

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
 Data File : VX012652.D
 Acq On : 25 Sep 2019 11:35
 Operator : JC/SP
 Sample : VX0925WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Quant Time: Sep 25 23:03:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126940	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	128307	48.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.50%	
35) Dibromofluoromethane	5.49	113	93249	48.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.70%	
50) Toluene-d8	8.71	98	355134	47.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.14	95	137532	47.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	37046	18.031	ug/l	100
3) Chloromethane	1.32	50	43538	18.455	ug/l	100
4) Vinyl Chloride	1.40	62	45054	19.213	ug/l	98
5) Bromomethane	1.63	94	20691	22.442	ug/l	97
6) Chloroethane	1.72	64	29227	18.489	ug/l	95
7) Trichlorofluoromethane	1.92	101	62092	18.860	ug/l	99
8) Diethyl Ether	2.18	74	26537	19.668	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38308	19.104	ug/l	97
10) Methyl Iodide	2.50	142	34923	19.847	ug/l	96
11) Tert butyl alcohol	3.03	59	72339	108.889	ug/l	99
12) 1,1-Dichloroethene	2.36	96	38429	19.571	ug/l	94
13) Acrolein	2.28	56	29353	86.302	ug/l	100
14) Allyl chloride	2.72	41	75875	19.476	ug/l	98
15) Acrylonitrile	3.13	53	132698	98.455	ug/l	99
16) Acetone	2.44	43	145504	103.294	ug/l	96
17) Carbon Disulfide	2.56	76	96498	17.530	ug/l	98
18) Methyl Acetate	2.76	43	65927	19.876	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	147325	19.822	ug/l	100
20) Methylene Chloride	2.85	84	44600	18.720	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	40666	18.694	ug/l	93
22) Diisopropyl ether	3.84	45	149248	19.827	ug/l	96
23) Vinyl Acetate	3.80	43	658884	99.810	ug/l	99
24) 1,1-Dichloroethane	3.69	63	80869	19.764	ug/l	97
25) 2-Butanone	4.66	43	205036	101.514	ug/l	97
26) 2,2-Dichloropropane	4.58	77	71266	19.583	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	47854	18.959	ug/l	98
28) Bromochloromethane	5.00	49	28588	19.242	ug/l	98
29) Tetrahydrofuran	5.12	42	123504	100.323	ug/l	97
30) Chloroform	5.20	83	81580	19.487	ug/l	98
31) Cyclohexane	5.57	56	71999	19.450	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	72089	19.430	ug/l	99
36) 1,1-Dichloropropene	5.79	75	59448	19.045	ug/l	99
37) Ethyl Acetate	4.82	43	74128	20.312	ug/l	98
38) Carbon Tetrachloride	5.78	117	60091	18.951	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
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 ClientSampleId :
 VX0925WBS01

Quant Time: Sep 25 23:03:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70099	18.654	ug/l	97
40) Benzene	6.14	78	177938	19.374	ug/l	97
41) Methacrylonitrile	5.03	41	41199	20.121	ug/l	96
42) 1,2-Dichloroethane	6.18	62	69567	19.946	ug/l	100
43) Isopropyl Acetate	6.43	43	119372	19.560	ug/l	99
44) Trichloroethene	7.21	130	43889	18.692	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45959	19.545	ug/l	98
46) Dibromomethane	7.66	93	30985	19.354	ug/l	93
47) Bromodichloromethane	7.89	83	60610	18.942	ug/l	97
48) Methyl methacrylate	7.76	41	57482	19.643	ug/l	97
49) 1,4-Dioxane	7.73	88	26466	398.740	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	373135	99.048	ug/l	97
52) Toluene	8.78	92	109912	19.041	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	66186	18.695	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	74418	19.252	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44821	19.530	ug/l	97
56) Ethyl methacrylate	9.17	69	75086	19.475	ug/l	95
57) 1,3-Dichloropropane	9.37	76	79346	19.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	168998	97.649	ug/l	97
59) 2-Hexanone	9.49	43	290473	100.733	ug/l	96
60) Dibromochloromethane	9.57	129	43009	18.513	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48064	20.124	ug/l	96
64) Tetrachloroethene	9.33	164	40939	20.378	ug/l	97
65) Chlorobenzene	10.14	112	115106	18.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	42617	19.385	ug/l	98
67) Ethyl Benzene	10.25	91	215697	19.600	ug/l	96
68) m/p-Xylenes	10.35	106	155292	37.669	ug/l	97
69) o-Xylene	10.70	106	78160	19.594	ug/l	99
70) Styrene	10.71	104	128418	19.203	ug/l	99
71) Bromoform	10.85	173	27786	18.151	ug/l #	97
73) Isopropylbenzene	11.01	105	207645	20.084	ug/l	99
74) N-amyl acetate	10.89	43	97442	19.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	68746	20.077	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	79341	23.628	ug/l	88
77) Bromobenzene	11.25	156	45744	19.549	ug/l	94
78) n-propylbenzene	11.35	91	227553	19.550	ug/l	100
79) 2-Chlorotoluene	11.42	91	143490	19.762	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	175656	20.260	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21118	18.023	ug/l	95
82) 4-Chlorotoluene	11.51	91	163998	19.813	ug/l	97
83) tert-Butylbenzene	11.77	119	166041	19.853	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	176348	20.163	ug/l	98
85) sec-Butylbenzene	11.94	105	193491	19.891	ug/l	99
86) p-Isopropyltoluene	12.06	119	176098	20.063	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80923	19.217	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	81814	19.227	ug/l	98
89) n-Butylbenzene	12.38	91	148143	19.154	ug/l	98
90) Hexachloroethane	12.59	117	28557	18.249	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	82716	19.620	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16856	19.680	ug/l	93

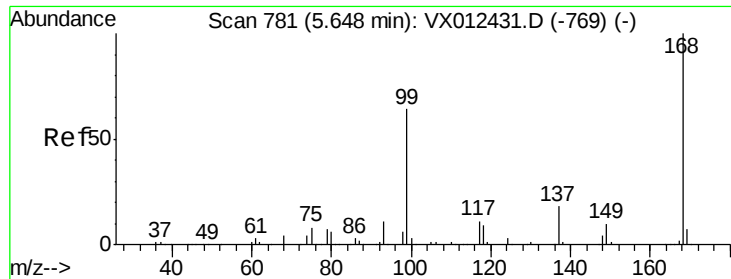
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012652.D
Acq On : 25 Sep 2019 11:35
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Instrument :
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Quant Time: Sep 25 23:03:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47375	18.426	ug/l	97
94) Hexachlorobutadiene	13.77	225	21418	19.364	ug/l	100
95) Naphthalene	13.83	128	188367	20.250	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	49889	19.371	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

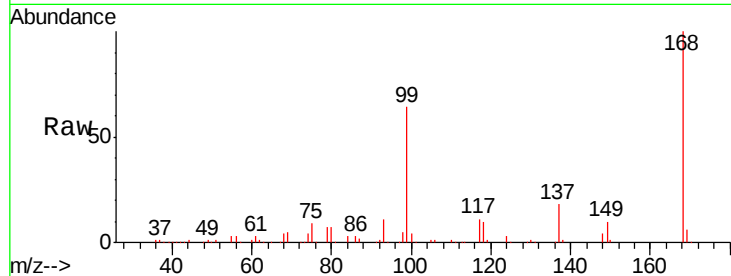
VX0925WBS01

Tgt Ion:168 Resp: 182628

Ion Ratio Lower Upper

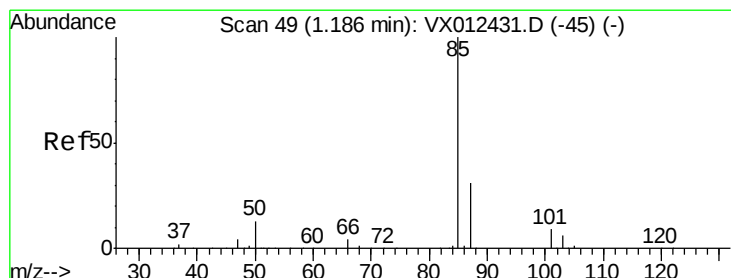
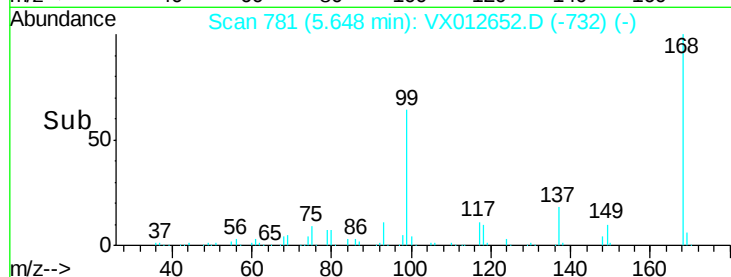
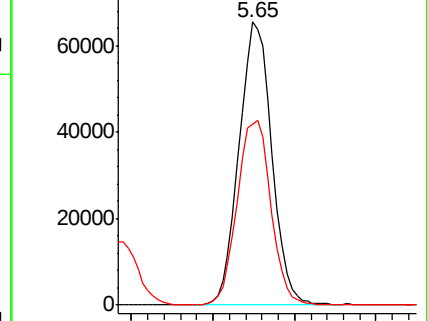
168 100

99 64.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.031 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012652.D

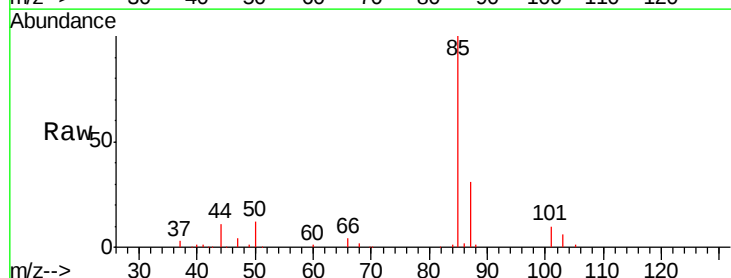
Acq: 25 Sep 2019 11:35

Tgt Ion: 85 Resp: 37046

Ion Ratio Lower Upper

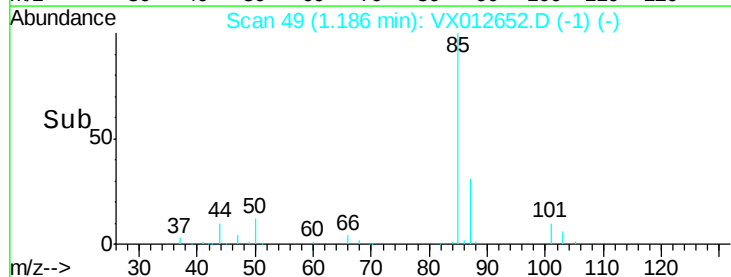
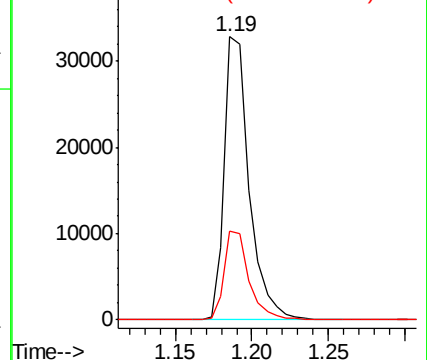
85 100

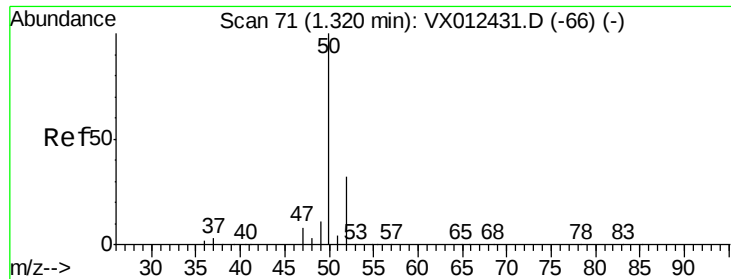
87 31.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.455 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

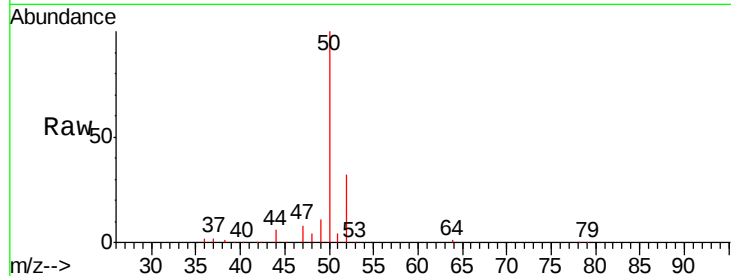
VX0925WBS01

Tgt Ion: 50 Resp: 43538

Ion Ratio Lower Upper

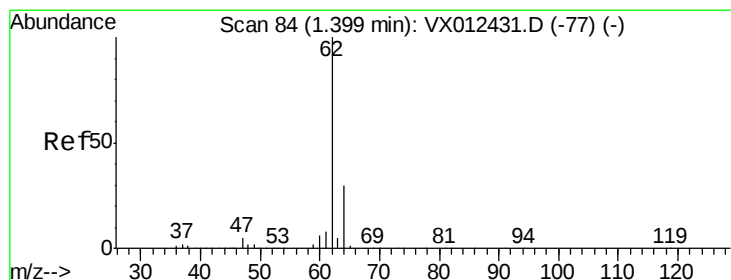
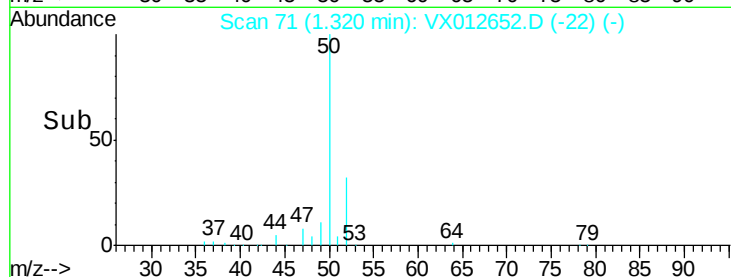
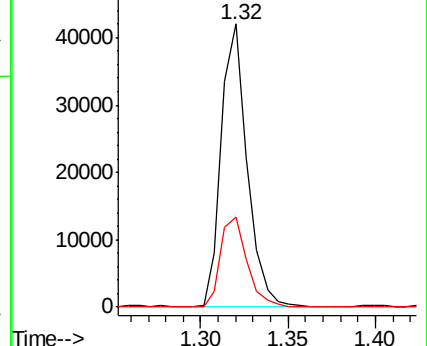
50 100

52 32.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.213 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012652.D

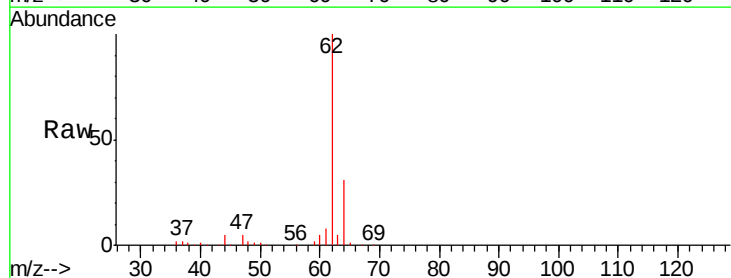
Acq: 25 Sep 2019 11:35

Tgt Ion: 62 Resp: 45054

Ion Ratio Lower Upper

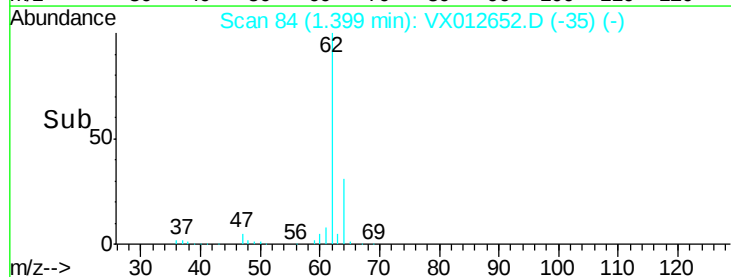
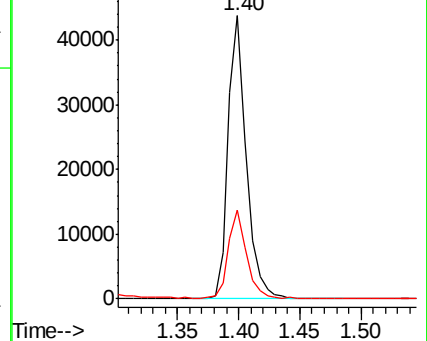
62 100

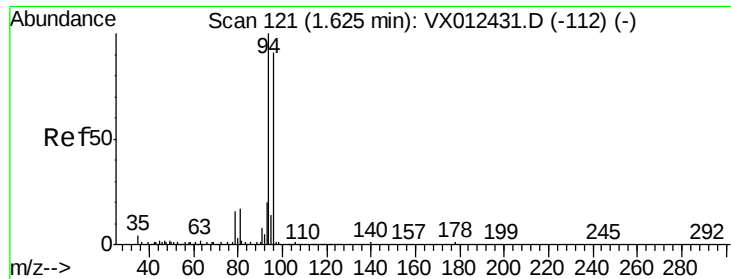
64 31.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.442 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

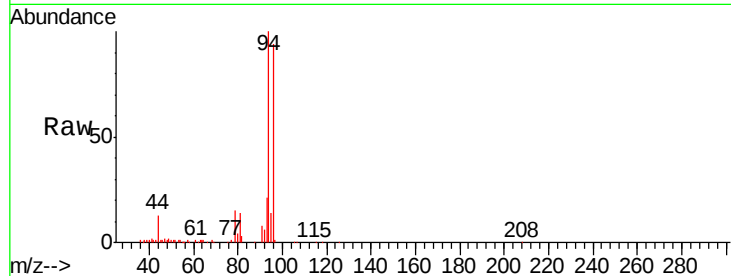
VX0925WBS01

Tgt Ion: 94 Resp: 20691

Ion Ratio Lower Upper

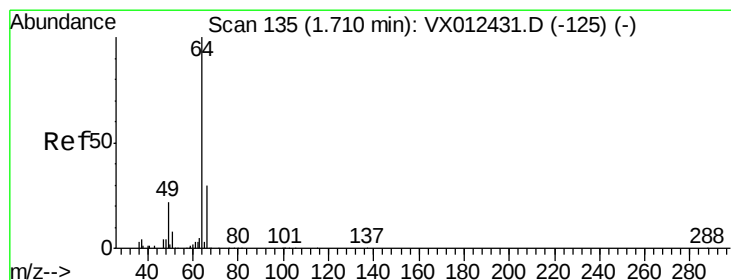
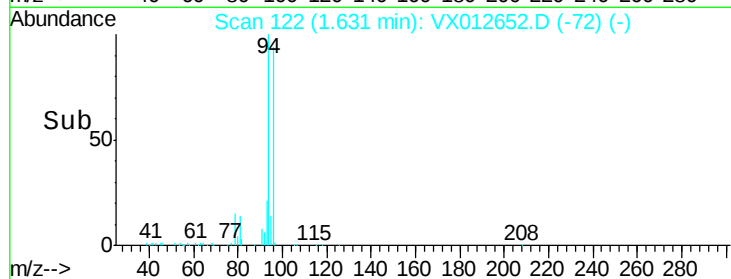
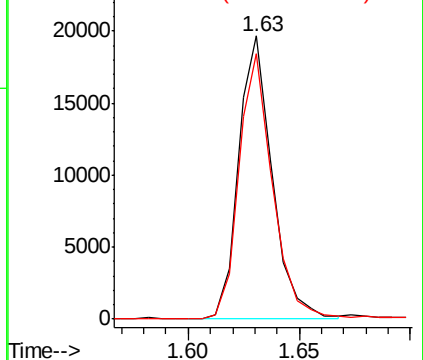
94 100

96 93.6 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.489 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012652.D

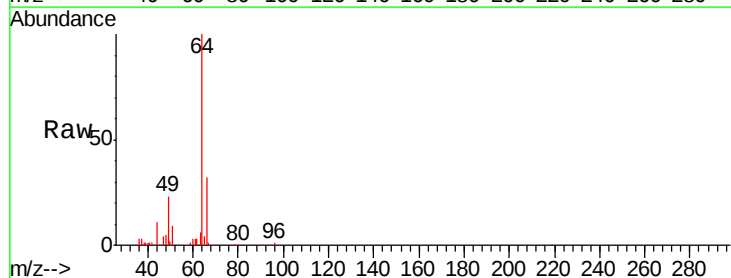
Acq: 25 Sep 2019 11:35

Tgt Ion: 64 Resp: 29227

Ion Ratio Lower Upper

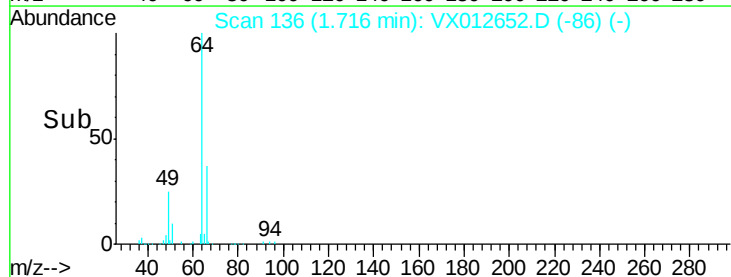
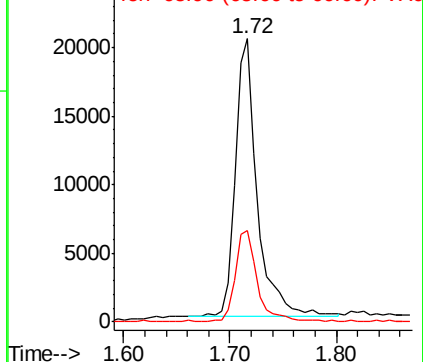
64 100

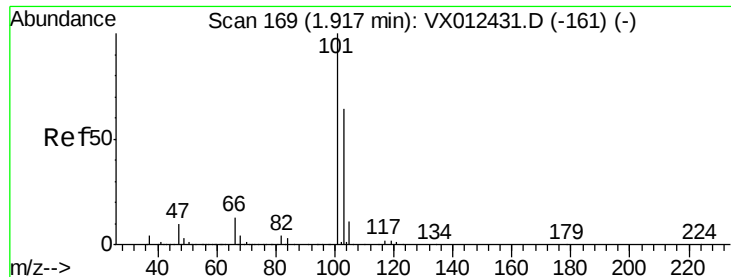
66 32.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



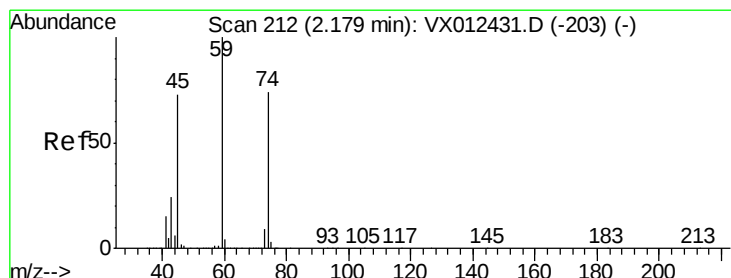
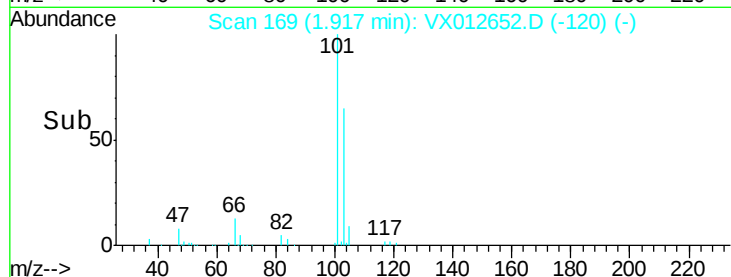
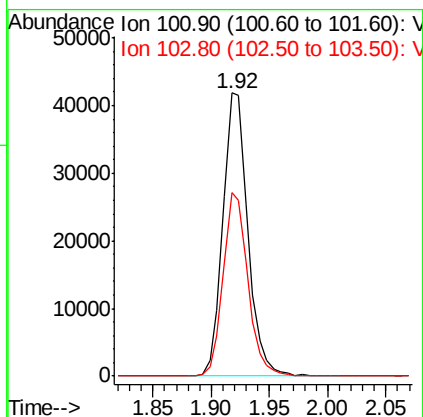
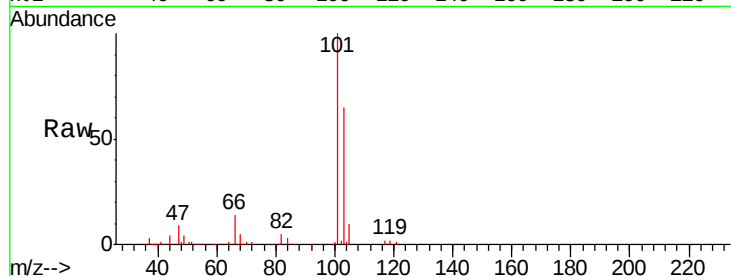


#7

Trichlorofluoromethane
 Concen: 18.860 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

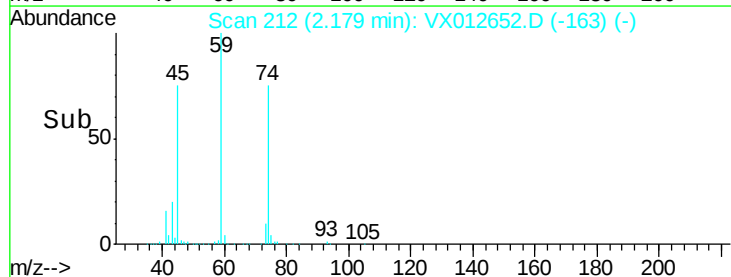
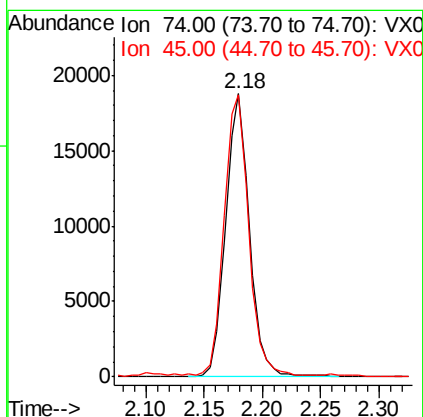
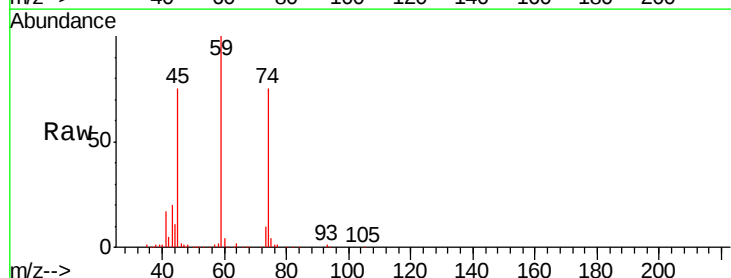
Tgt Ion:101 Resp: 62092
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.0 76.4

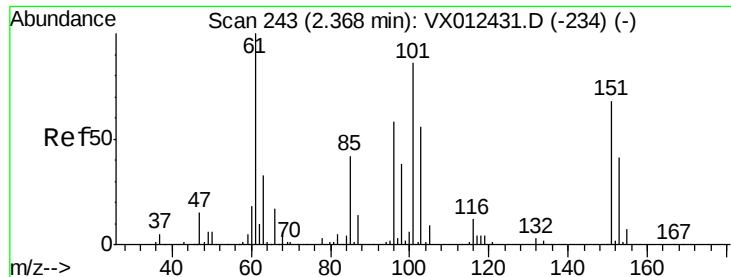


#8

Diethyl Ether
 Concen: 19.668 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 74 Resp: 26537
 Ion Ratio Lower Upper
 74 100
 45 101.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.104 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

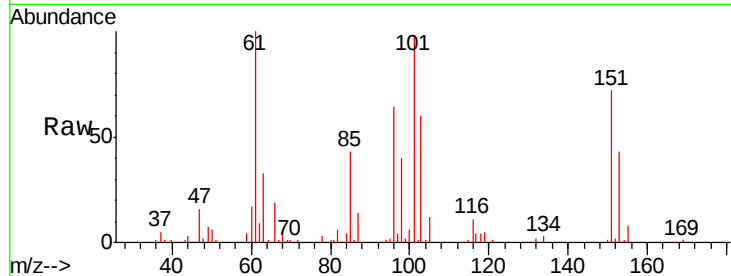
Tgt Ion:101 Resp: 38308

Ion Ratio Lower Upper

101 100

85 45.2 37.3 55.9

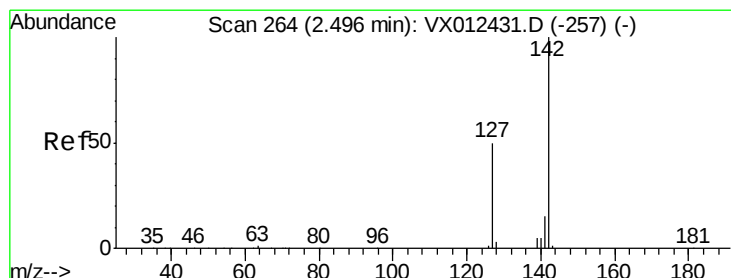
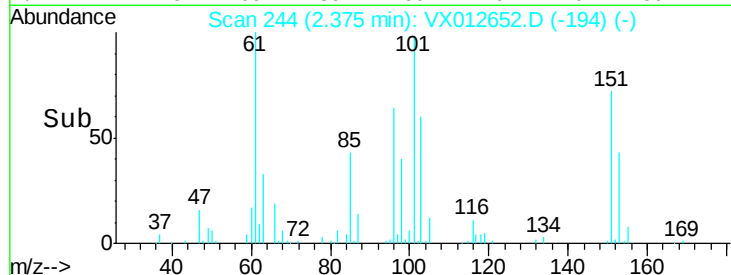
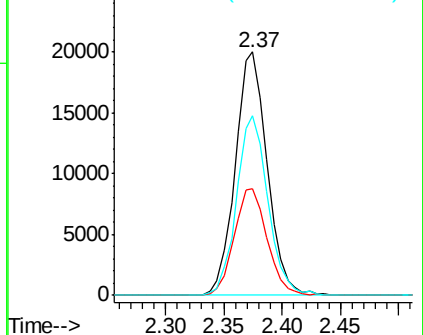
151 72.6 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.847 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

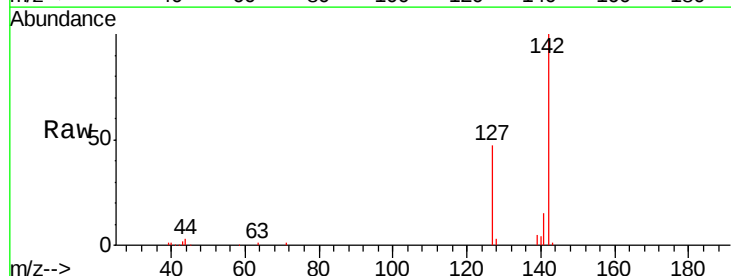
Tgt Ion:142 Resp: 34923

Ion Ratio Lower Upper

142 100

127 48.1 40.8 61.2

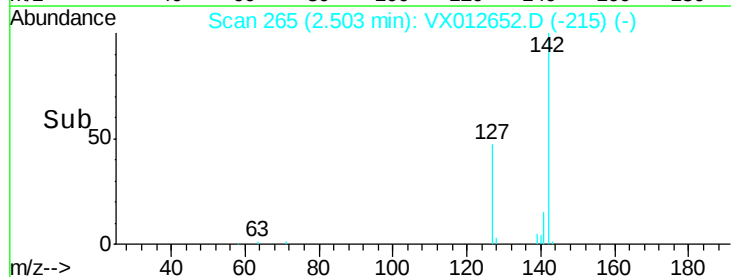
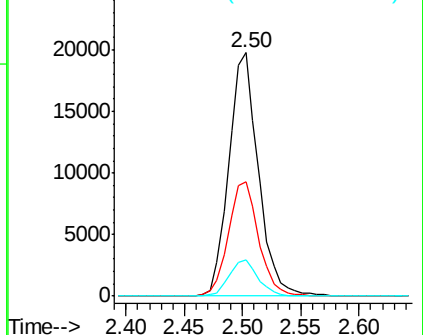
141 14.6 12.1 18.1

