

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
 Data File : VX012653.D
 Acq On : 25 Sep 2019 11:58
 Operator : JC/SP
 Sample : VX0925MBS01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Quant Time: Sep 25 23:03:54 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	176317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	315683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	127848	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	92807	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.71	98	352269	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	138162	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	35783	18.040 ug/l	96
3) Chloromethane	1.32	50	41667	18.294 ug/l	100
4) Vinyl Chloride	1.40	62	42164	18.624 ug/l	94
5) Bromomethane	1.63	94	22254	25.001 ug/l	94
6) Chloroethane	1.72	64	28853	18.905 ug/l	99
7) Trichlorofluoromethane	1.92	101	59595	18.749 ug/l	98
8) Diethyl Ether	2.18	74	25645	19.688 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36895	19.058 ug/l	96
10) Methyl Iodide	2.50	142	35256	20.527 ug/l	98
11) Tert butyl alcohol	3.03	59	69749	108.748 ug/l	97
12) 1,1-Dichloroethene	2.36	96	36915	19.473 ug/l	96
13) Acrolein	2.28	56	28429	86.545 ug/l	98
14) Allyl chloride	2.72	41	72383	19.245 ug/l	97
15) Acrylonitrile	3.13	53	128966	99.111 ug/l	99
16) Acetone	2.44	43	134035	98.558 ug/l	99
17) Carbon Disulfide	2.56	76	91721	17.258 ug/l	100
18) Methyl Acetate	2.76	43	63072	19.696 ug/l	100
19) Methyl tert-butyl Ether	3.19	73	141649	19.741 ug/l	98
20) Methylene Chloride	2.85	84	43366	18.853 ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	39144	18.638 ug/l	93
22) Diisopropyl ether	3.84	45	141944	19.531 ug/l	93
23) Vinyl Acetate	3.80	43	625196	98.097 ug/l	99
24) 1,1-Dichloroethane	3.69	63	77127	19.524 ug/l	96
25) 2-Butanone	4.66	43	190635	97.762 ug/l	95
26) 2,2-Dichloropropane	4.57	77	66512	18.930 ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	47452	19.472 ug/l	95
28) Bromochloromethane	5.01	49	29110	20.294 ug/l	95
29) Tetrahydrofuran	5.12	42	119418	100.476 ug/l	99
30) Chloroform	5.20	83	77263	19.117 ug/l	95
31) Cyclohexane	5.57	56	69019	19.312 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	66780	18.643 ug/l	98
36) 1,1-Dichloropropene	5.79	75	56720	18.640 ug/l	98
37) Ethyl Acetate	4.82	43	69487	19.533 ug/l	97
38) Carbon Tetrachloride	5.78	117	56828	18.385 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67095	18.316	ug/l	96
40) Benzene	6.14	78	167097	18.664	ug/l	98
41) Methacrylonitrile	5.04	41	39344	19.712	ug/l	97
42) 1,2-Dichloroethane	6.19	62	66556	19.577	ug/l	99
43) Isopropyl Acetate	6.43	43	113086	19.009	ug/l	98
44) Trichloroethene	7.20	130	42706	18.659	ug/l	99
45) 1,2-Dichloropropane	7.51	63	43676	19.055	ug/l	99
46) Dibromomethane	7.65	93	29222	18.725	ug/l	93
47) Bromodichloromethane	7.89	83	57650	18.483	ug/l	99
48) Methyl methacrylate	7.76	41	54013	18.935	ug/l	96
49) 1,4-Dioxane	7.73	88	25671	396.763	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	354779	96.610	ug/l	98
52) Toluene	8.78	92	106736	18.969	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	62736	18.179	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	69770	18.517	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	42398	18.952	ug/l	97
56) Ethyl methacrylate	9.17	69	70258	18.694	ug/l	97
57) 1,3-Dichloropropane	9.37	76	76072	19.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	176814	104.807	ug/l	98
59) 2-Hexanone	9.48	43	274546	97.672	ug/l	96
60) Dibromochloromethane	9.57	129	41671	18.401	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43954	18.879	ug/l	96
64) Tetrachloroethene	9.33	164	39162	19.898	ug/l	95
65) Chlorobenzene	10.14	112	108776	18.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	40221	18.674	ug/l	97
67) Ethyl Benzene	10.25	91	201444	18.684	ug/l	95
68) m/p-Xylenes	10.36	106	150729	37.320	ug/l	99
69) o-Xylene	10.70	106	73118	18.709	ug/l	97
70) Styrene	10.71	104	123535	18.856	ug/l	100
71) Bromoform	10.85	173	26416	17.614	ug/l #	98
73) Isopropylbenzene	11.01	105	195354	19.630	ug/l	100
74) N-amyl acetate	10.89	43	92204	19.421	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	65405	19.844	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	78981	24.436	ug/l	88
77) Bromobenzene	11.25	156	43147	19.156	ug/l	93
78) n-propylbenzene	11.35	91	218216	19.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	135279	19.355	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	165579	19.841	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20768	18.414	ug/l	99
82) 4-Chlorotoluene	11.51	91	158080	19.841	ug/l	97
83) tert-Butylbenzene	11.76	119	158151	19.645	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	166448	19.771	ug/l	99
85) sec-Butylbenzene	11.94	105	183956	19.646	ug/l	99
86) p-Isopropyltoluene	12.06	119	167001	19.766	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77436	19.104	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	79709	19.461	ug/l	98
89) n-Butylbenzene	12.39	91	140964	18.934	ug/l	98
90) Hexachloroethane	12.59	117	27538	18.283	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	80301	19.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15748	19.101	ug/l	95

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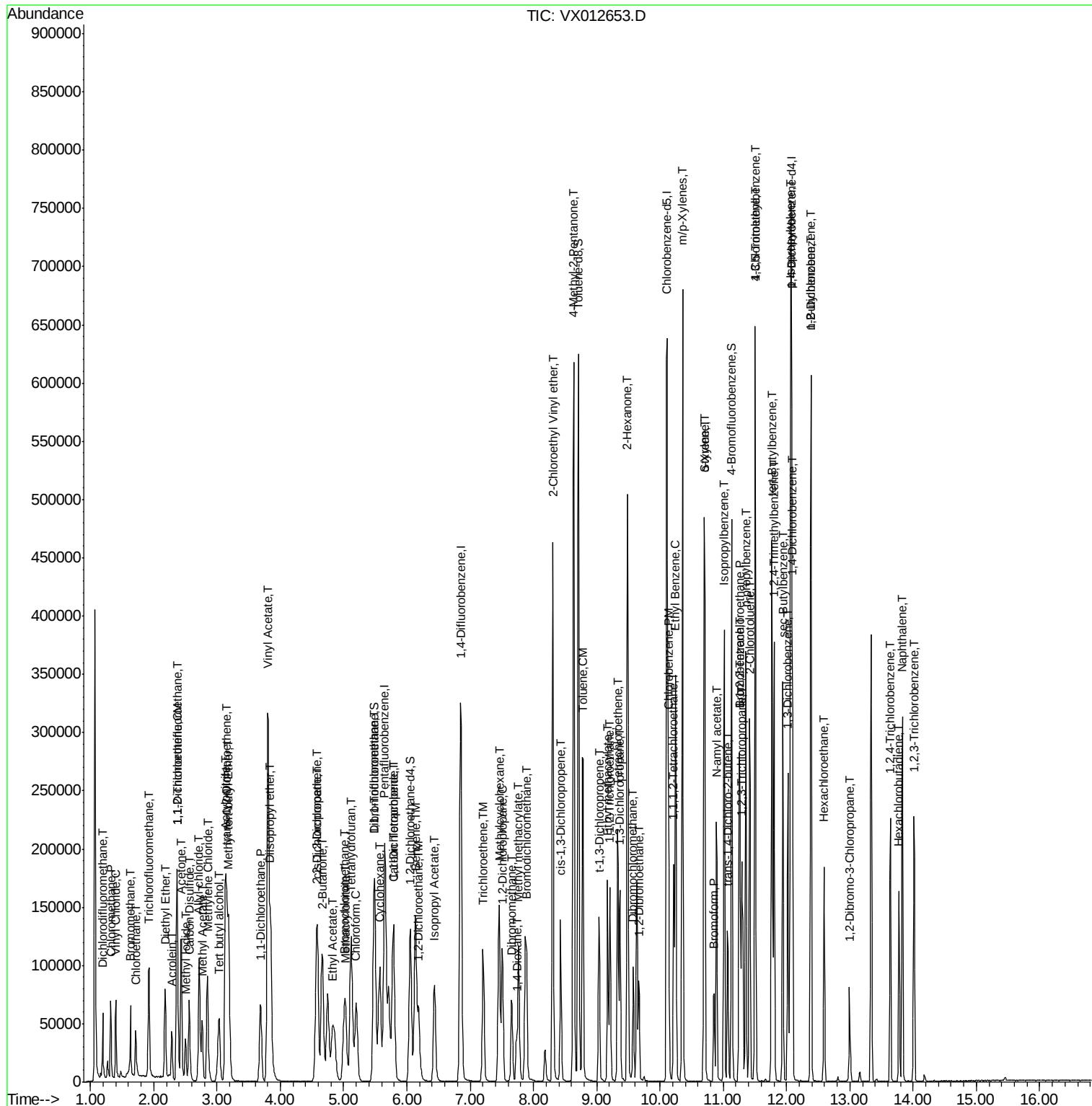
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46147	18.647	ug/l	99
94) Hexachlorobutadiene	13.78	225	20287	19.055	ug/l	100
95) Naphthalene	13.83	128	180979	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	47196	19.038	ug/l	97

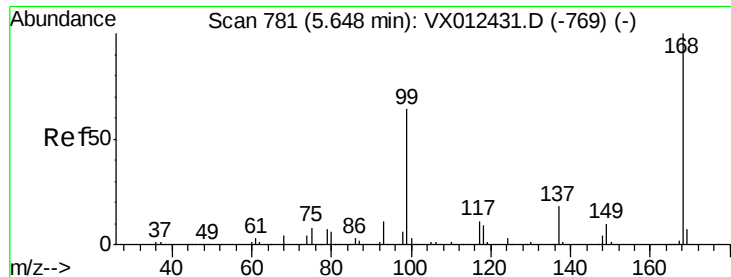
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

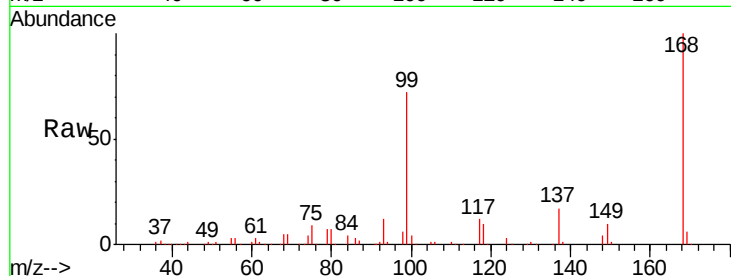
VX0925MBS01

Tgt Ion:168 Resp: 176317

Ion Ratio Lower Upper

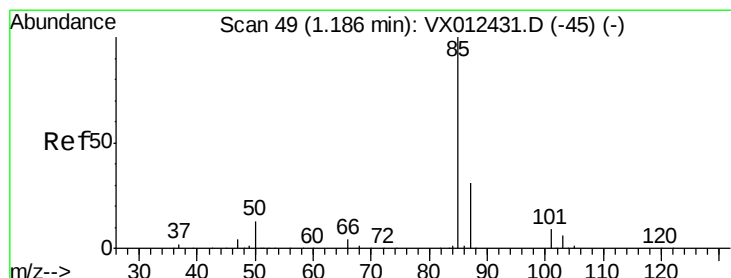
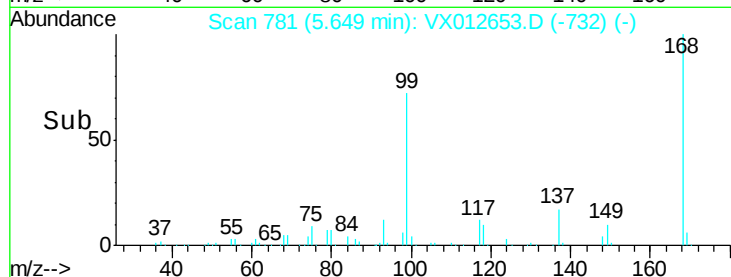
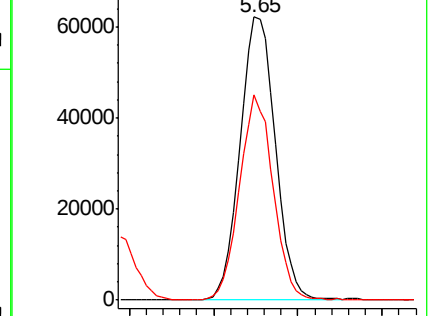
168 100

99 72.4 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: 18.040 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012653.D

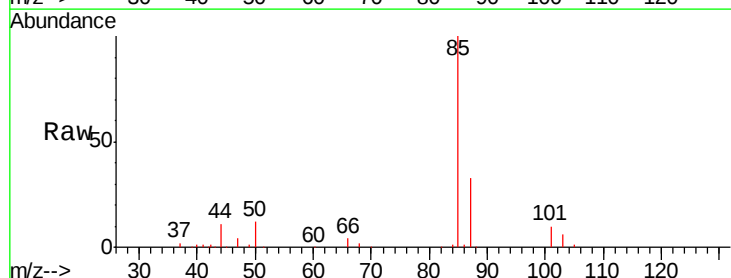
Acq: 25 Sep 2019 11:58

Tgt Ion: 85 Resp: 35783

Ion Ratio Lower Upper

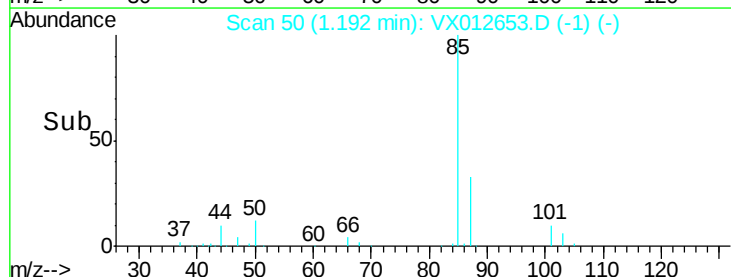
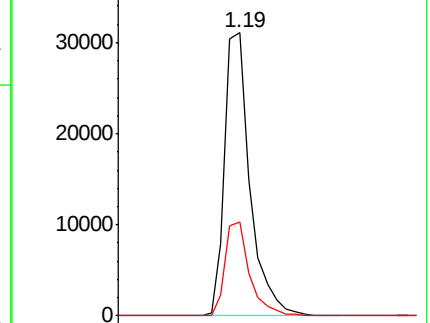
85 100

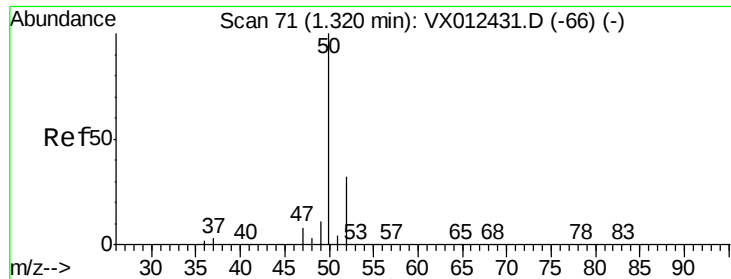
87 33.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.294 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

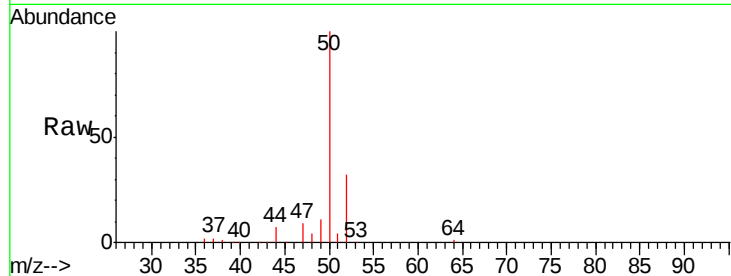
VX0925MBS01

Tgt Ion: 50 Resp: 41667

Ion Ratio Lower Upper

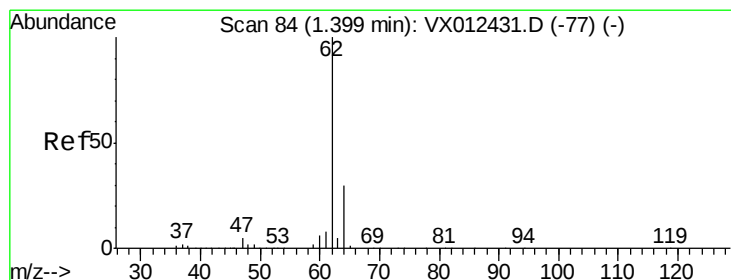
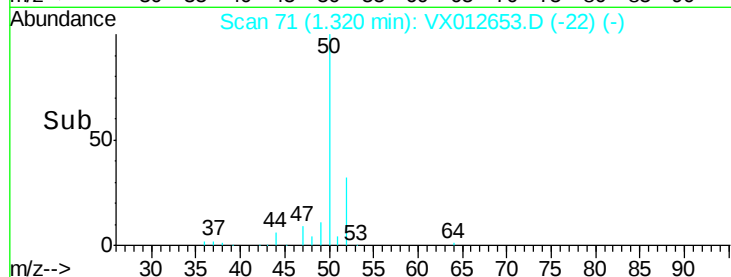
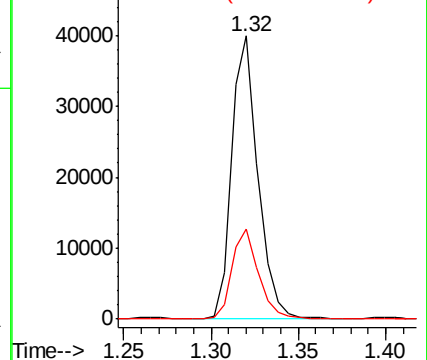
50 100

52 31.9 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: 18.624 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012653.D

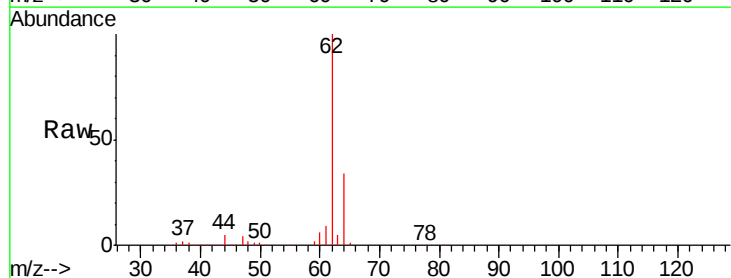
Acq: 25 Sep 2019 11:58

Tgt Ion: 62 Resp: 42164

Ion Ratio Lower Upper

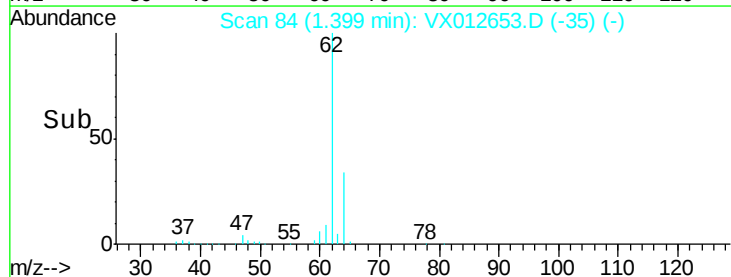
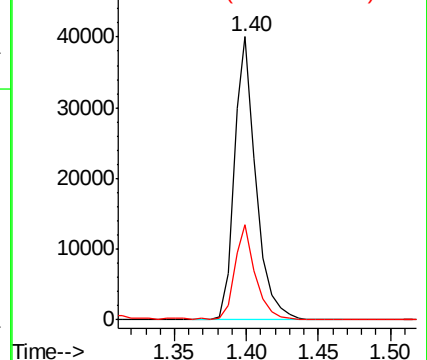
62 100

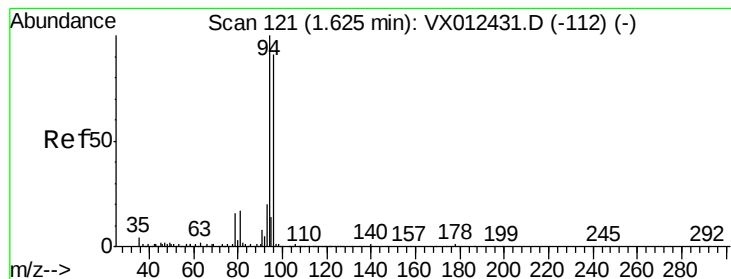
64 33.3 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.001 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

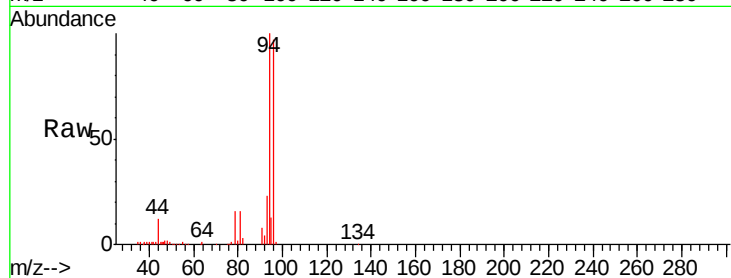
VX0925MBS01

Tgt Ion: 94 Resp: 22254

Ion Ratio Lower Upper

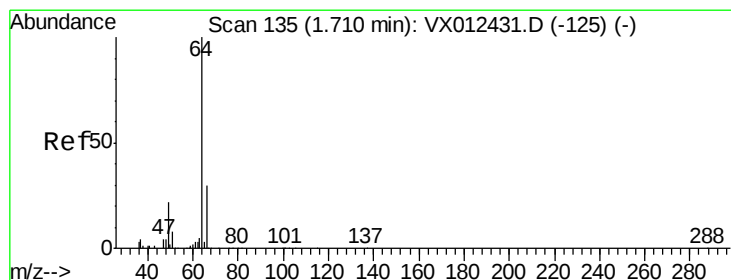
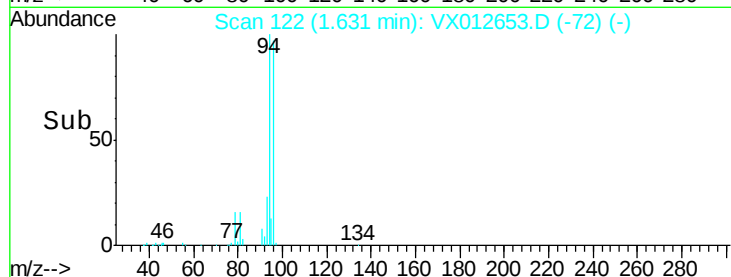
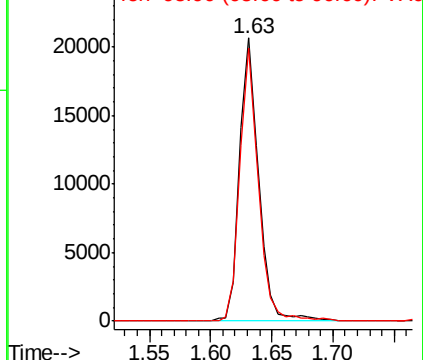
94 100

96 96.5 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: 18.905 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012653.D

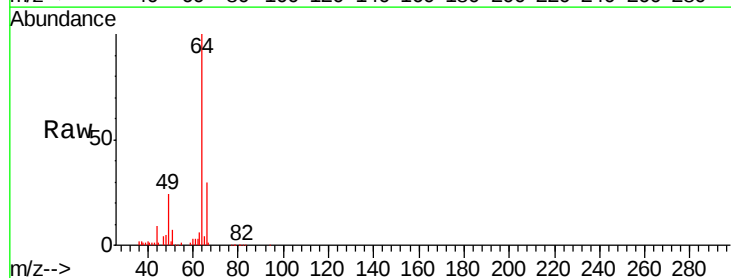
Acq: 25 Sep 2019 11:58

Tgt Ion: 64 Resp: 28853

Ion Ratio Lower Upper

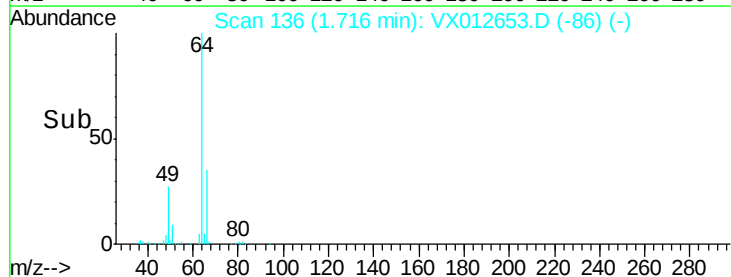
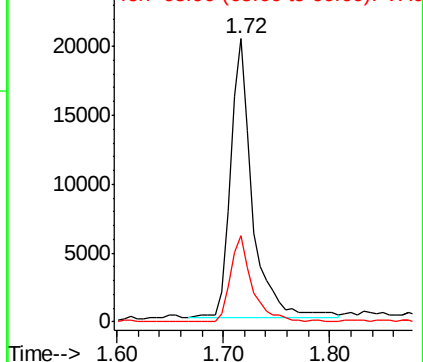
64 100

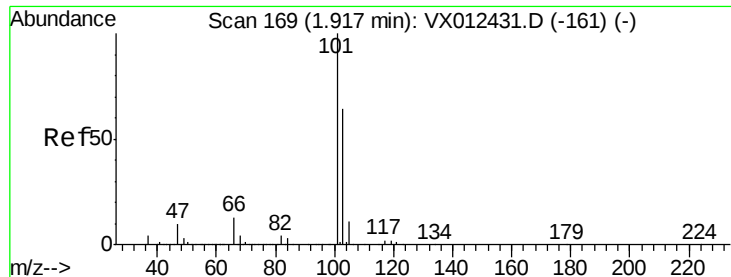
66 30.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



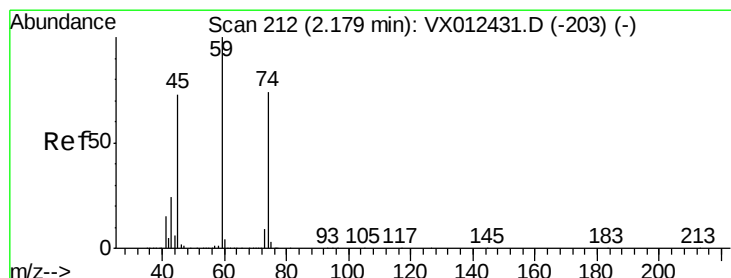
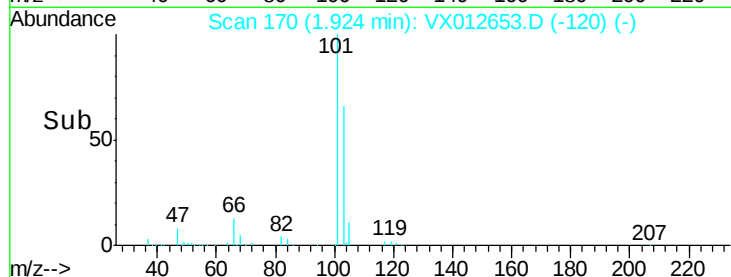
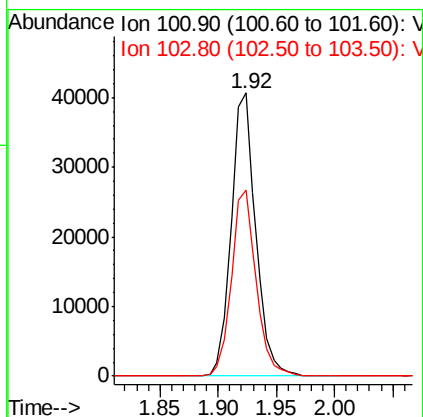
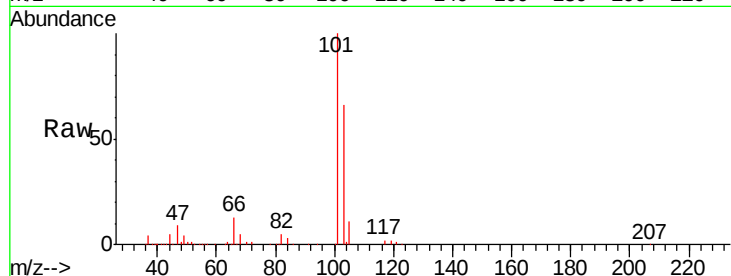


#7

Trichlorofluoromethane
 Concen: 18.749 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

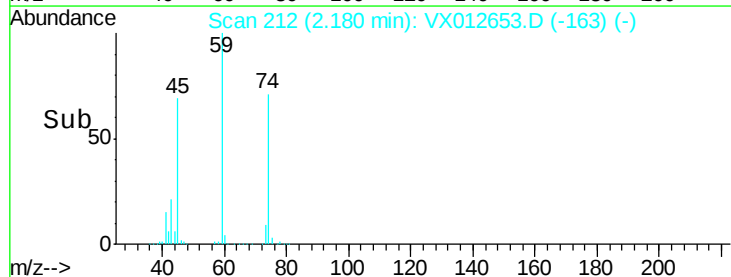
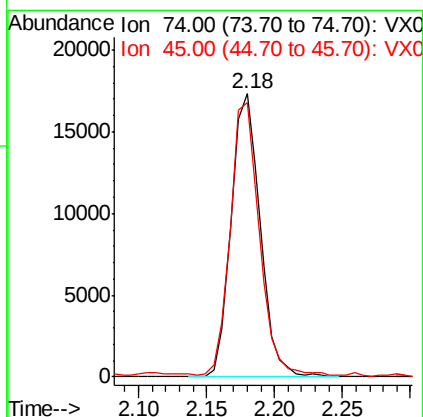
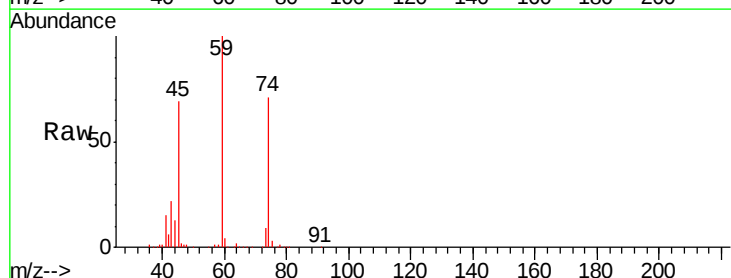
Tgt Ion: 101 Resp: 59595
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.0 76.4

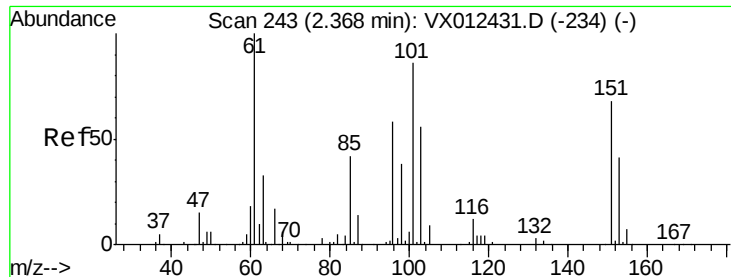


#8

Diethyl Ether
 Concen: 19.688 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion: 74 Resp: 25645
 Ion Ratio Lower Upper
 74 100
 45 96.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.058 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

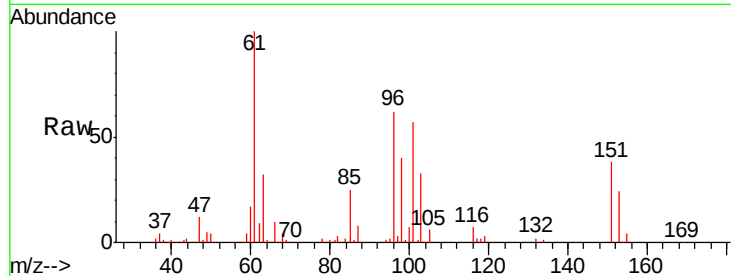
Tgt Ion:101 Resp: 36895

Ion Ratio Lower Upper

101 100

85 45.6 37.3 55.9

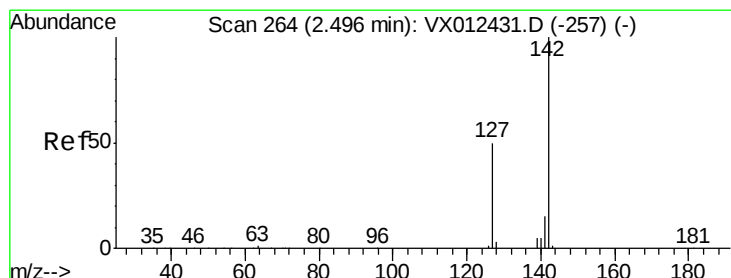
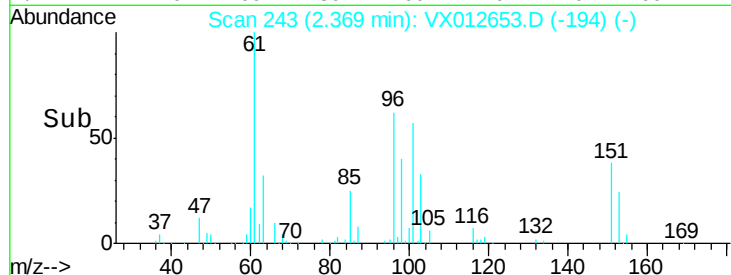
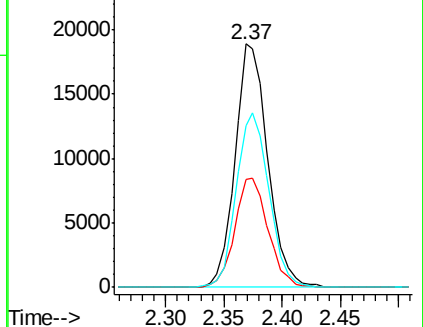
151 71.9 61.0 91.4



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: 20.527 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

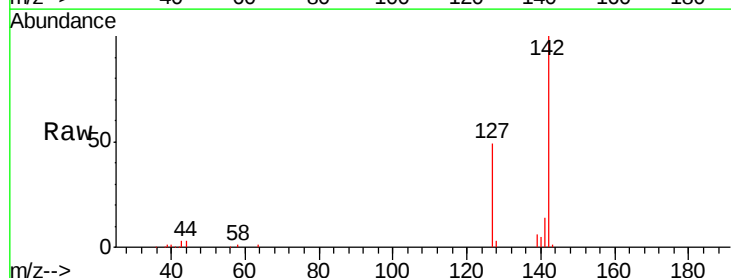
Tgt Ion:142 Resp: 35256

Ion Ratio Lower Upper

142 100

127 49.4 40.8 61.2

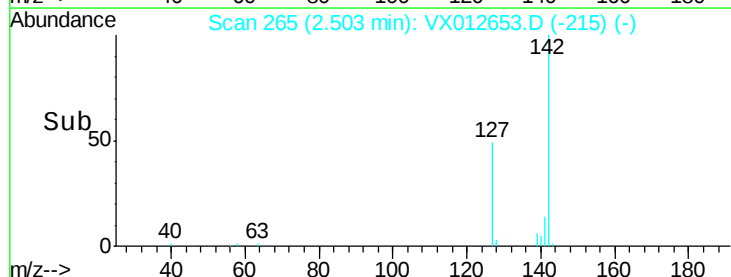
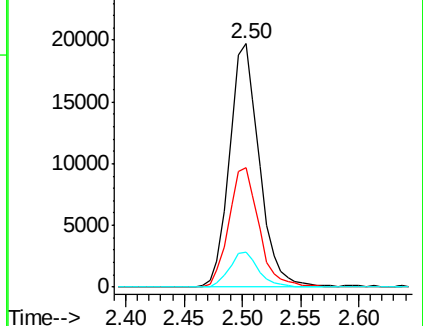
141 13.9 12.1 18.1

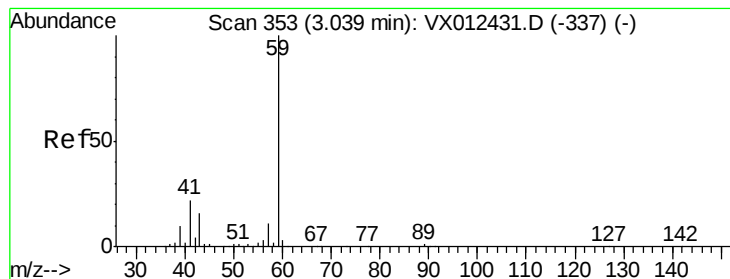


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



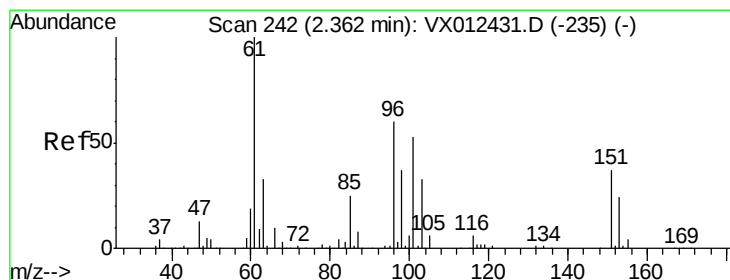
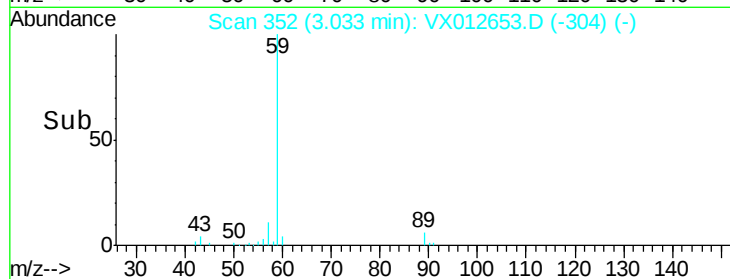
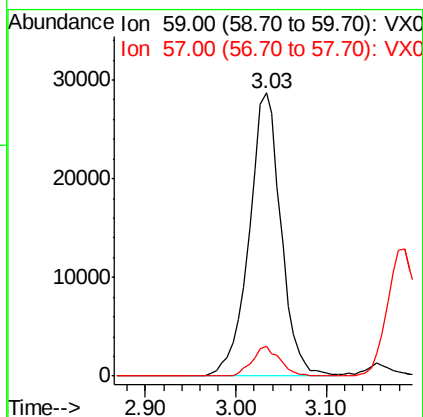
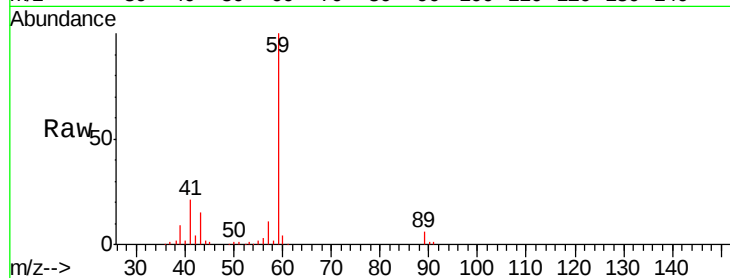


#11

Tert butyl alcohol
 Concen: 108.748 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

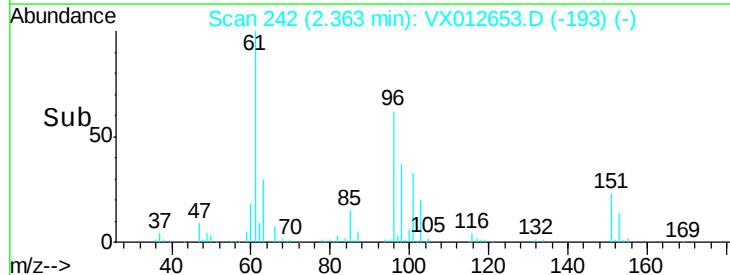
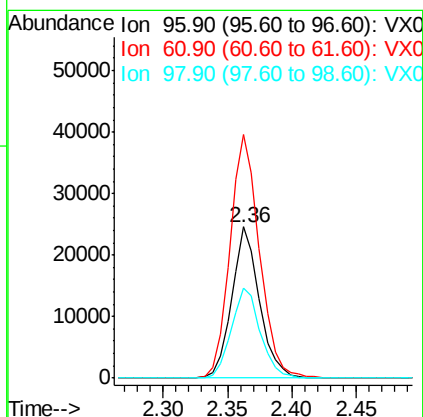
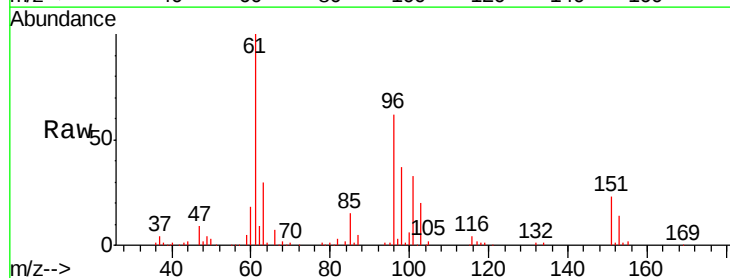
Tgt Ion: 59 Resp: 69749
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.3 12.5

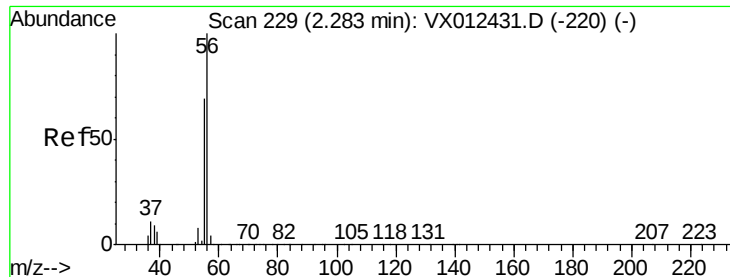


#12

1,1-Dichloroethene
 Concen: 19.473 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion: 96 Resp: 36915
 Ion Ratio Lower Upper
 96 100
 61 161.4 133.8 200.6
 98 60.0 49.9 74.9





#13

Acrolein

Concen: 86.545 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

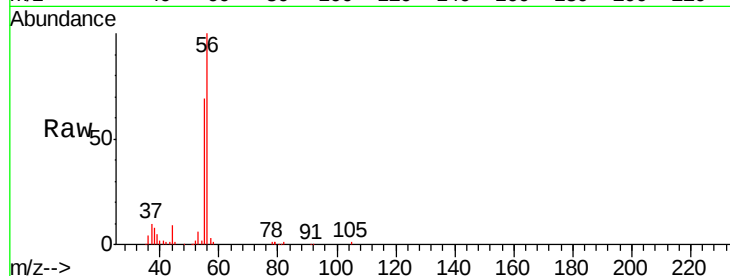
VX0925MBS01

Tgt Ion: 56 Resp: 28429

Ion Ratio Lower Upper

56 100

55 71.3 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

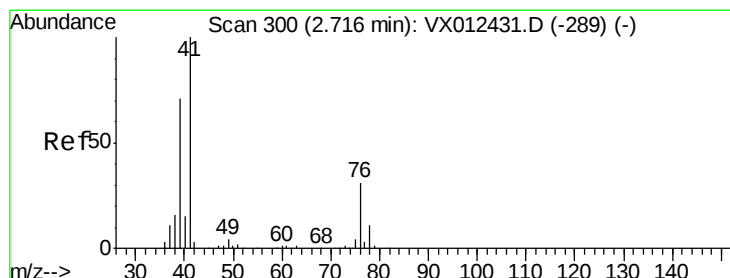
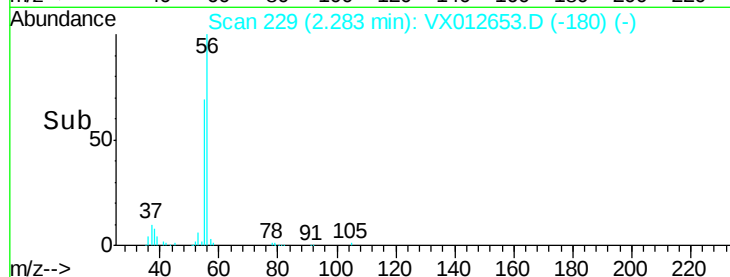
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.245 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

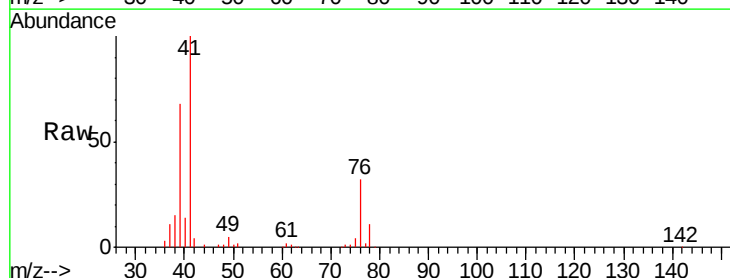
Tgt Ion: 41 Resp: 72383

Ion Ratio Lower Upper

41 100

39 65.1 51.3 76.9

76 31.2 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

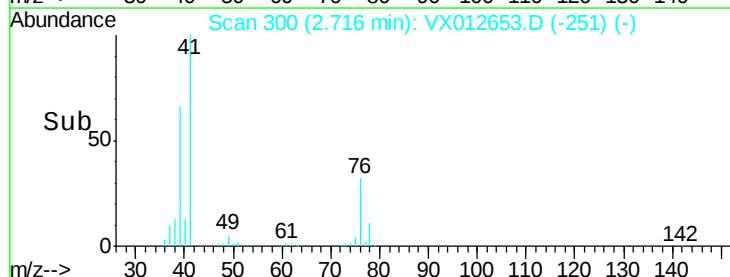
40000

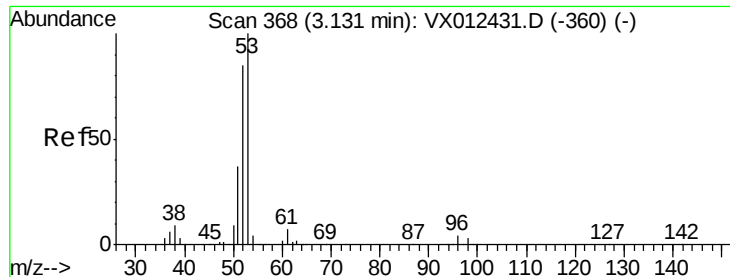
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 99.111 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