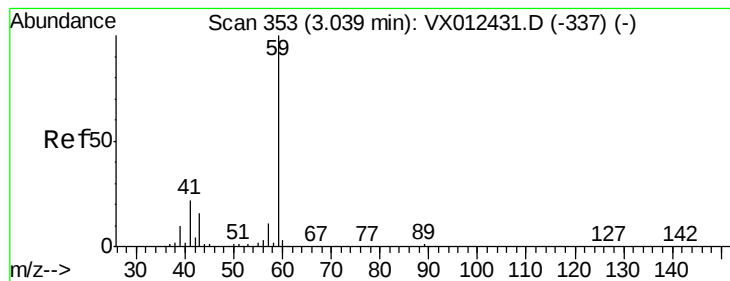


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



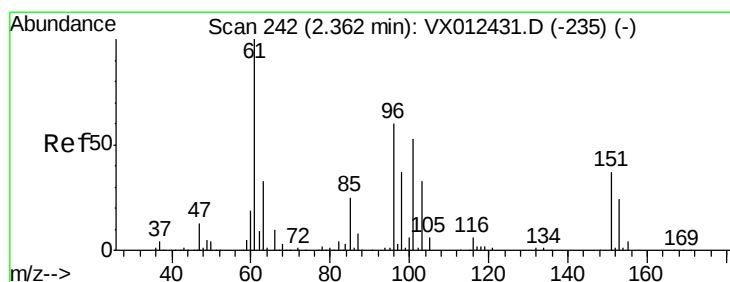
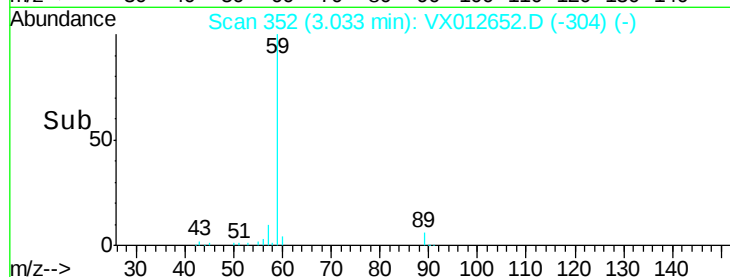
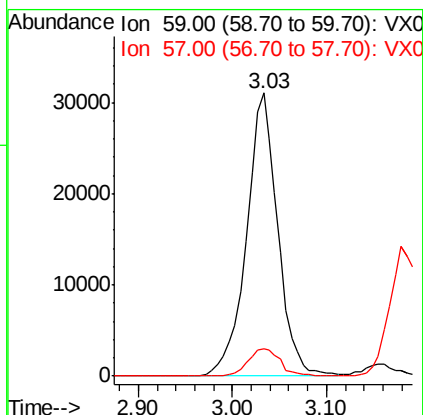
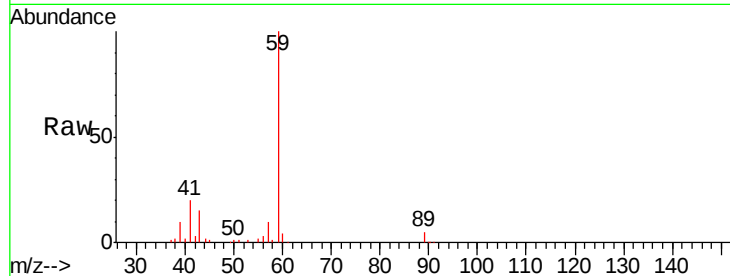


#11

Tert butyl alcohol
 Concen: 108.889 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

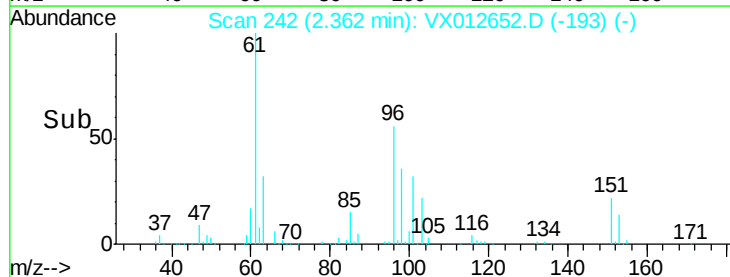
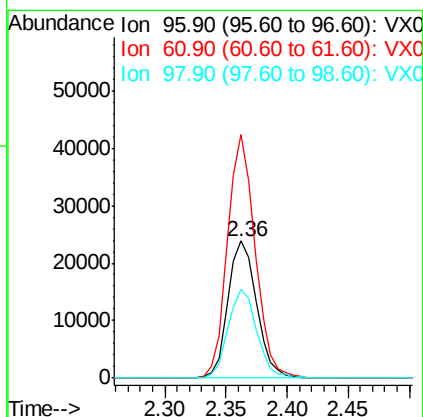
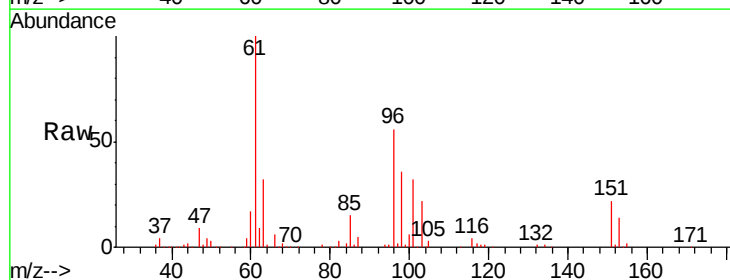
Tgt Ion: 59 Resp: 72339
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

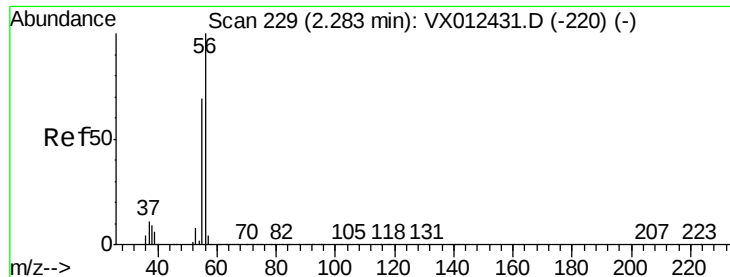


#12

1,1-Dichloroethene
 Concen: 19.571 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 96 Resp: 38429
 Ion Ratio Lower Upper
 96 100
 61 177.6 133.8 200.6
 98 64.5 49.9 74.9





#13

Acrolein

Concen: 86.302 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

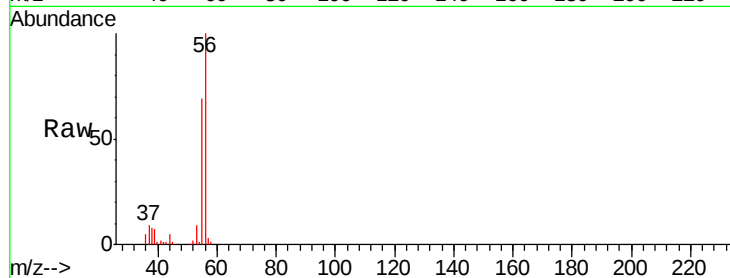
VX0925WBS01

Tgt Ion: 56 Resp: 29353

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

20000

15000

10000

5000

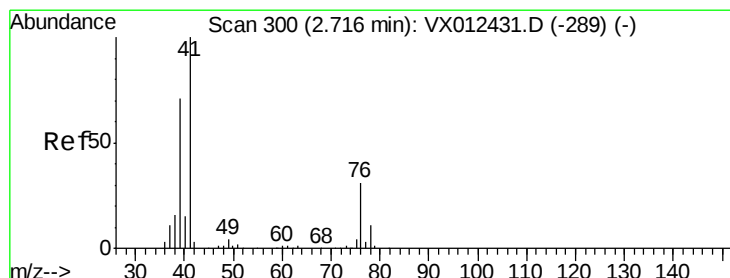
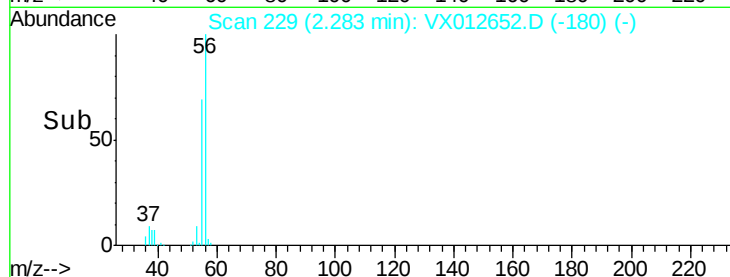
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 19.476 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

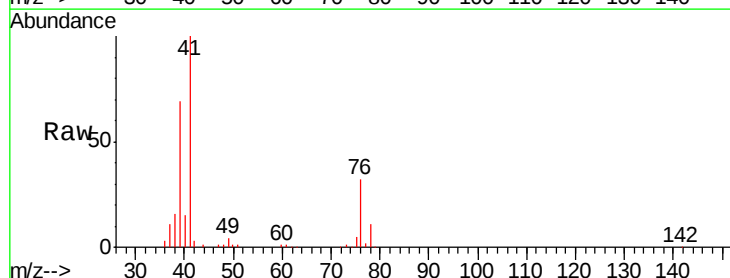
Tgt Ion: 41 Resp: 75875

Ion Ratio Lower Upper

41 100

39 65.1 51.3 76.9

76 30.6 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

40000

20000

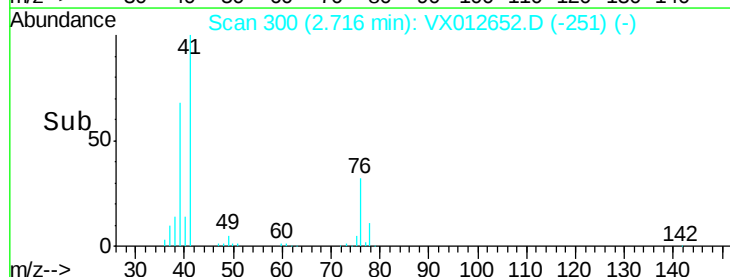
0

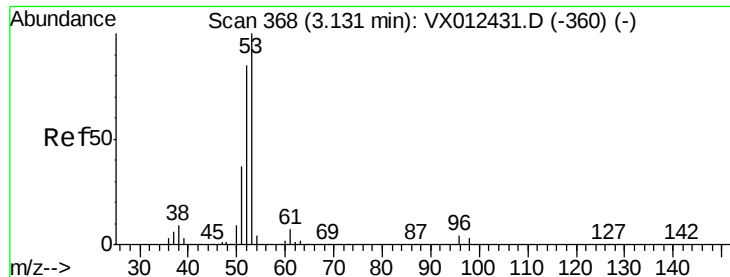
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 98.455 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

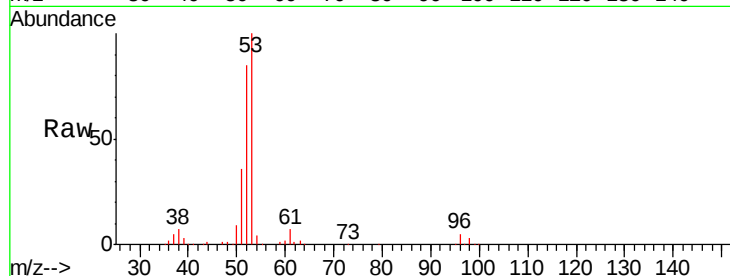
Tgt Ion: 53 Resp: 132698

Ion Ratio Lower Upper

53 100

52 84.4 67.0 100.4

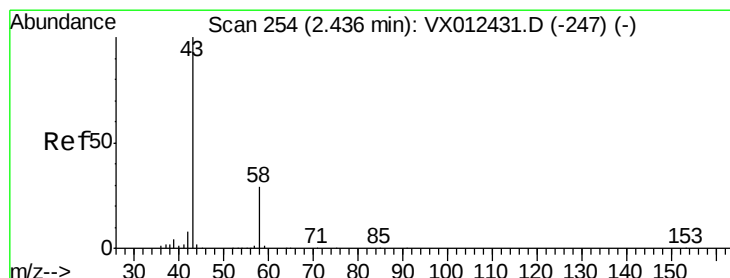
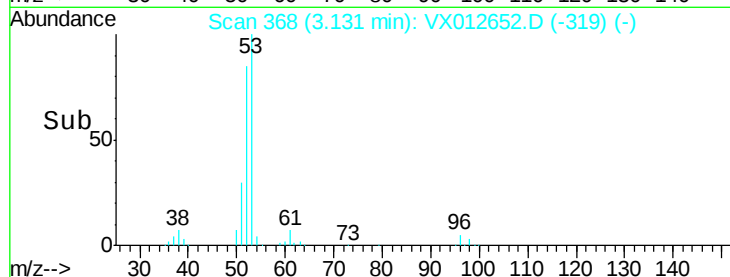
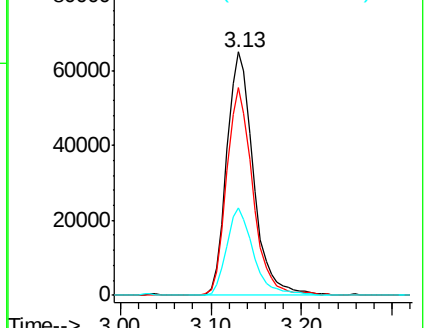
51 36.1 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 103.294 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012652.D

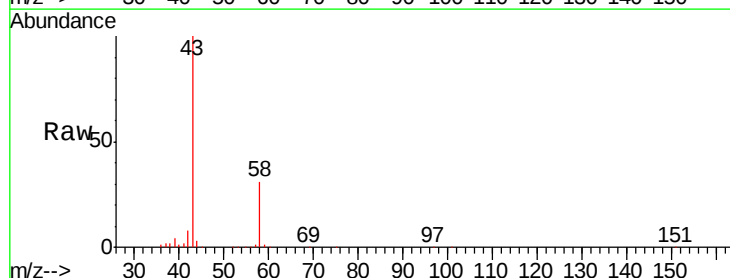
Acq: 25 Sep 2019 11:35

Tgt Ion: 43 Resp: 145504

Ion Ratio Lower Upper

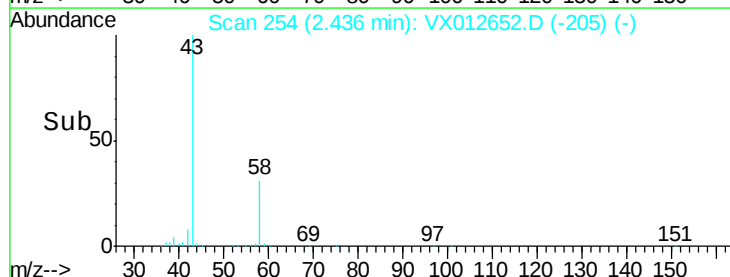
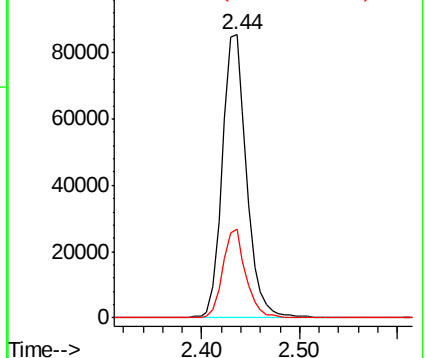
43 100

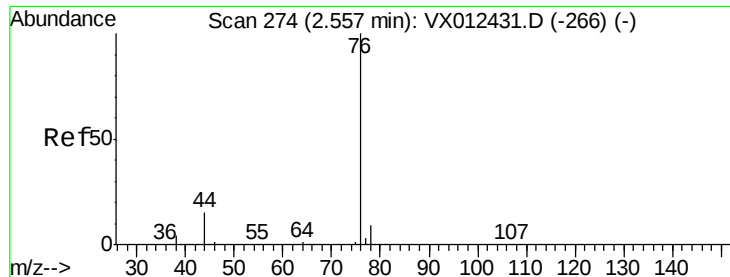
58 31.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.530 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

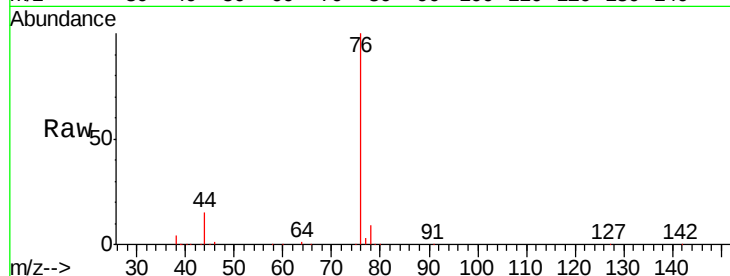
VX0925WBS01

Tgt Ion: 76 Resp: 96498

Ion Ratio Lower Upper

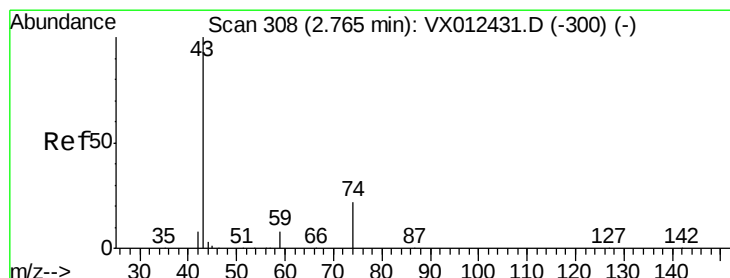
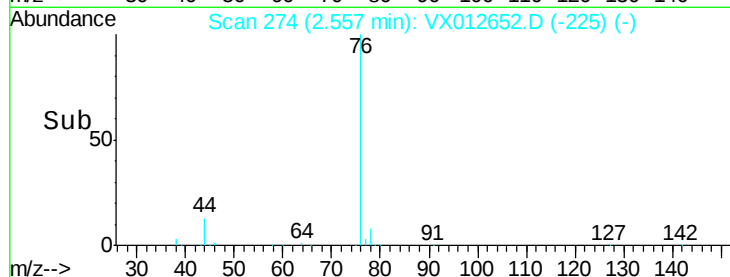
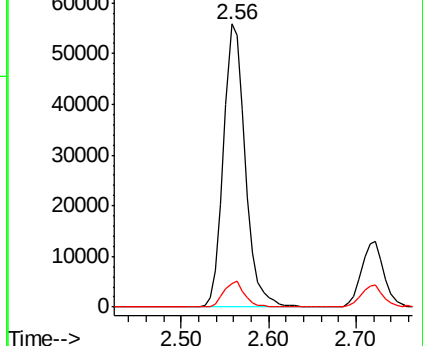
76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.876 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012652.D

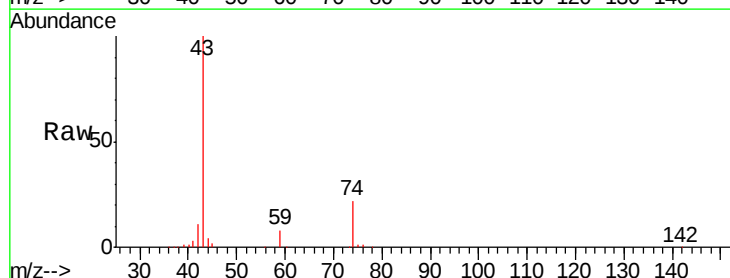
Acq: 25 Sep 2019 11:35

Tgt Ion: 43 Resp: 65927

Ion Ratio Lower Upper

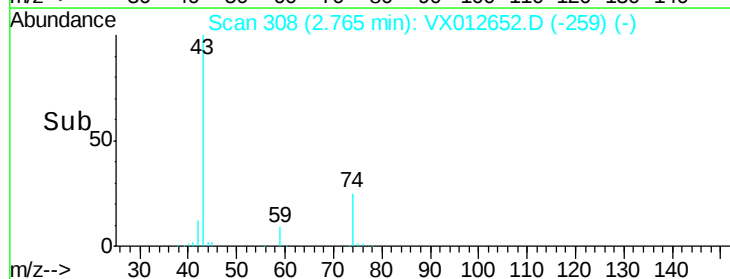
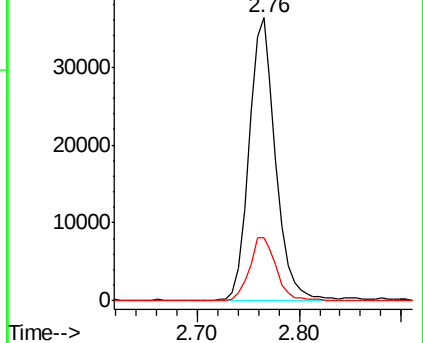
43 100

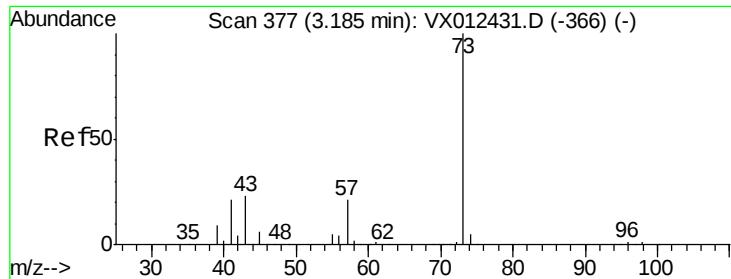
74 22.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

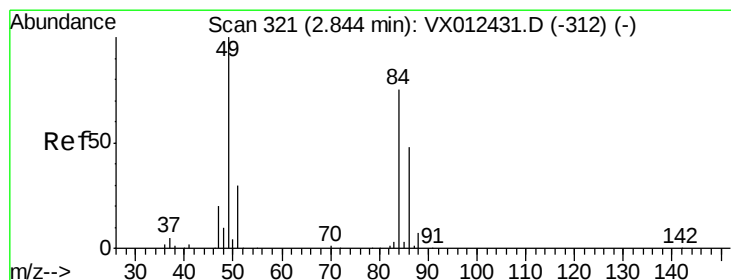
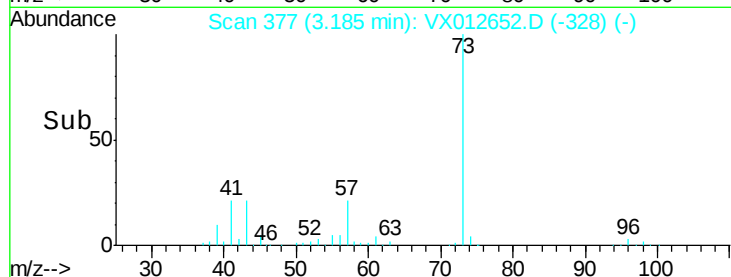
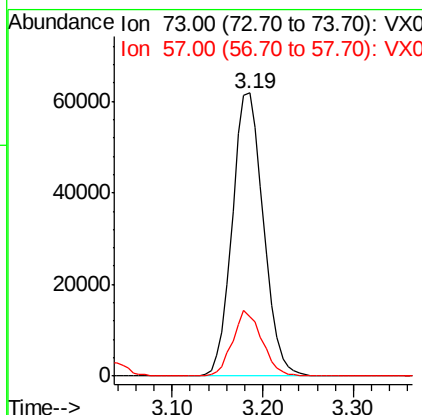
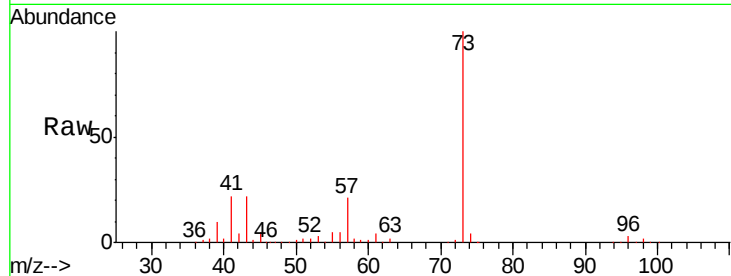




#19
Methyl tert-butyl Ether
Concen: 19.822 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

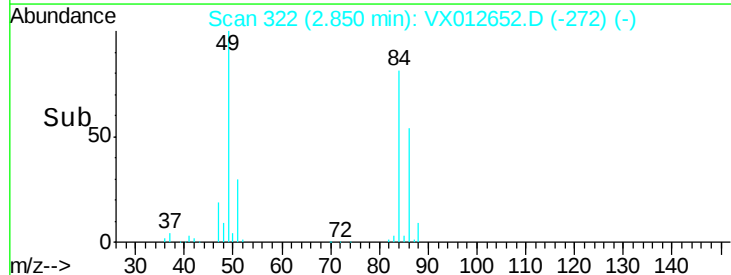
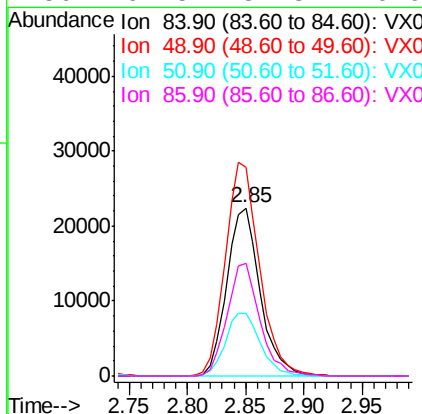
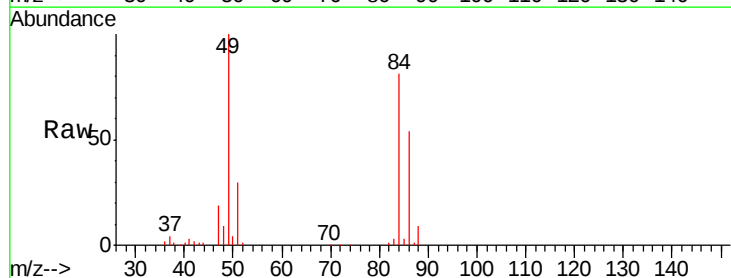
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

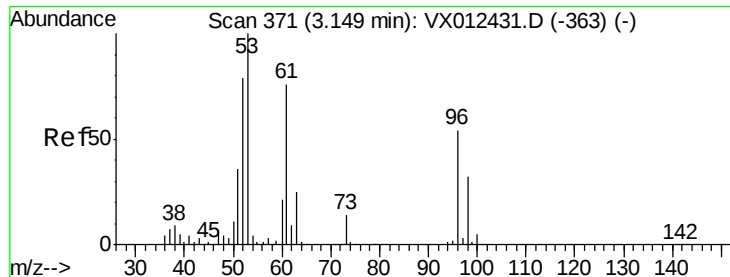
Tgt Ion: 73 Resp: 147325
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2



#20
Methylene Chloride
Concen: 18.720 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 84 Resp: 44600
Ion Ratio Lower Upper
84 100
49 124.1 106.8 160.2
51 37.1 32.3 48.5
86 67.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.694 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

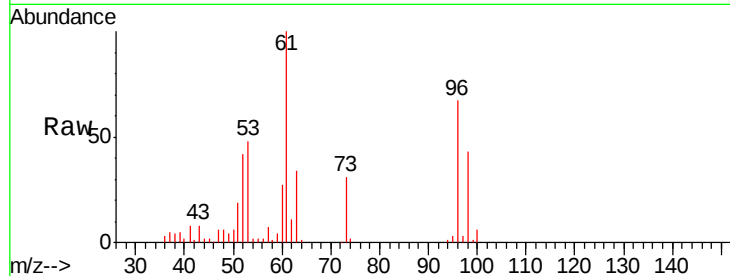
Tgt Ion: 96 Resp: 40666

Ion Ratio Lower Upper

96 100

61 149.4 112.0 168.0

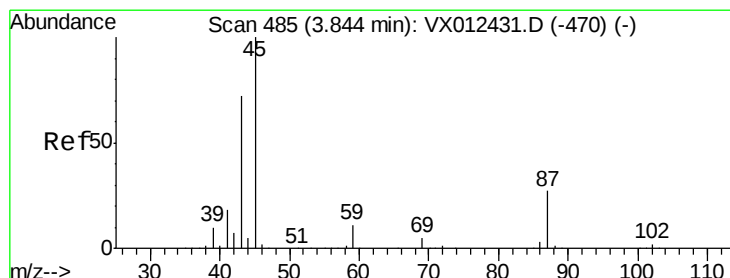
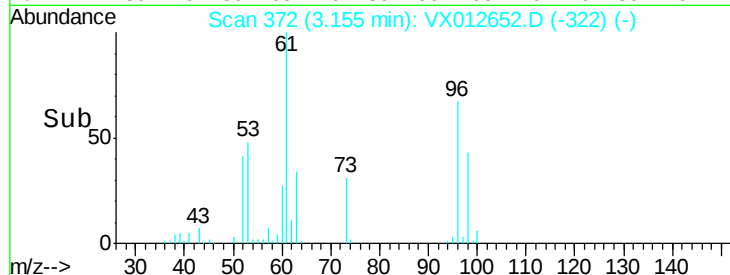
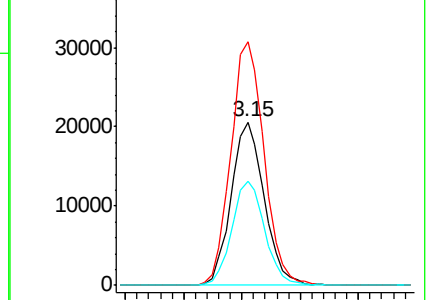
98 63.5 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.827 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion: 45 Resp: 149248

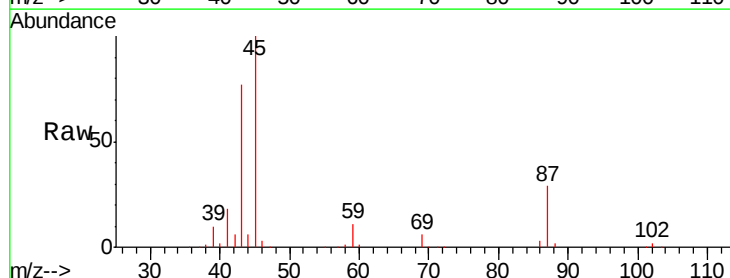
Ion Ratio Lower Upper

45 100

43 75.9 57.8 86.8

87 29.5 21.3 31.9

59 11.1 8.5 12.7

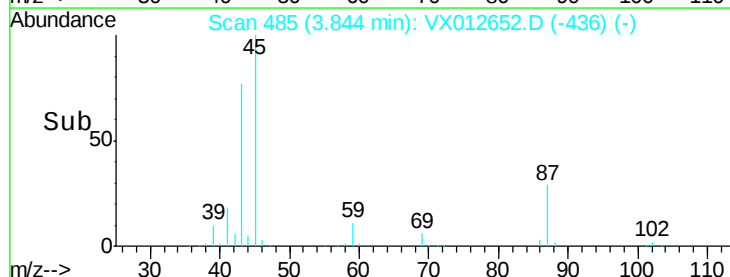
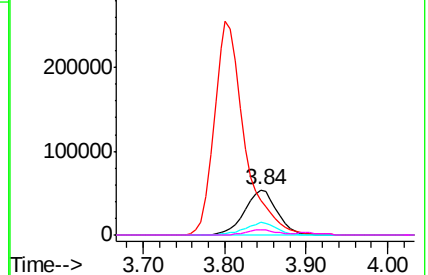


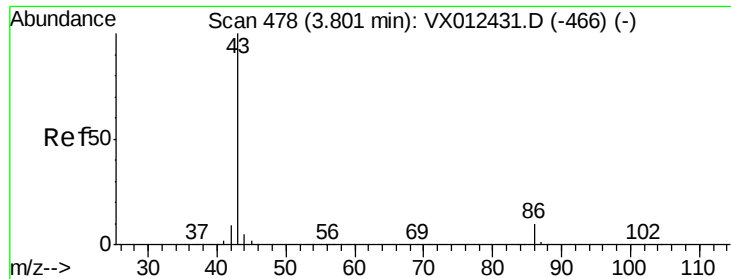
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.810 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

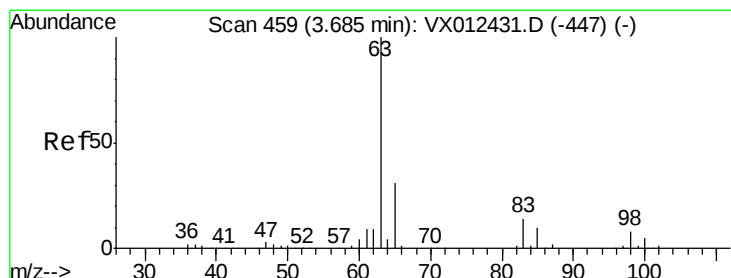
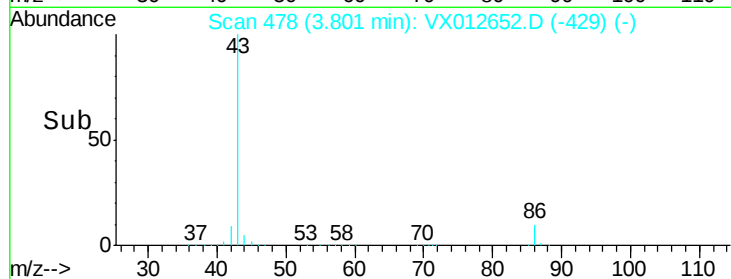
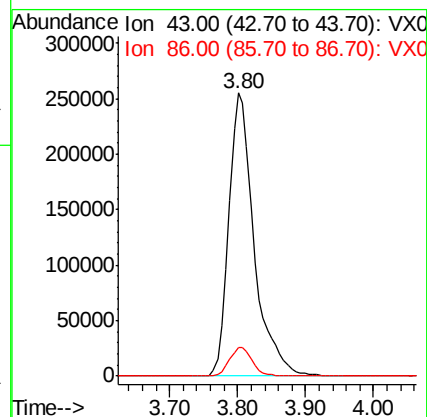
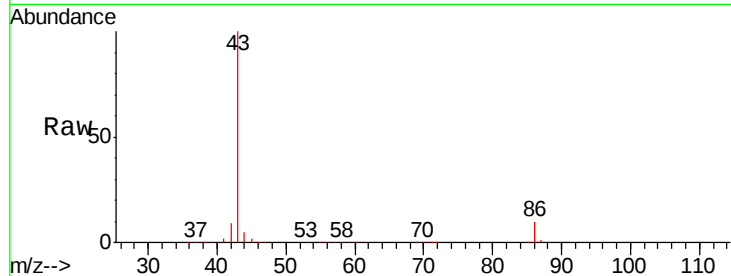
VX0925WBS01

Tgt Ion: 43 Resp: 658884

Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.764 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

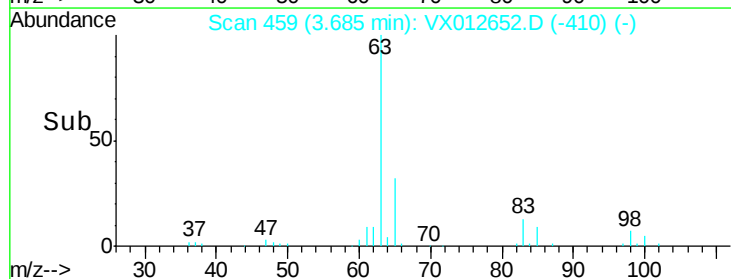
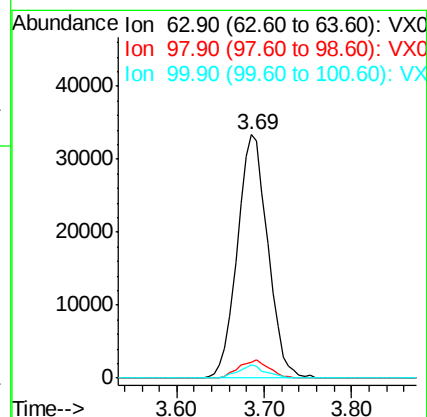
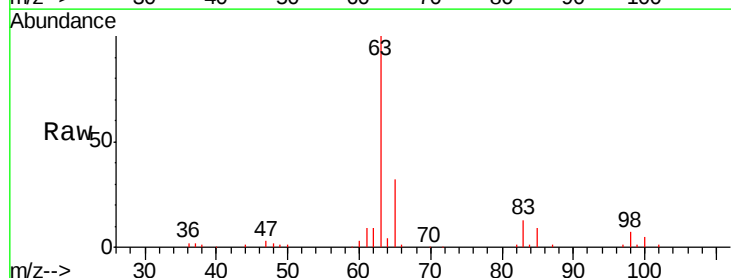
Tgt Ion: 63 Resp: 80869

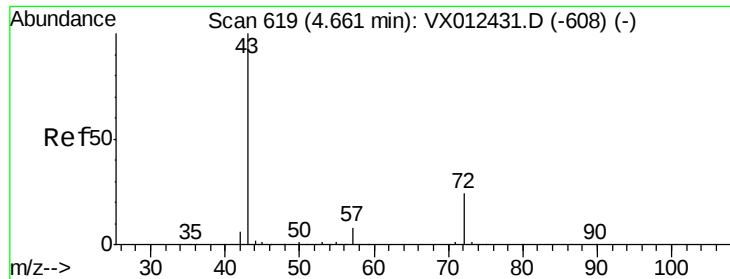
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 101.514 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

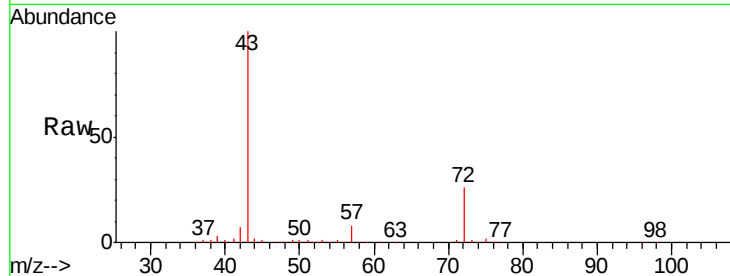
VX0925WBS01

Tgt Ion: 43 Resp: 205036

Ion Ratio Lower Upper

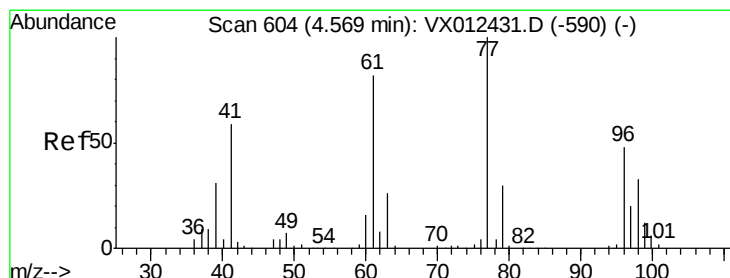
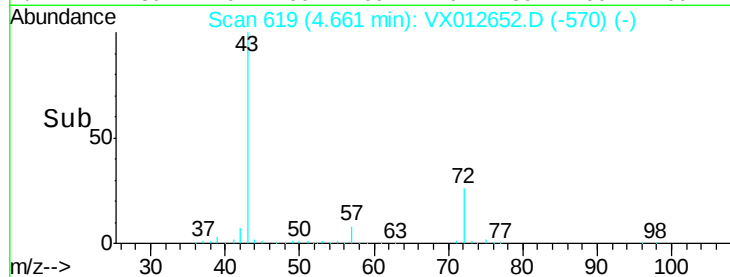
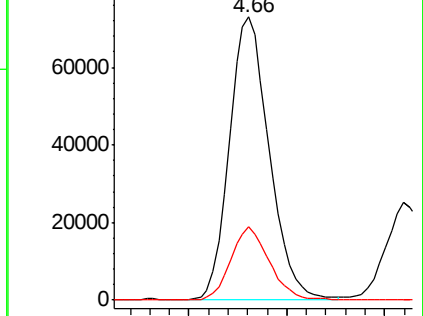
43 100

72 25.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.583 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012652.D

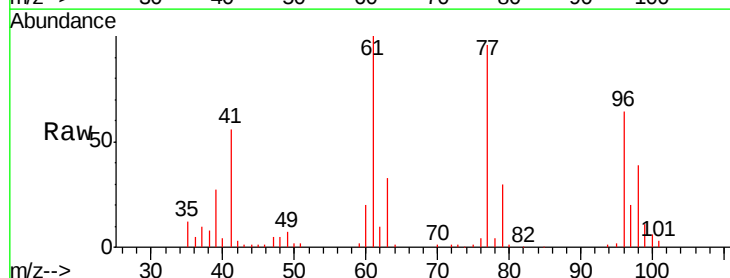
Acq: 25 Sep 2019 11:35

Tgt Ion: 77 Resp: 71266

Ion Ratio Lower Upper

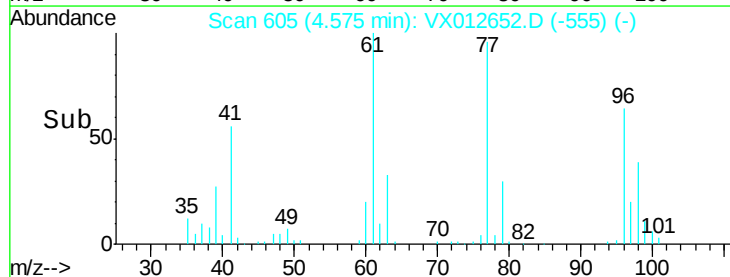
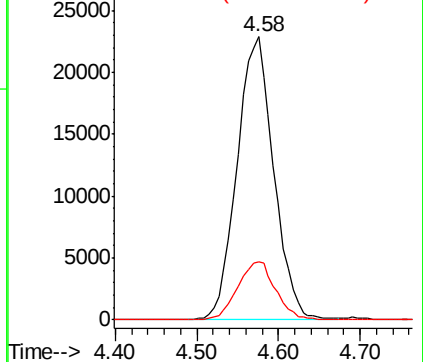
77 100

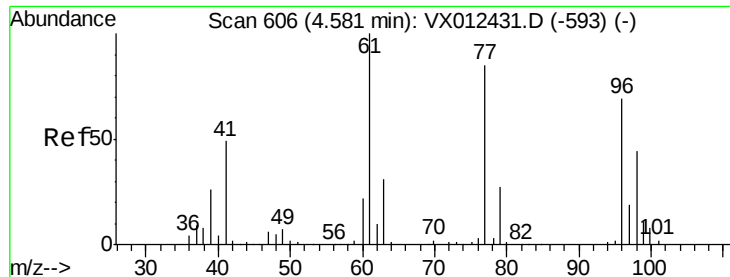
97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



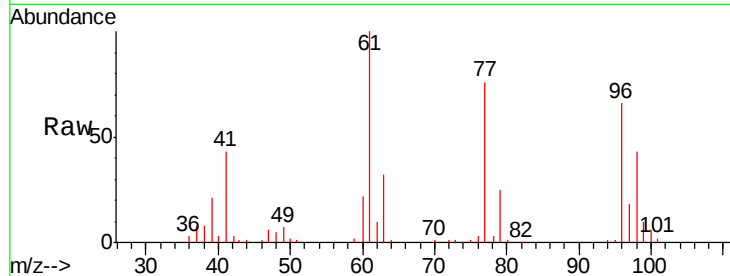


#27

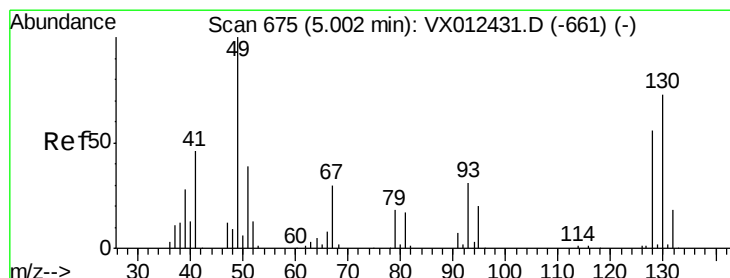
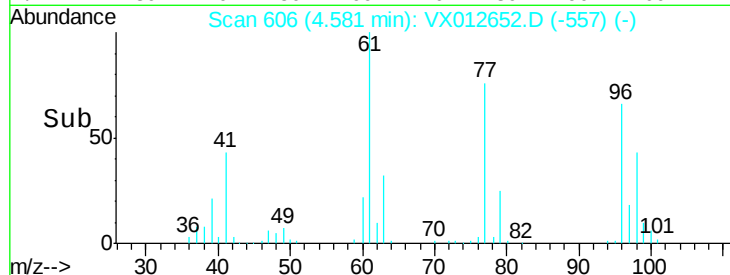
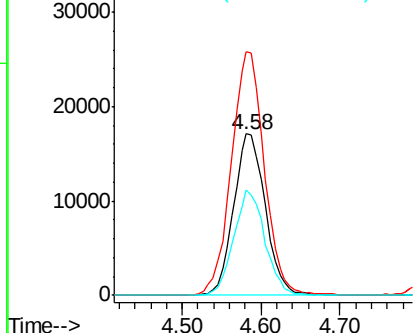
cis-1,2-Dichloroethene
 Concen: 18.959 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tgt Ion: 96 Resp: 47854
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 319.4
 98 64.2 0.0 130.6



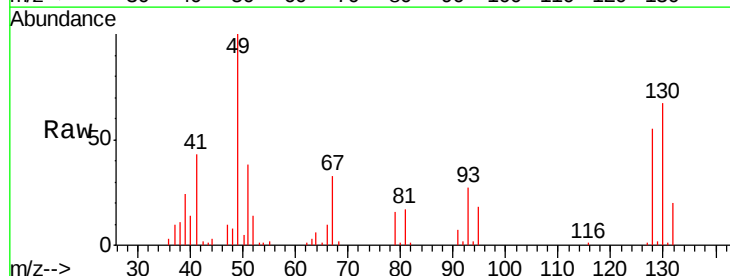
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



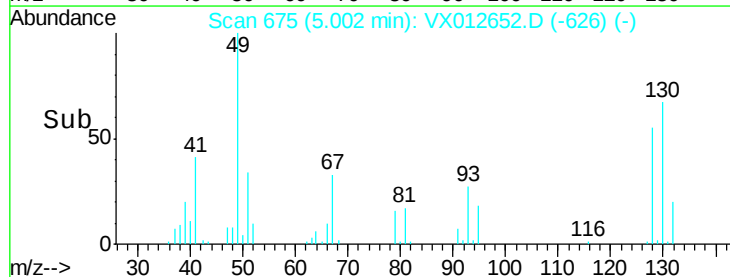
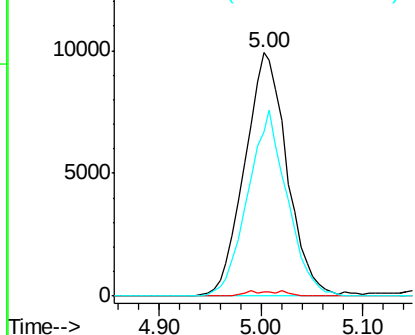
#28

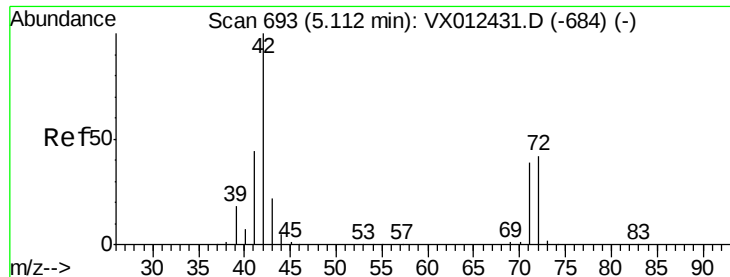
Bromochloromethane
 Concen: 19.242 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 49 Resp: 28588
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 71.3 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.323 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

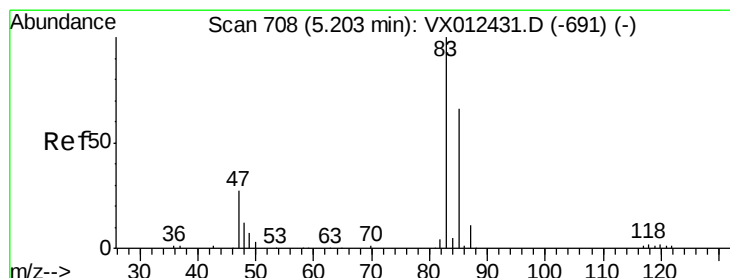
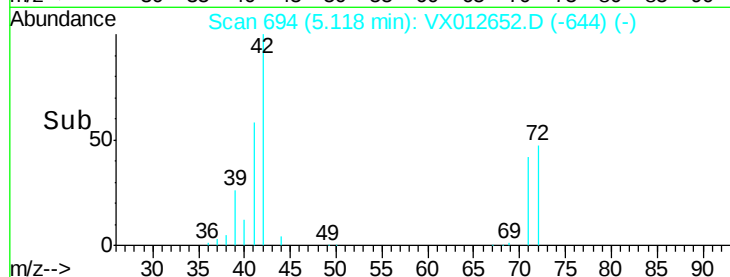
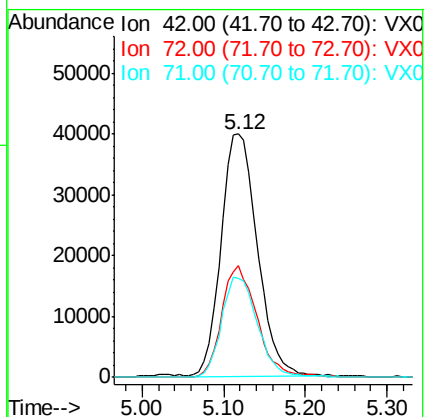
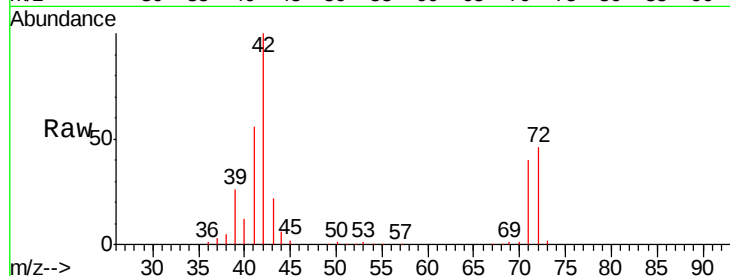
Tgt Ion: 42 Resp: 123504

Ion Ratio Lower Upper

42 100

72 44.9 34.0 51.0

71 40.8 31.5 47.3



#30

Chloroform

Concen: 19.487 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX012652.D

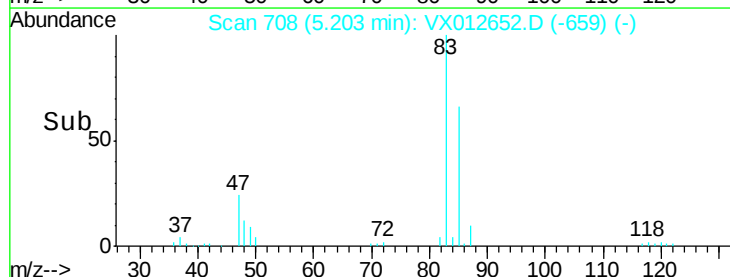
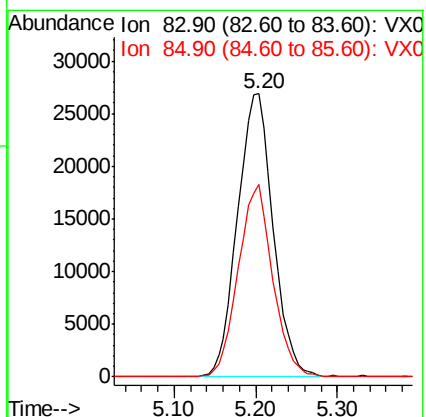
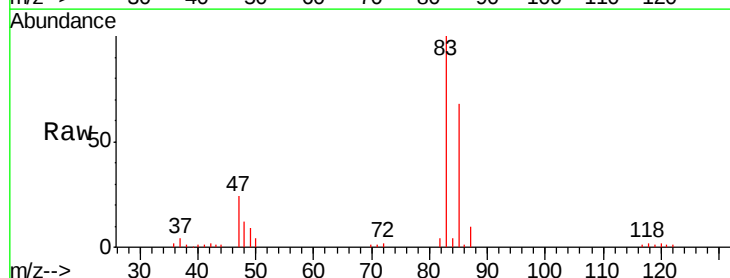
Acq: 25 Sep 2019 11:35

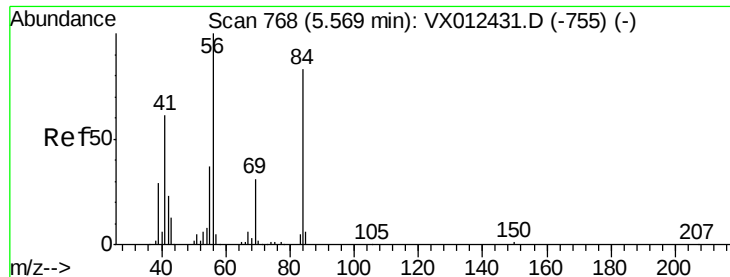
Tgt Ion: 83 Resp: 81580

Ion Ratio Lower Upper

83 100

85 67.8 53.0 79.4





#31

Cyclohexane

Concen: 19.450 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

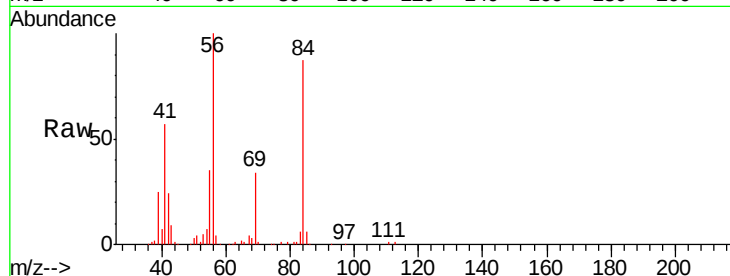
Tgt Ion: 56 Resp: 71999

Ion Ratio Lower Upper

56 100

69 34.1 25.0 37.6

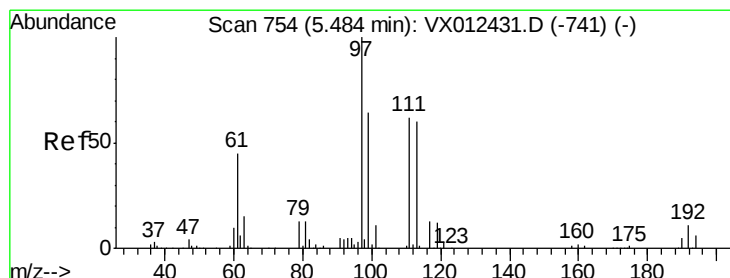
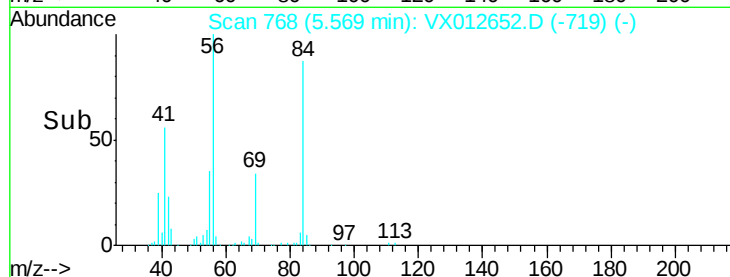
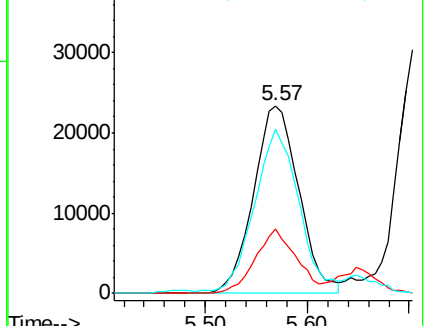
84 85.4 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.430 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

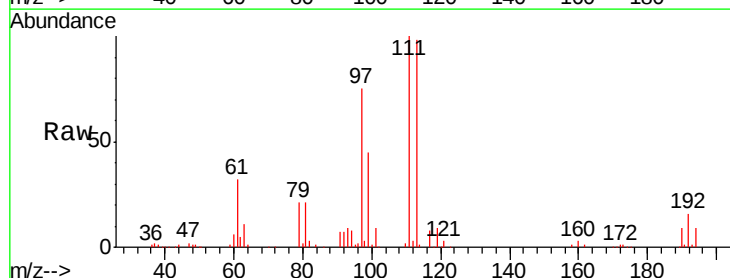
Tgt Ion: 97 Resp: 72089

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

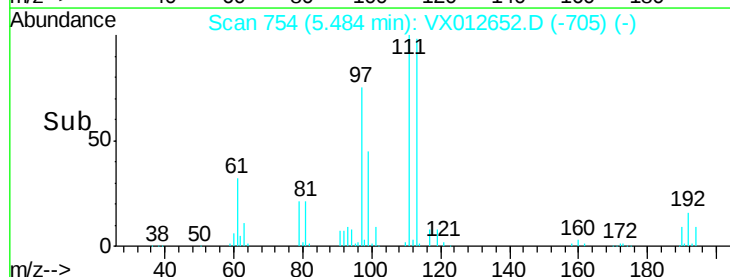
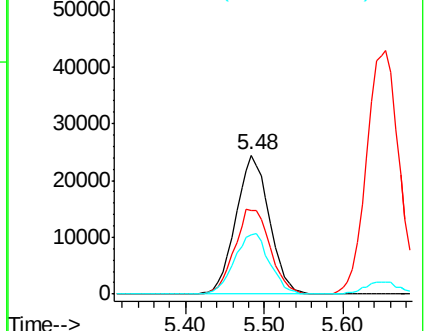
61 45.9 36.1 54.1

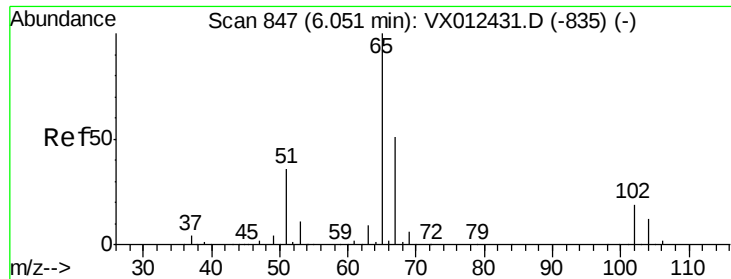


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

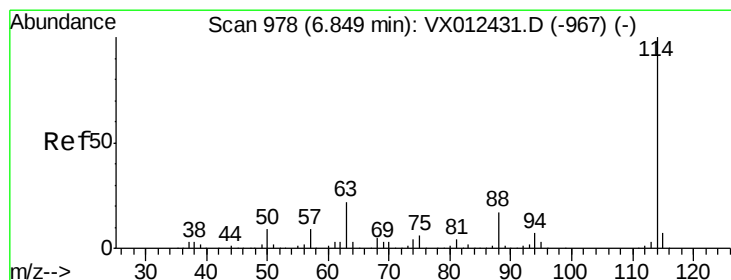
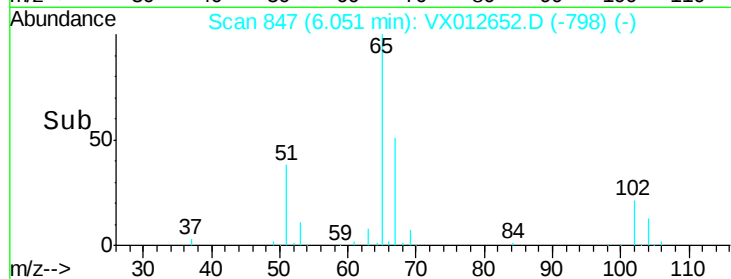
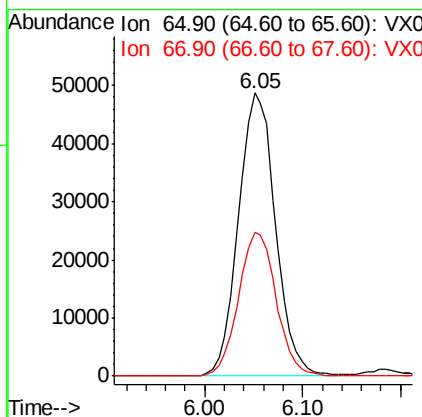
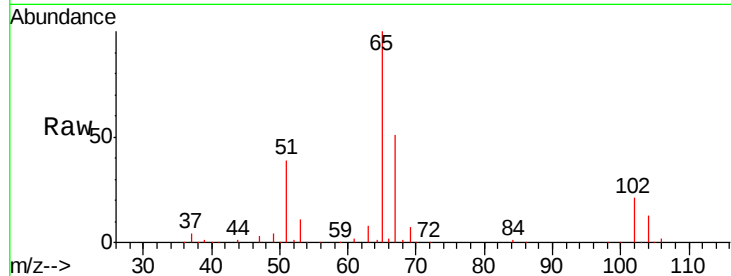




#33
 1,2-Dichloroethane-d4
 Concen: 48.246 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

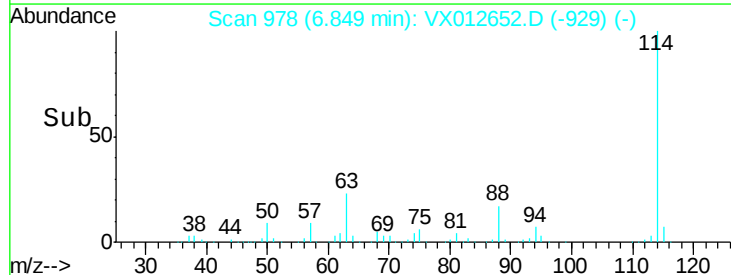
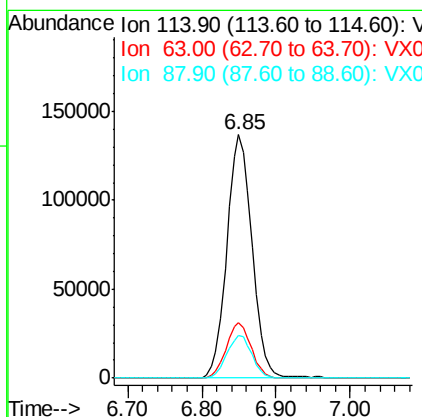
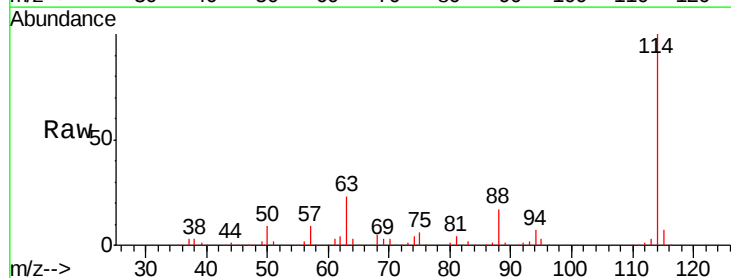
Instrument :
 MSVOA_X
 ClientSampled :
 VX0925WBS01

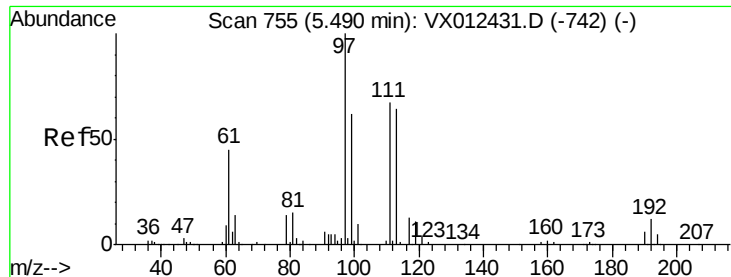
Tgt Ion: 65 Resp: 128307
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 114 Resp: 323846
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.2
 88 17.5 0.0 33.2