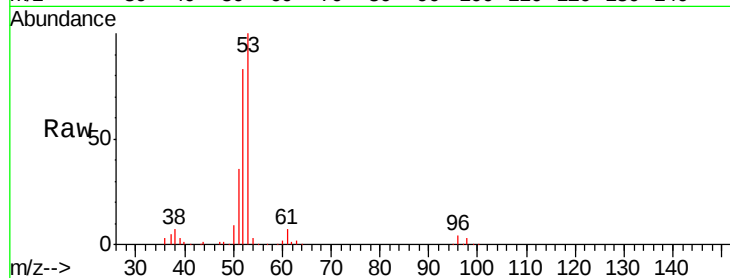
Tgt Ion: 53 Resp: 128966

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

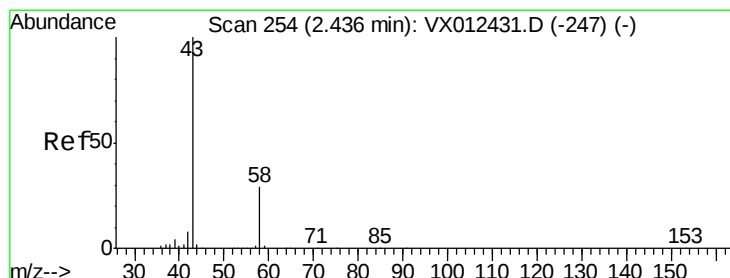
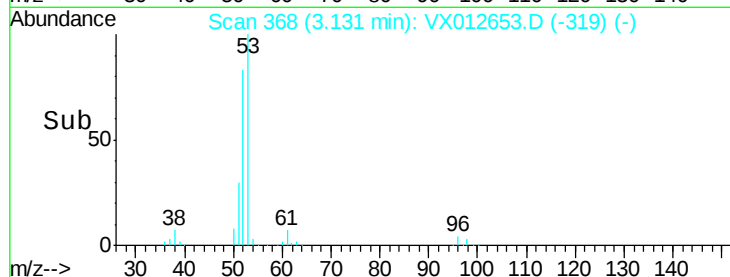
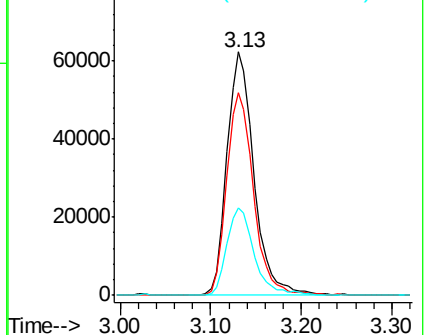
51 36.4 29.6 44.4



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: 98.558 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012653.D

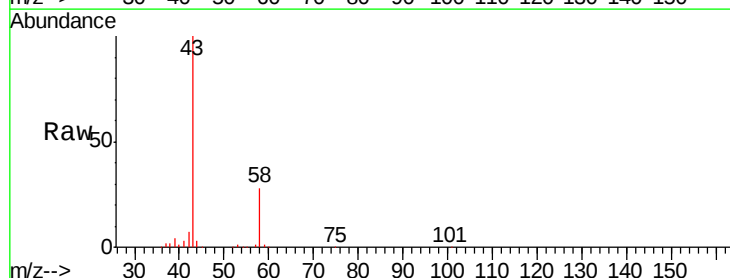
Acq: 25 Sep 2019 11:58

Tgt Ion: 43 Resp: 134035

Ion Ratio Lower Upper

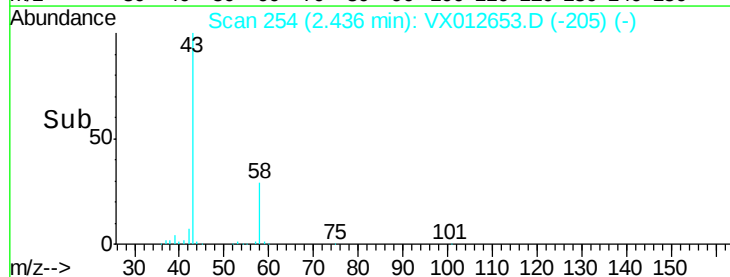
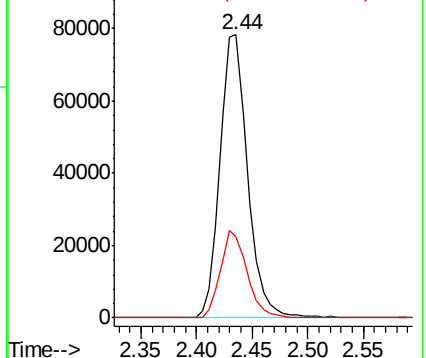
43 100

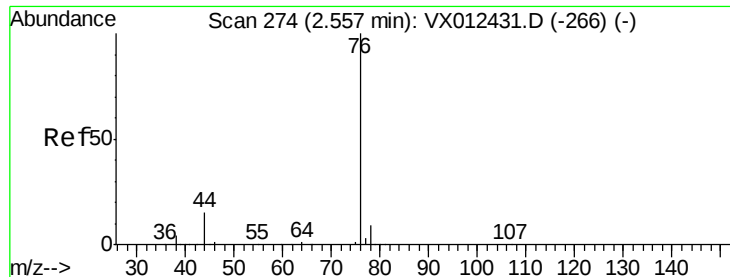
58 28.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

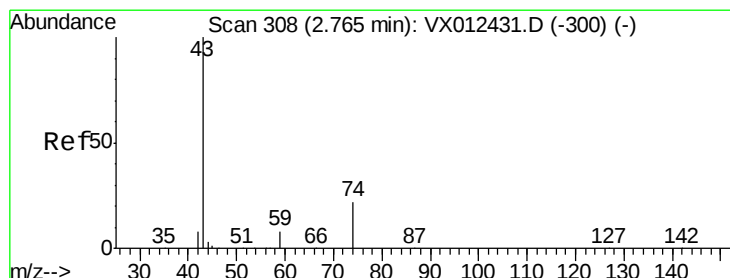
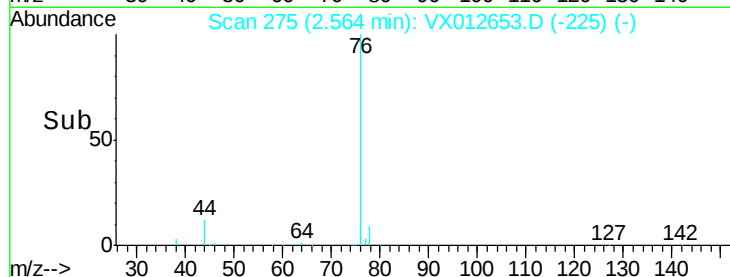
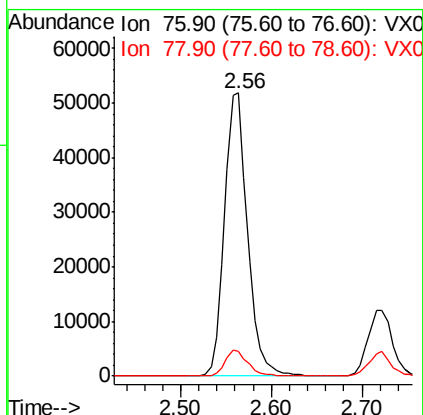
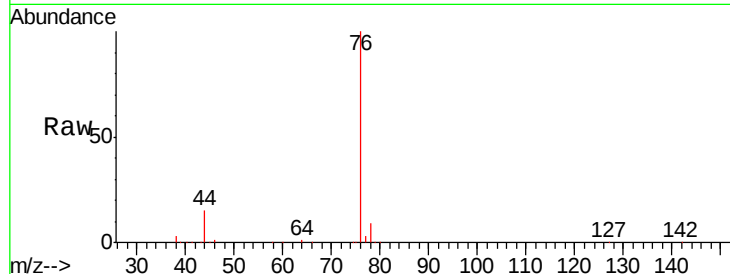




#17
Carbon Disulfide
Concen: 17.258 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

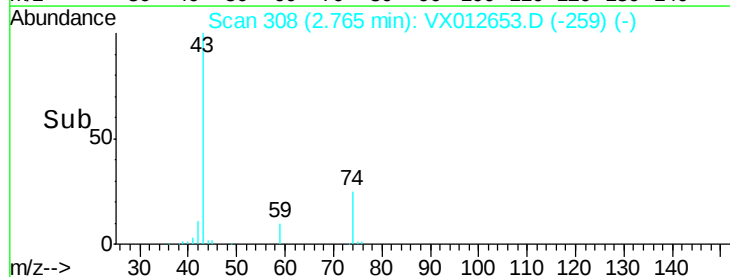
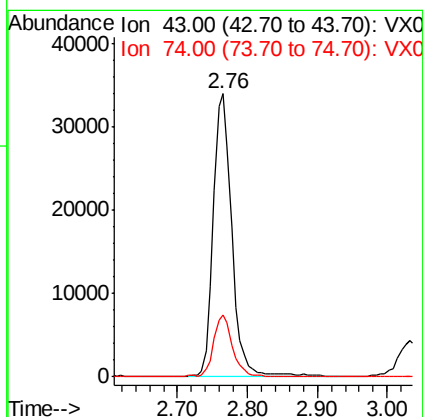
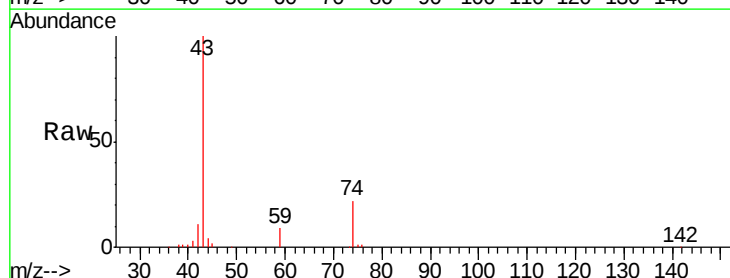
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

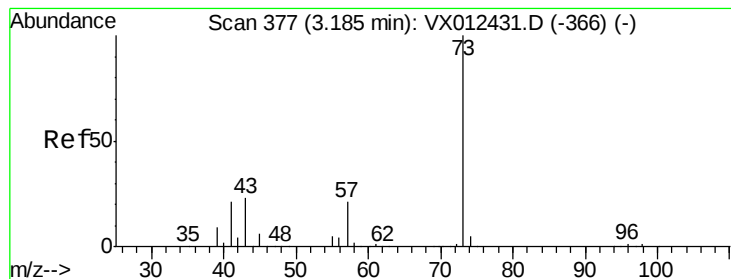
Tgt Ion: 76 Resp: 91721
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.696 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion: 43 Resp: 63072
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 19.741 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

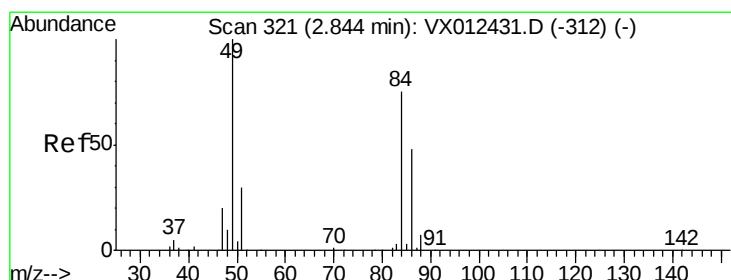
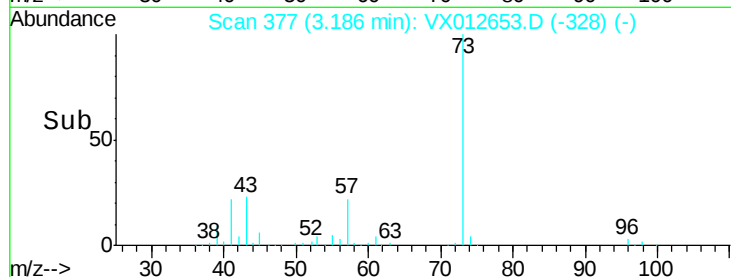
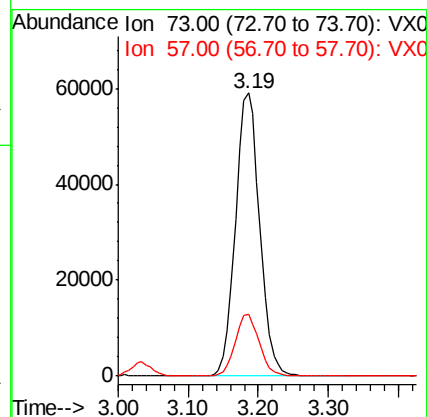
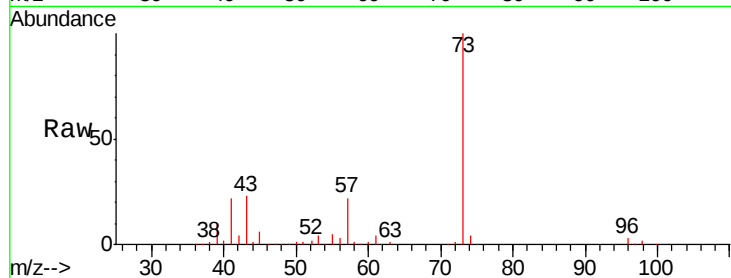
VX0925MBS01

Tgt Ion: 73 Resp: 141649

Ion Ratio Lower Upper

73 100

57 21.8 16.8 25.2



#20

Methylene Chloride

Concen: 18.853 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion: 84 Resp: 43366

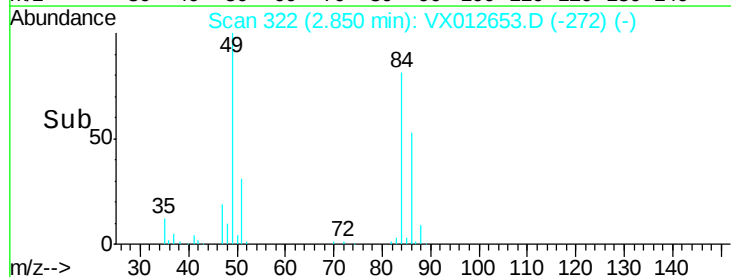
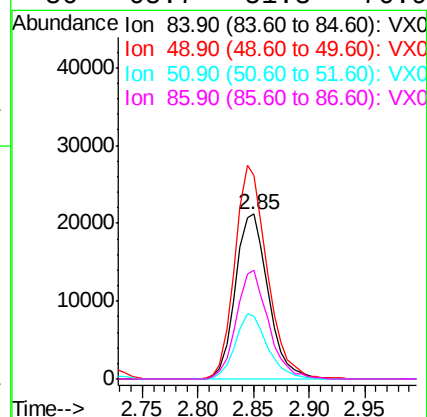
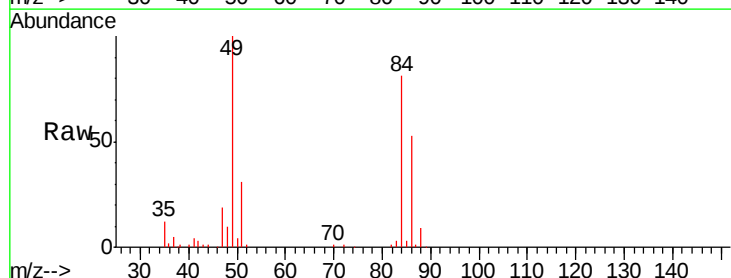
Ion Ratio Lower Upper

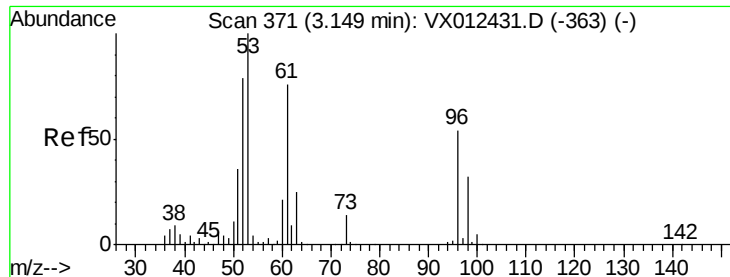
84 100

49 123.5 106.8 160.2

51 37.8 32.3 48.5

86 65.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.638 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

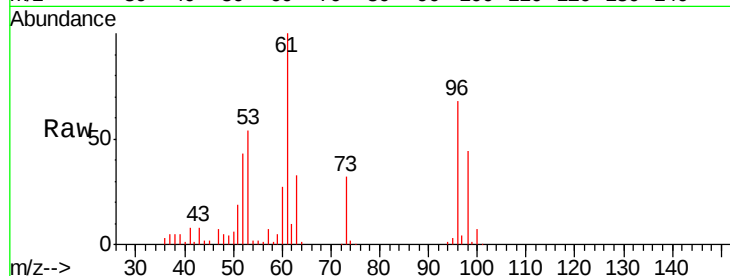
Tgt Ion: 96 Resp: 39144

Ion Ratio Lower Upper

96 100

61 148.1 112.0 168.0

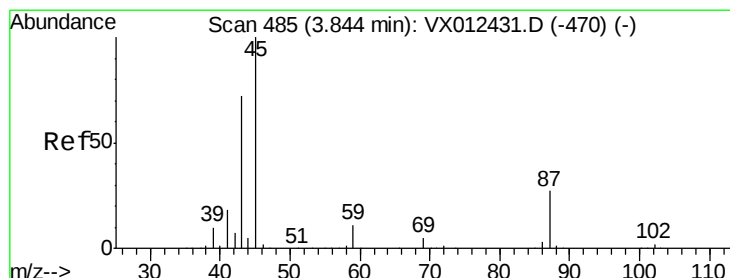
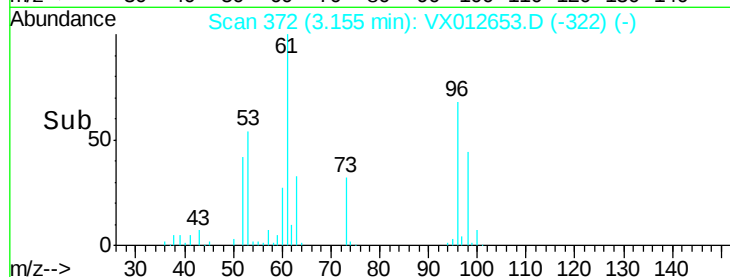
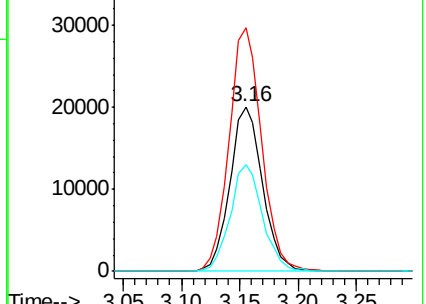
98 65.0 47.8 71.8



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: 19.531 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion: 45 Resp: 141944

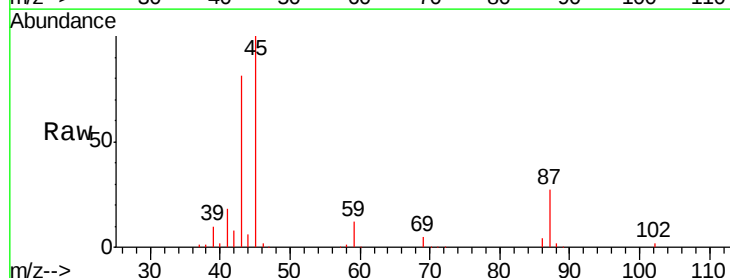
Ion Ratio Lower Upper

45 100

43 80.5 57.8 86.8

87 27.4 21.3 31.9

59 11.6 8.5 12.7

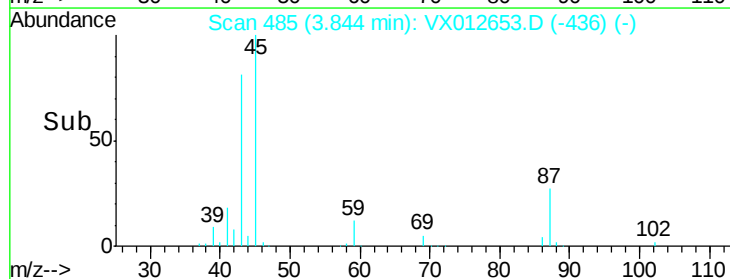
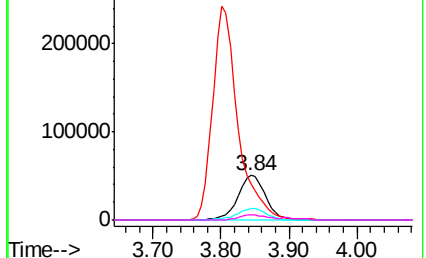


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 98.097 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

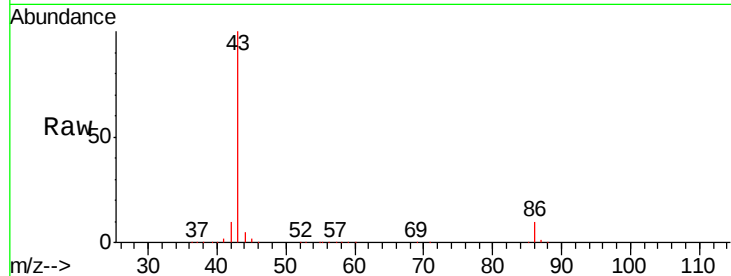
VX0925MBS01

Tgt Ion: 43 Resp: 625196

Ion Ratio Lower Upper

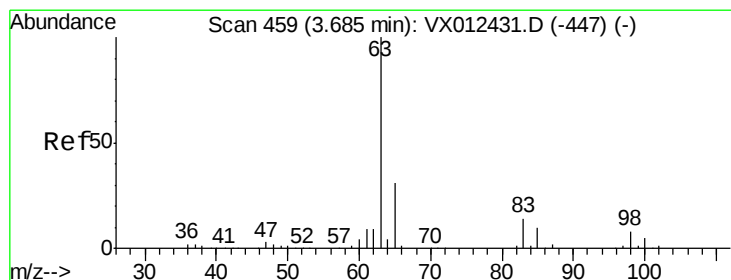
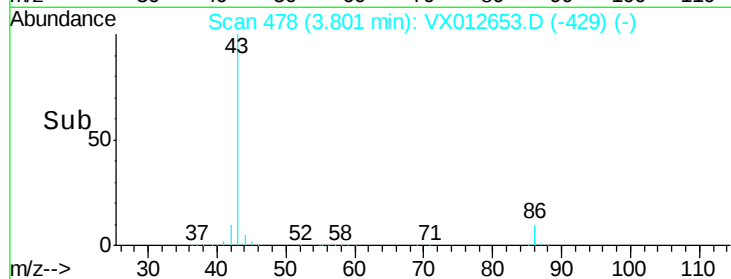
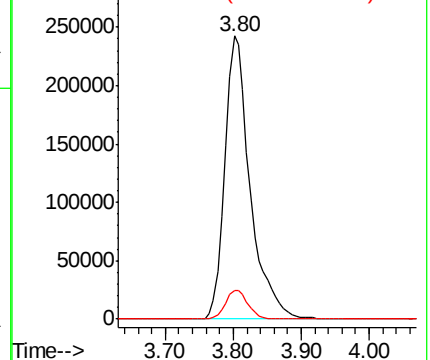
43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.524 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

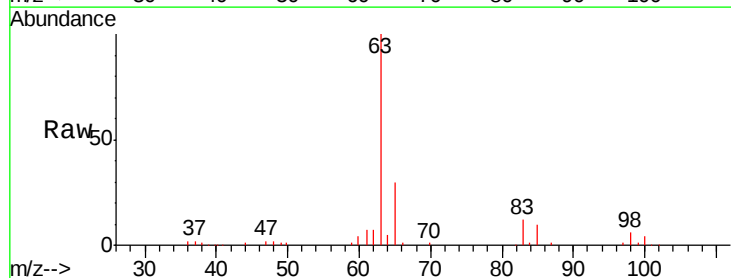
Tgt Ion: 63 Resp: 77127

Ion Ratio Lower Upper

63 100

98 6.1 3.9 11.7

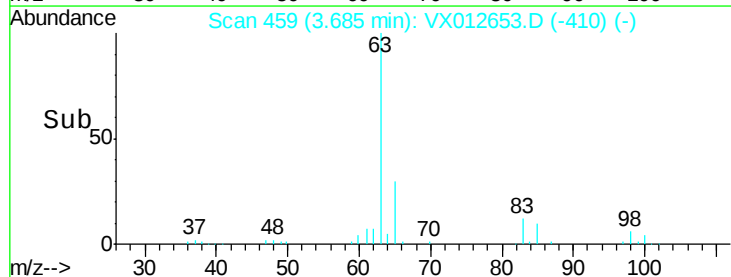
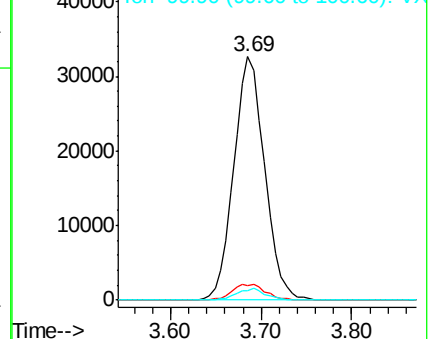
100 3.8 2.3 6.9