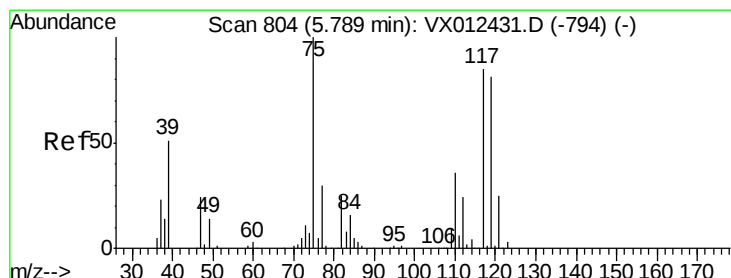
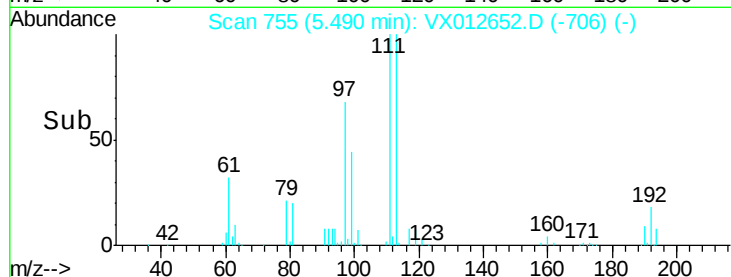
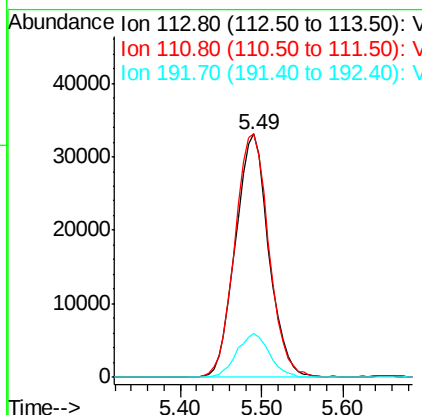
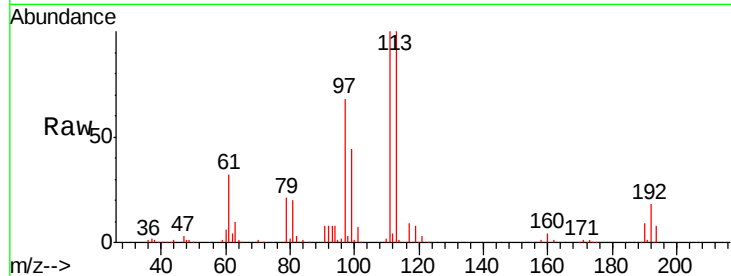




#35
 Dibromofluoromethane
 Concen: 48.350 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

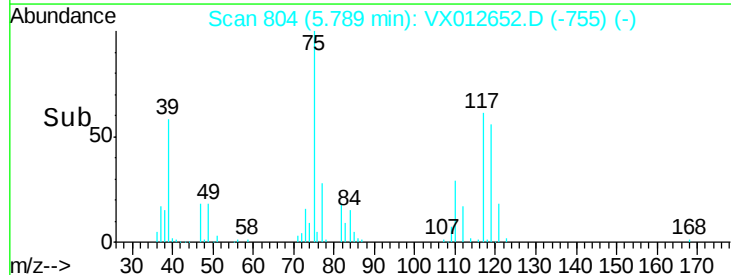
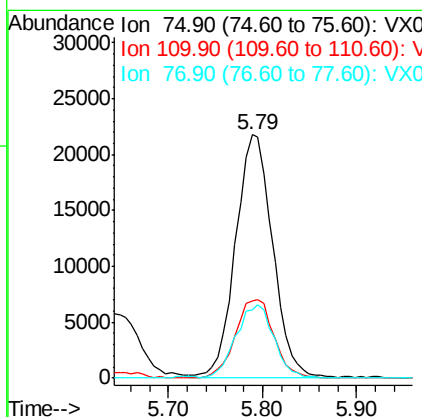
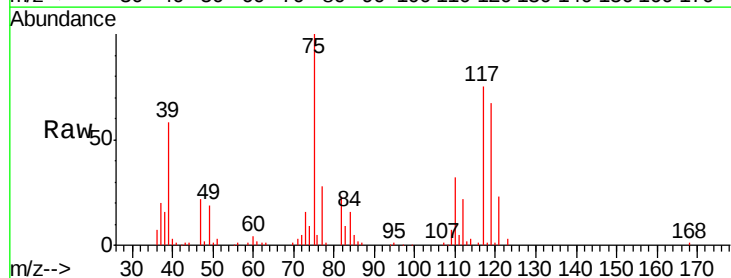
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

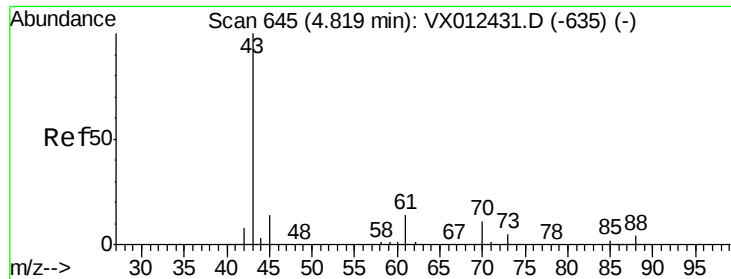
Tgt Ion: 113 Resp: 93249
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 17.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 19.045 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 75 Resp: 59448
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.7 50.0
 77 30.9 24.2 36.2

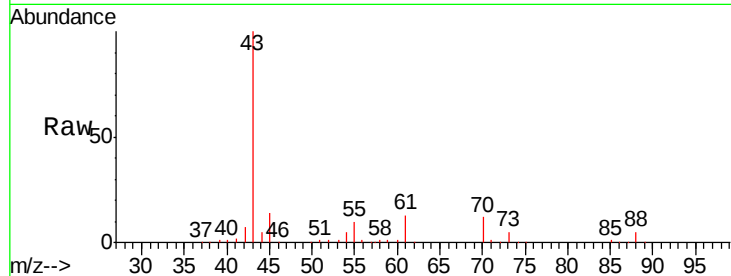




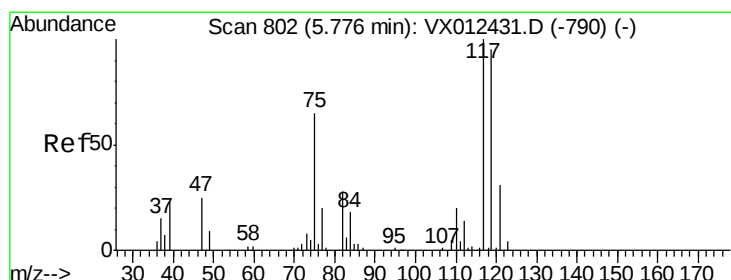
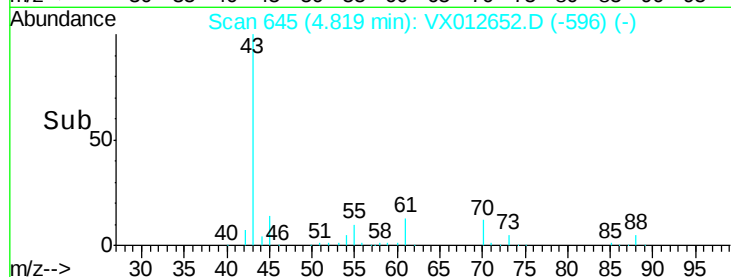
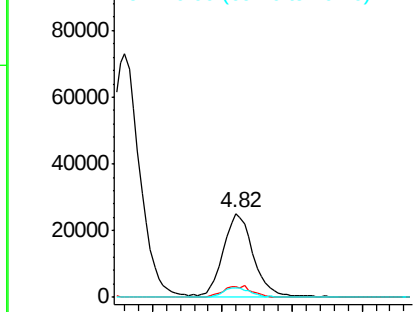
#37
Ethyl Acetate
Concen: 20.312 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 43 Resp: 74128
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 11.3 8.7 13.1

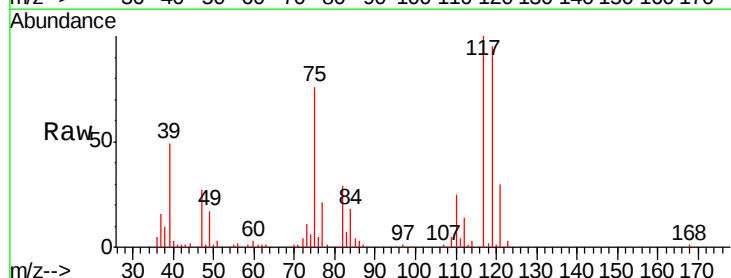


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

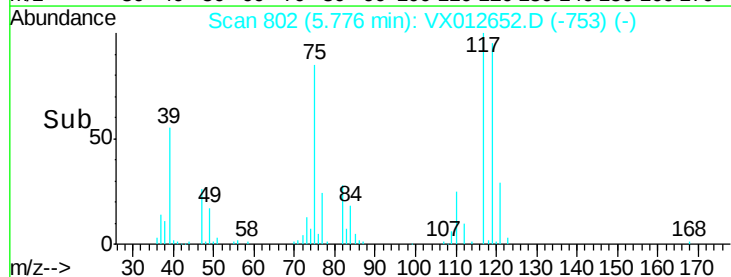
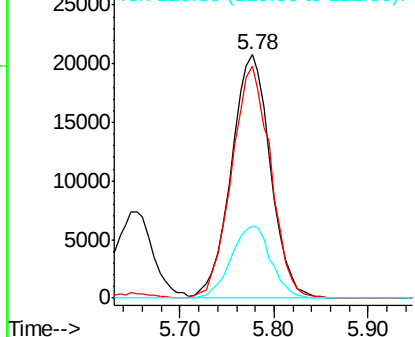


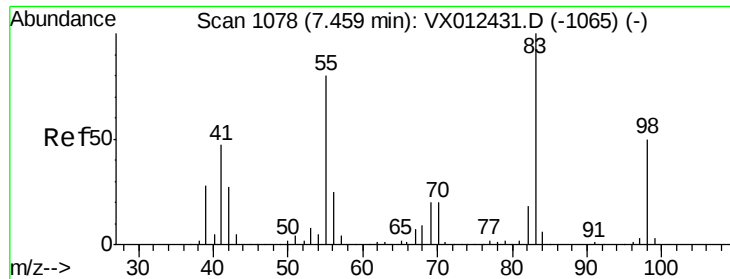
#38
Carbon Tetrachloride
Concen: 18.951 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 117 Resp: 60091
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5
121 29.7 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

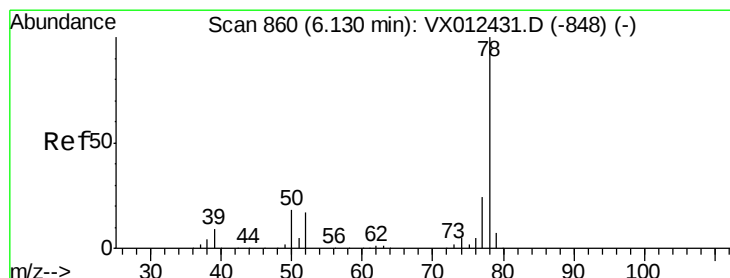
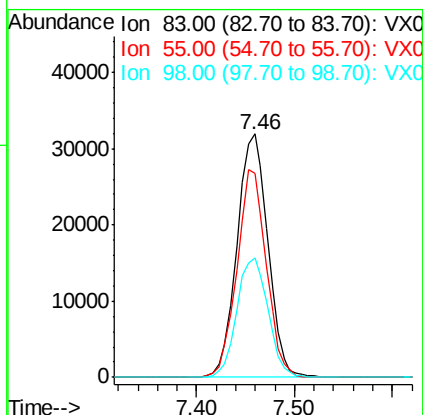
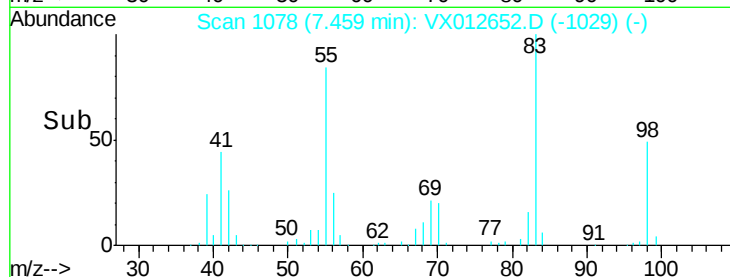
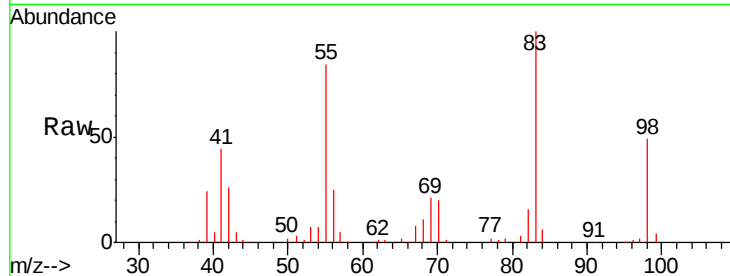




#39
Methylcyclohexane
Concen: 18.654 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

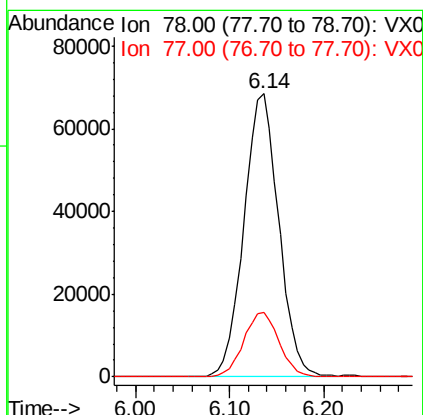
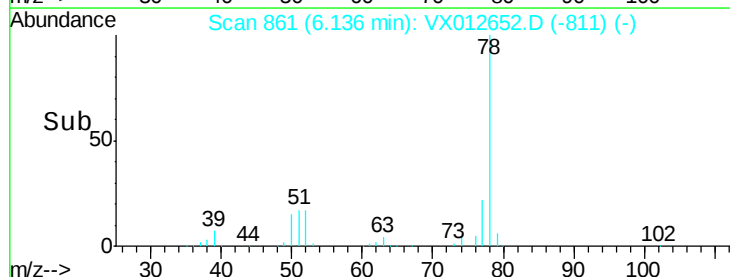
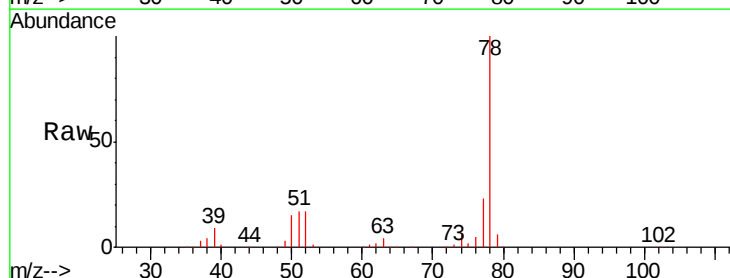
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

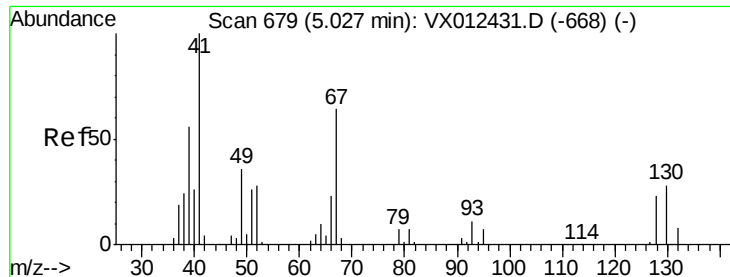
Tgt Ion: 83 Resp: 70099
Ion Ratio Lower Upper
83 100
55 83.8 64.4 96.6
98 49.1 40.1 60.1



#40
Benzene
Concen: 19.374 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 78 Resp: 177938
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8

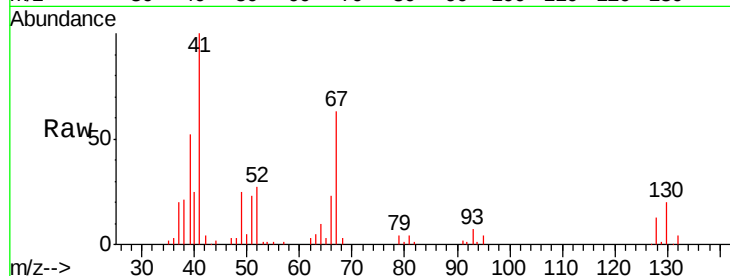




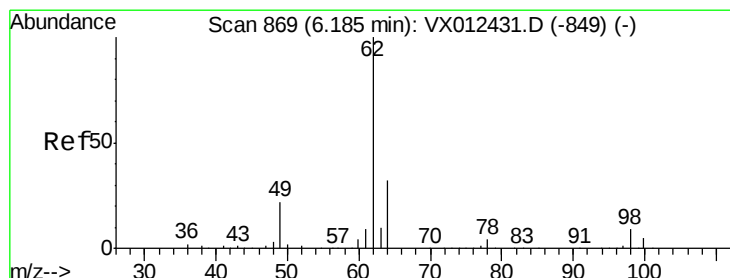
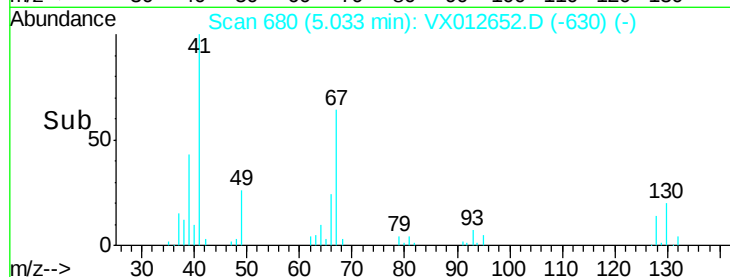
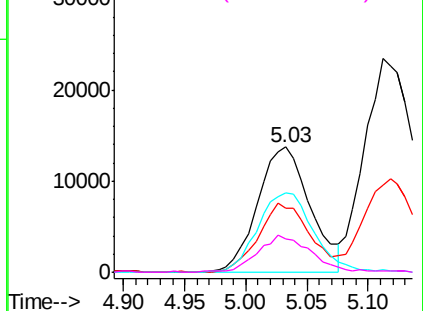
#41
Methacrylonitrile
Concen: 20.121 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:	41	Resp:	41199
Ion	Ratio	Lower	Upper
41	100		
39	53.3	46.0	69.0
67	67.5	52.2	78.2
52	29.5	22.7	34.1

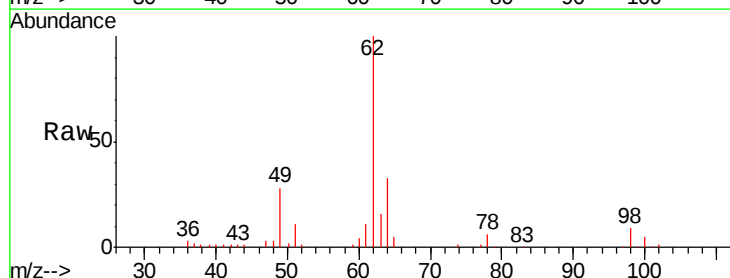


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

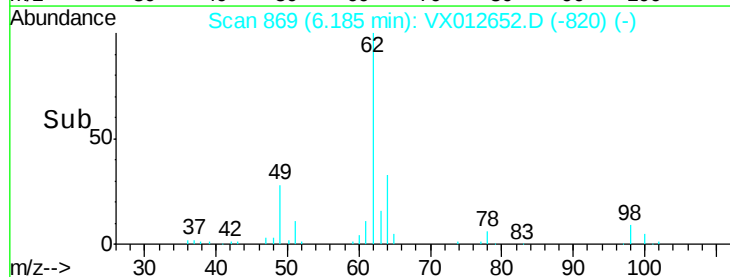
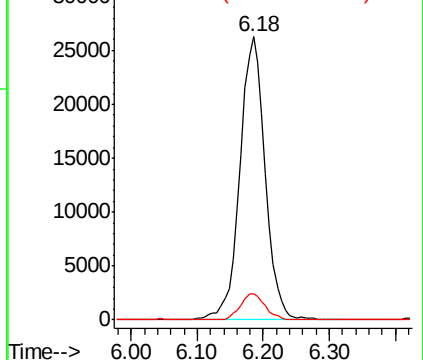


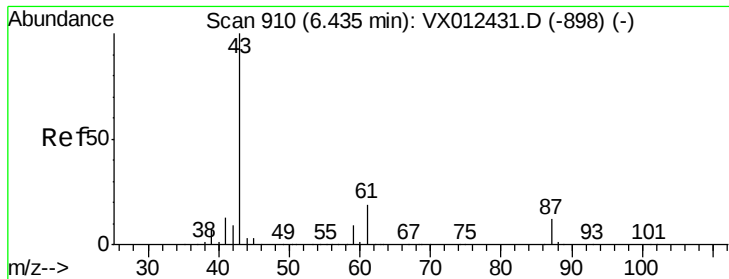
#42
1,2-Dichloroethane
Concen: 19.946 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion:	62	Resp:	69567
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.560 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

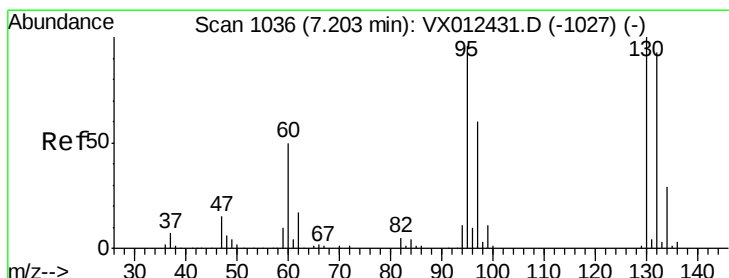
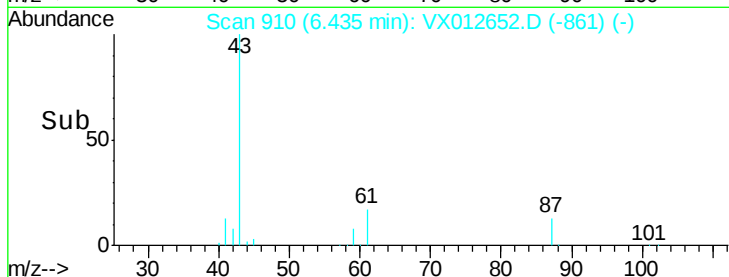
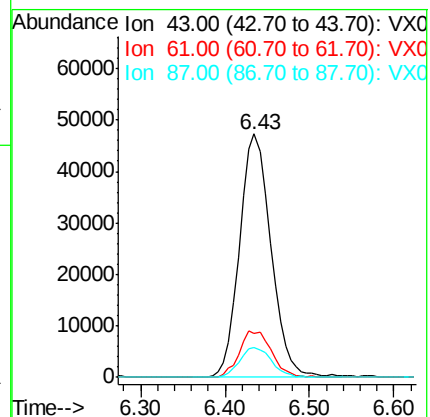
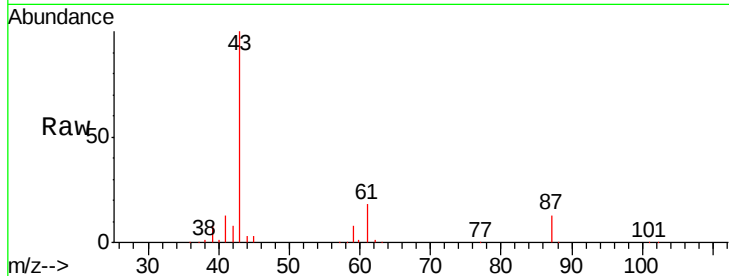
Tgt Ion: 43 Resp: 119372

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

87 12.6 9.8 14.8



#44

Trichloroethene

Concen: 18.692 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012652.D

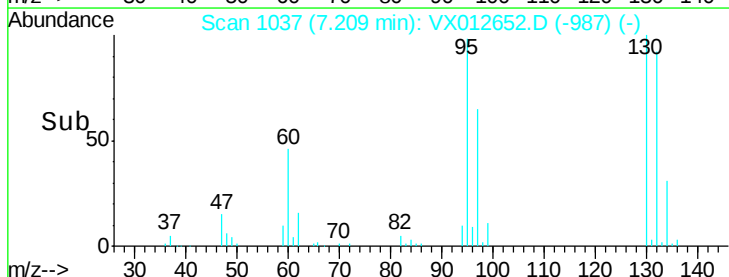
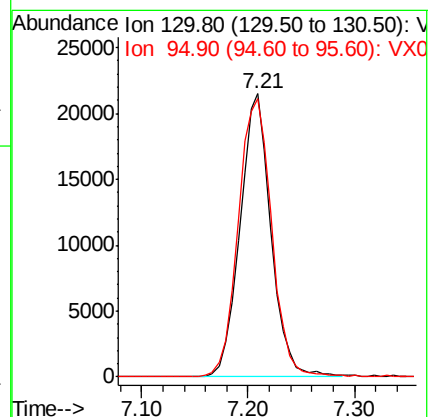
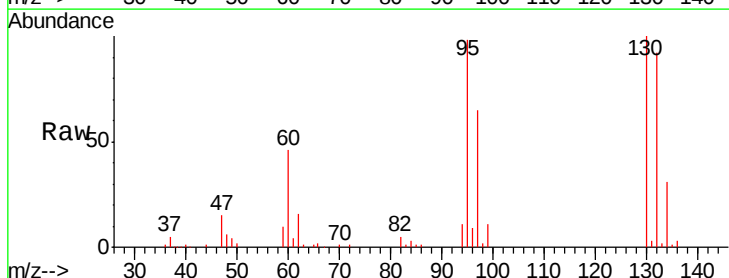
Acq: 25 Sep 2019 11:35

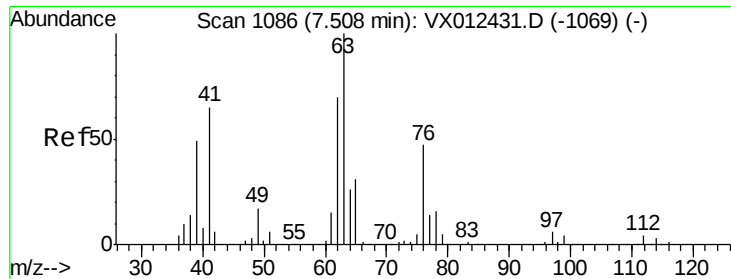
Tgt Ion: 130 Resp: 43889

Ion Ratio Lower Upper

130 100

95 98.1 0.0 193.0

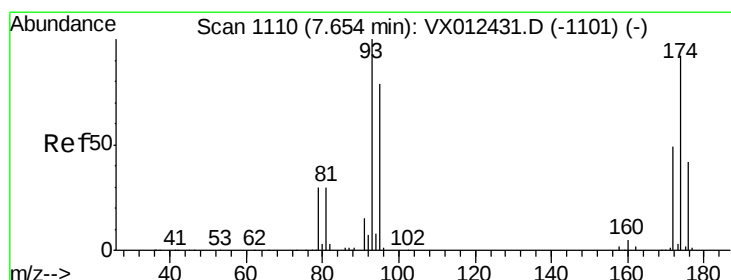
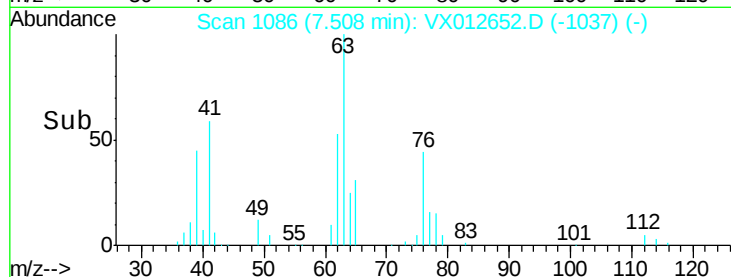
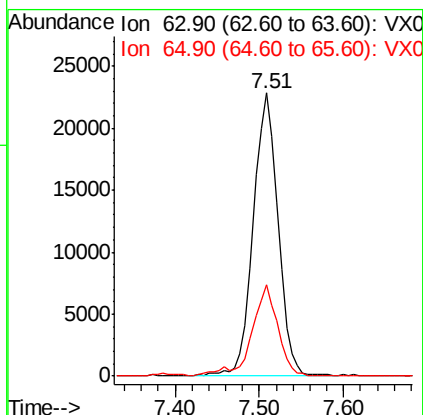
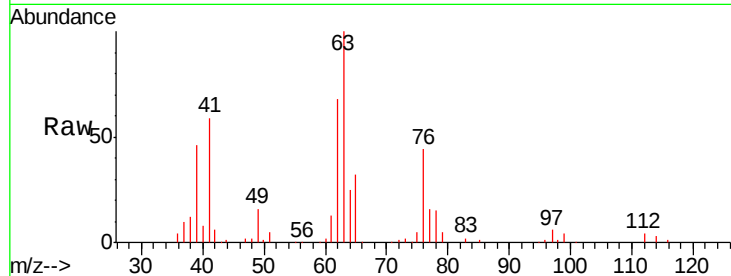




#45
 1,2-Dichloropropane
 Concen: 19.545 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

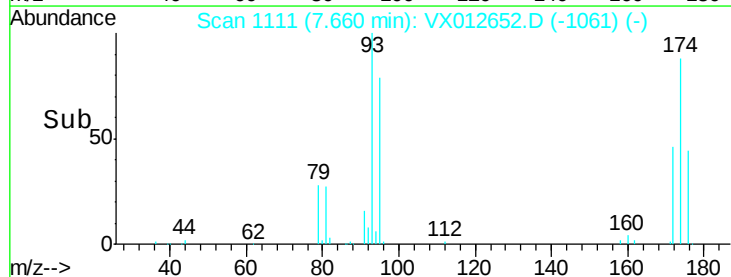
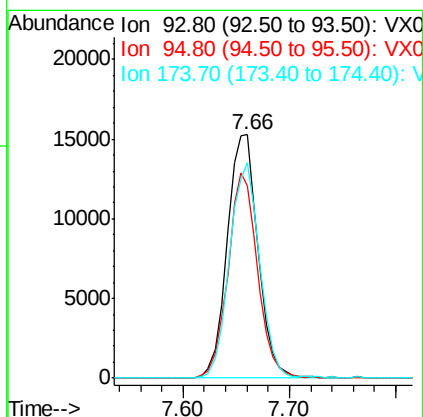
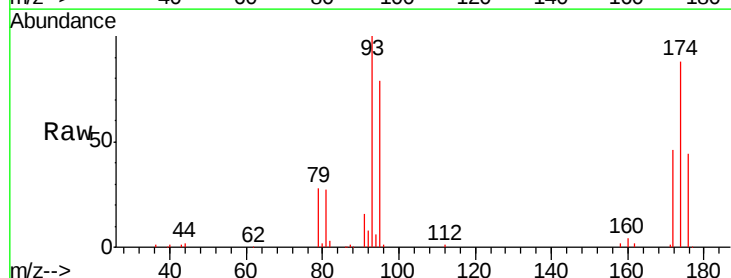
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

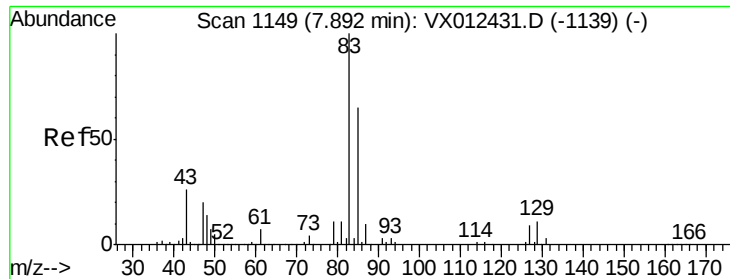
Tgt Ion: 63 Resp: 45959
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.6



#46
 Dibromomethane
 Concen: 19.354 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 93 Resp: 30985
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.6 100.0
 174 86.7 77.4 116.0





#47

Bromodichloromethane

Concen: 18.942 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

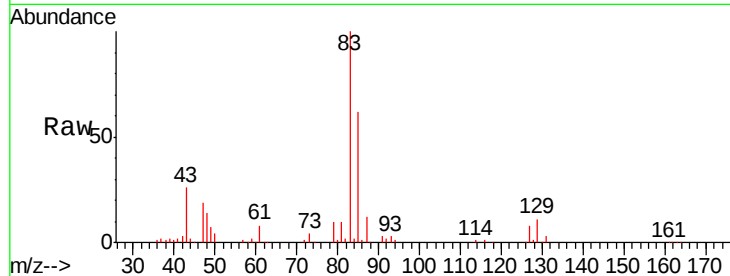
Tgt Ion: 83 Resp: 60610

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.6

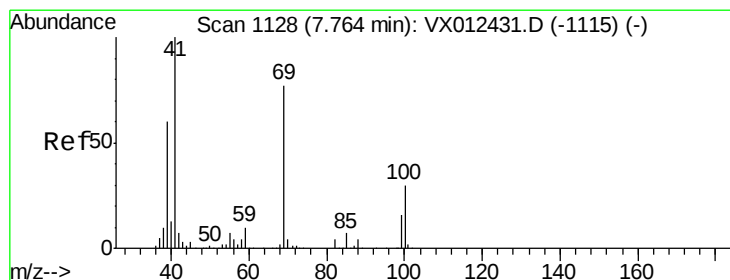
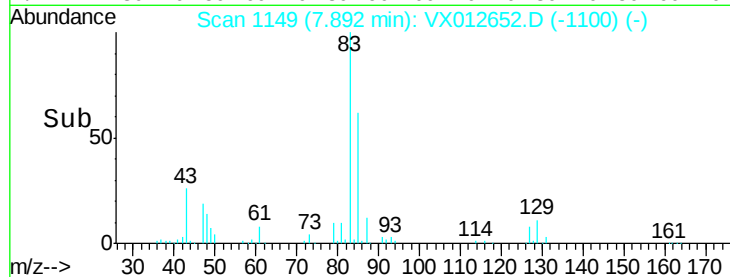
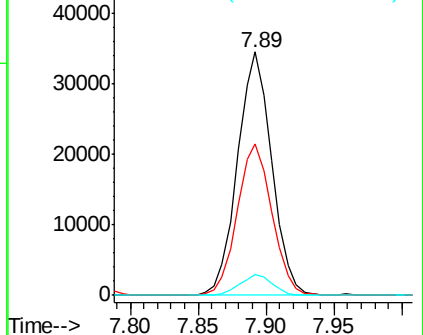
127 8.4 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 19.643 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

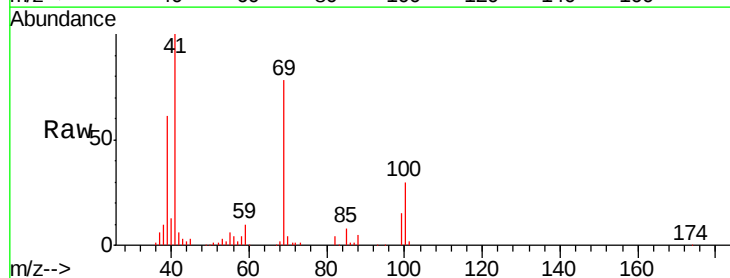
Tgt Ion: 41 Resp: 57482

Ion Ratio Lower Upper

41 100

69 78.2 59.9 89.9

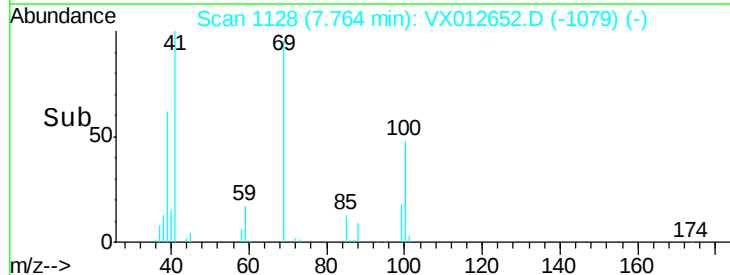
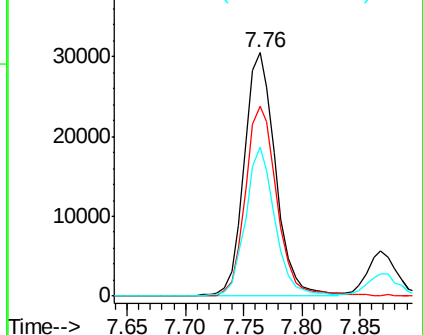
39 57.6 47.8 71.6

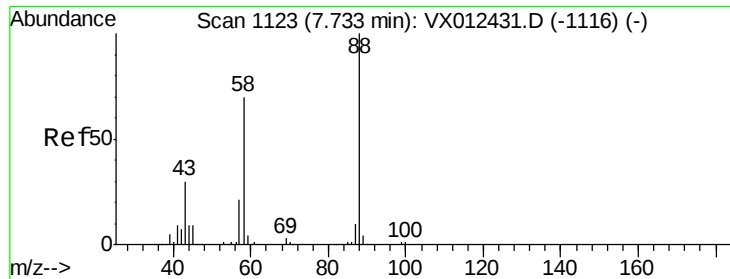


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

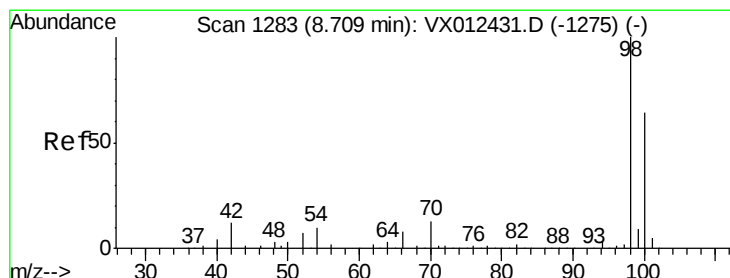
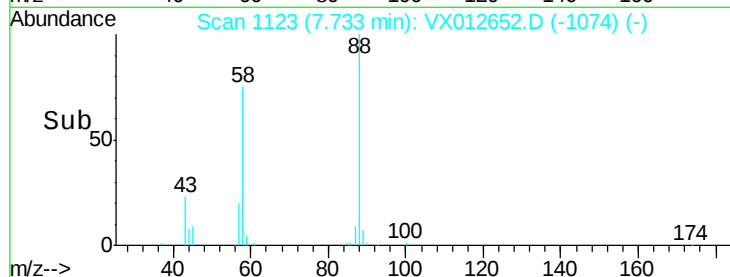
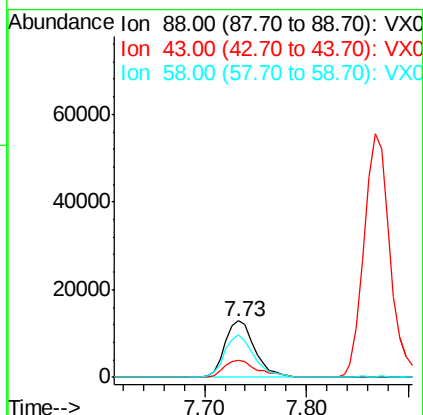
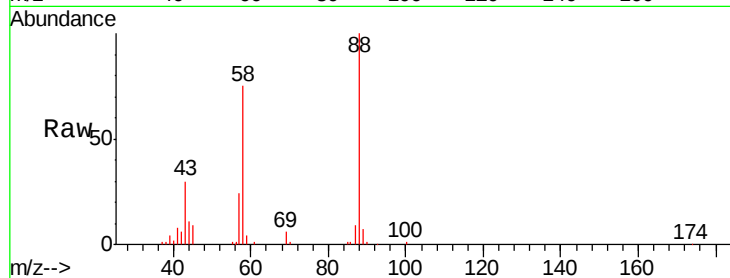




#49
1,4-Dioxane
Concen: 398.740 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

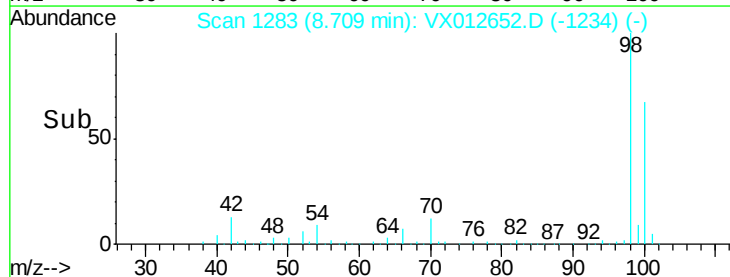
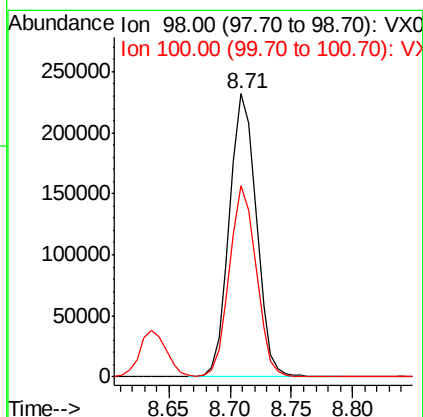
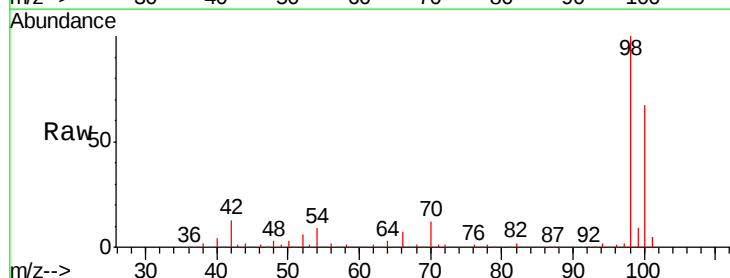
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

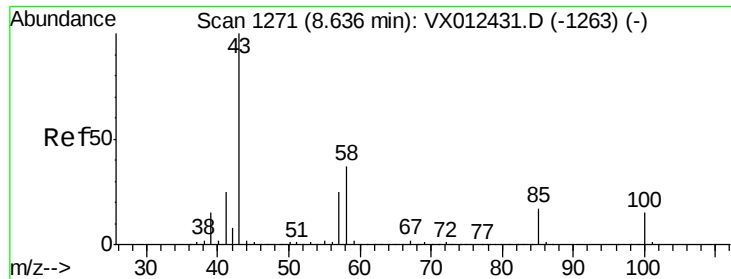
Tgt Ion: 88 Resp: 26466
Ion Ratio Lower Upper
88 100
43 35.3 29.4 44.0
58 74.0 57.5 86.3



#50
Toluene-d8
Concen: 47.815 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 98 Resp: 355134
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 99.048 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

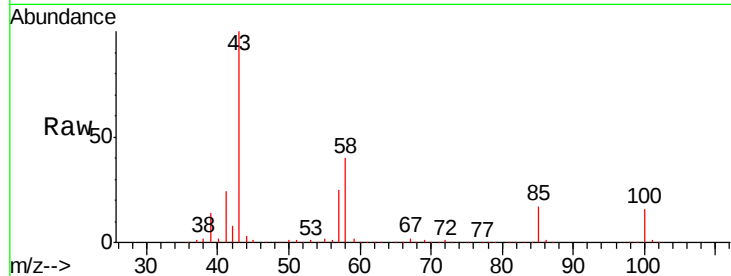
VX0925WBS01

Tgt Ion: 43 Resp: 373135

Ion Ratio Lower Upper

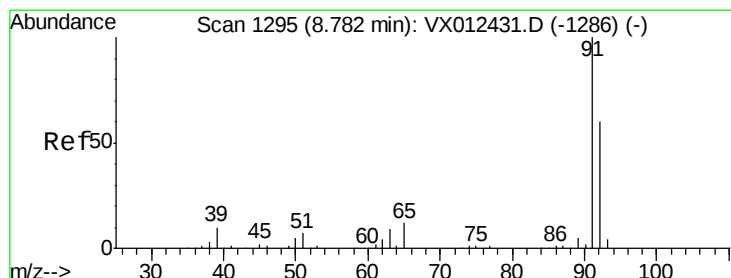
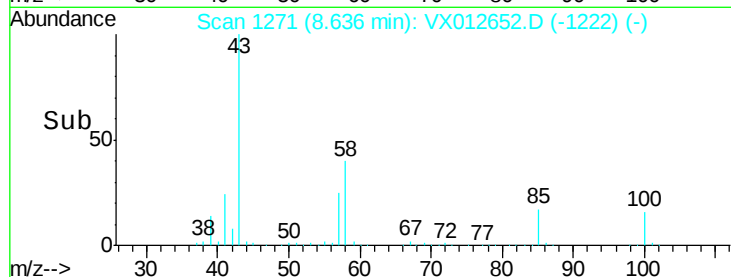
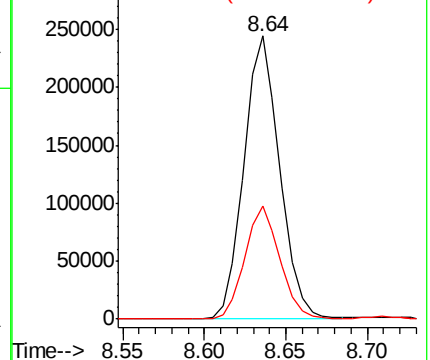
43 100

58 39.1 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.041 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012652.D

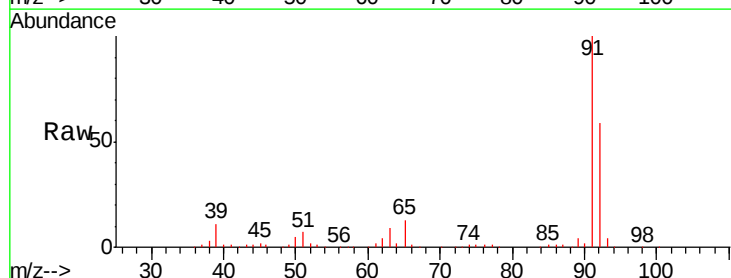
Acq: 25 Sep 2019 11:35

Tgt Ion: 92 Resp: 109912

Ion Ratio Lower Upper

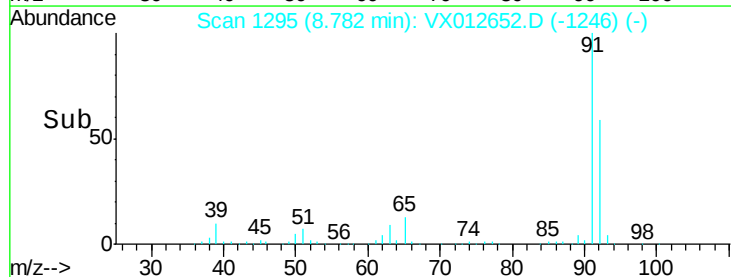
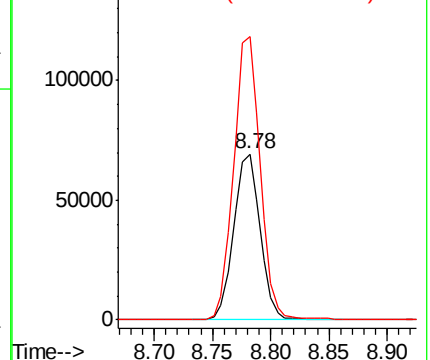
92 100

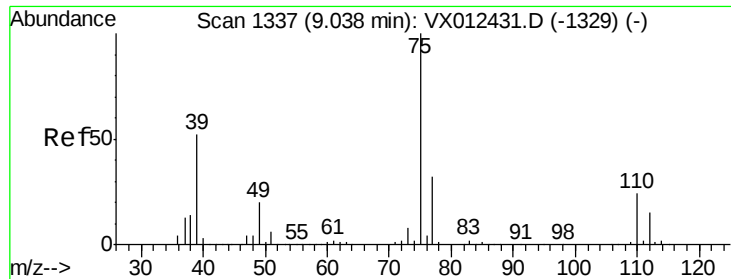
91 171.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

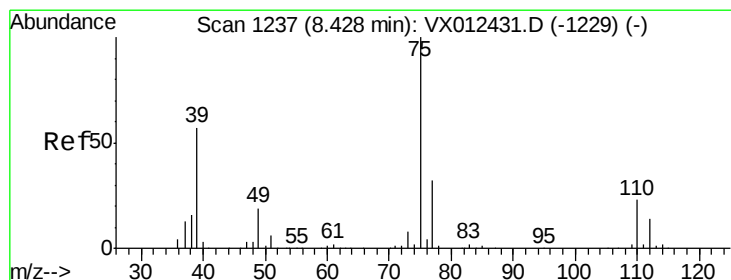
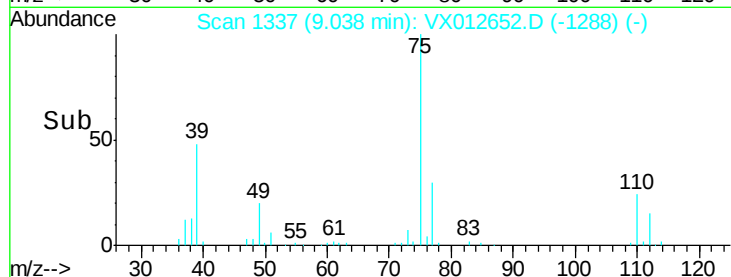
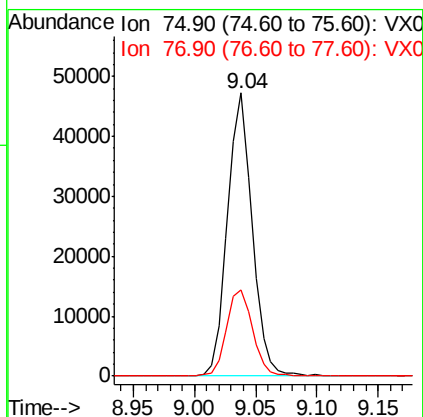
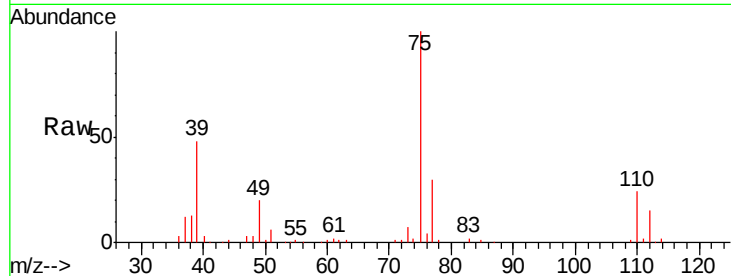




#53
 t-1,3-Dichloropropene
 Concen: 18.695 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

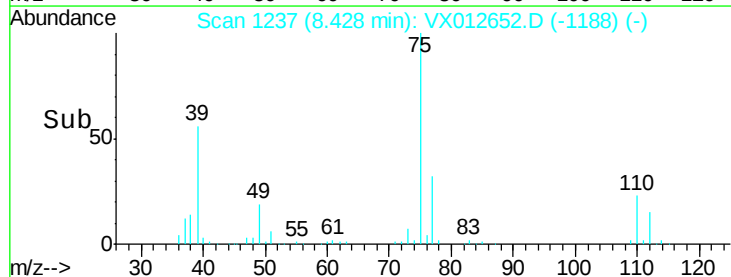
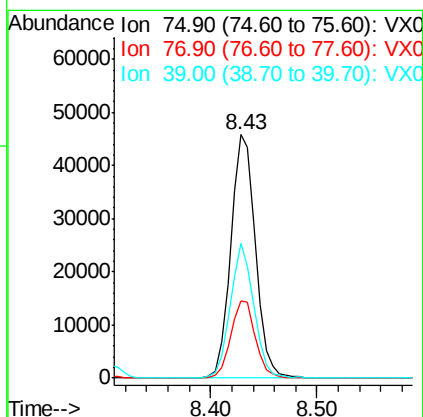
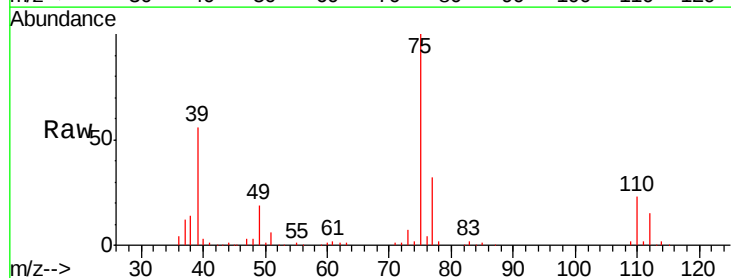
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0925WBS01

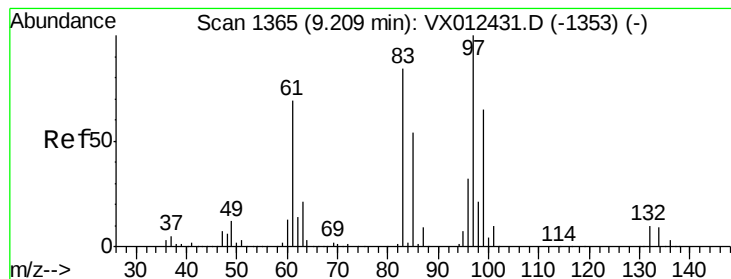
Tgt Ion: 75 Resp: 66186
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.252 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 75 Resp: 74418
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 55.6 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 19.530 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tgt Ion: 97 Resp: 44821

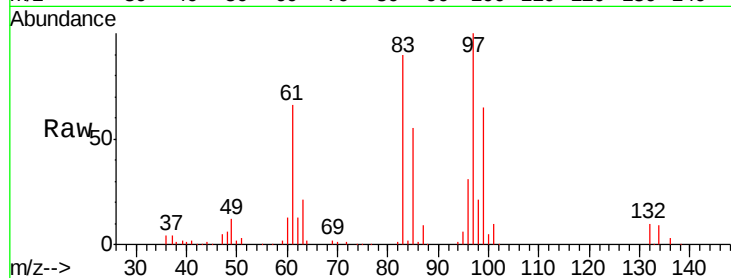
Ion Ratio Lower Upper

97 100

83 89.6 67.4 101.2

85 54.8 43.5 65.3

99 64.8 51.8 77.8

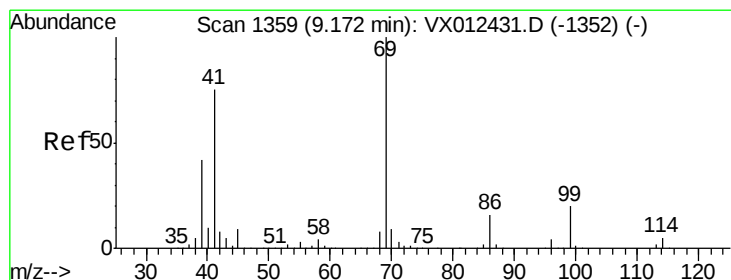
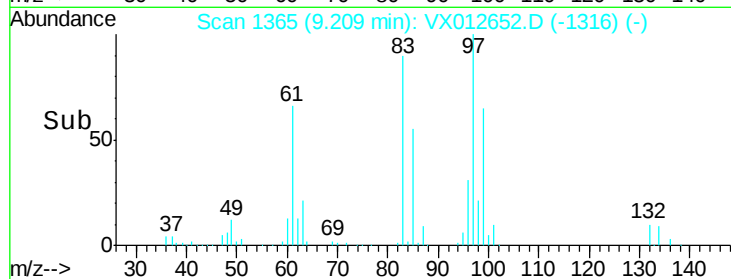
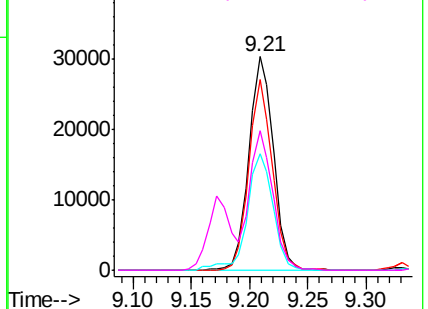


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.475 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

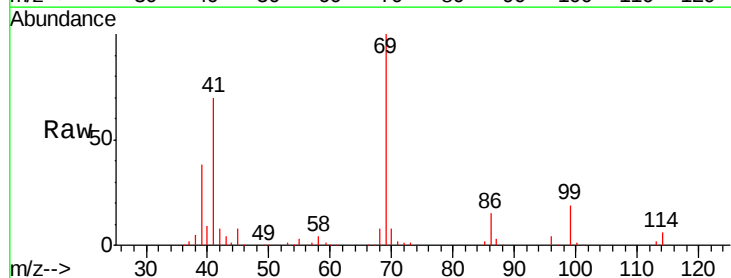
Tgt Ion: 69 Resp: 75086

Ion Ratio Lower Upper

69 100

41 69.1 58.4 87.6

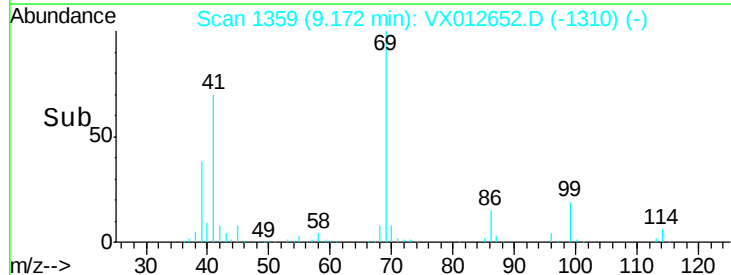
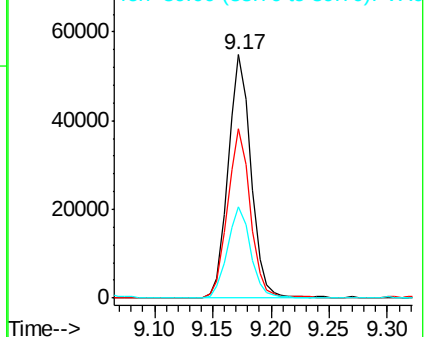
39 38.1 33.4 50.0

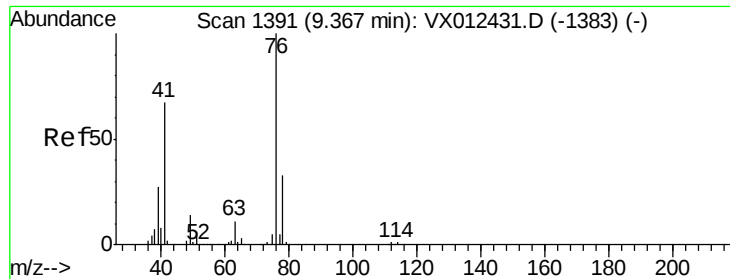


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

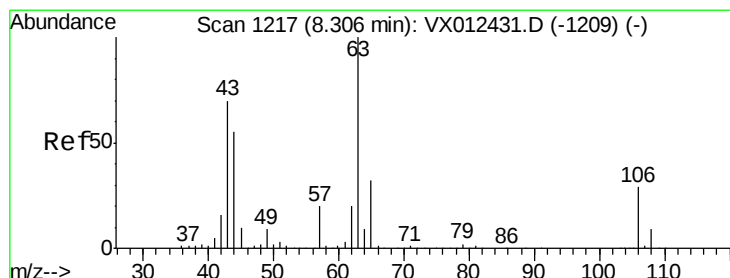
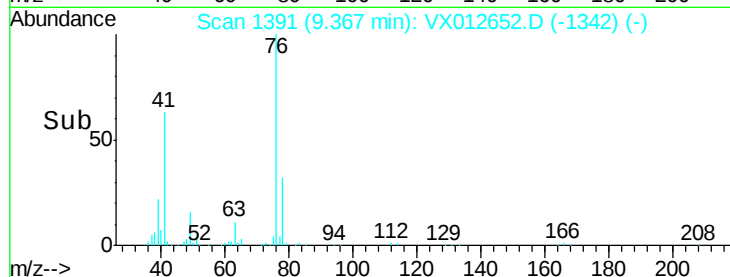
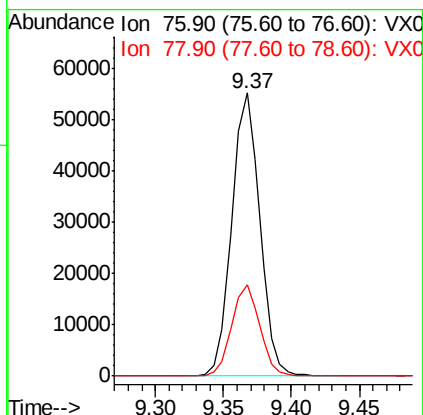
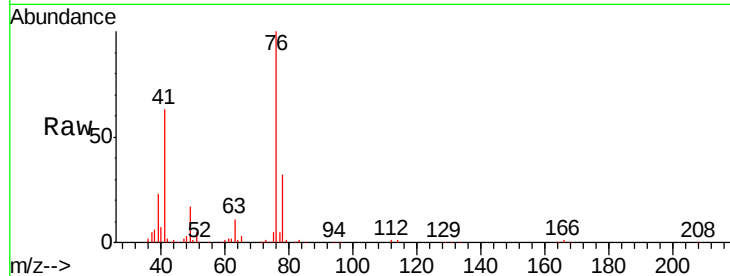




#57
 1,3-Dichloropropane
 Concen: 19.755 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

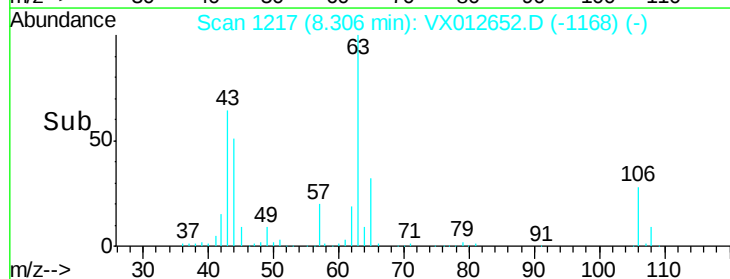
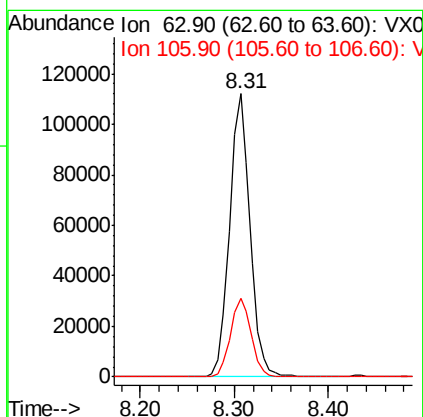
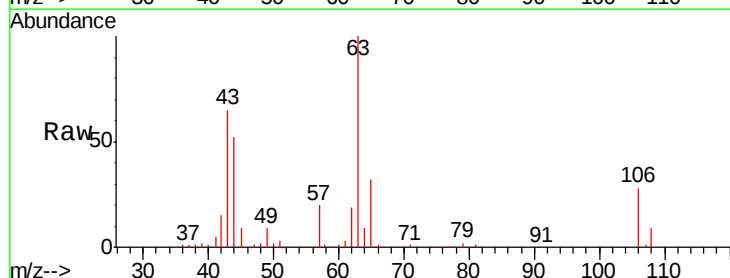
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

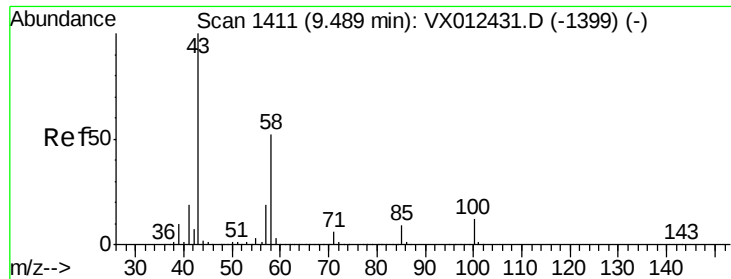
Tgt Ion: 76 Resp: 79346
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.649 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 63 Resp: 168998
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.8 35.6

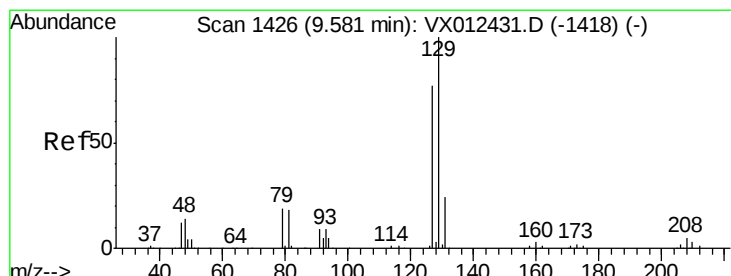
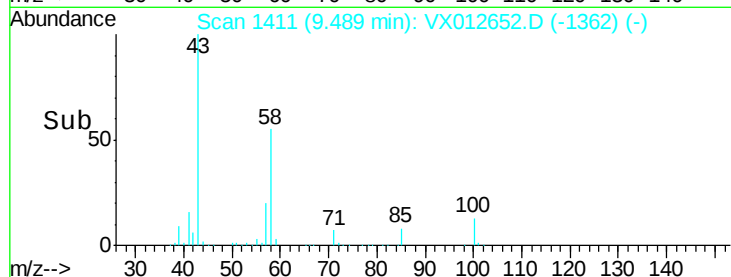
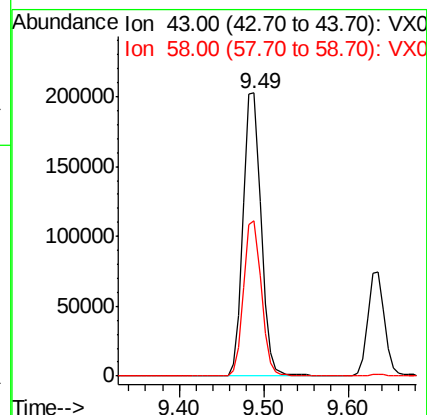
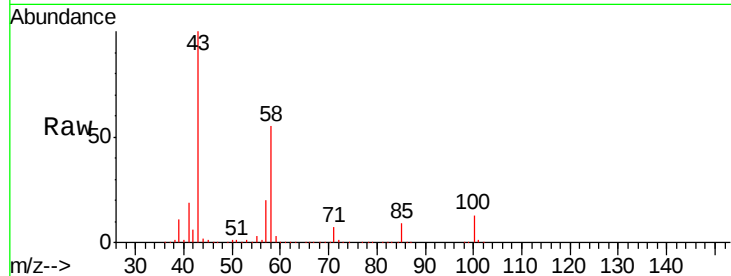