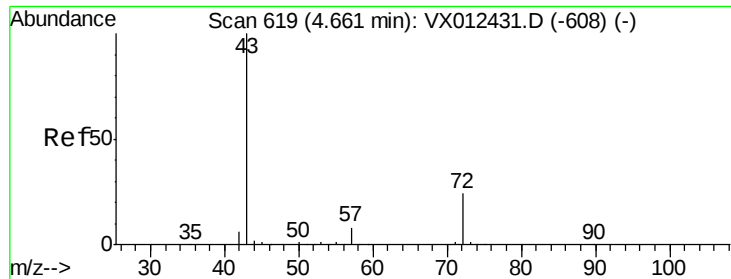


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.762 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

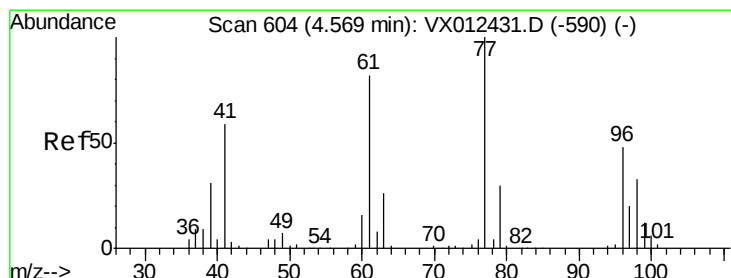
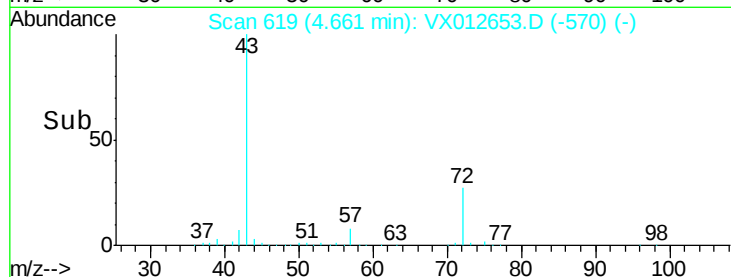
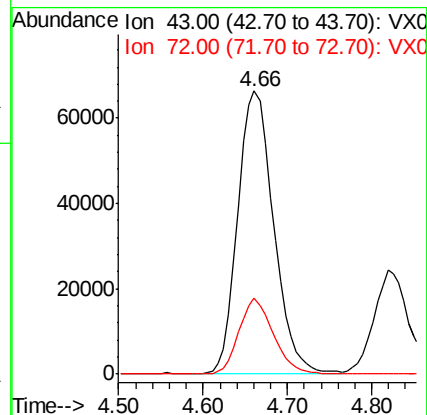
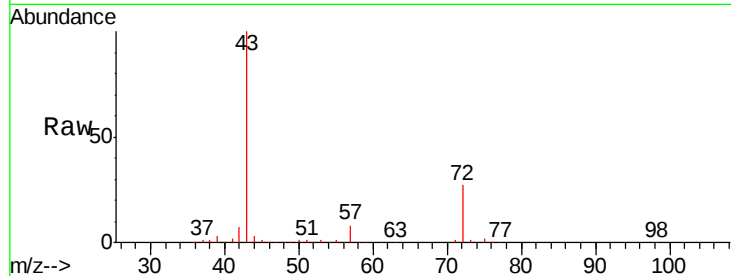
VX0925MBS01

Tgt Ion: 43 Resp: 190635

Ion Ratio Lower Upper

43 100

72 26.6 19.2 28.8



#26

2,2-Dichloropropane

Concen: 18.930 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012653.D

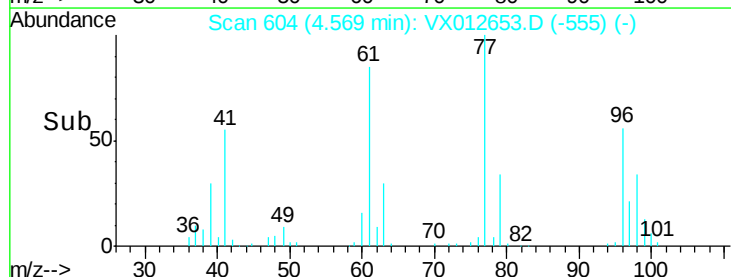
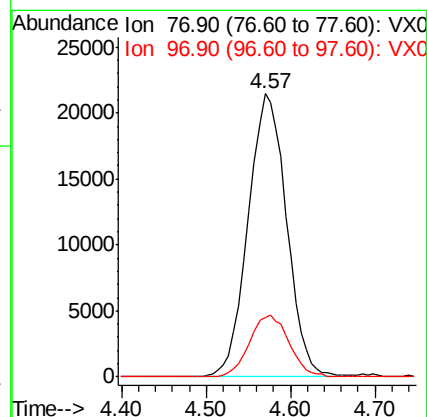
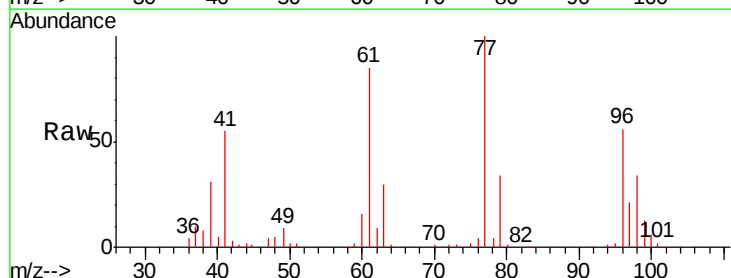
Acq: 25 Sep 2019 11:58

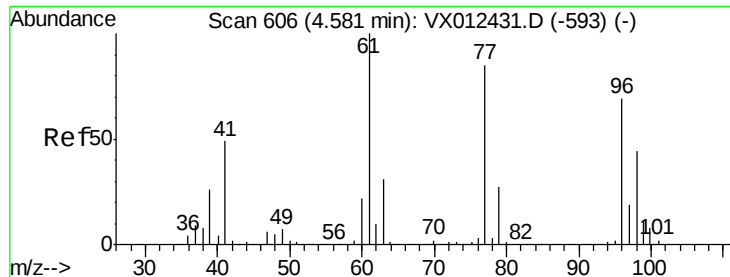
Tgt Ion: 77 Resp: 66512

Ion Ratio Lower Upper

77 100

97 22.4 10.5 31.6



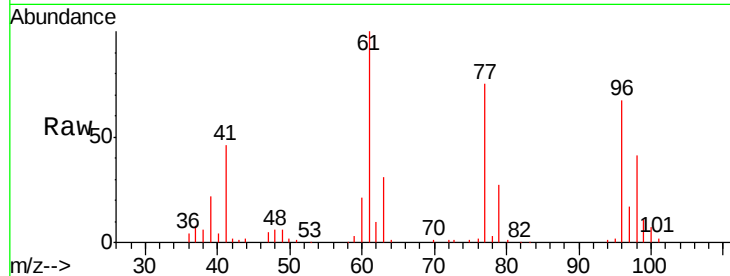


#27

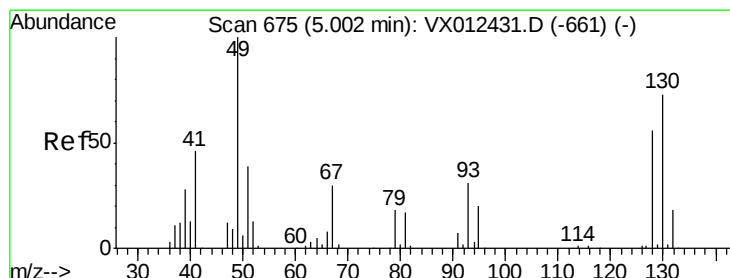
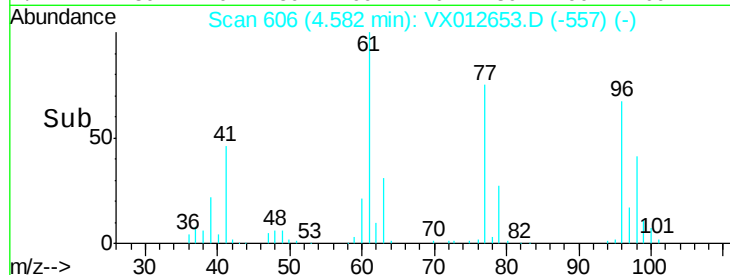
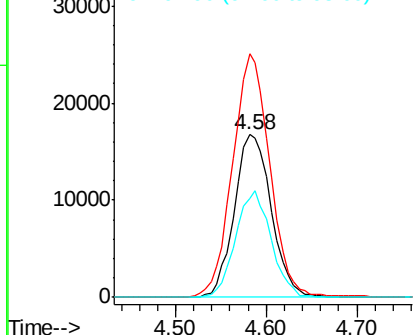
cis-1,2-Dichloroethene
Concen: 19.472 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tgt Ion: 96 Resp: 47452
Ion Ratio Lower Upper
96 100
61 151.2 0.0 319.4
98 62.9 0.0 130.6



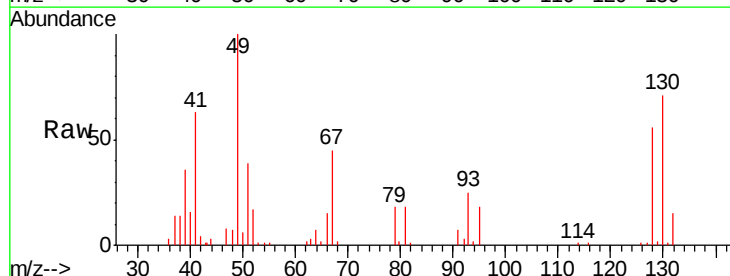
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



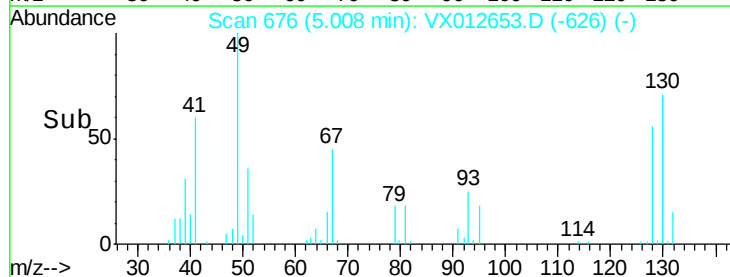
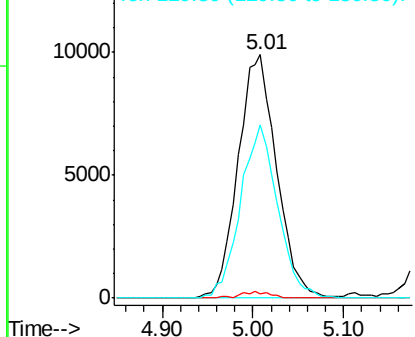
#28

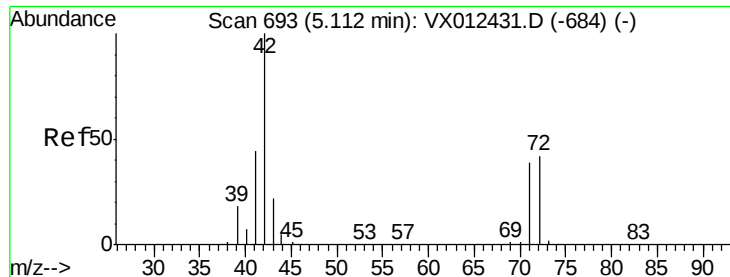
Bromochloromethane
Concen: 20.294 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion: 49 Resp: 29110
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 68.8 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: 100.476 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

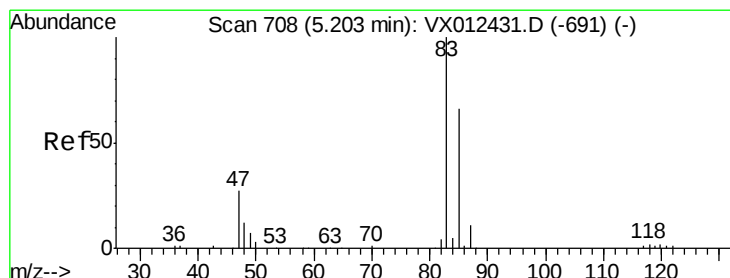
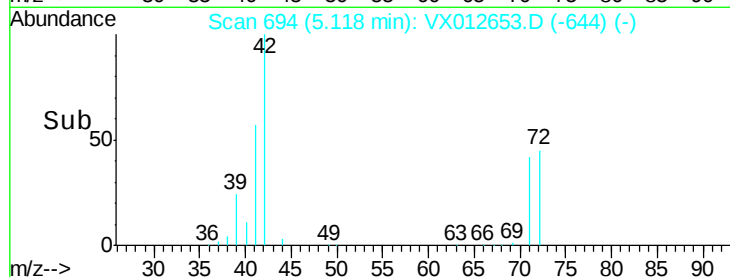
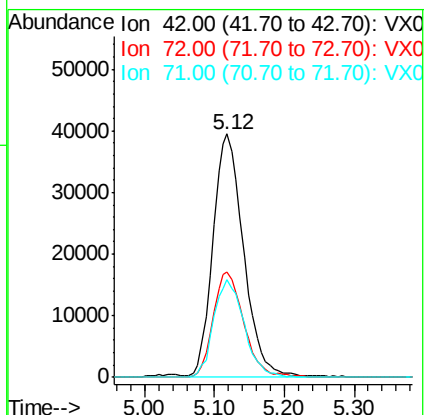
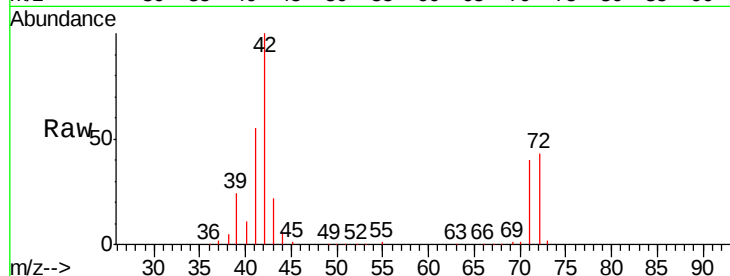
Tgt Ion: 42 Resp: 119418

Ion Ratio Lower Upper

42 100

72 42.8 34.0 51.0

71 40.2 31.5 47.3



#30

Chloroform

Concen: 19.117 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012653.D

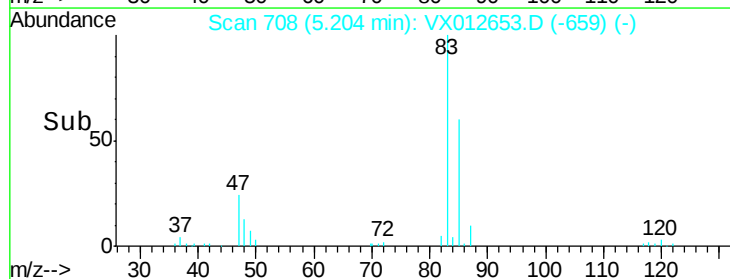
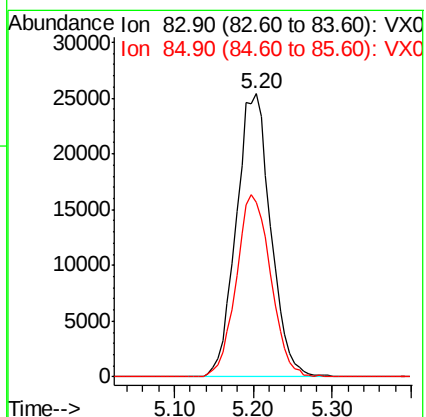
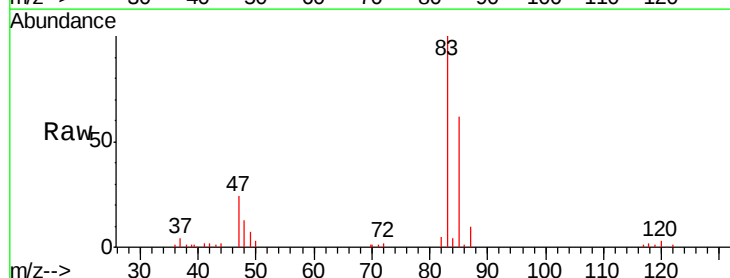
Acq: 25 Sep 2019 11:58

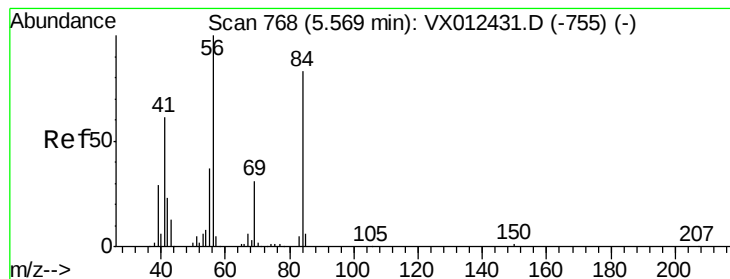
Tgt Ion: 83 Resp: 77263

Ion Ratio Lower Upper

83 100

85 61.8 53.0 79.4





#31

Cyclohexane

Concen: 19.312 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

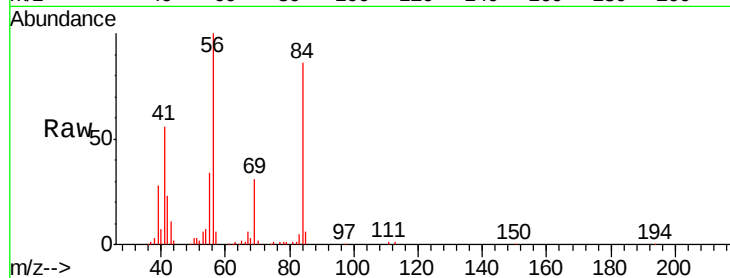
Tgt Ion: 56 Resp: 69019

Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.6

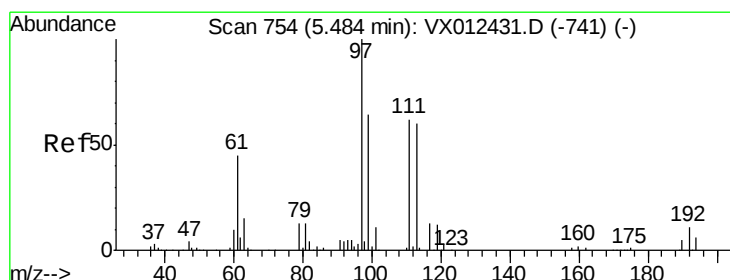
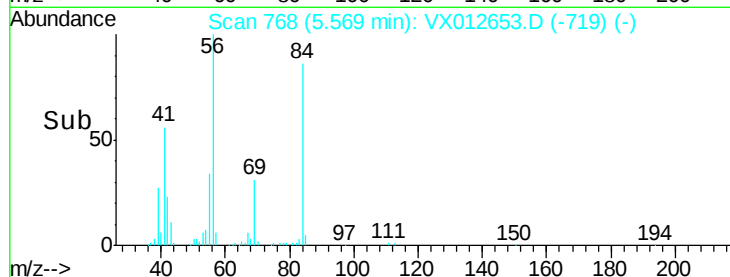
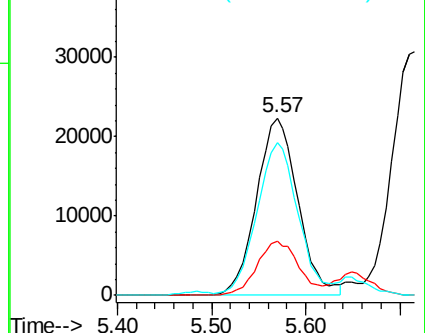
84 84.3 66.4 99.6



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: 18.643 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

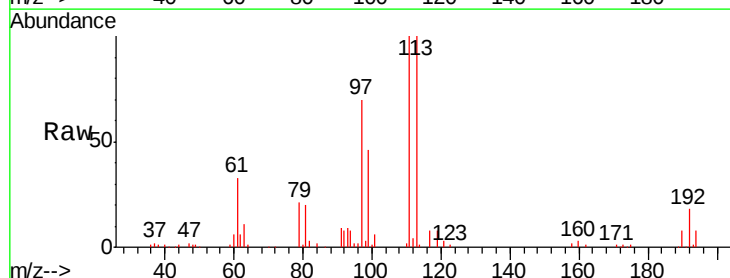
Tgt Ion: 97 Resp: 66780

Ion Ratio Lower Upper

97 100

99 65.9 51.3 76.9

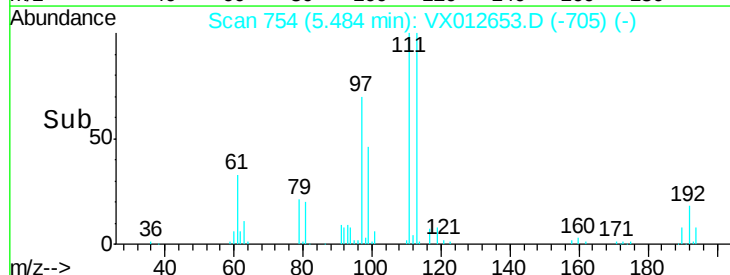
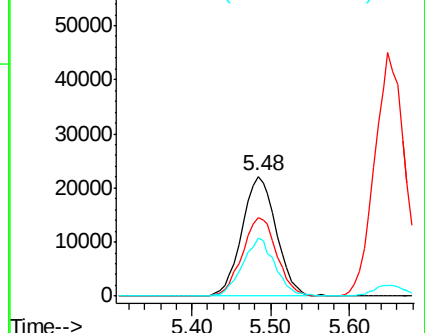
61 46.0 36.1 54.1