#59
2-Hexanone
Concen: 100.733 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

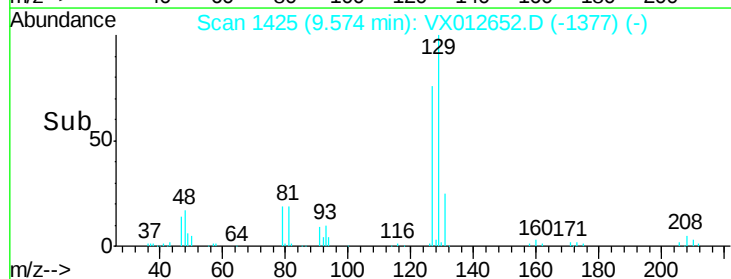
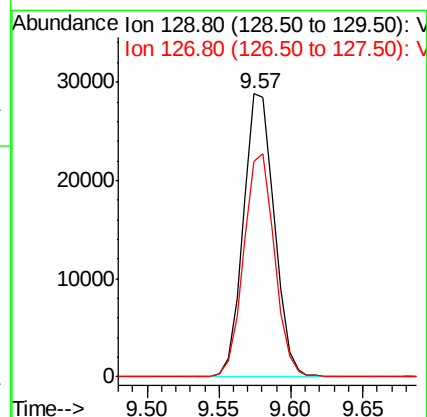
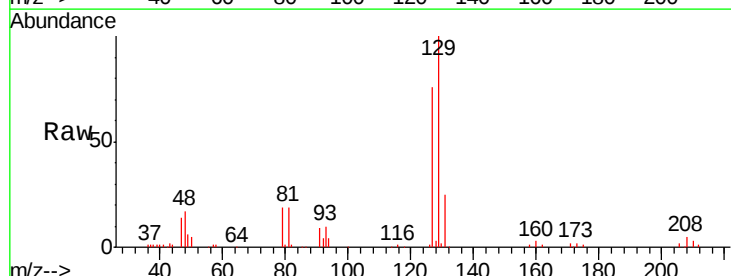
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

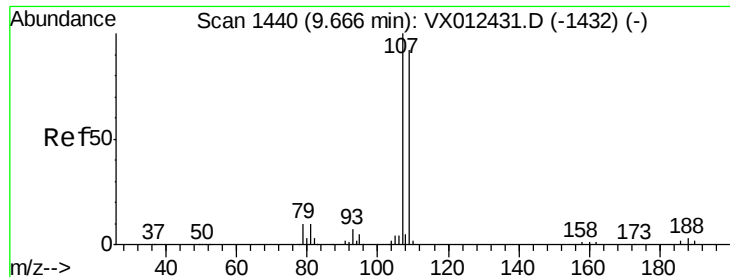
Tgt Ion: 43 Resp: 290473
Ion Ratio Lower Upper
43 100
58 54.1 25.7 77.1



#60
Dibromochloromethane
Concen: 18.513 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 129 Resp: 43009
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.124 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

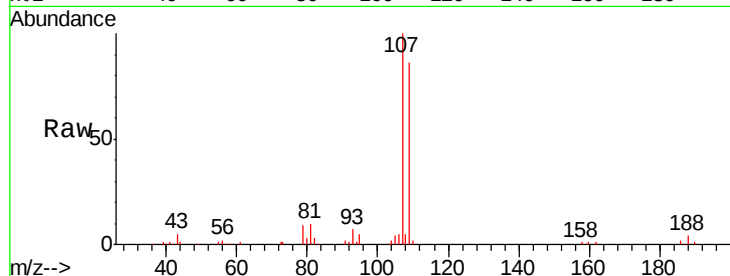
VX0925WBS01

Tgt Ion: 107 Resp: 48064

Ion Ratio Lower Upper

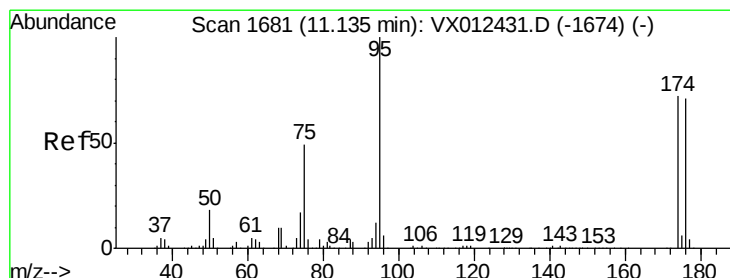
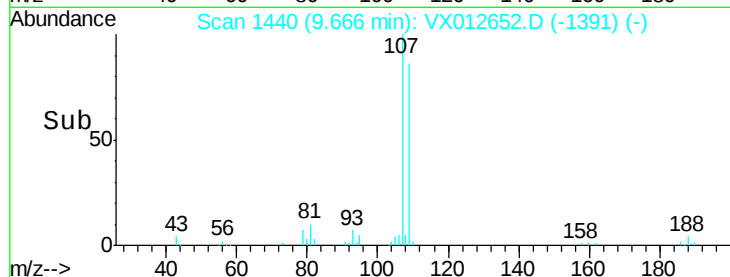
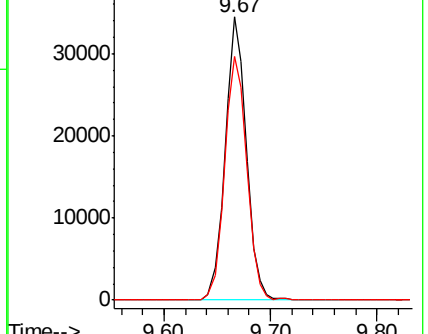
107 100

109 90.0 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.093 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

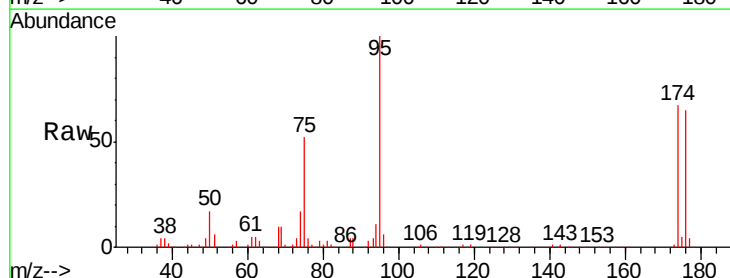
Tgt Ion: 95 Resp: 137532

Ion Ratio Lower Upper

95 100

174 66.1 0.0 140.0

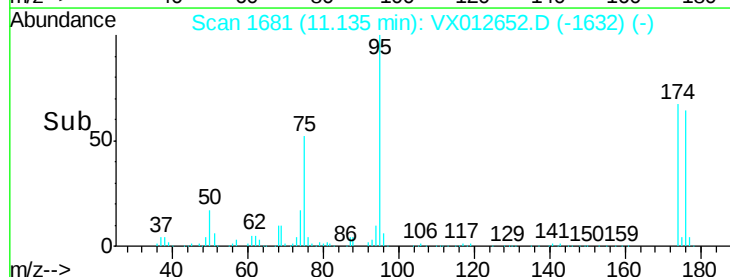
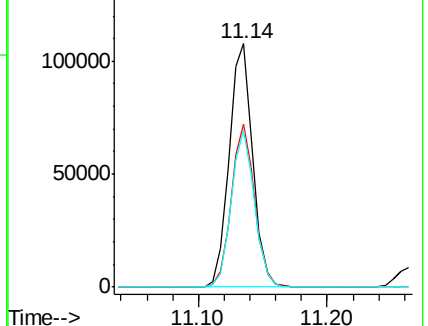
176 63.7 0.0 135.4

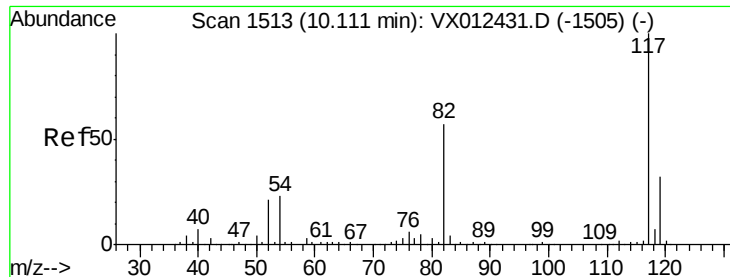


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

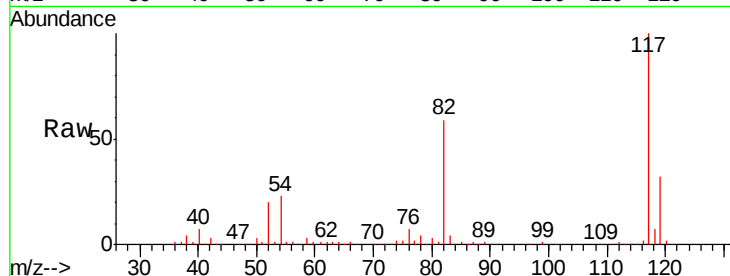




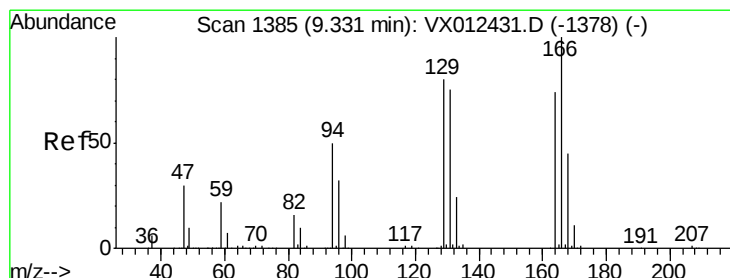
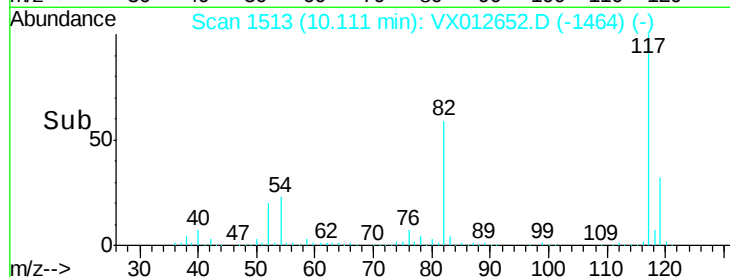
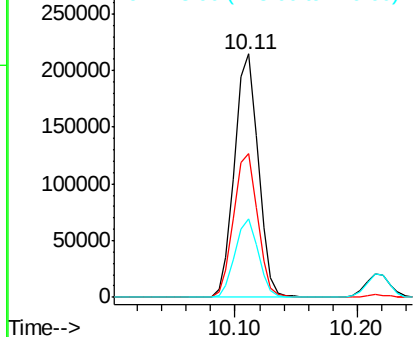
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:117 Resp: 288140
Ion Ratio Lower Upper
117 100
82 59.1 45.9 68.9
119 32.5 25.3 37.9

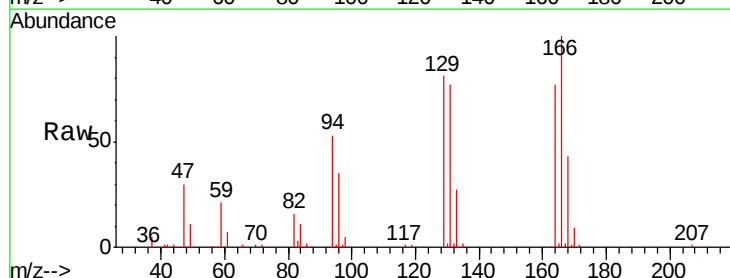


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

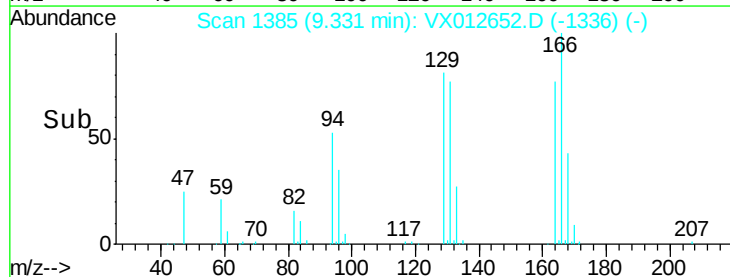
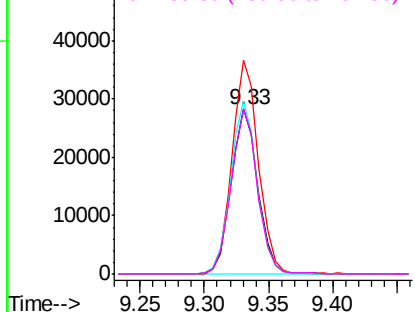


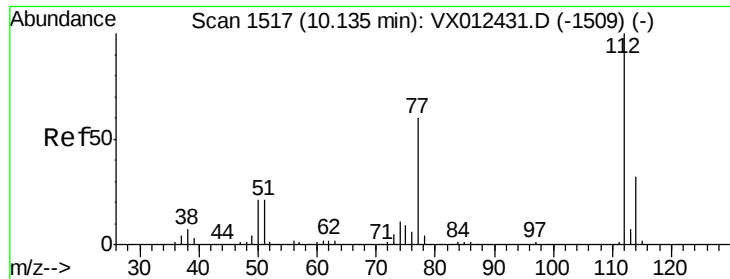
#64
Tetrachloroethene
Concen: 20.378 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion:164 Resp: 40939
Ion Ratio Lower Upper
164 100
166 129.5 107.8 161.6
129 105.0 86.2 129.2
131 99.8 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

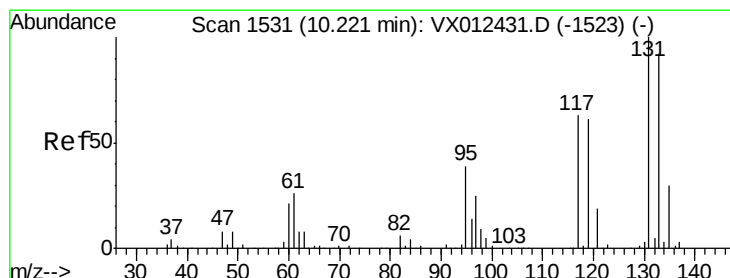
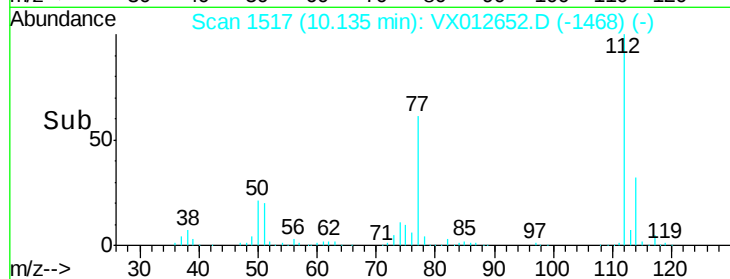
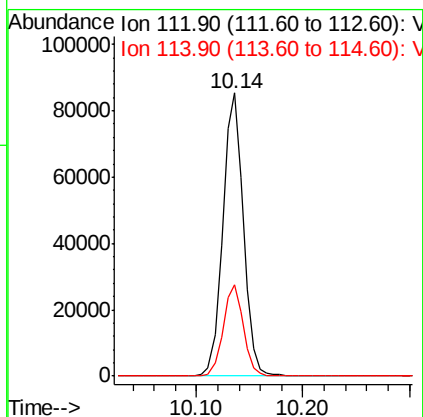
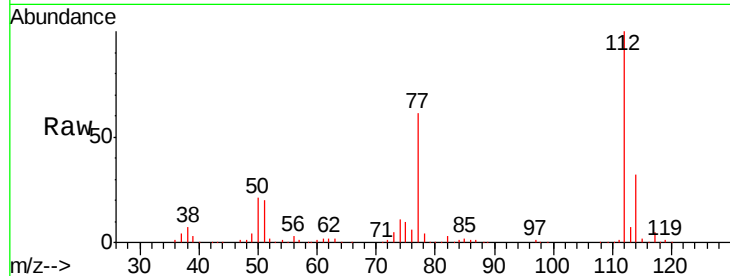




#65
Chlorobenzene
Concen: 18.970 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

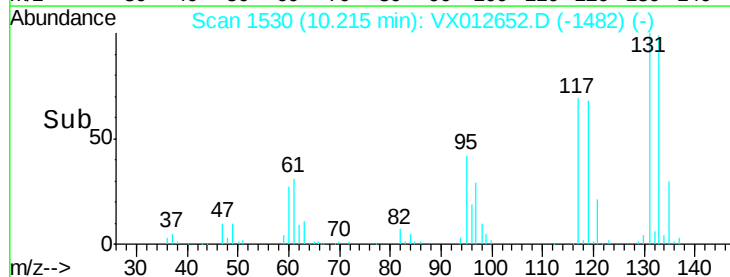
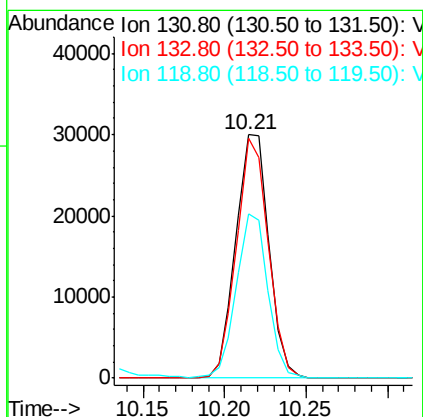
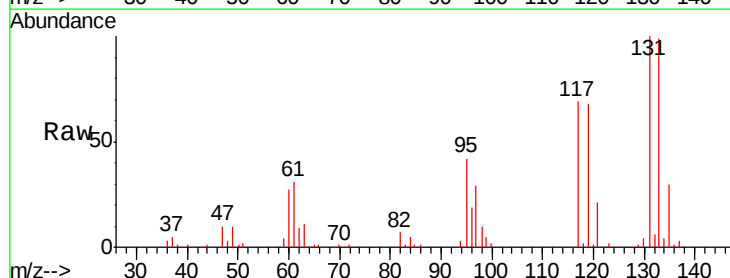
Instrument :
MSVOA_X
ClientSampled :
VX0925WBS01

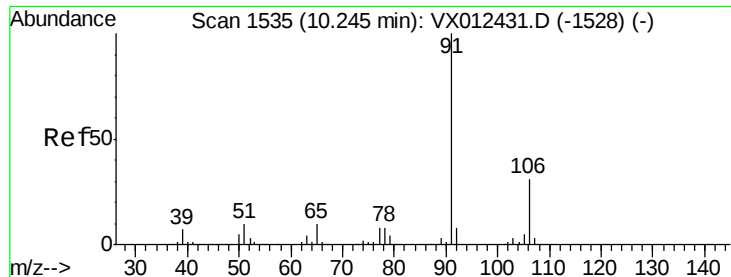
Tgt Ion:112 Resp: 115106
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.385 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion:131 Resp: 42617
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 64.4 31.3 93.8

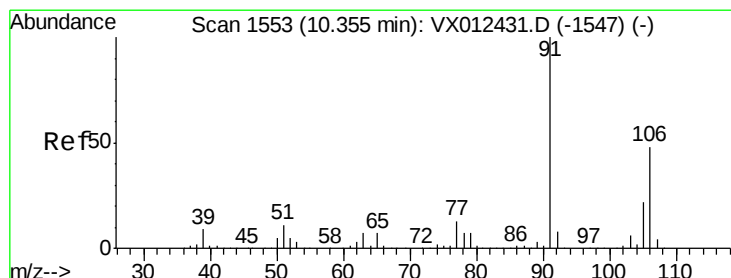
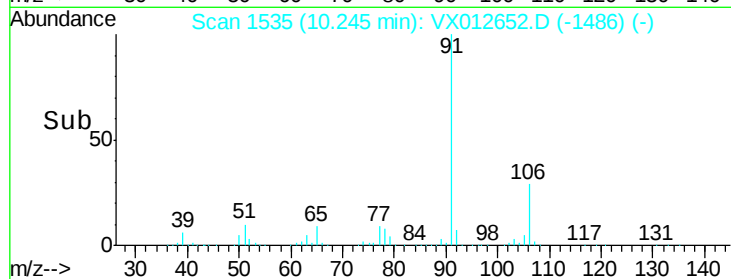
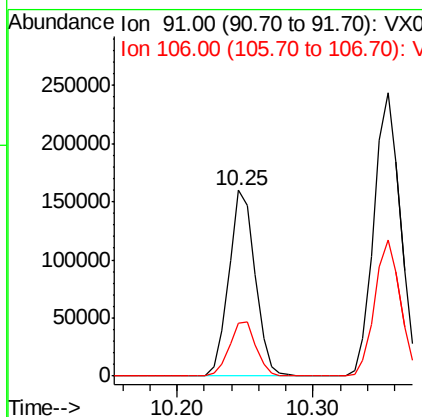
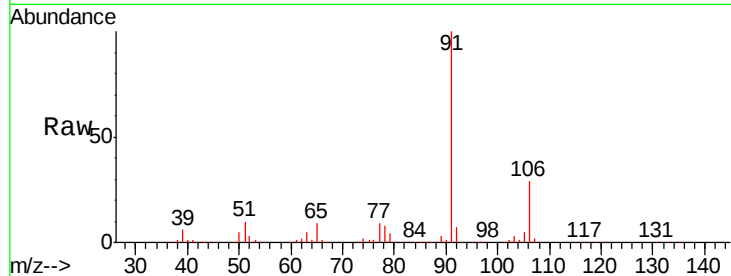




#67
Ethyl Benzene
Concen: 19.600 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

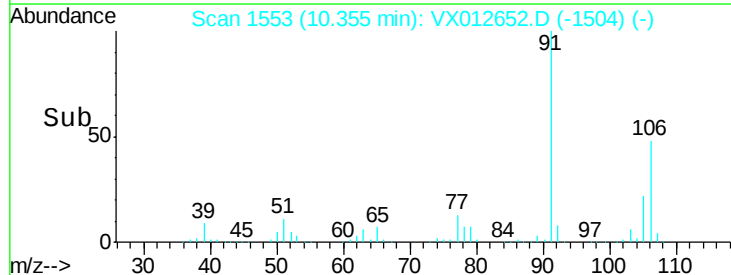
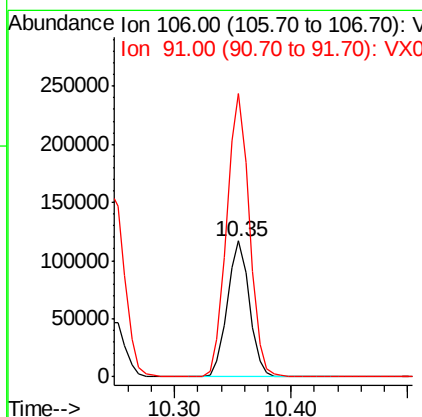
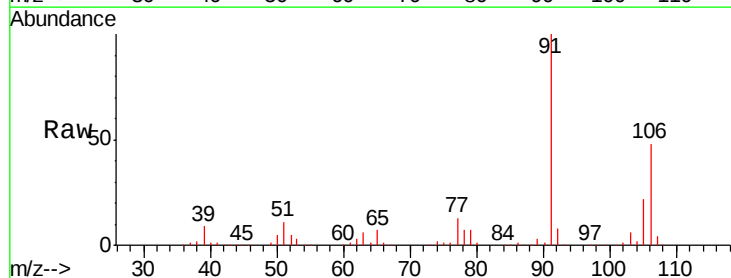
Instrument :
MSVOA_X
ClientSampled :
VX0925WBS01

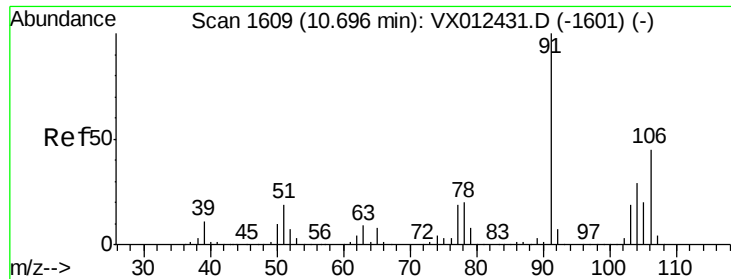
Tgt Ion: 91 Resp: 215697
Ion Ratio Lower Upper
91 100
106 28.8 24.6 37.0



#68
m/p-Xylenes
Concen: 37.669 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 106 Resp: 155292
Ion Ratio Lower Upper
106 100
91 213.1 166.6 250.0

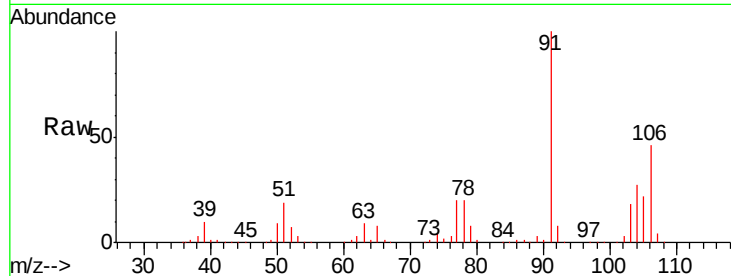




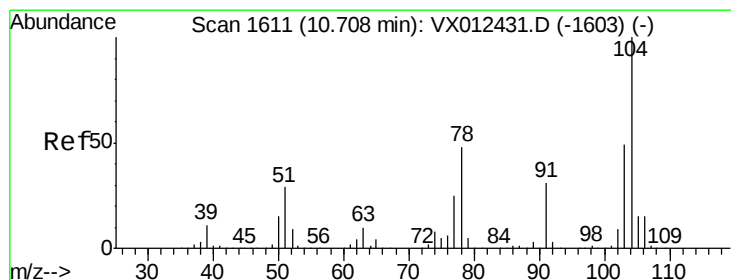
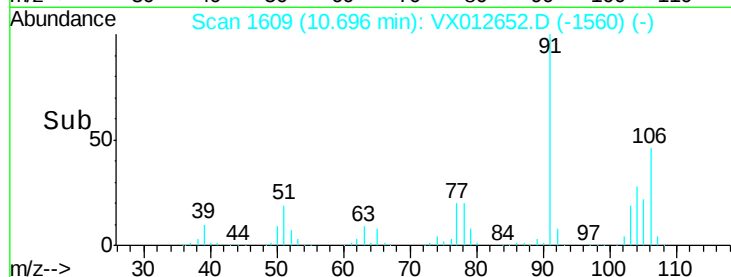
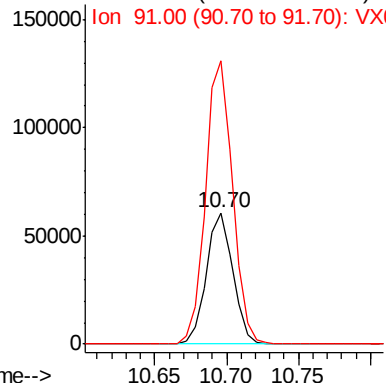
#69
o-Xylene
Concen: 19.594 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampled :
VX0925WBS01

Tgt Ion:106 Resp: 78160
Ion Ratio Lower Upper
106 100
91 220.2 109.4 328.2

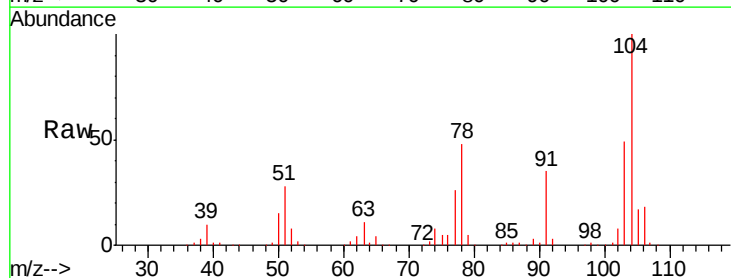


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

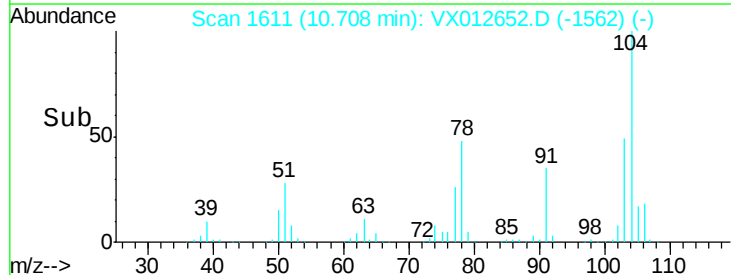
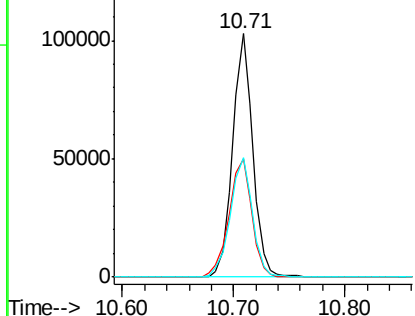


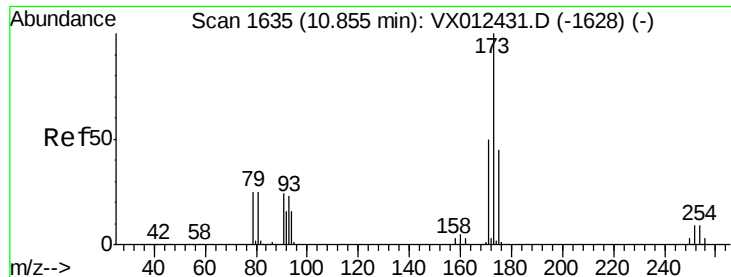
#70
Styrene
Concen: 19.203 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion:104 Resp: 128418
Ion Ratio Lower Upper
104 100
78 55.4 43.4 65.2
103 54.2 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.151 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

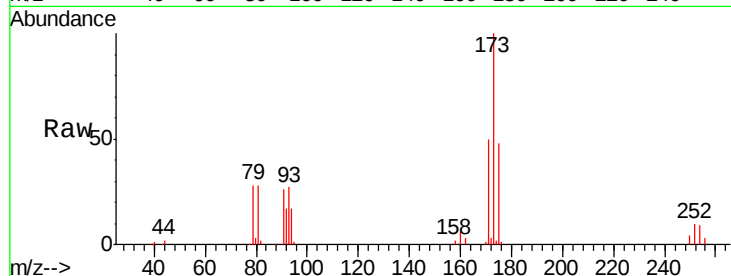
Tgt Ion:173 Resp: 27786

Ion Ratio Lower Upper

173 100

175 49.4 23.7 71.1

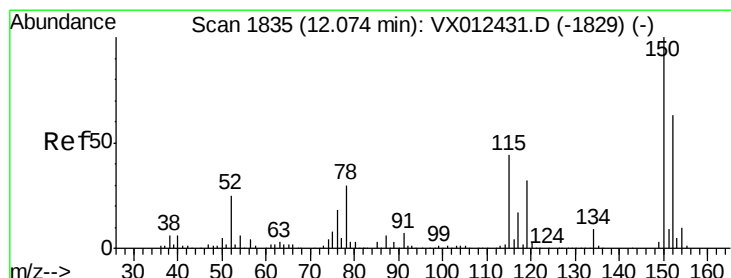
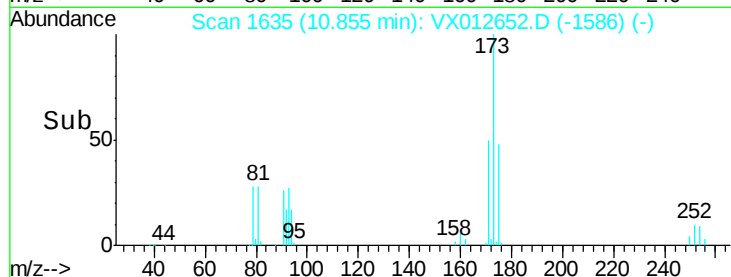
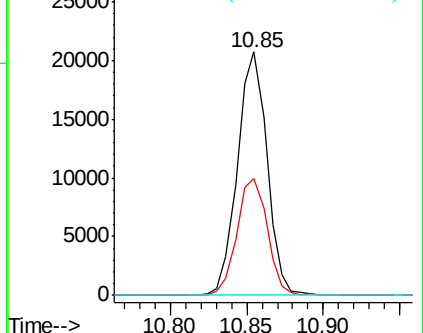
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

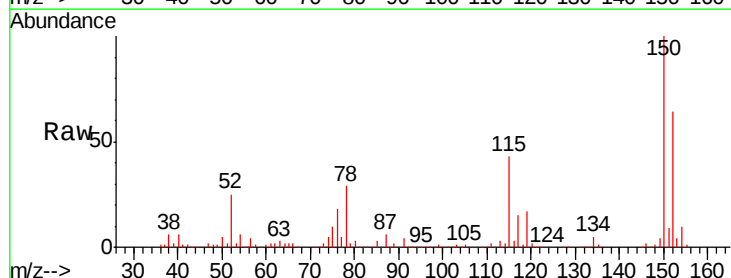
Tgt Ion:152 Resp: 126940

Ion Ratio Lower Upper

152 100

115 75.6 44.1 132.3

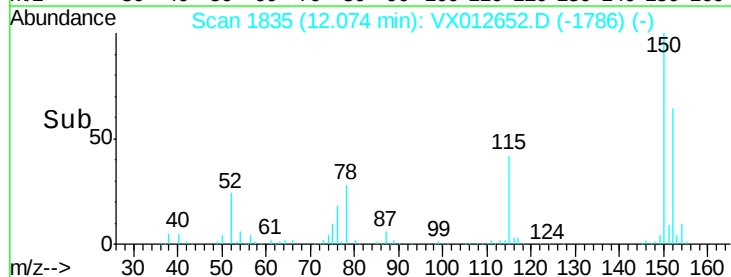
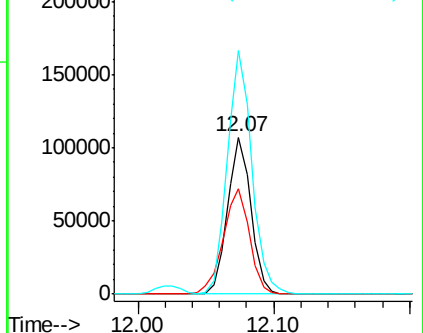
150 163.7 0.0 343.8

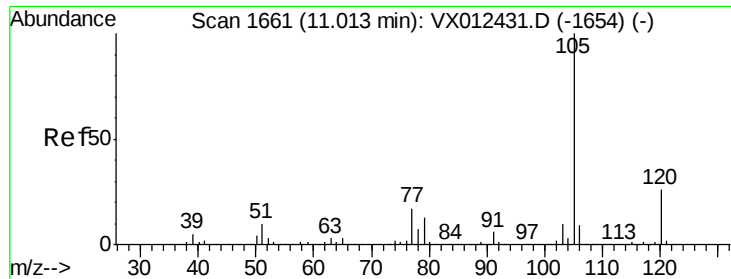


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.084 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

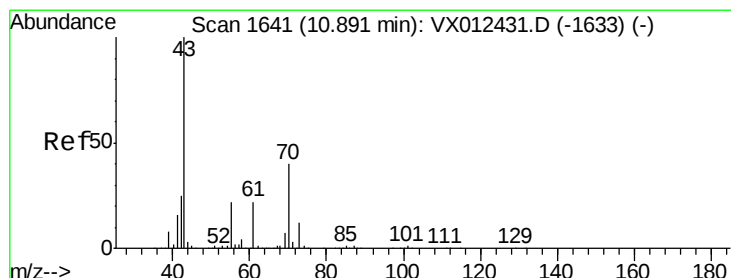
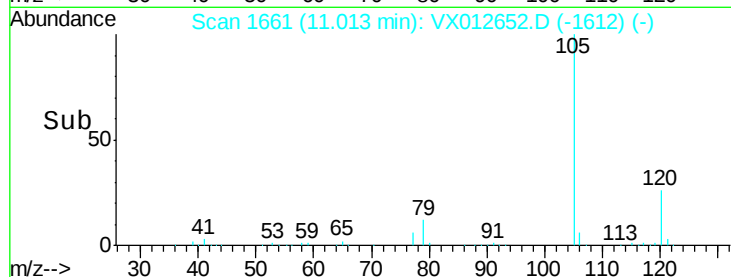
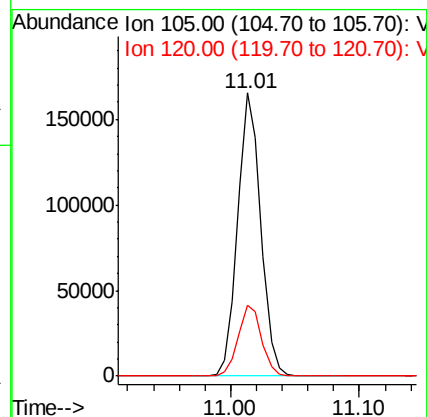
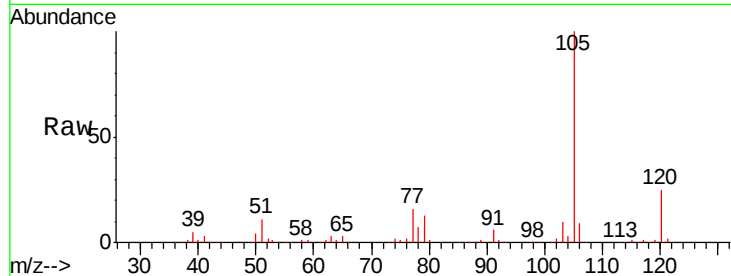
VX0925WBS01

Tgt Ion: 105 Resp: 207645

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.7



#74

N-ethyl acetate

Concen: 19.756 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion: 43 Resp: 97442

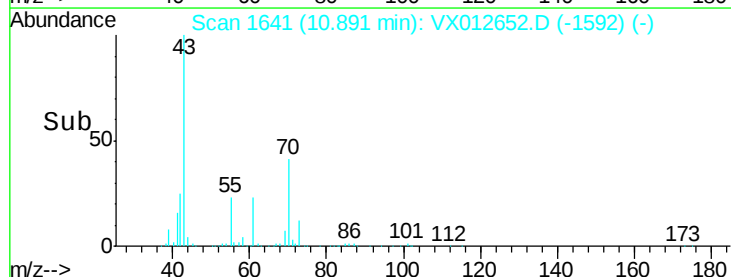
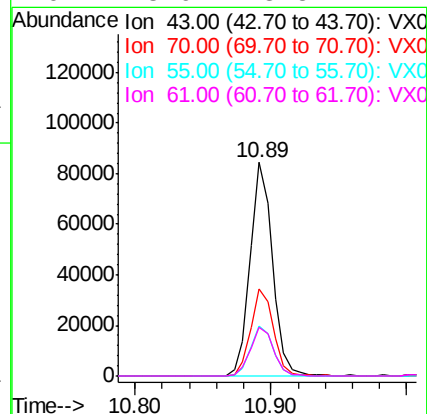
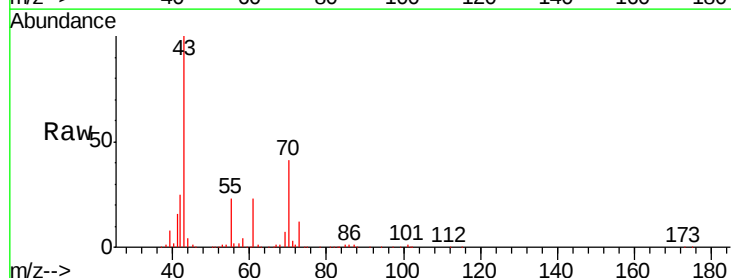
Ion Ratio Lower Upper

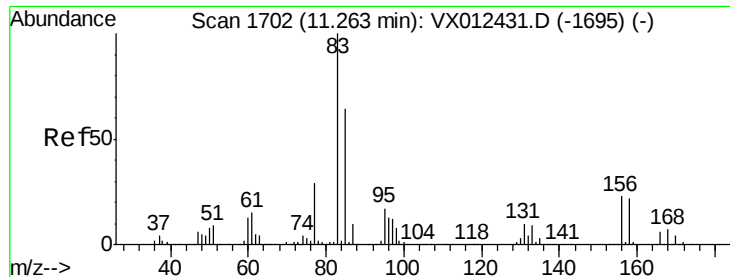
43 100

70 42.1 32.4 48.6

55 24.2 18.2 27.4

61 23.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.077 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

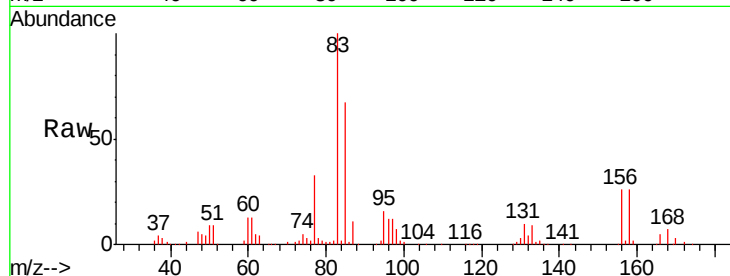
Tgt Ion: 83 Resp: 68746

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

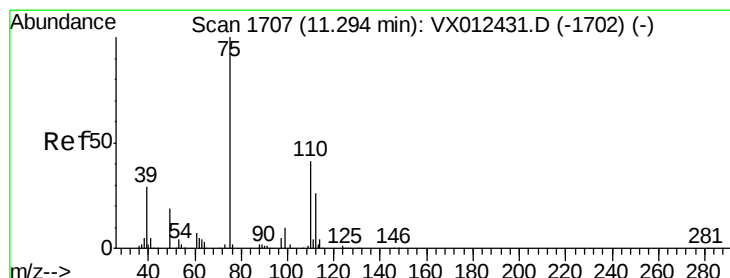
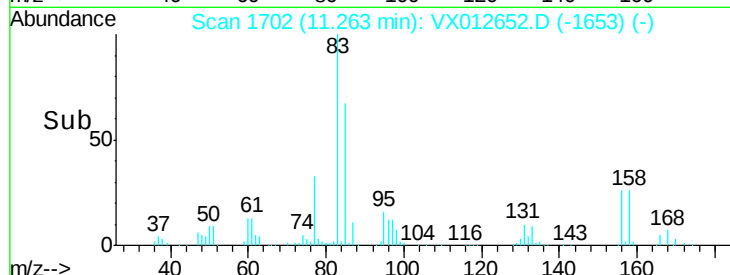
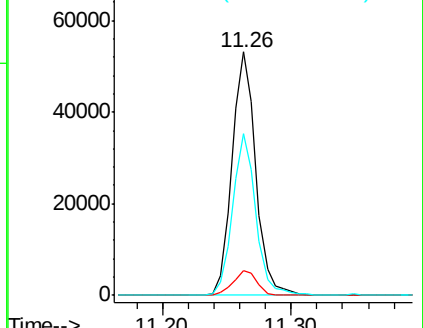
85 64.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.628 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012652.D

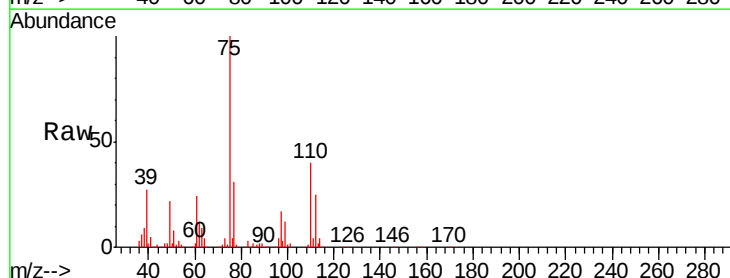
Acq: 25 Sep 2019 11:35

Tgt Ion: 75 Resp: 79341

Ion Ratio Lower Upper

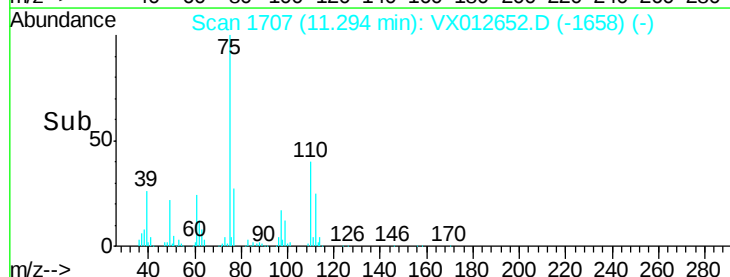
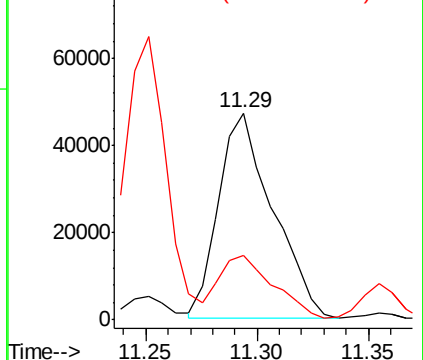
75 100

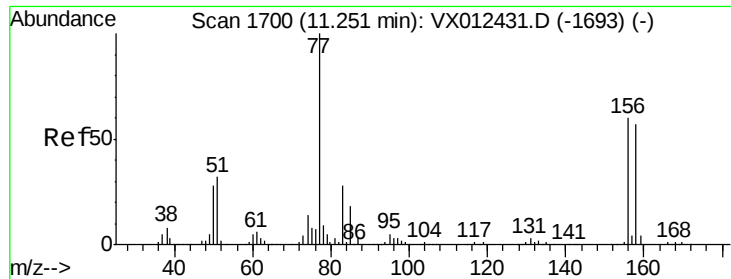
77 32.0 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.549 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

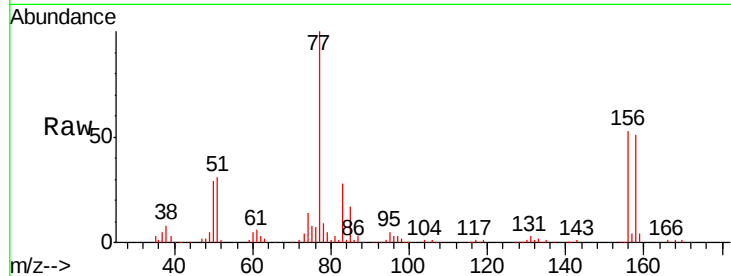
Tgt Ion:156 Resp: 45744

Ion Ratio Lower Upper

156 100

77 187.4 87.3 261.8

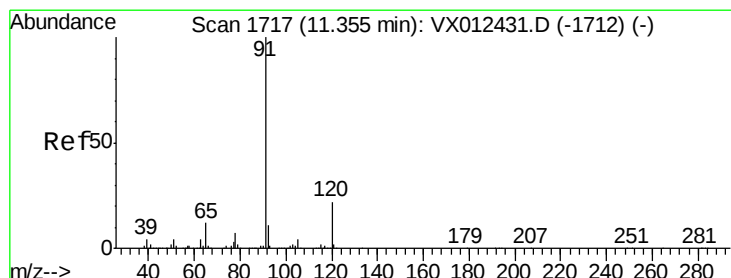
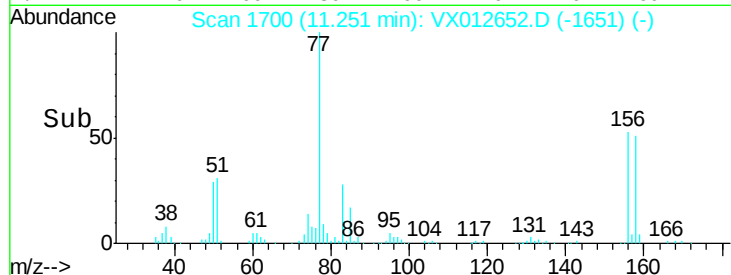
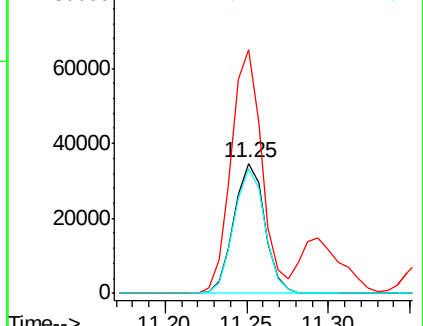
158 96.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.550 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012652.D

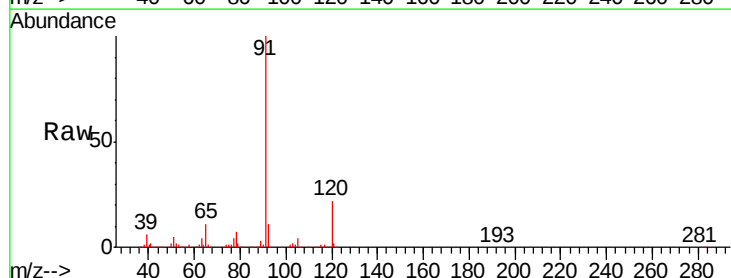
Acq: 25 Sep 2019 11:35

Tgt Ion: 91 Resp: 227553

Ion Ratio Lower Upper

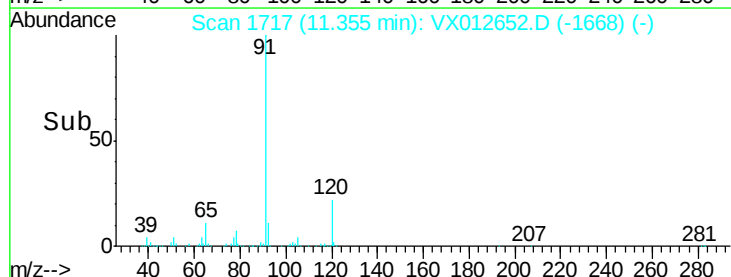
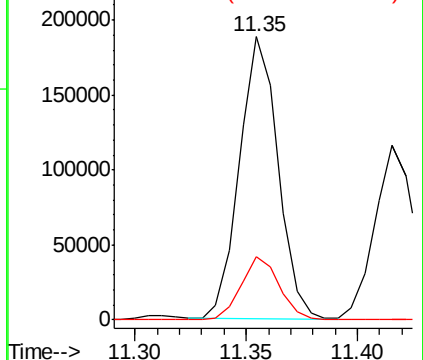
91 100

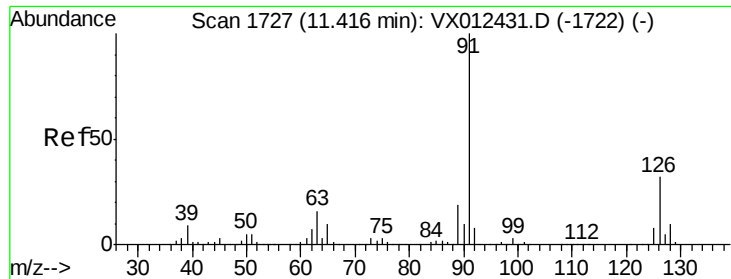
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

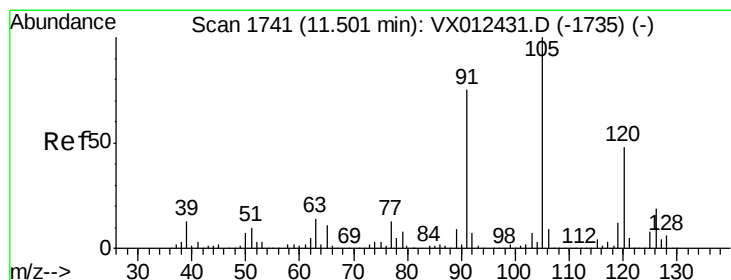
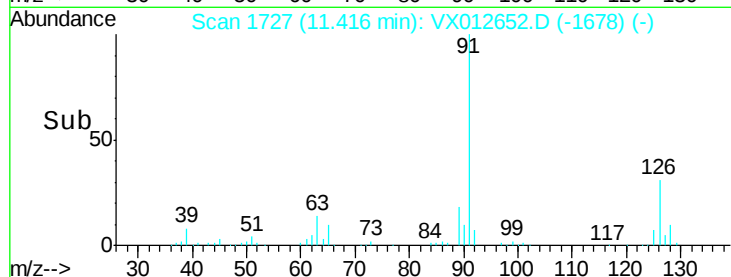
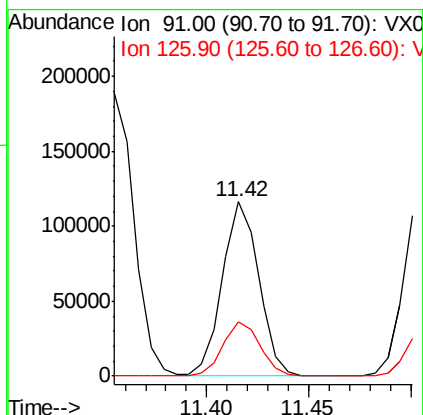
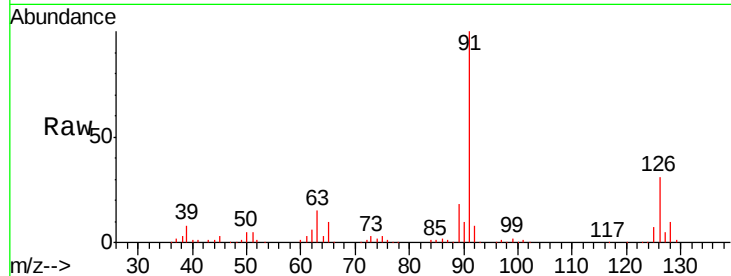




#79
 2-Chlorotoluene
 Concen: 19.762 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

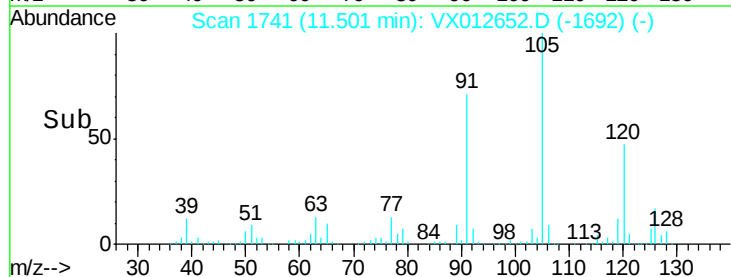
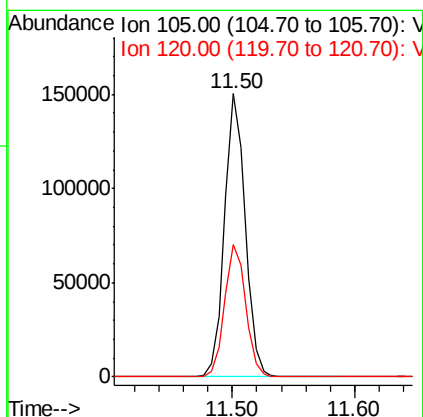
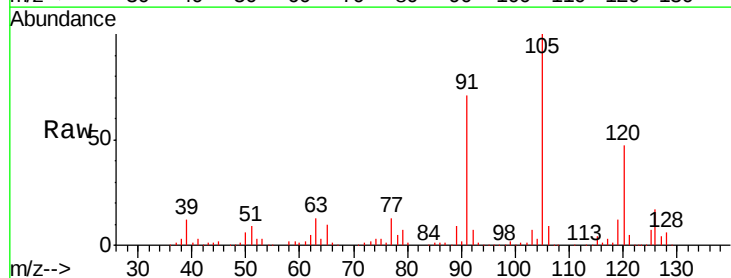
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

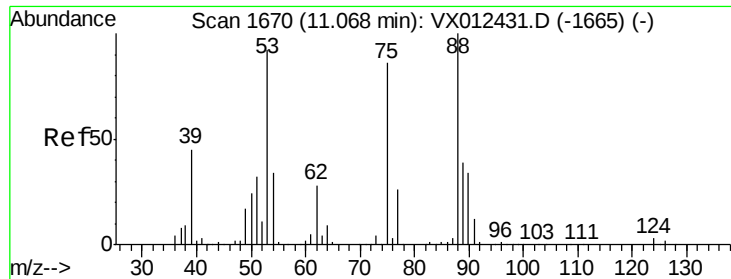
Tgt Ion: 91 Resp: 143490
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.260 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 105 Resp: 175656
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8

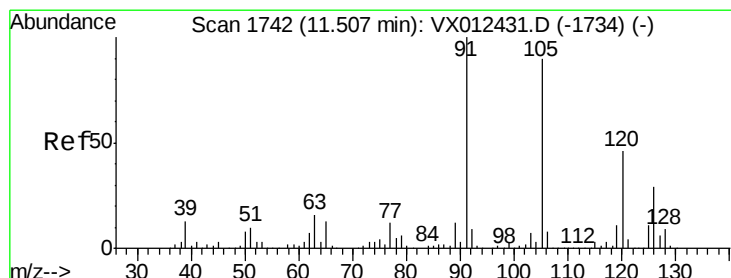
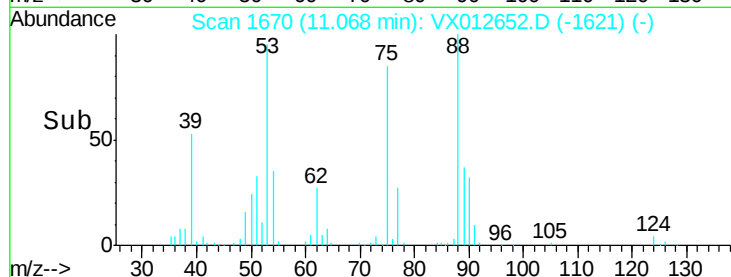
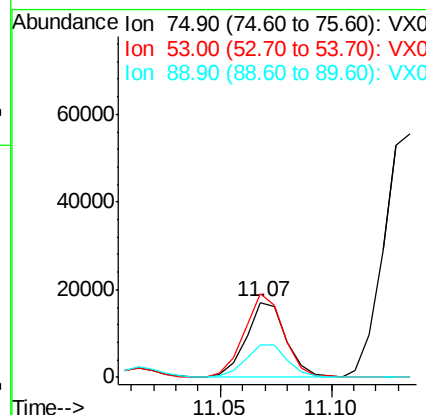
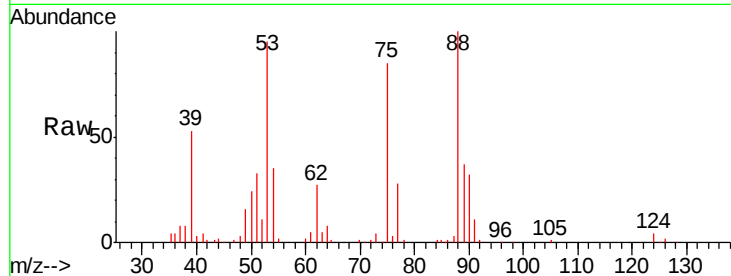




#81
trans-1,4-Dichloro-2-butene
Concen: 18.023 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

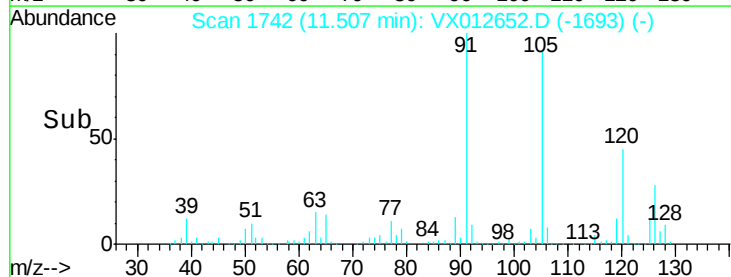
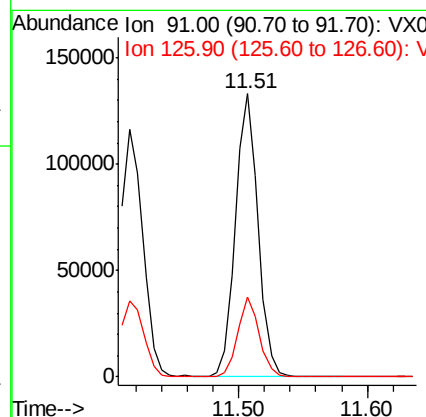
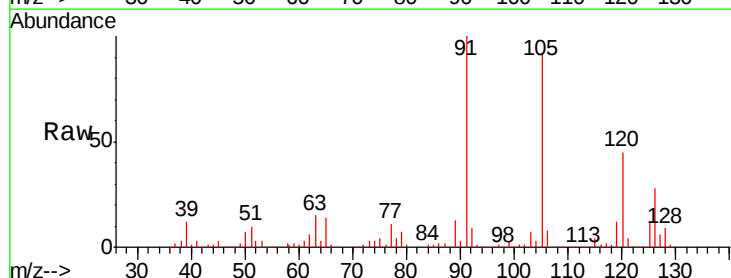
Instrument :
MSVOA_X
ClientSampled :
VX0925WBS01

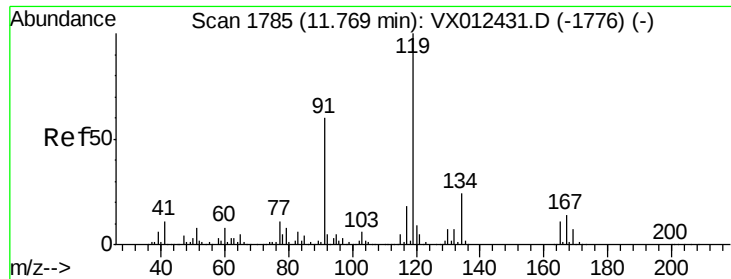
Tgt Ion: 75 Resp: 21118
Ion Ratio Lower Upper
75 100
53 111.6 83.6 125.4
89 46.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.813 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 91 Resp: 163998
Ion Ratio Lower Upper
91 100
126 26.9 14.4 43.0

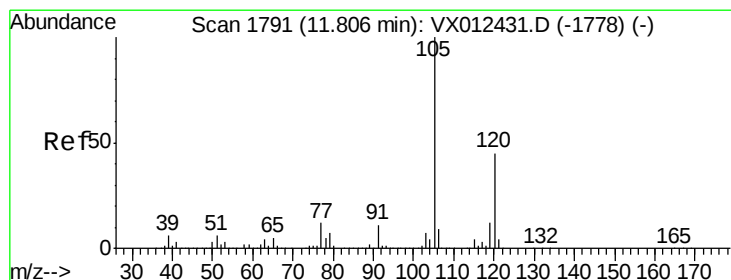
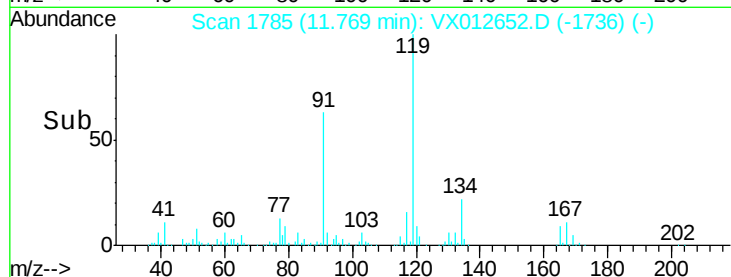
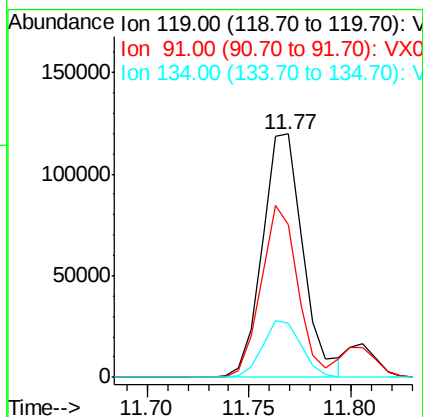
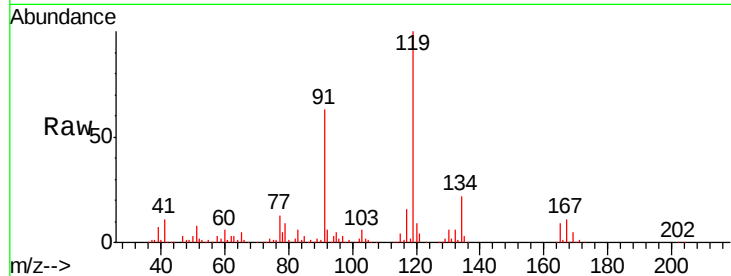




#83
 tert-Butylbenzene
 Concen: 19.853 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