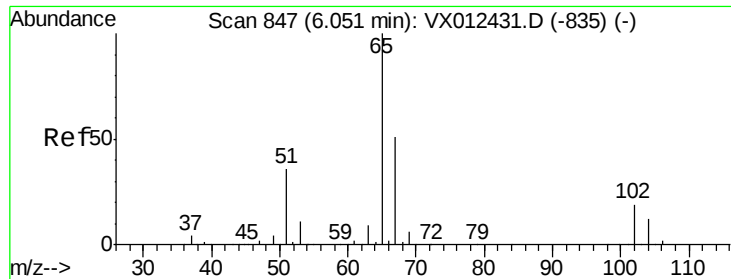


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

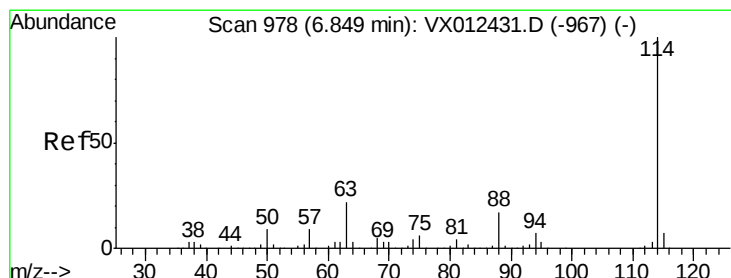
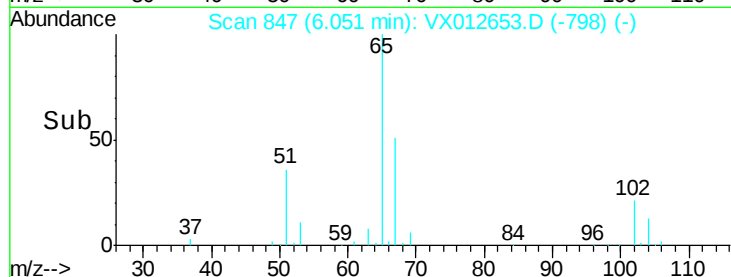
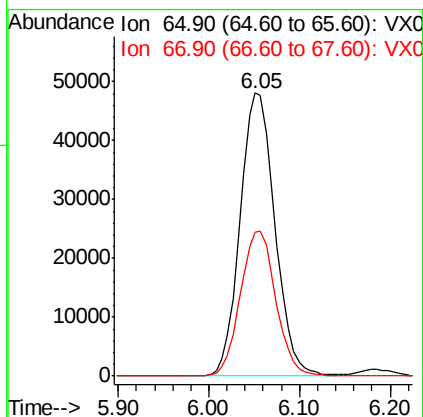
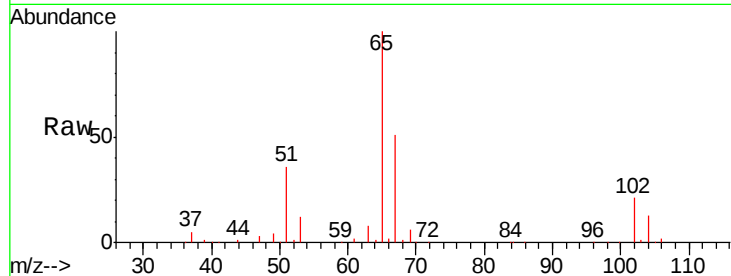




#33
 1,2-Dichloroethane-d4
 Concen: 49.794 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

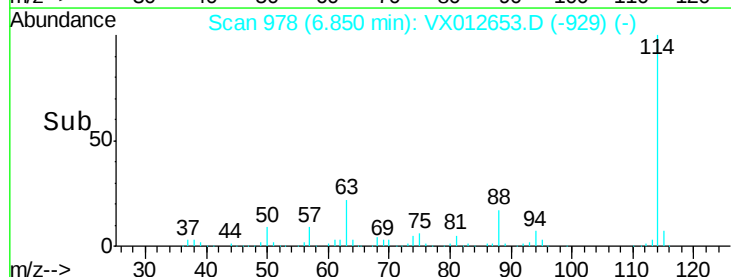
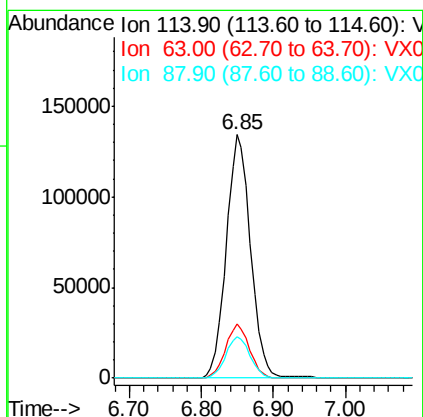
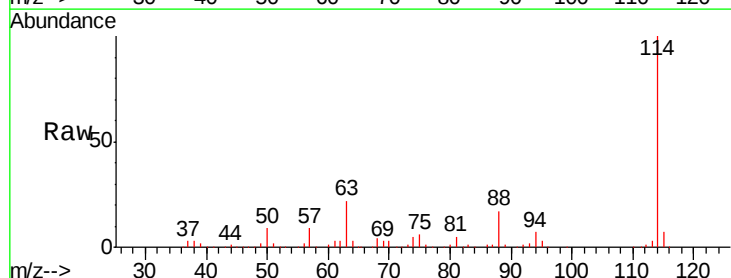
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tgt Ion: 65 Resp: 127848
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion: 114 Resp: 315683
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.365 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

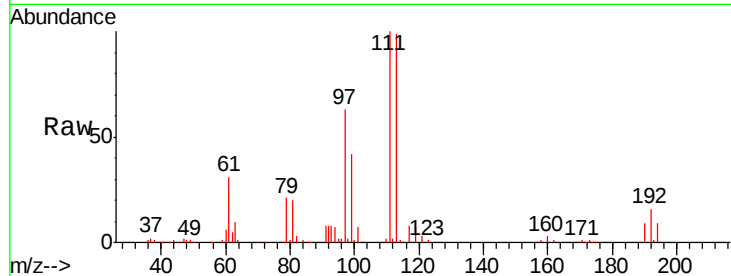
Tgt Ion:113 Resp: 92807

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

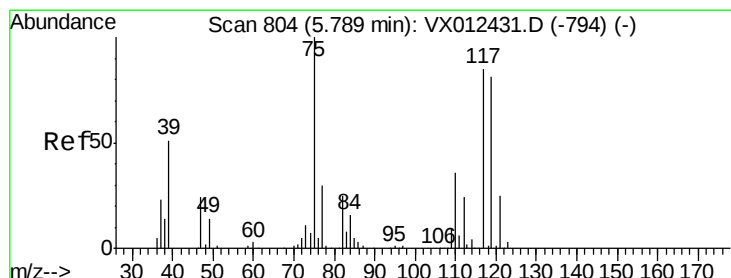
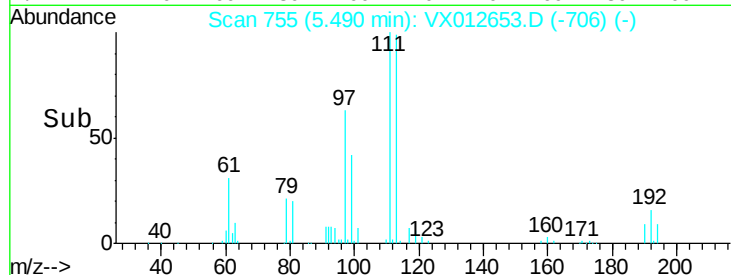
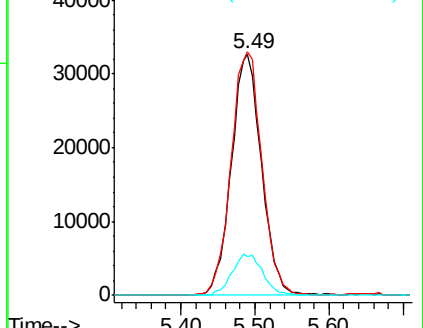
192 17.4 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.640 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

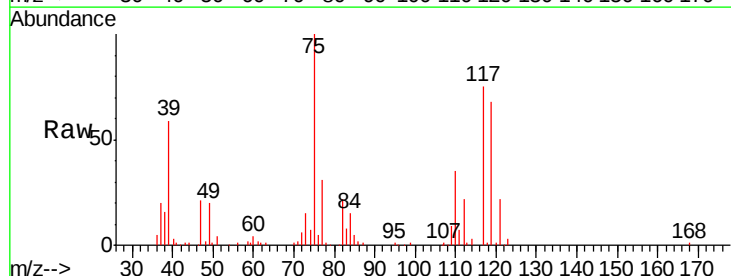
Tgt Ion: 75 Resp: 56720

Ion Ratio Lower Upper

75 100

110 34.6 16.7 50.0

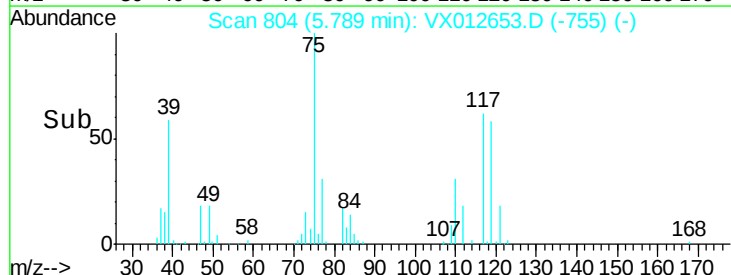
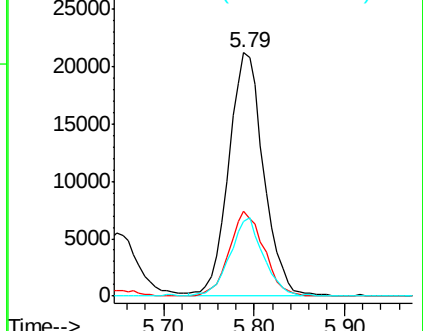
77 31.0 24.2 36.2

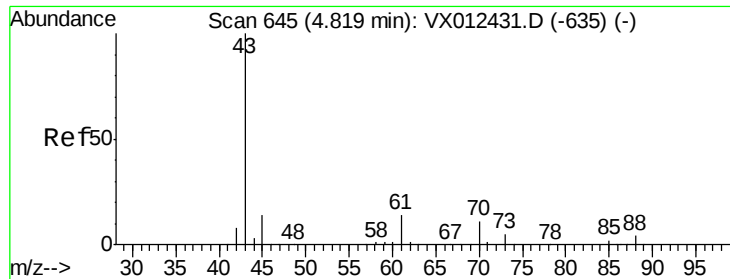


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

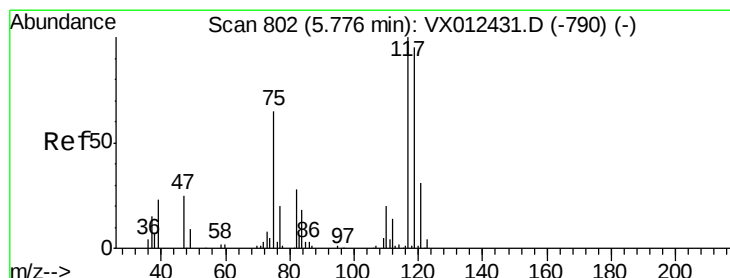
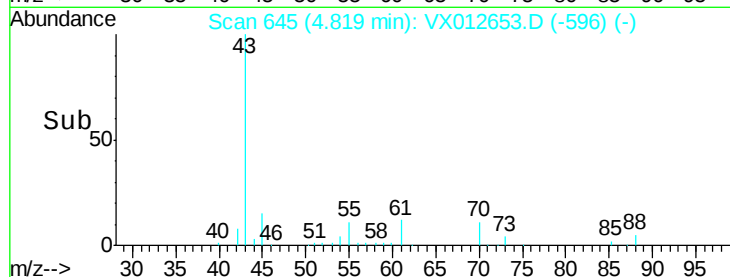
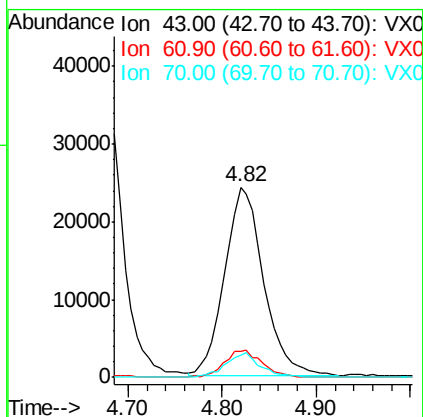
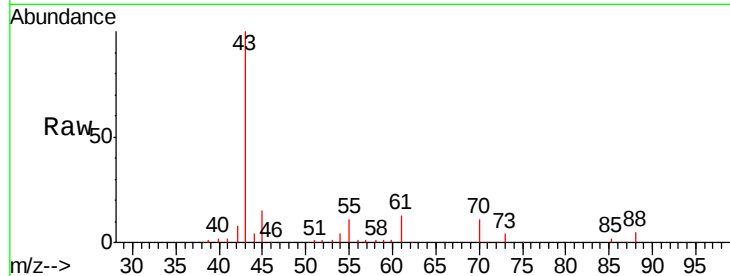




#37
Ethyl Acetate
Concen: 19.533 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

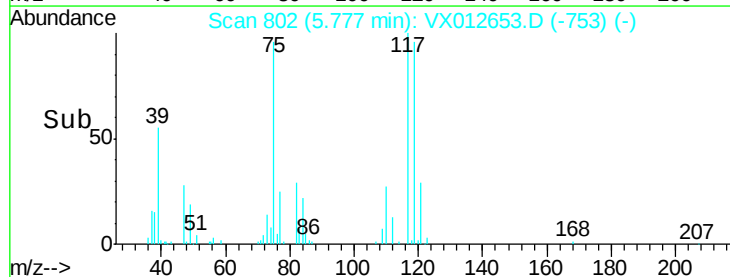
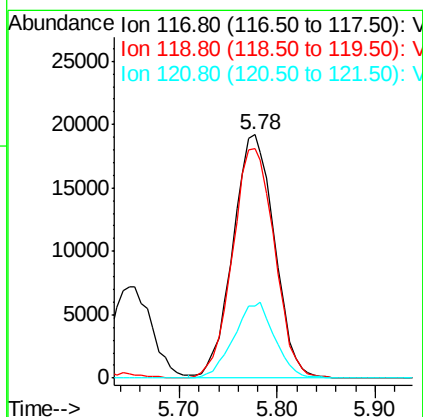
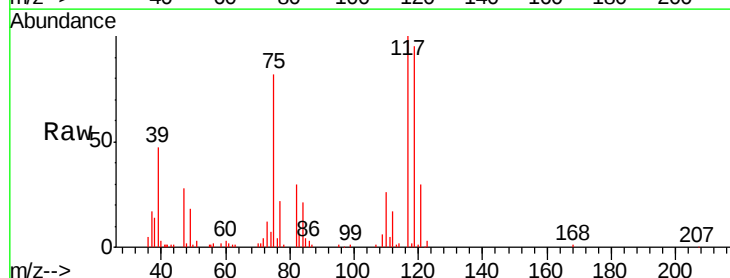
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

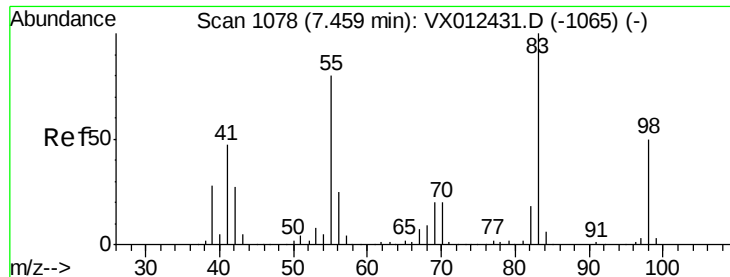
Tgt Ion: 43 Resp: 69487
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.4
70 11.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.385 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion: 117 Resp: 56828
Ion Ratio Lower Upper
117 100
119 94.5 75.7 113.5
121 29.7 24.2 36.4

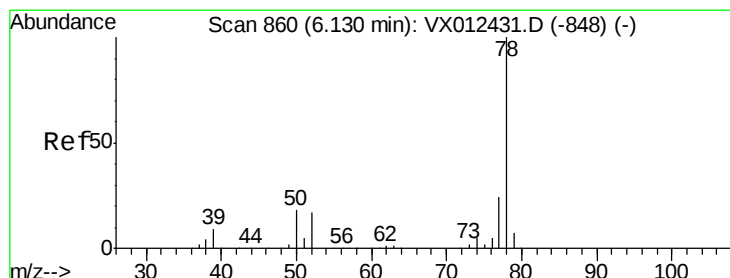
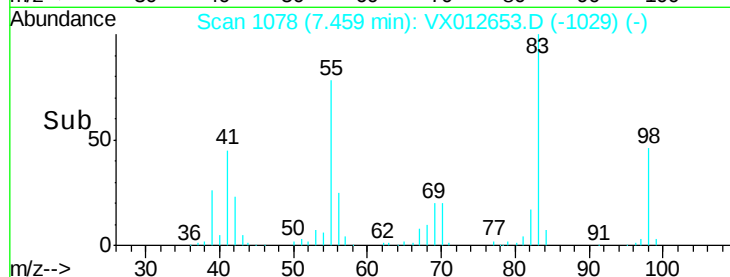
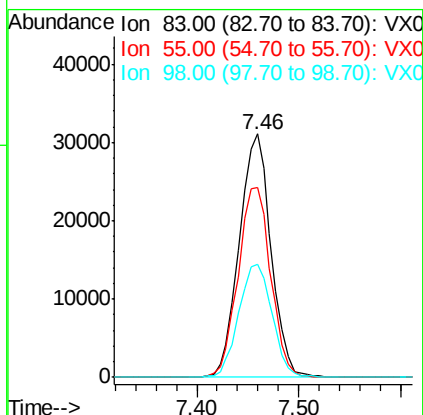
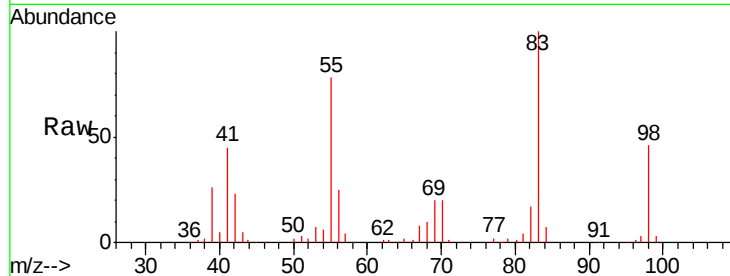




#39
Methylcyclohexane
Concen: 18.316 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

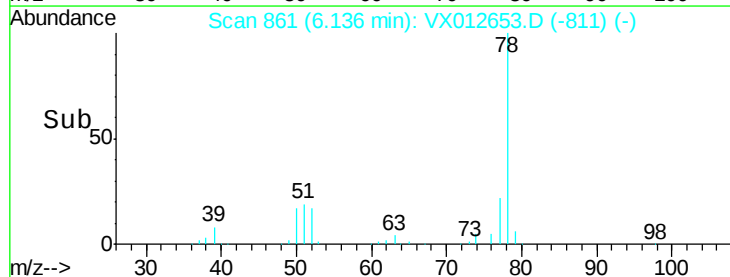
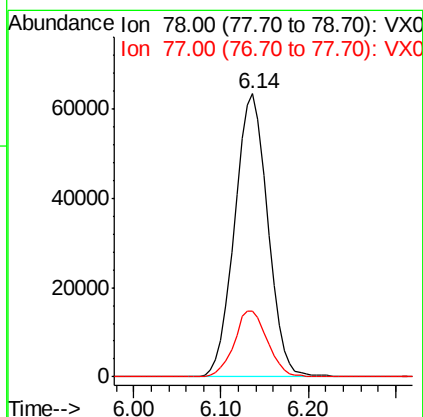
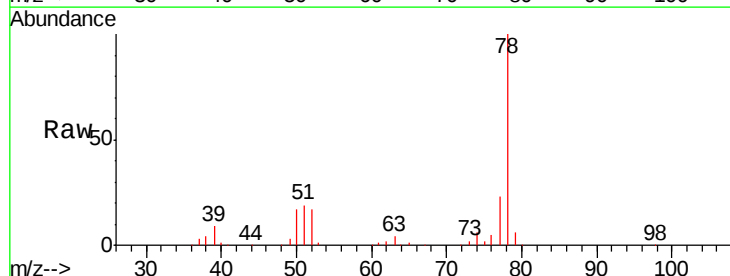
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

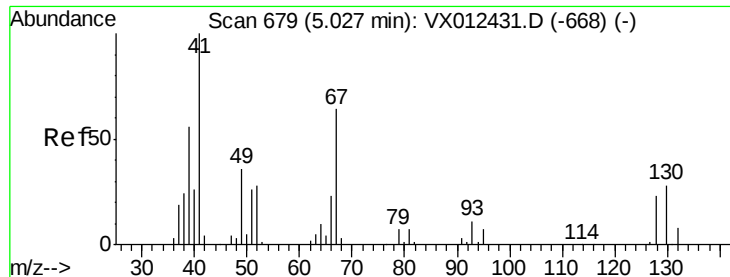
Tgt Ion: 83 Resp: 67095
Ion Ratio Lower Upper
83 100
55 78.1 64.4 96.6
98 46.5 40.1 60.1



#40
Benzene
Concen: 18.664 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion: 78 Resp: 167097
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8





#41

Methacrylonitrile

Concen: 19.712 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tgt Ion: 41 Resp: 39344

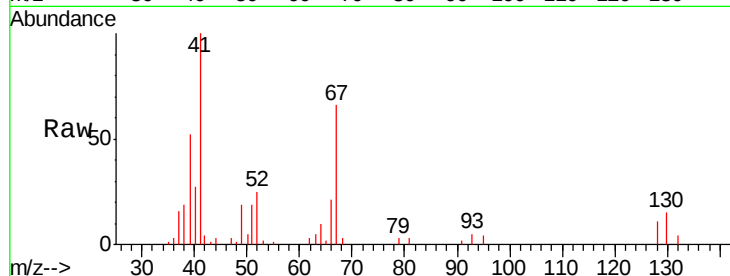
Ion Ratio Lower Upper

41 100

39 54.9 46.0 69.0

67 67.6 52.2 78.2

52 28.2 22.7 34.1

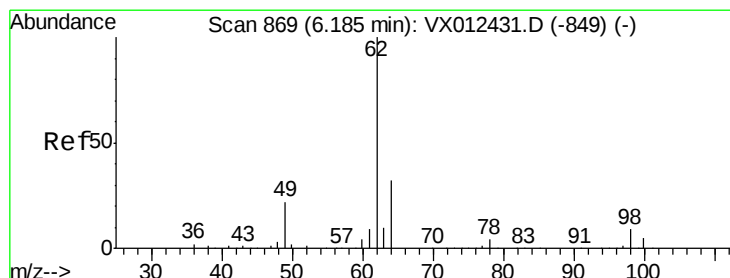
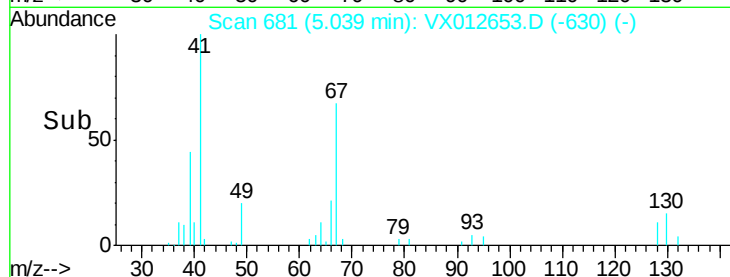
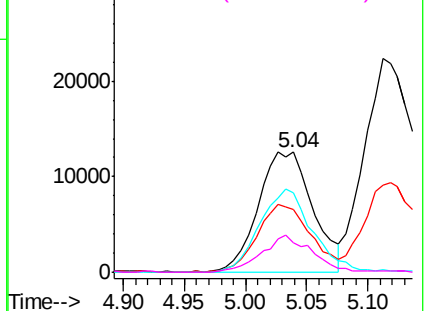


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.577 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012653.D

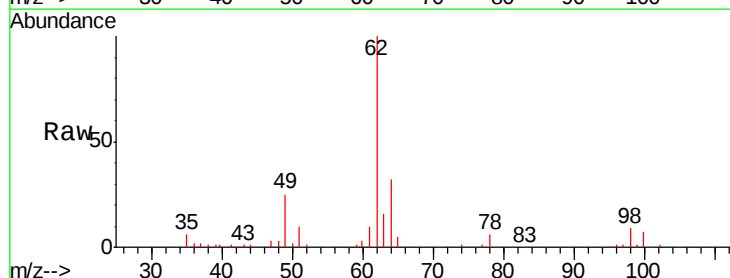
Acq: 25 Sep 2019 11:58

Tgt Ion: 62 Resp: 66556

Ion Ratio Lower Upper

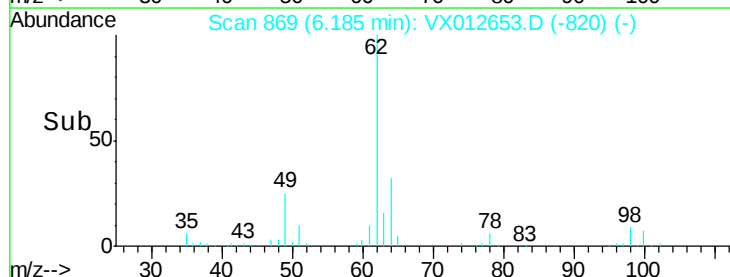
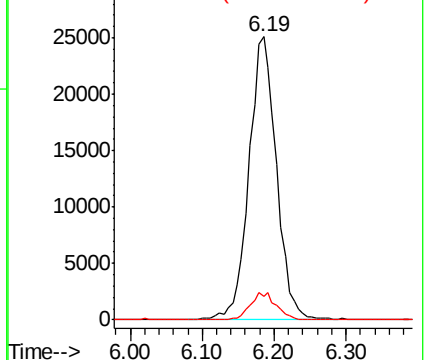
62 100