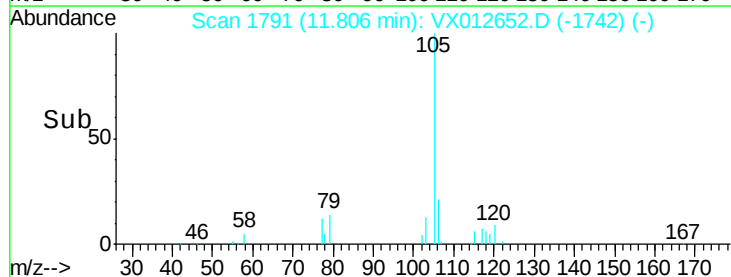
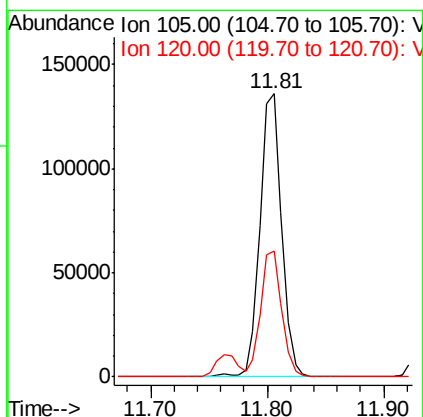
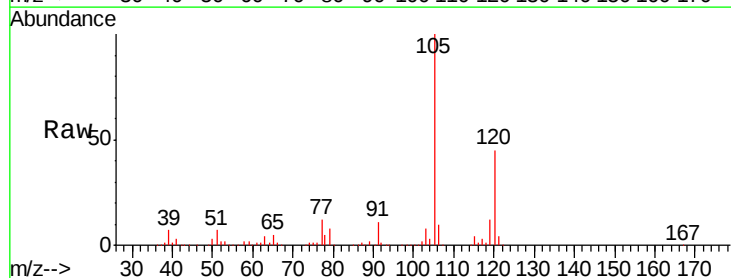
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

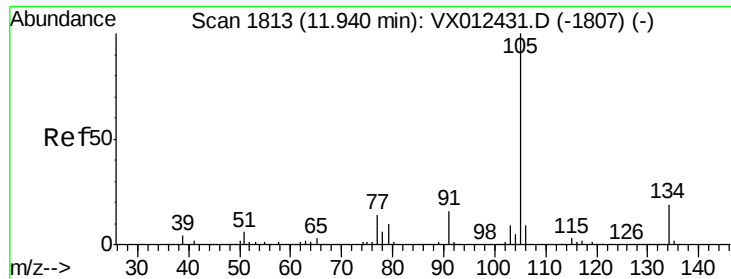
Tgt Ion:119 Resp: 166041
 Ion Ratio Lower Upper
 119 100
 91 63.5 30.0 90.0
 134 22.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.163 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion:105 Resp: 176348
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.2 66.6

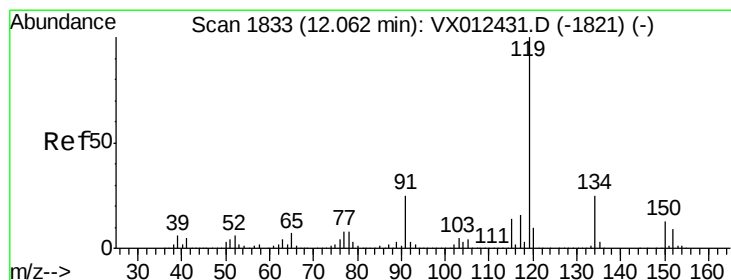
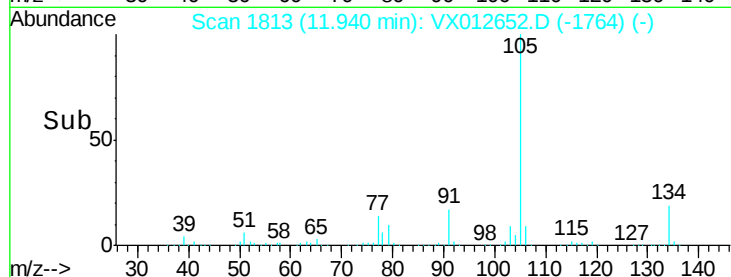
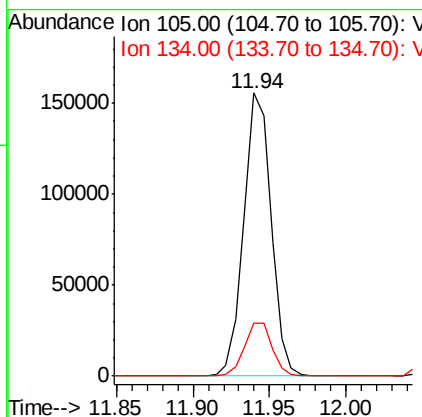
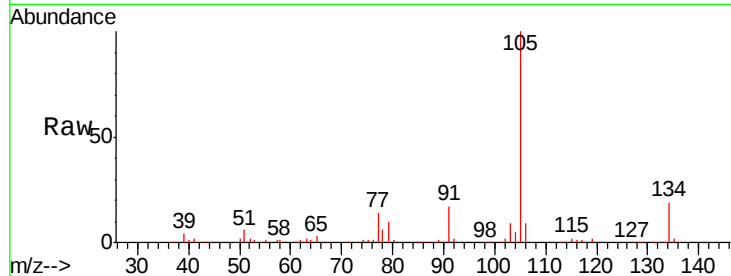




#85
 sec-Butylbenzene
 Concen: 19.891 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

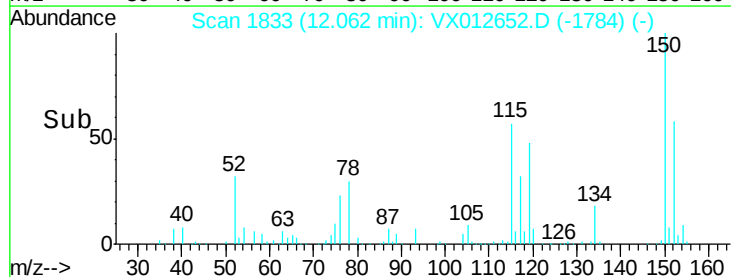
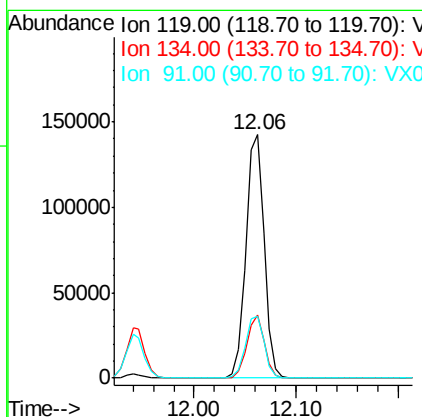
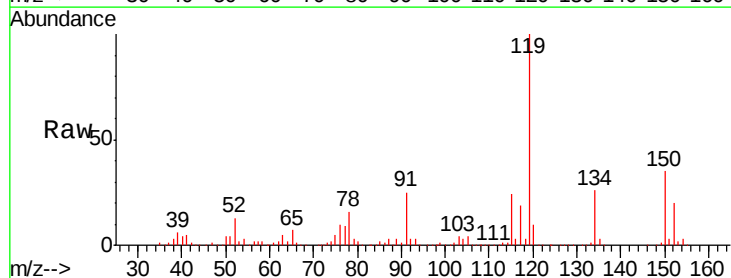
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

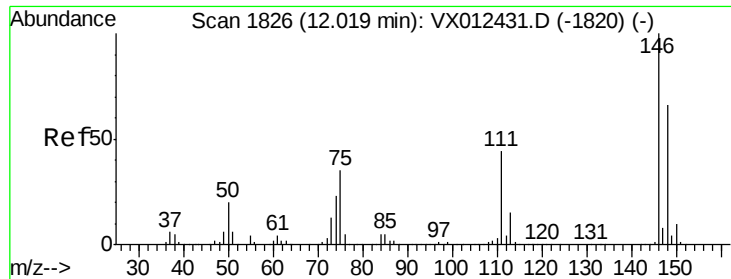
Tgt Ion:105 Resp: 193491
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.063 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion:119 Resp: 176098
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 26.1 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 19.217 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

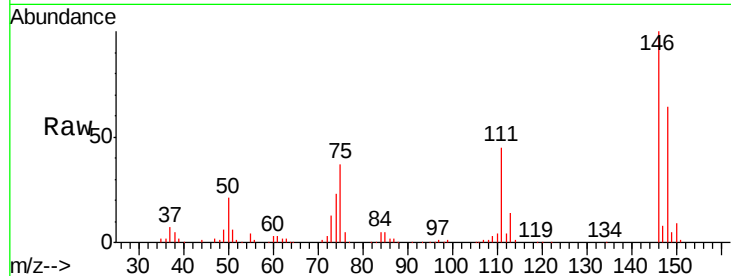
Tgt Ion:146 Resp: 80923

Ion Ratio Lower Upper

146 100

111 44.5 21.3 64.0

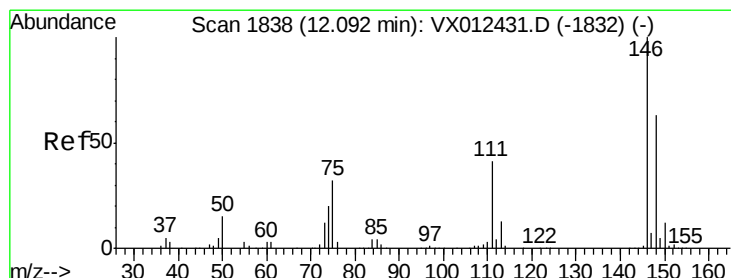
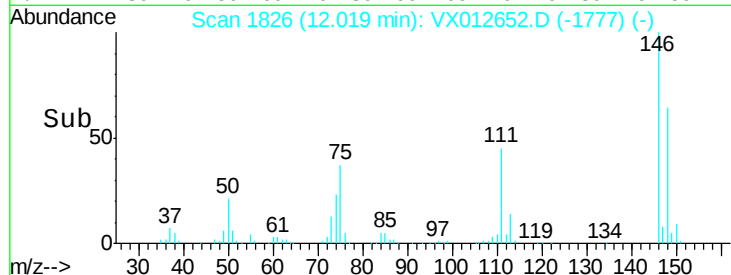
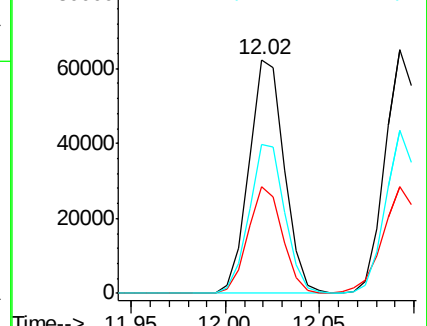
148 64.3 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.227 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

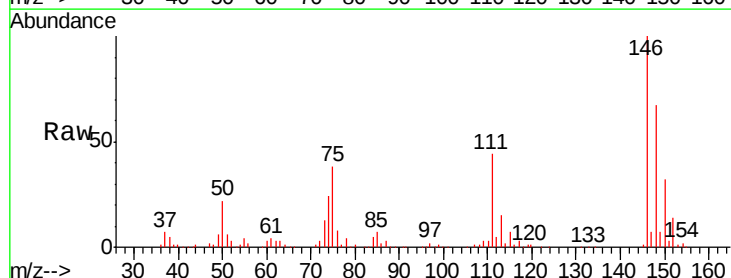
Tgt Ion:146 Resp: 81814

Ion Ratio Lower Upper

146 100

111 45.6 21.1 63.3

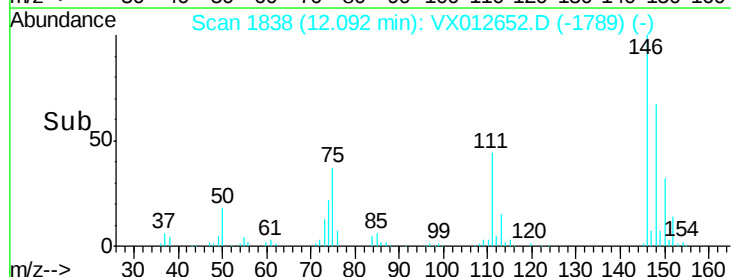
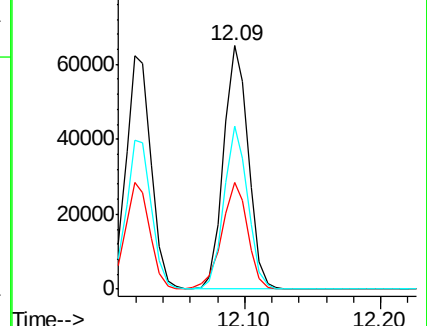
148 64.5 32.1 96.5

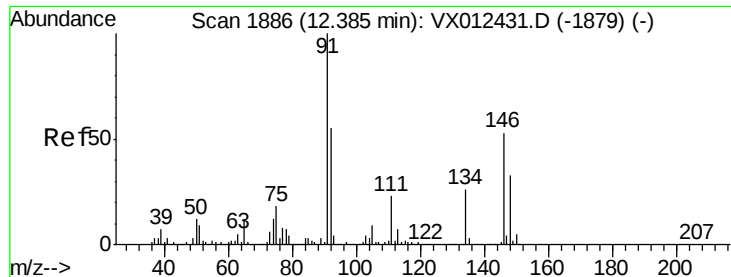


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

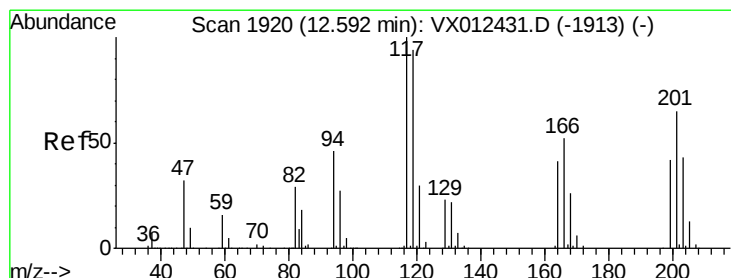
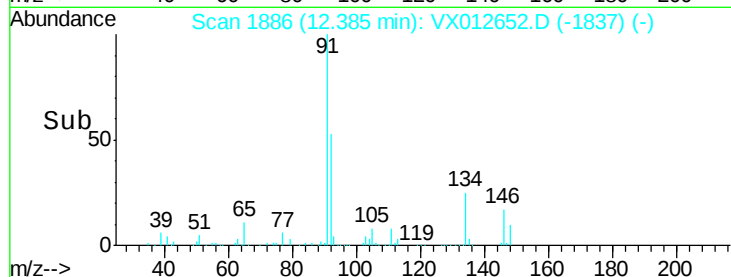
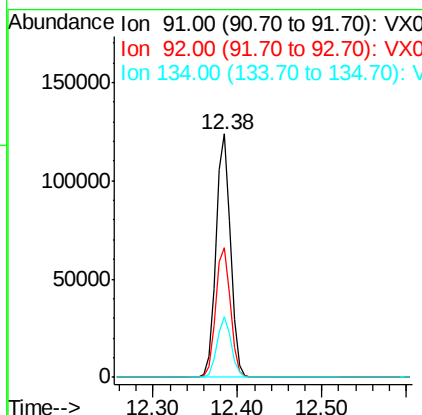
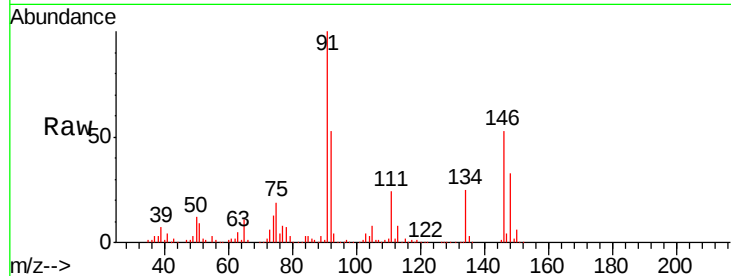




#89
n-Butylbenzene
Concen: 19.154 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

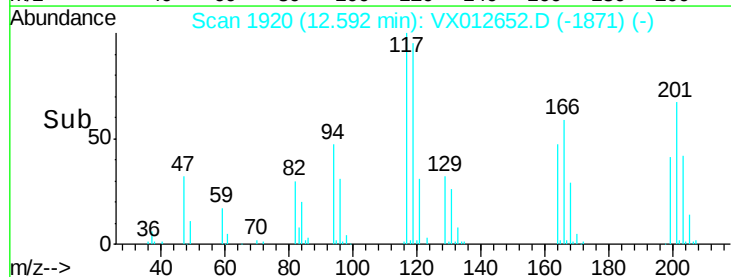
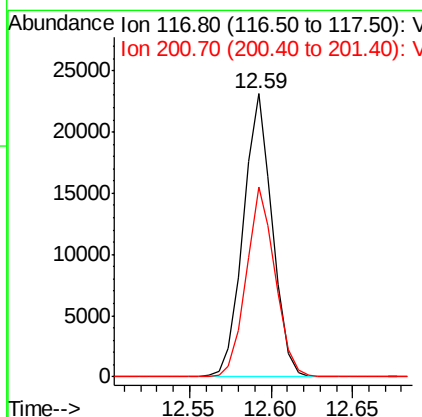
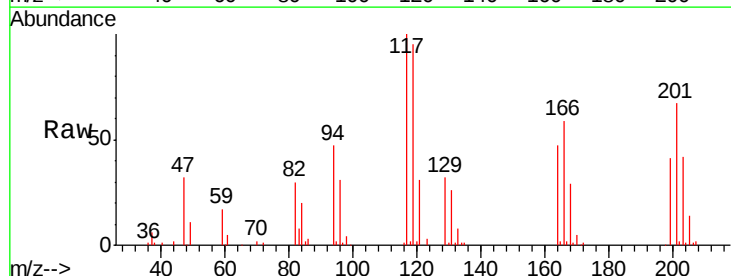
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

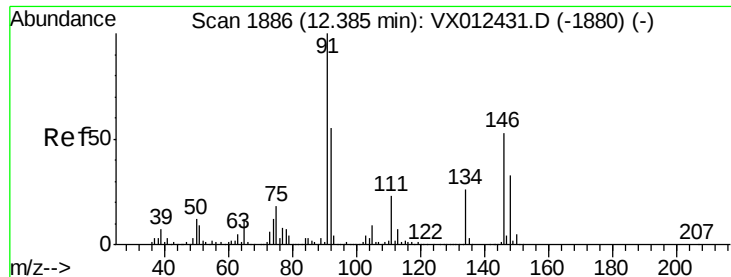
Tgt Ion: 91 Resp: 148143
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 24.4 12.9 38.6



#90
Hexachloroethane
Concen: 18.249 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 117 Resp: 28557
Ion Ratio Lower Upper
117 100
201 67.0 33.3 99.8

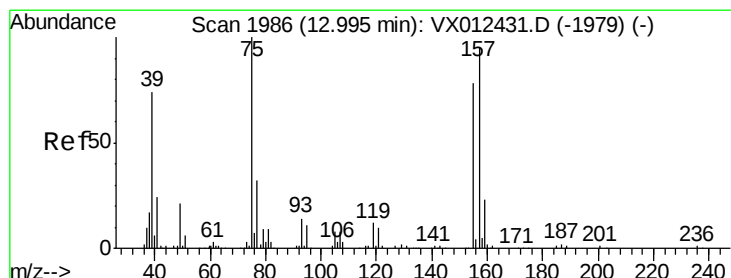
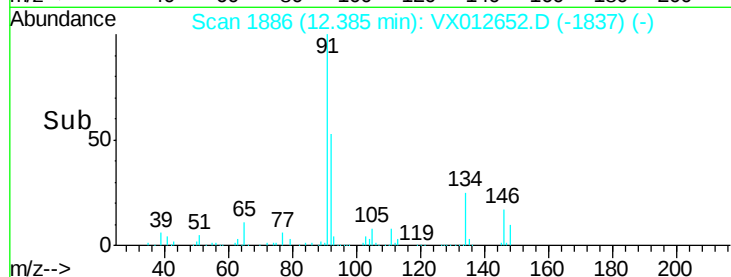
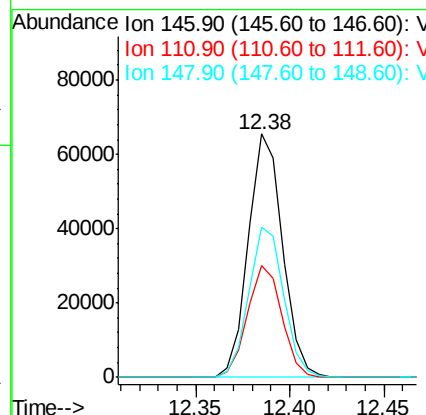
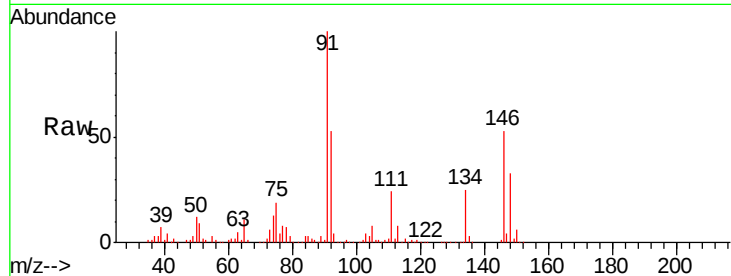




#91
 1,2-Dichlorobenzene
 Concen: 19.620 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

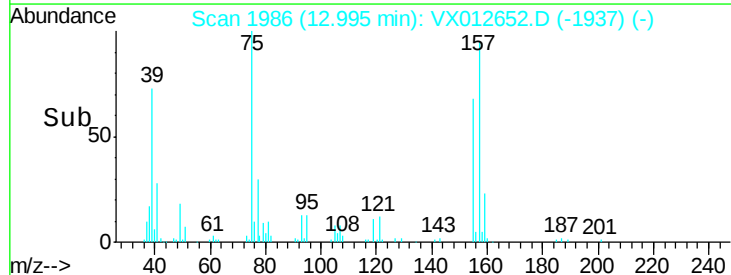
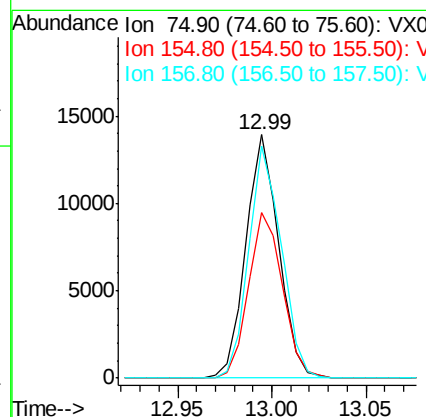
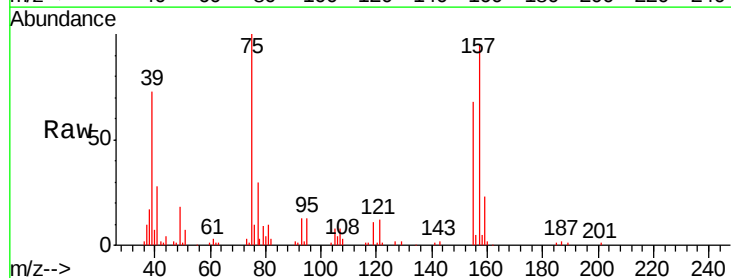
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

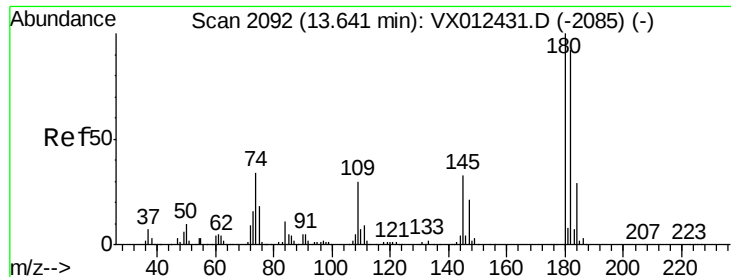
Tgt Ion:146 Resp: 82716
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.1 66.1
 148 63.1 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.680 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion: 75 Resp: 16856
 Ion Ratio Lower Upper
 75 100
 155 70.3 38.6 115.8
 157 94.7 50.6 151.9

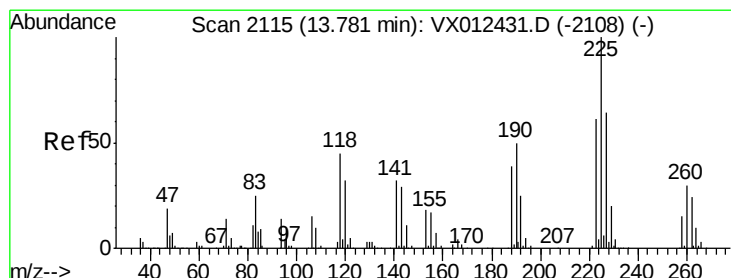
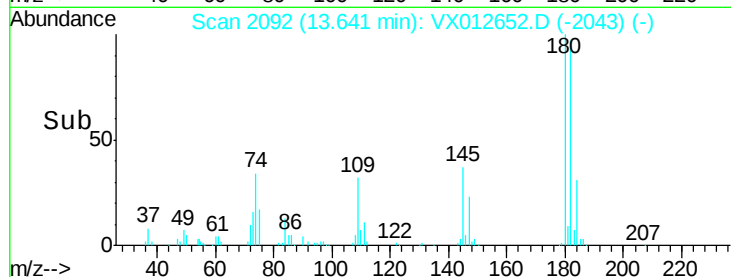
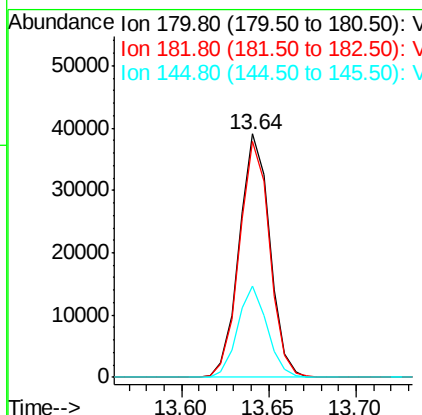
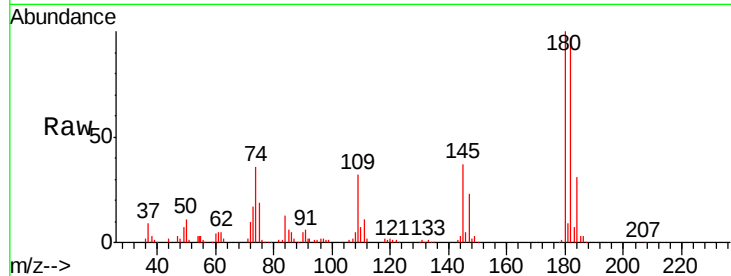




#93
 1,2,4-Trichlorobenzene
 Concen: 18.426 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

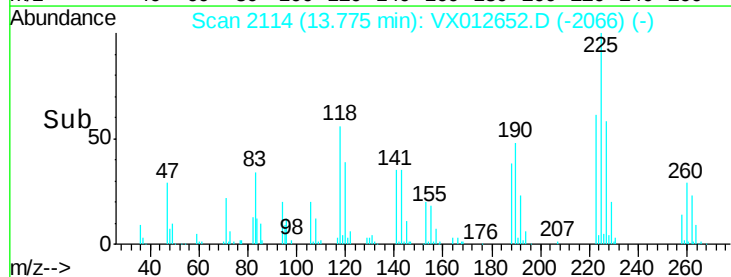
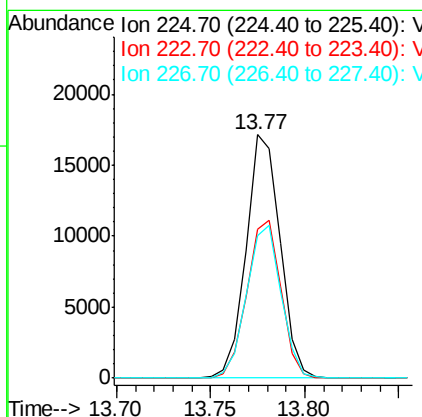
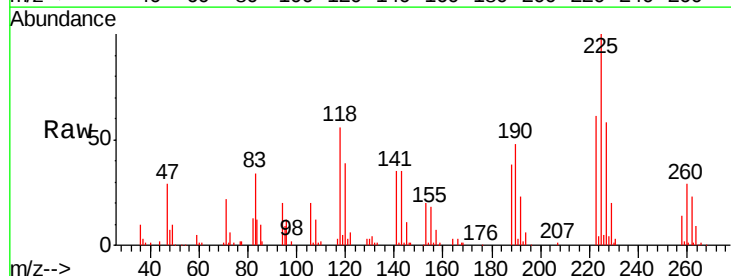
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

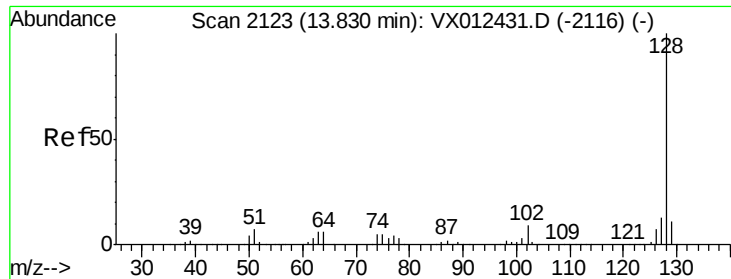
Tgt Ion:180 Resp: 47375
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.0 141.0
 145 36.2 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 19.364 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion:225 Resp: 21418
 Ion Ratio Lower Upper
 225 100
 223 64.8 32.0 96.2
 227 63.6 31.9 95.5

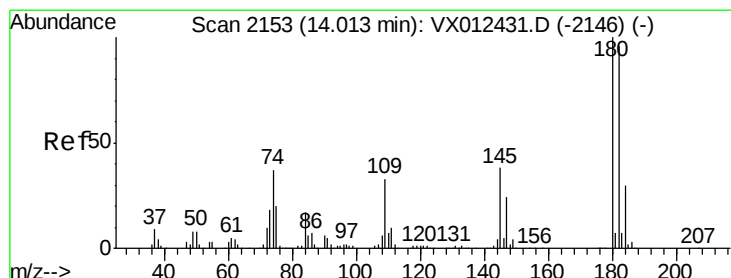
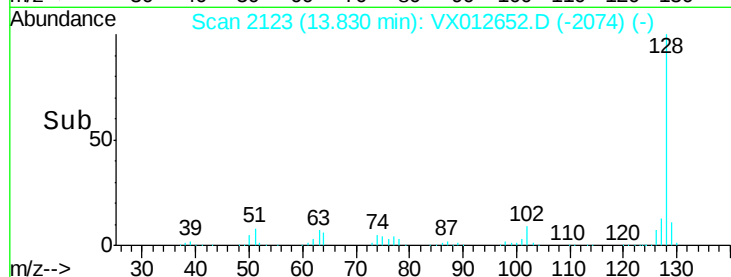
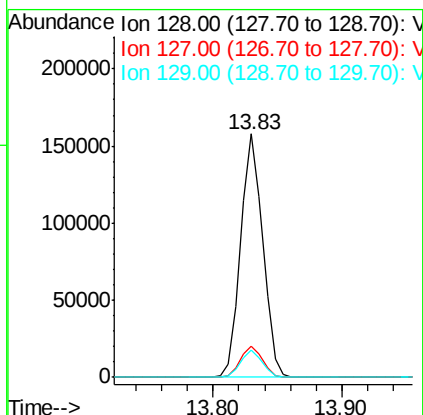
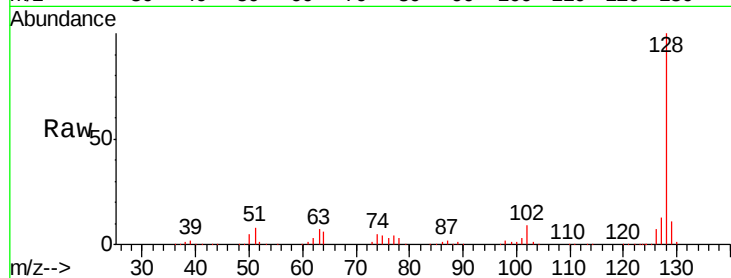




#95
Naphthalene
Concen: 20.250 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:128 Resp: 188367
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.371 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion:180 Resp: 49889
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.3
145 36.5 18.0 54.0