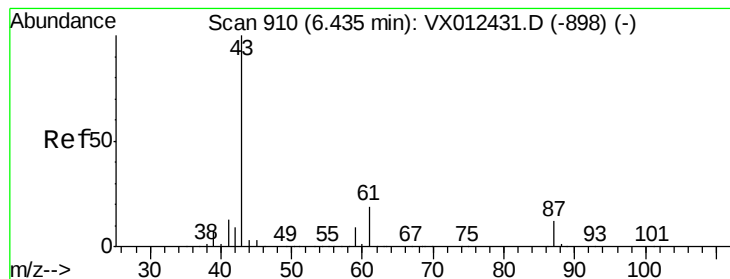
98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.009 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

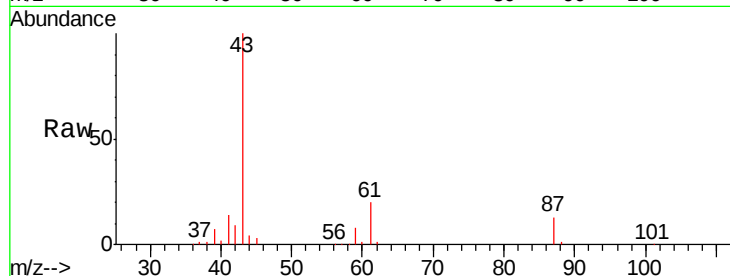
Tgt Ion: 43 Resp: 113086

Ion Ratio Lower Upper

43 100

61 20.1 15.4 23.0

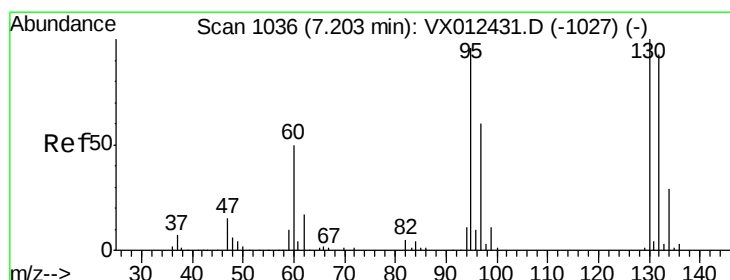
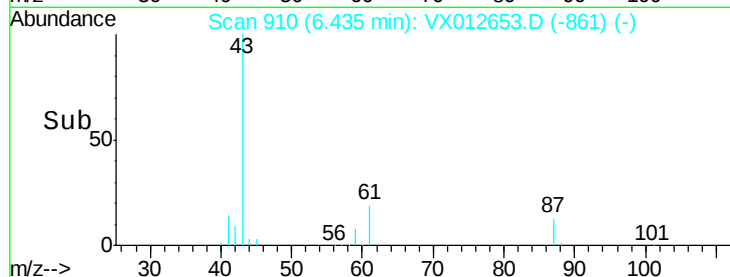
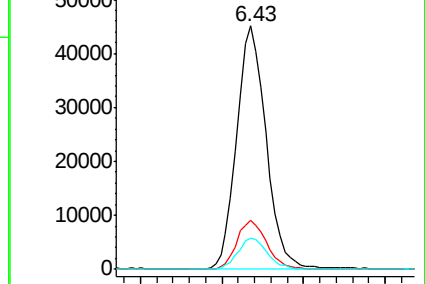
87 12.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.659 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012653.D

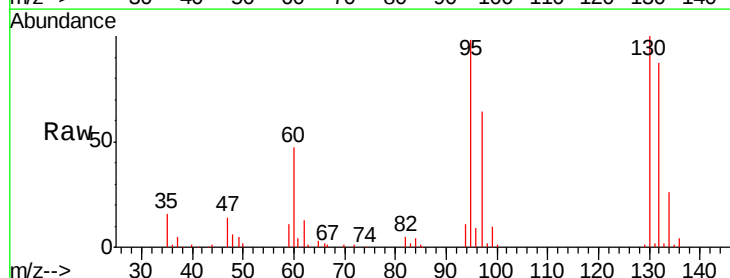
Acq: 25 Sep 2019 11:58

Tgt Ion: 130 Resp: 42706

Ion Ratio Lower Upper

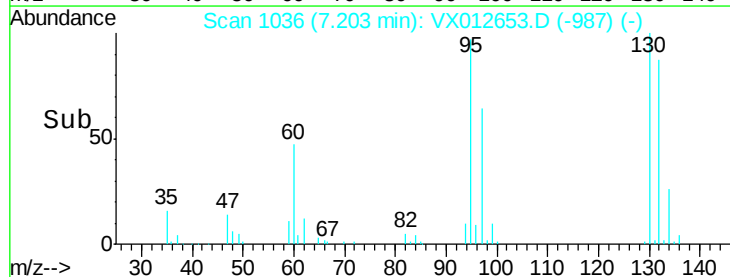
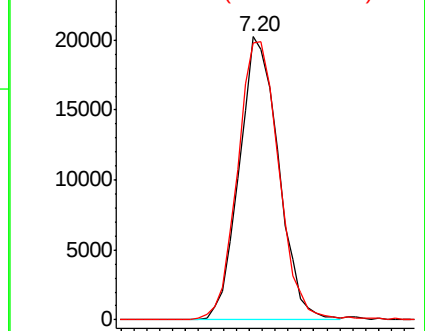
130 100

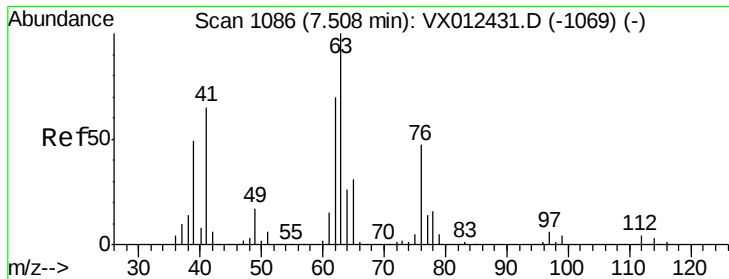
95 97.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.055 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

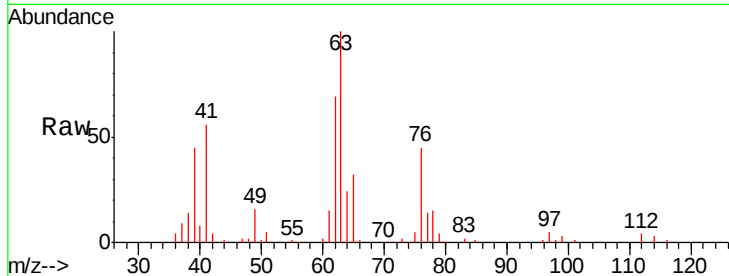
VX0925MBS01

Tgt Ion: 63 Resp: 43676

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

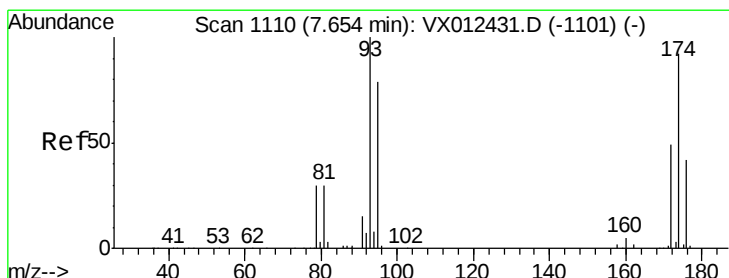
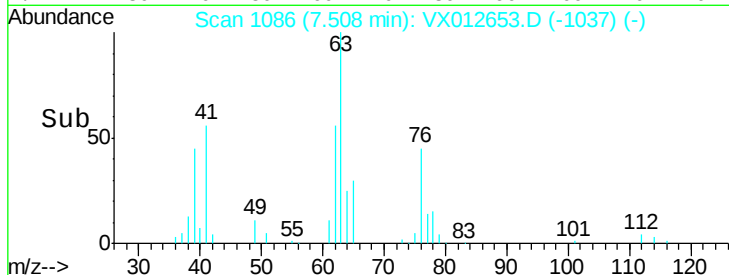
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 18.725 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

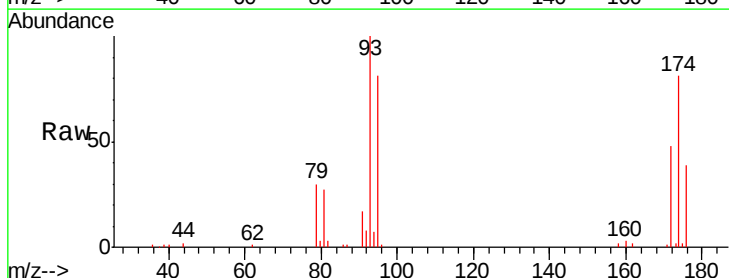
Tgt Ion: 93 Resp: 29222

Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

174 86.0 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

20000

15000

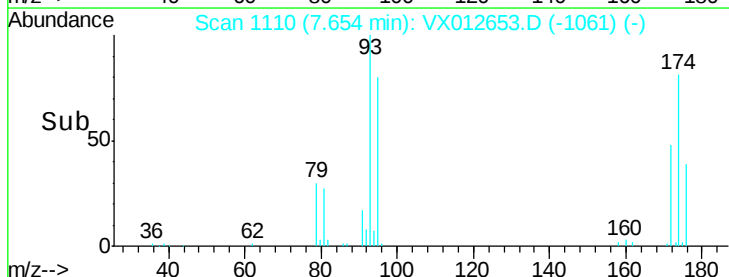
10000

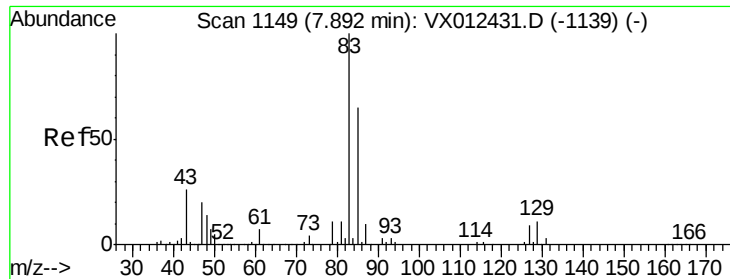
5000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 18.483 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

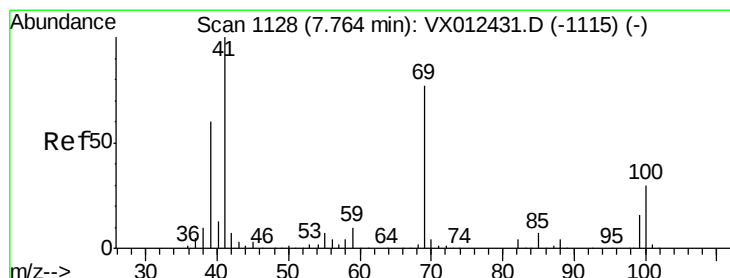
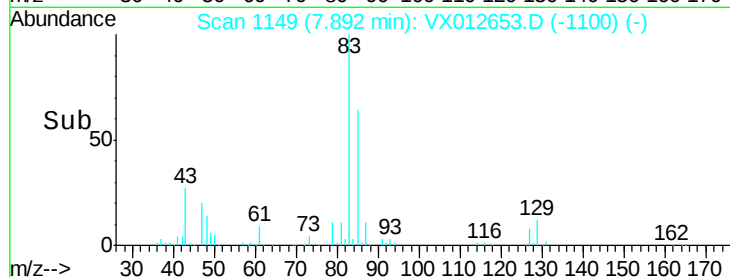
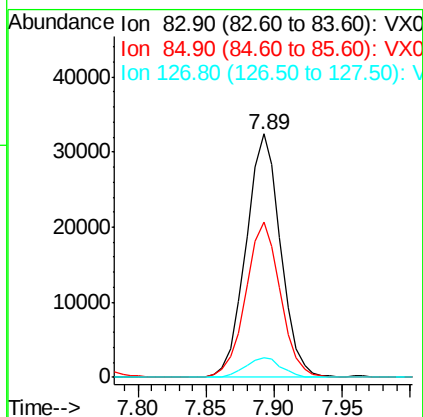
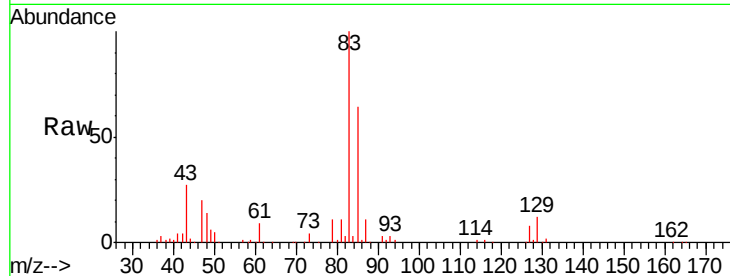
Tgt Ion: 83 Resp: 57650

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6

127 8.3 7.3 10.9



#48

Methyl methacrylate

Concen: 18.935 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

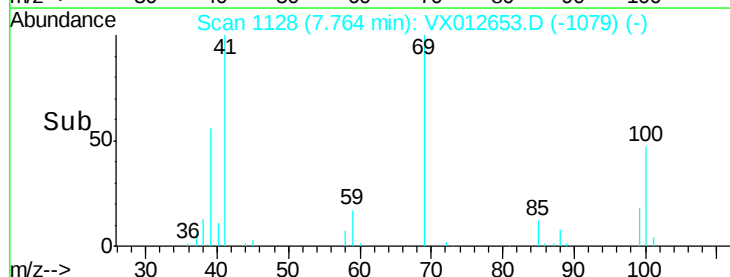
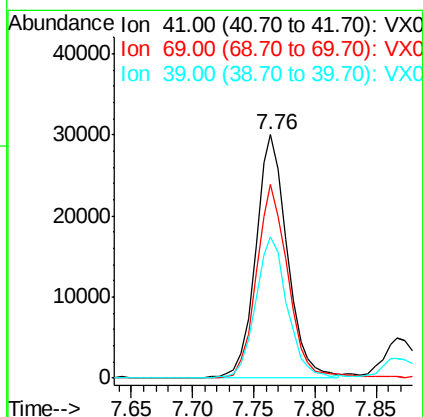
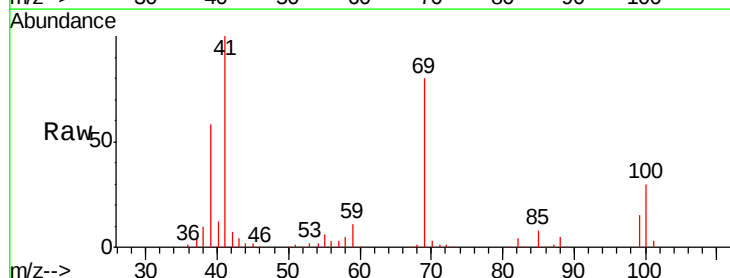
Tgt Ion: 41 Resp: 54013

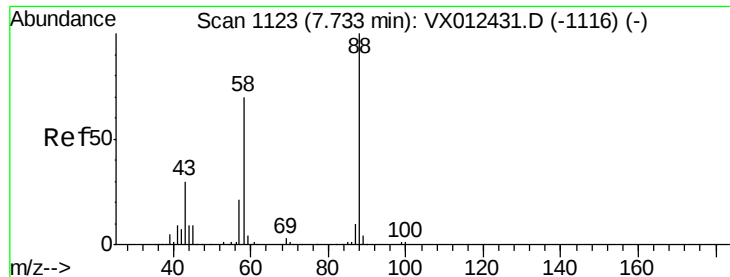
Ion Ratio Lower Upper

41 100

69 80.2 59.9 89.9

39 58.9 47.8 71.6

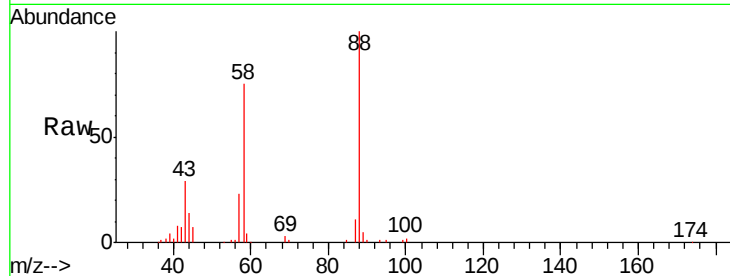




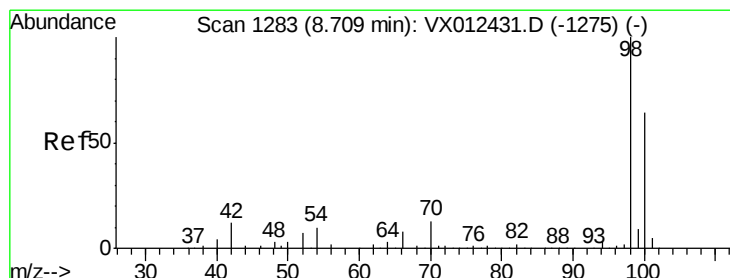
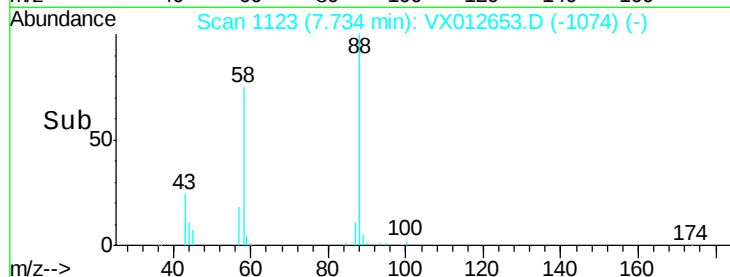
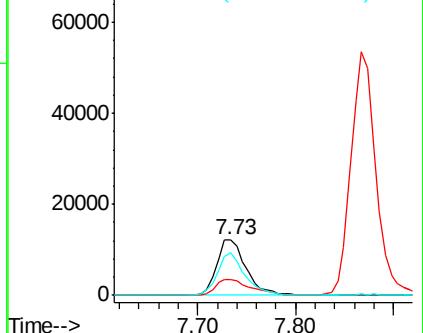
#49
1,4-Dioxane
Concen: 396.763 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tgt Ion: 88 Resp: 25671
Ion Ratio Lower Upper
88 100
43 34.9 29.4 44.0
58 71.0 57.5 86.3

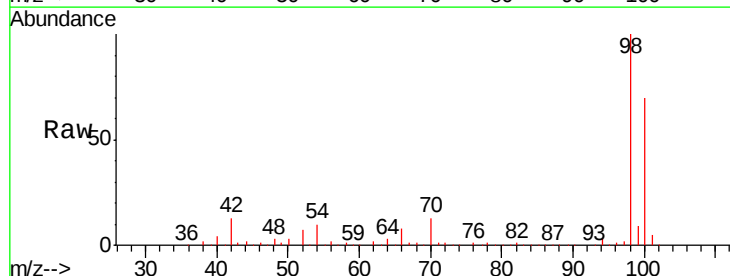


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

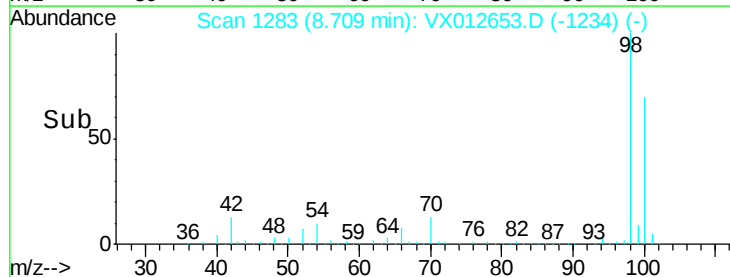
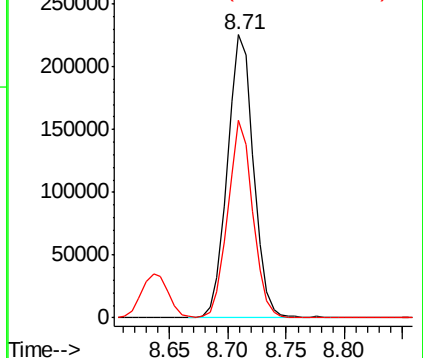


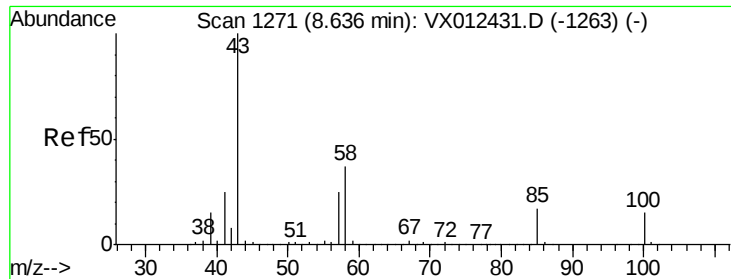
#50
Toluene-d8
Concen: 48.655 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion: 98 Resp: 352269
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.610 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

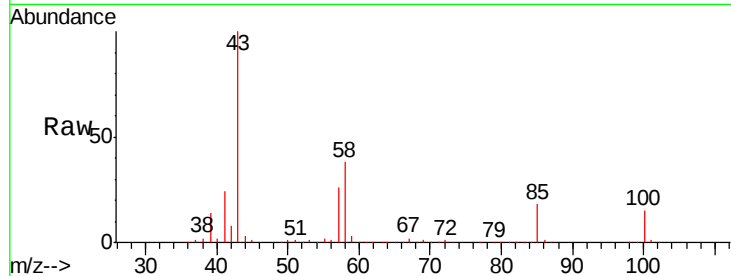
VX0925MBS01

Tgt Ion: 43 Resp: 354779

Ion Ratio Lower Upper

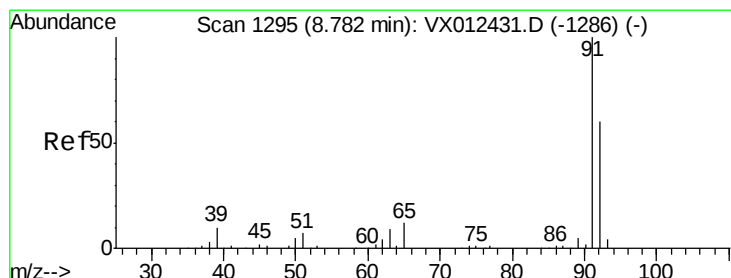
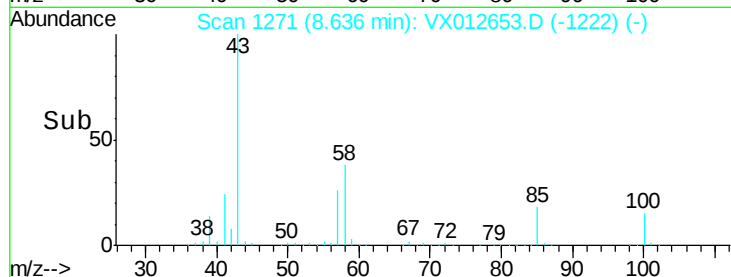
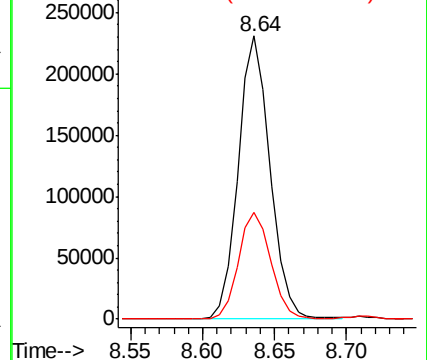
43 100

58 38.2 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: 18.969 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012653.D

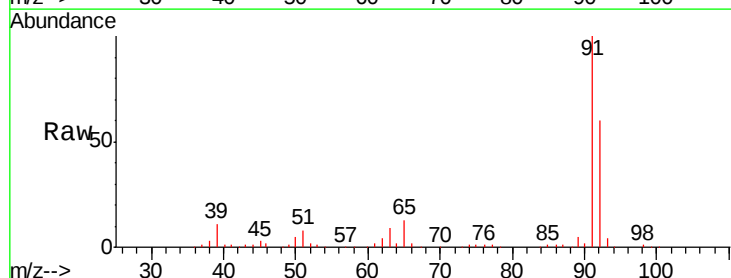
Acq: 25 Sep 2019 11:58

Tgt Ion: 92 Resp: 106736

Ion Ratio Lower Upper

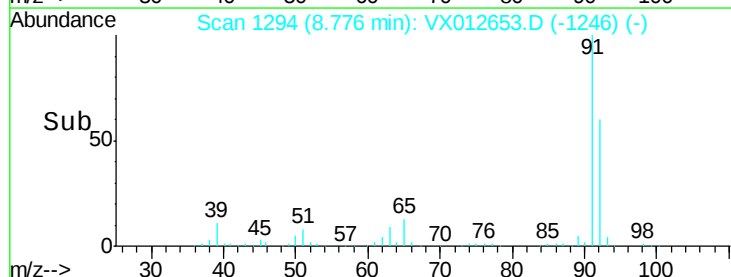
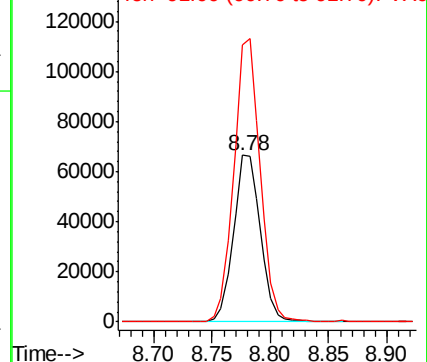
92 100

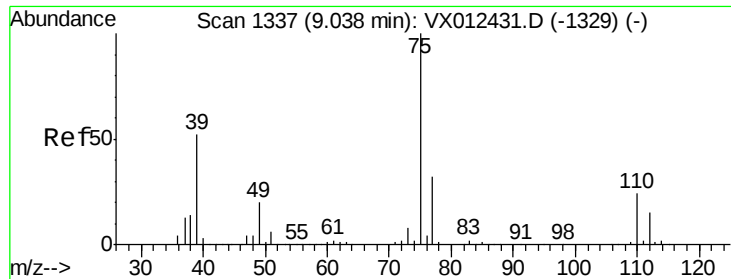
91 166.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

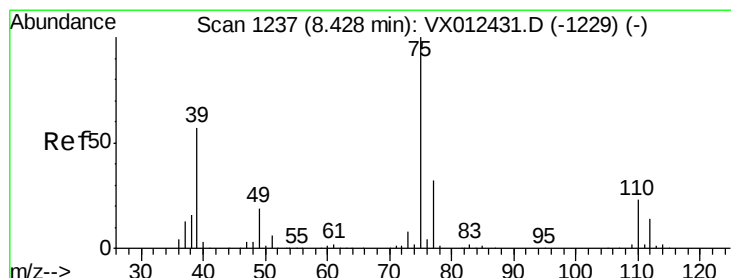
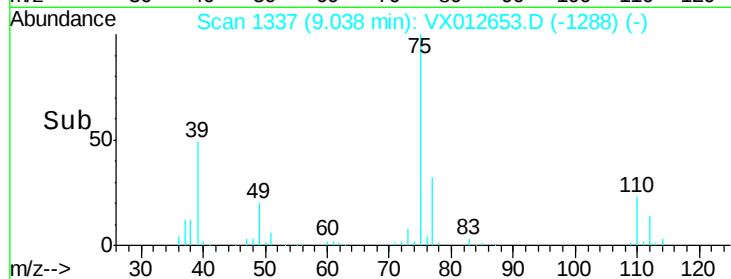
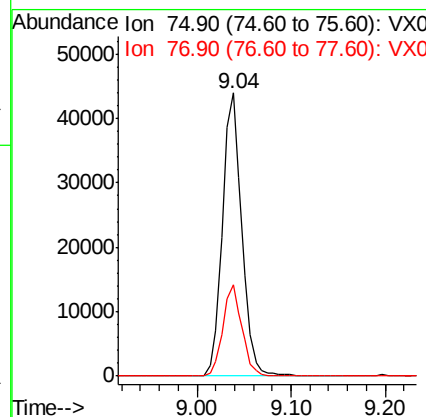
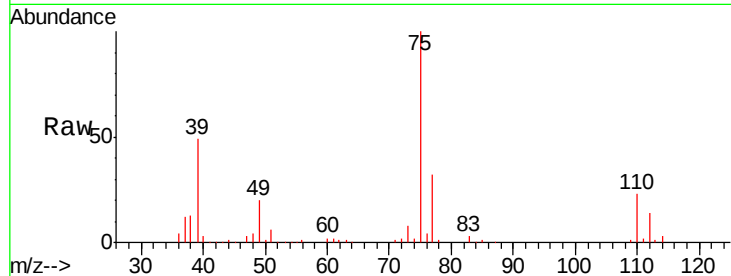




#53
 t-1,3-Dichloropropene
 Concen: 18.179 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

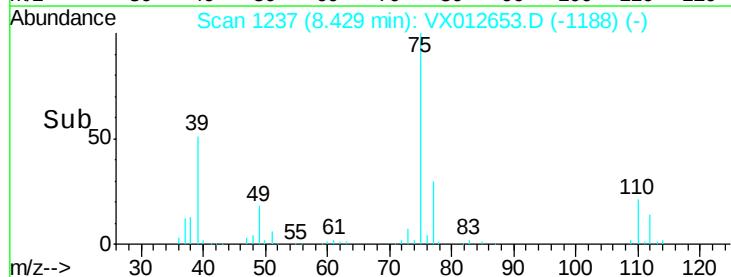
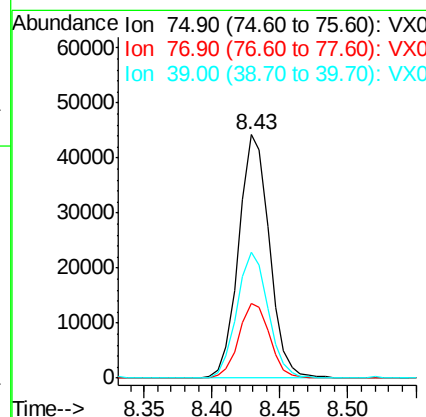
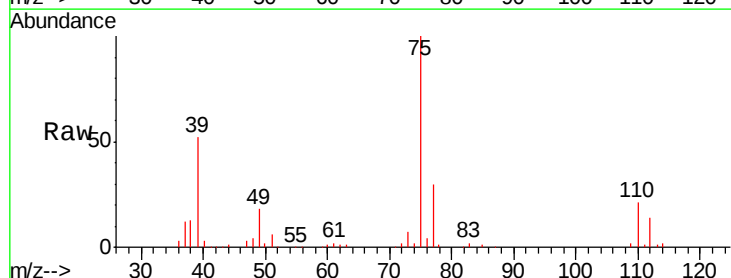
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

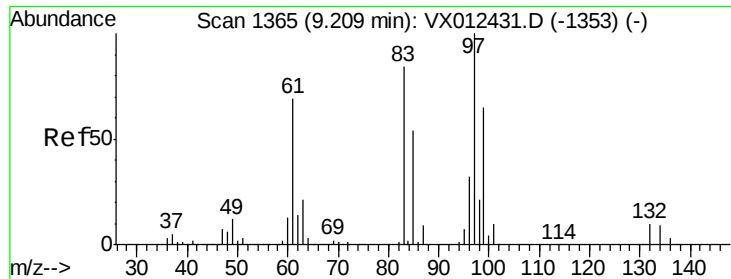
Tgt Ion: 75 Resp: 62736
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.517 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion: 75 Resp: 69770
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.8
 39 51.6 45.5 68.3

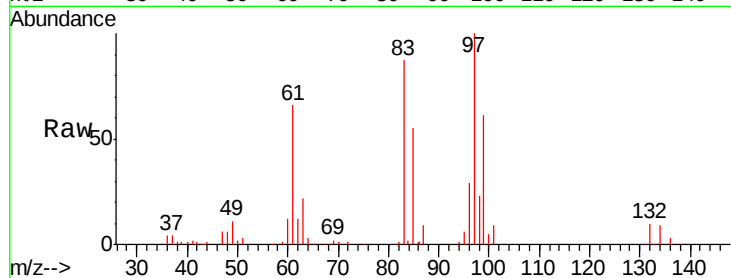




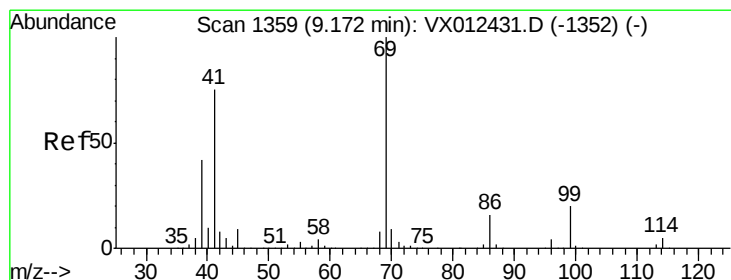
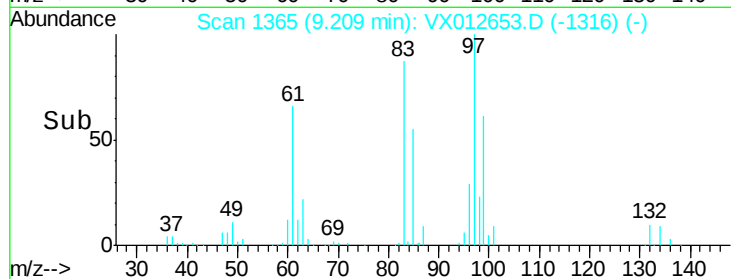
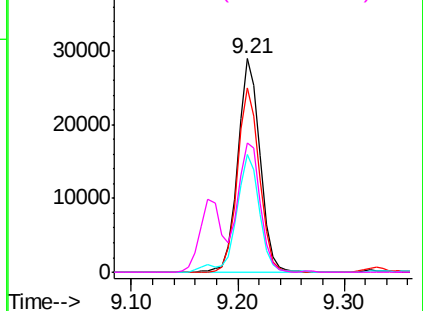
#55
 1,1,2-Trichloroethane
 Concen: 18.952 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tgt Ion:	97	Resp:	42398
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.4	101.2
85	54.7	43.5	65.3
99	60.4	51.8	77.8

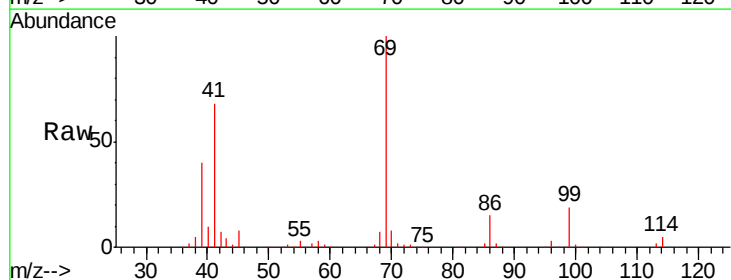


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

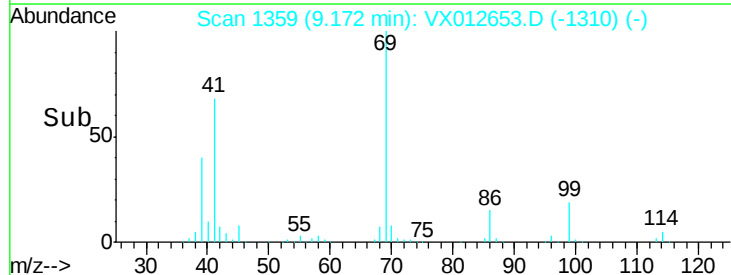
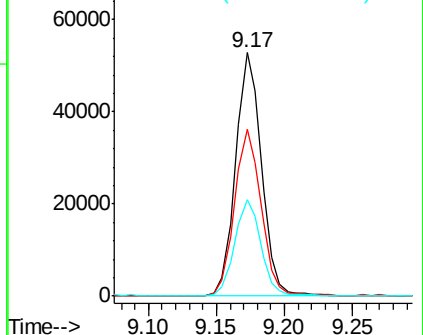


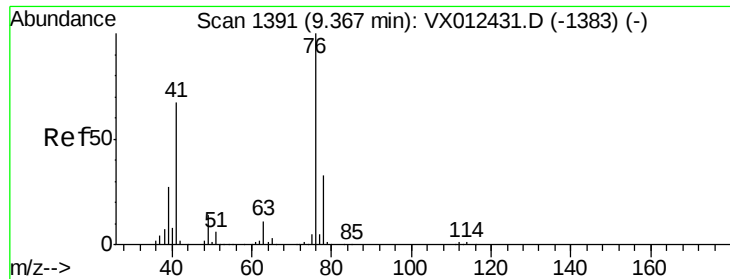
#56
 Ethyl methacrylate
 Concen: 18.694 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion:	69	Resp:	70258
Ion	Ratio	Lower	Upper
69	100		
41	70.0	58.4	87.6
39	40.6	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

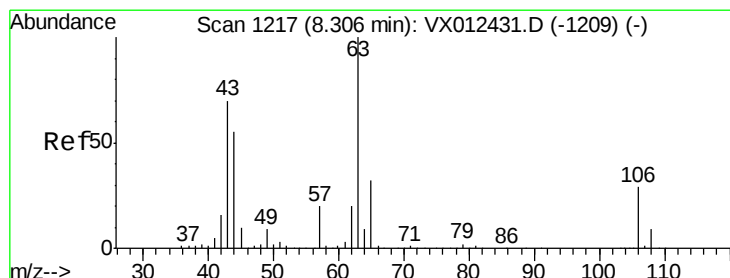
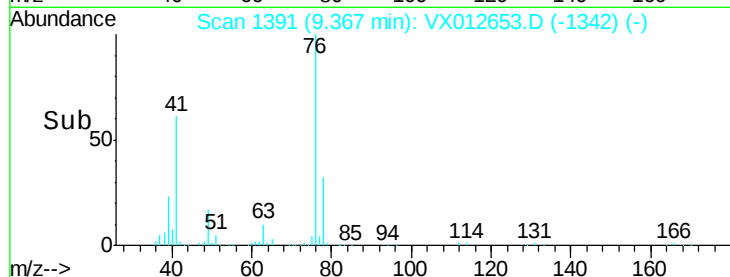
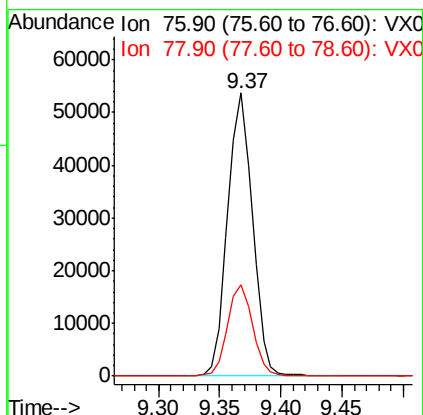
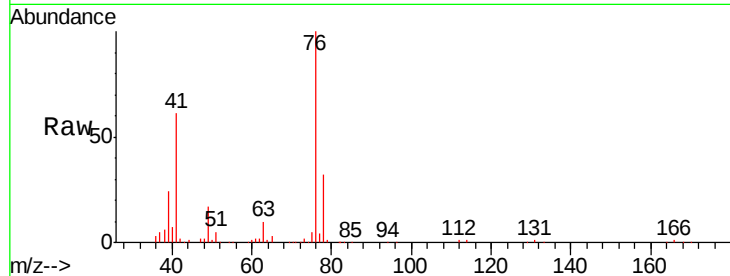




#57
 1,3-Dichloropropane
 Concen: 19.429 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

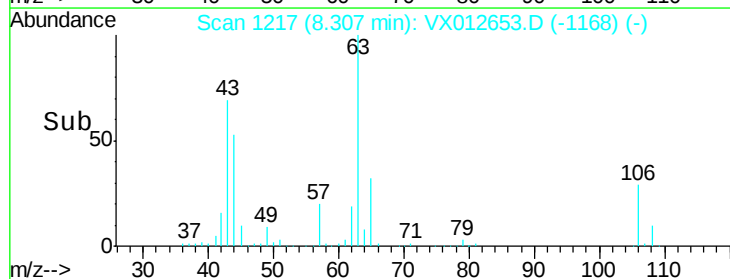
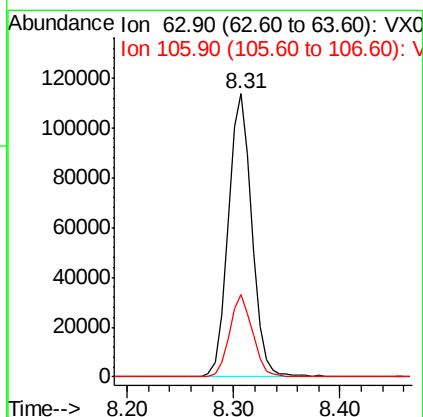
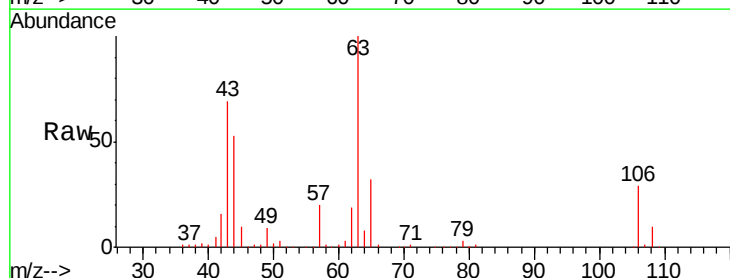
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

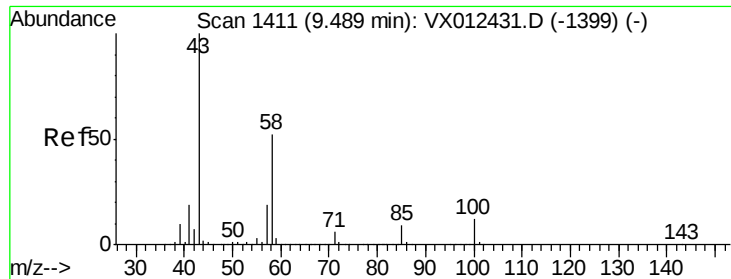
Tgt Ion: 76 Resp: 76072
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.807 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion: 63 Resp: 176814
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.8 35.6

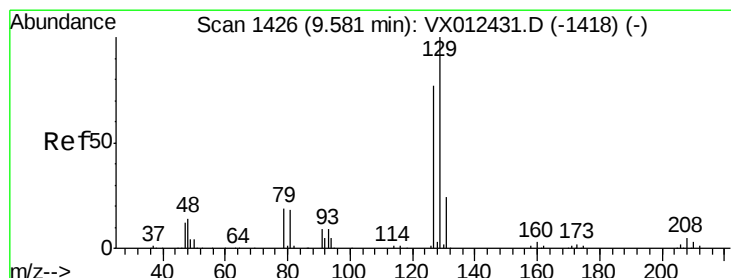
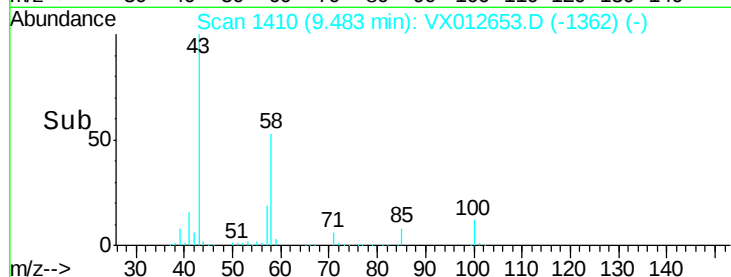
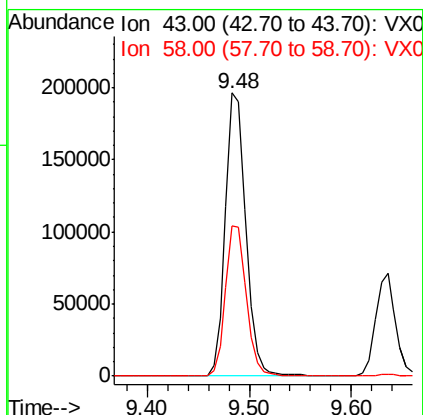
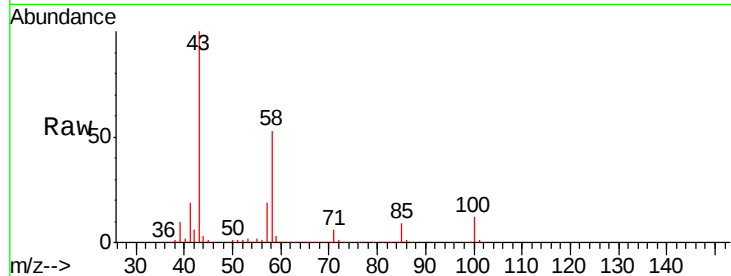




#59
2-Hexanone
Concen: 97.672 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

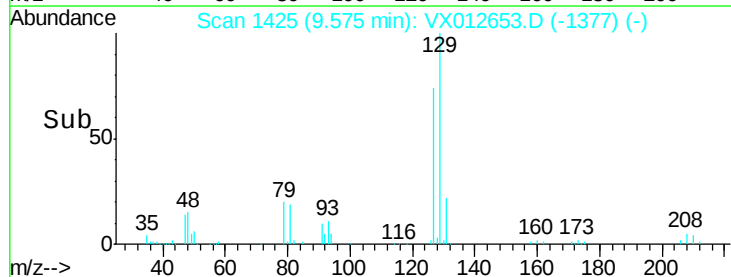
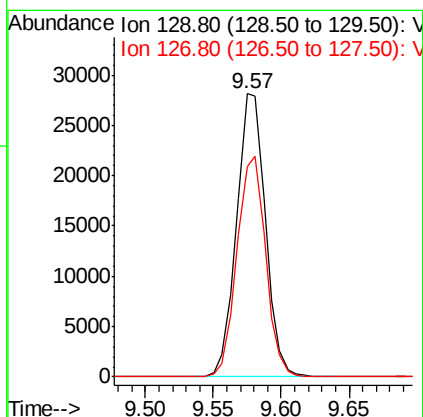
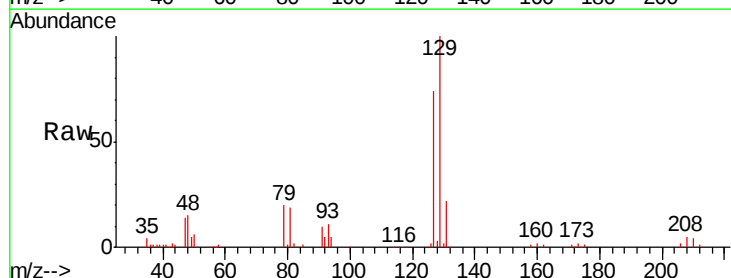
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

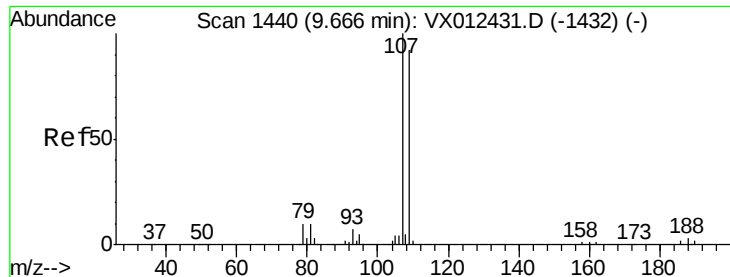
Tgt Ion: 43 Resp: 274546
Ion Ratio Lower Upper
43 100
58 53.9 25.7 77.1



#60
Dibromochloromethane
Concen: 18.401 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion: 129 Resp: 41671
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.879 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

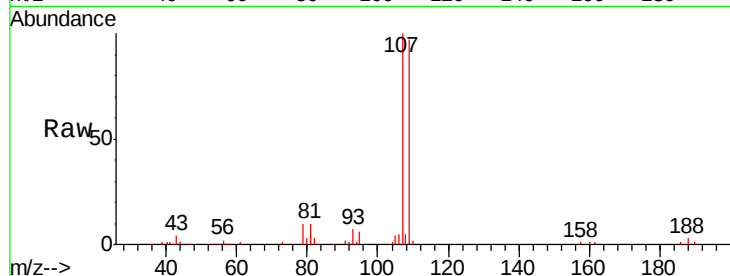
VX0925MBS01

Tgt Ion: 107 Resp: 43954

Ion Ratio Lower Upper

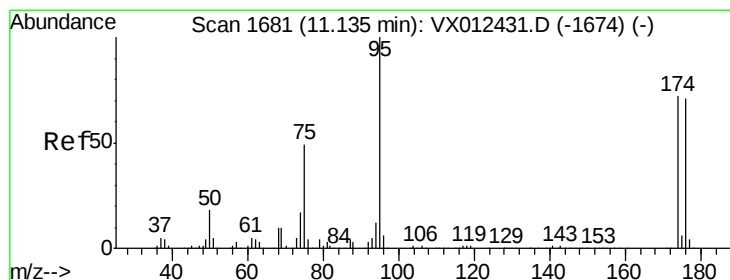
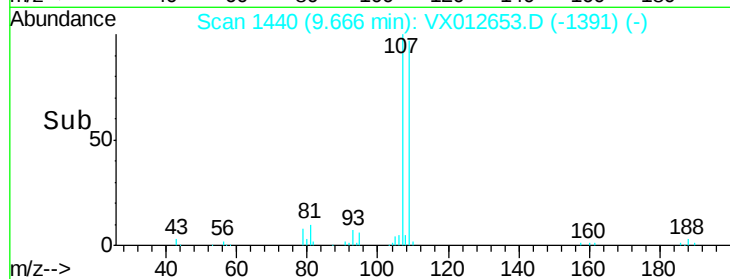
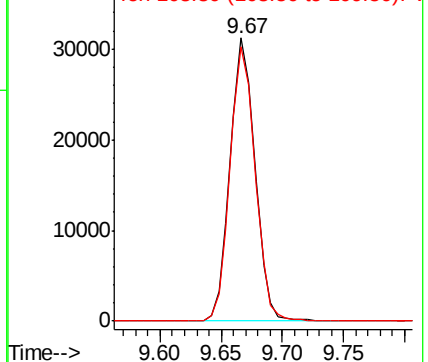
107 100

109 97.7 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: 48.532 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

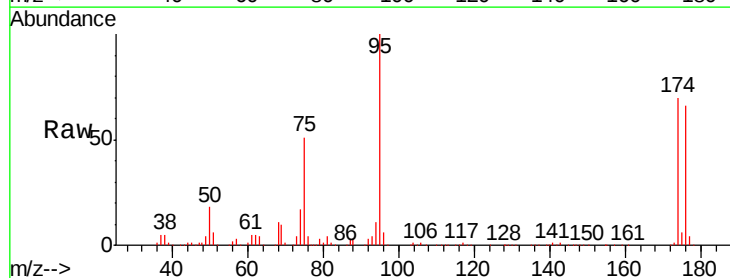
Tgt Ion: 95 Resp: 138162

Ion Ratio Lower Upper

95 100

174 65.4 0.0 140.0

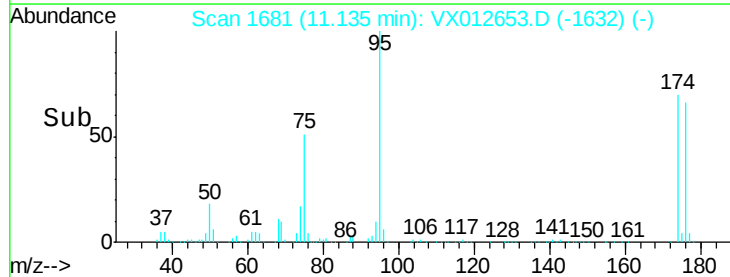
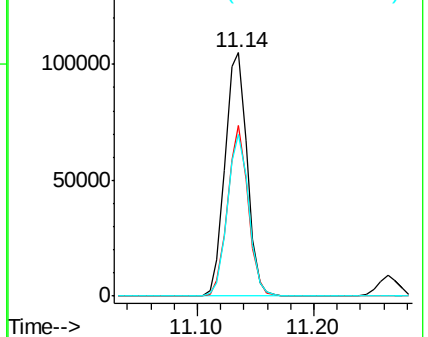
176 64.4 0.0 135.4

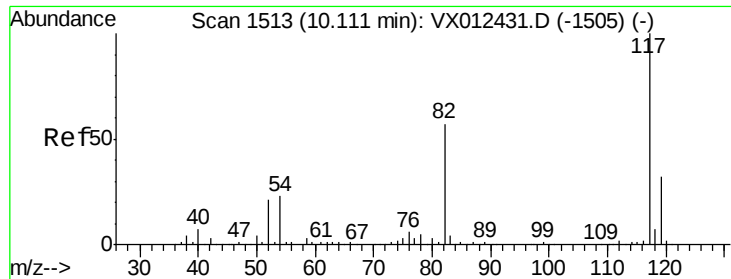


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

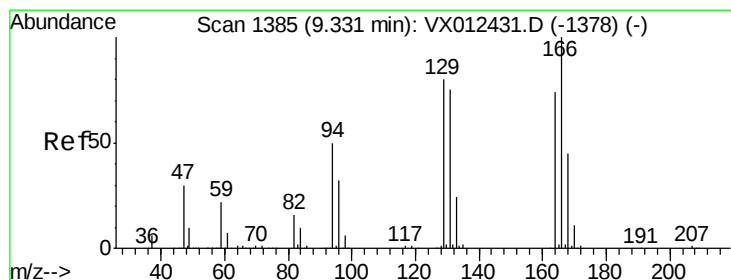
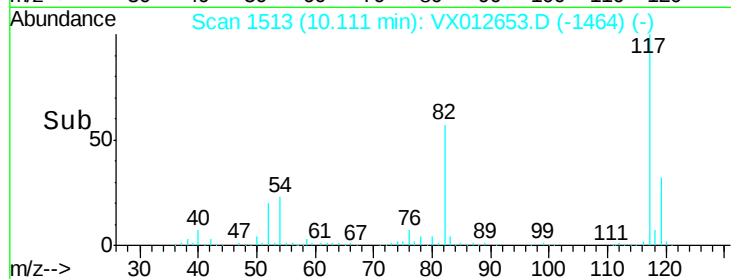
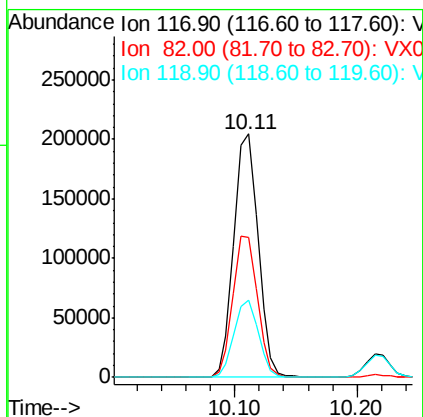
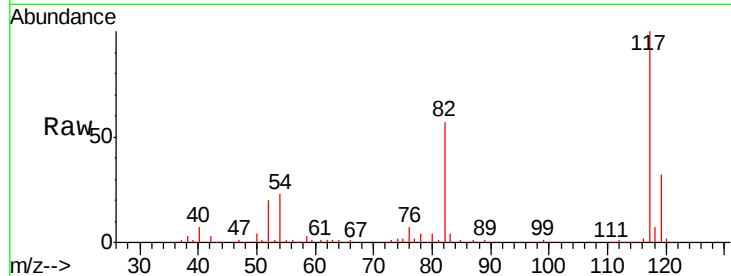




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

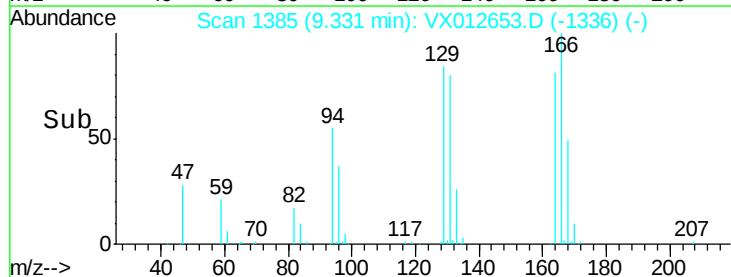
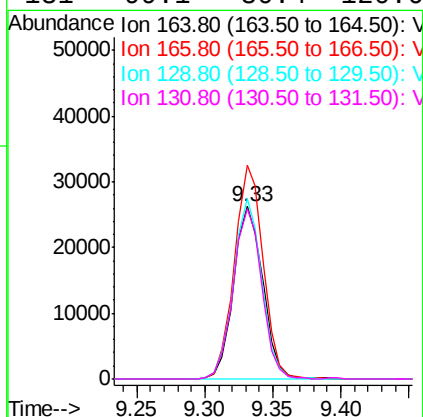
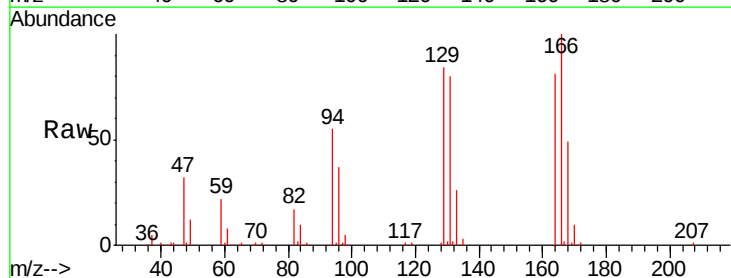
Instrument :
MSVOA_X
ClientSampled :
VX0925MBS01

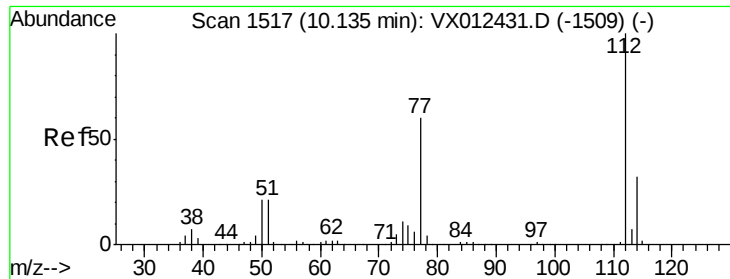
Tgt Ion:117 Resp: 282291
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 19.898 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion:164 Resp: 39162
Ion Ratio Lower Upper
164 100
166 123.9 107.8 161.6
129 104.6 86.2 129.2
131 99.1 80.4 120.6





#65

Chlorobenzene

Concen: 18.299 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

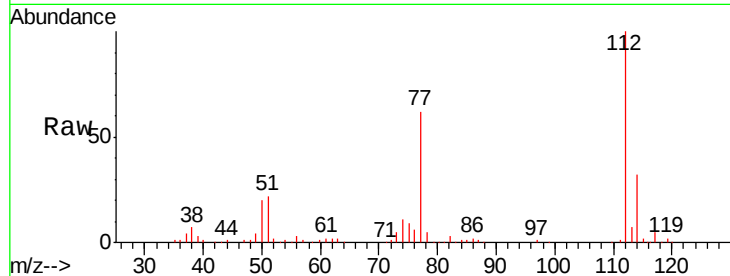
VX0925MBS01

Tgt Ion:112 Resp: 108776

Ion Ratio Lower Upper

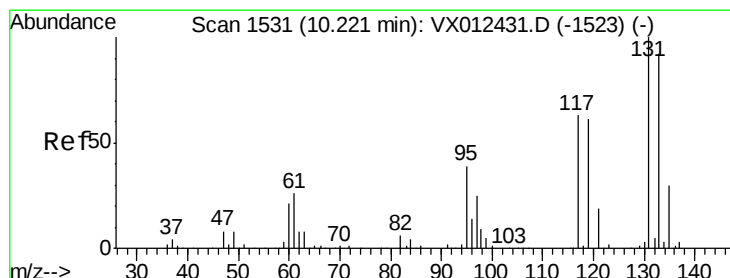
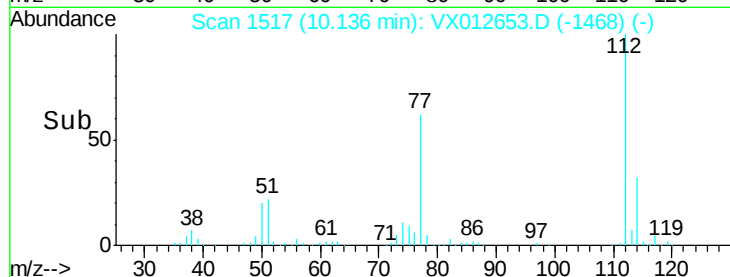
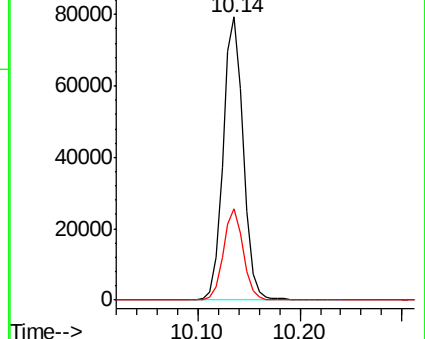
112 100

114 32.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.674 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

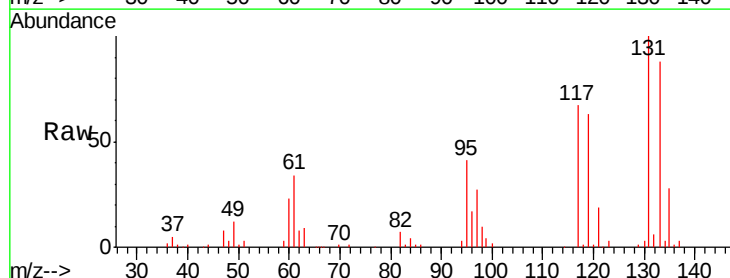
Tgt Ion:131 Resp: 40221

Ion Ratio Lower Upper

131 100

133 92.9 47.6 142.9

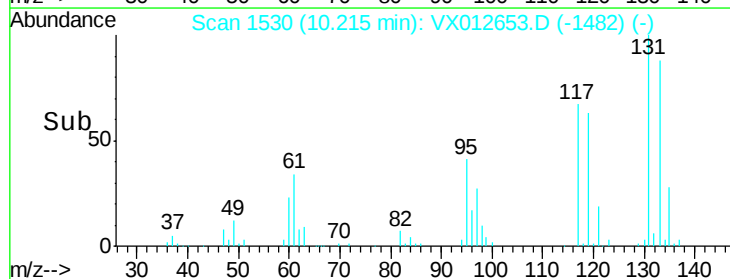
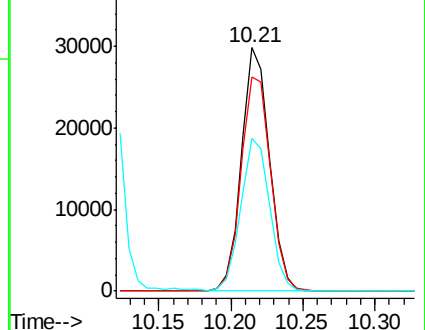
119 65.2 31.3 93.8

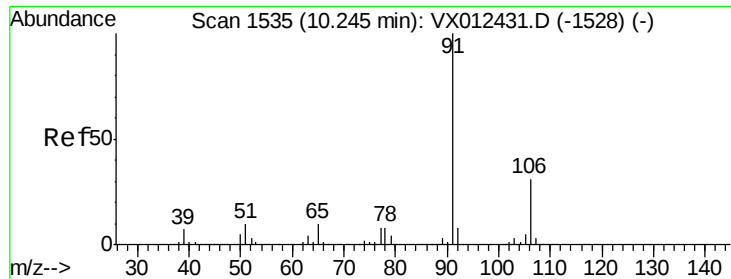


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.684 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

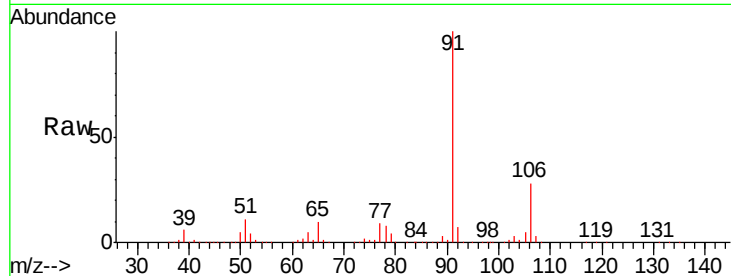
VX0925MBS01

Tgt Ion: 91 Resp: 201444

Ion Ratio Lower Upper

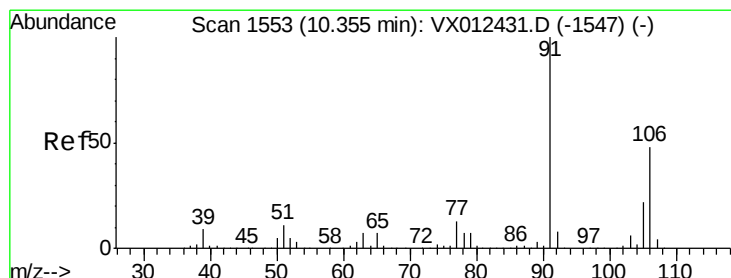
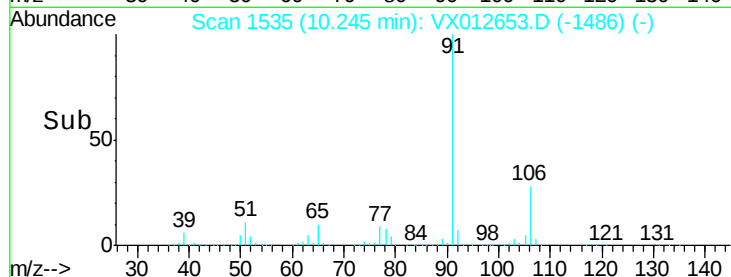
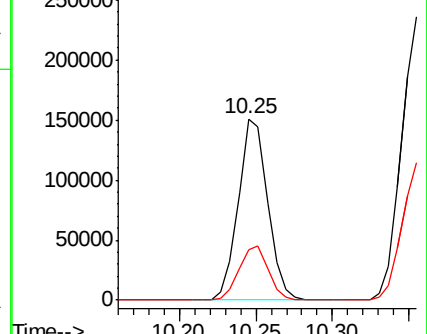
91 100

106 28.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.320 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012653.D

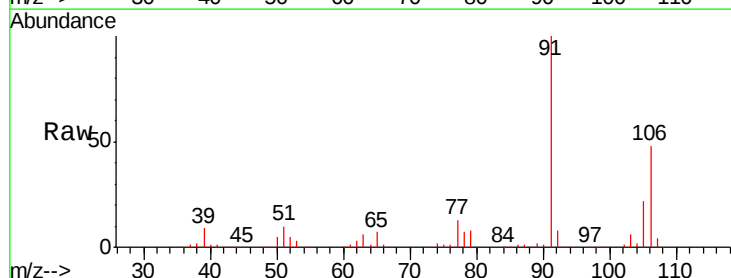
Acq: 25 Sep 2019 11:58

Tgt Ion: 106 Resp: 150729

Ion Ratio Lower Upper

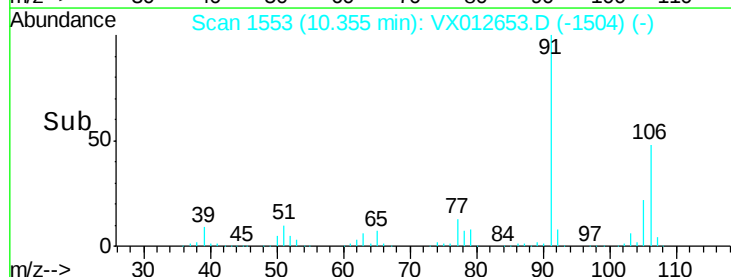
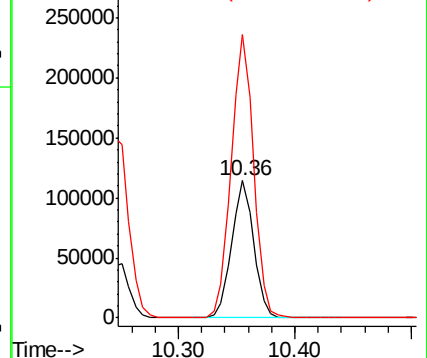
106 100

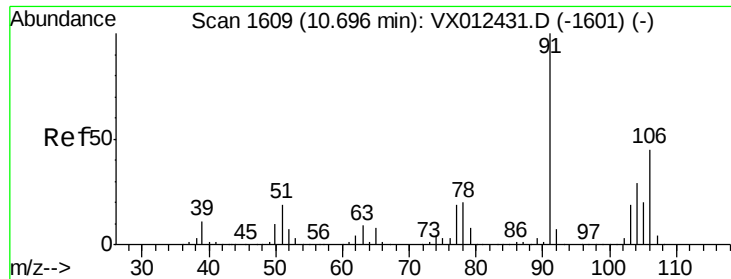
91 209.5 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

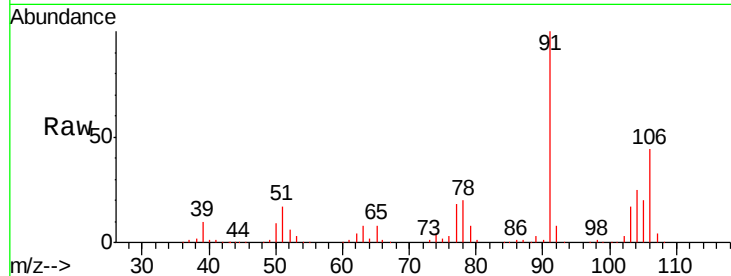




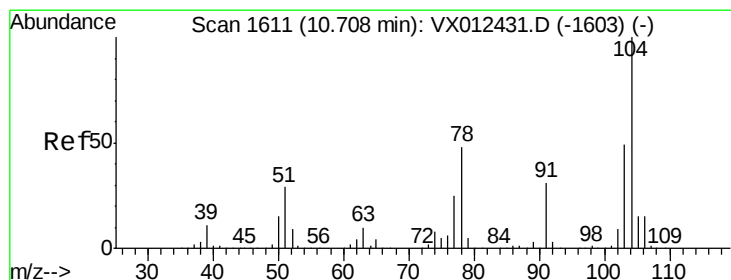
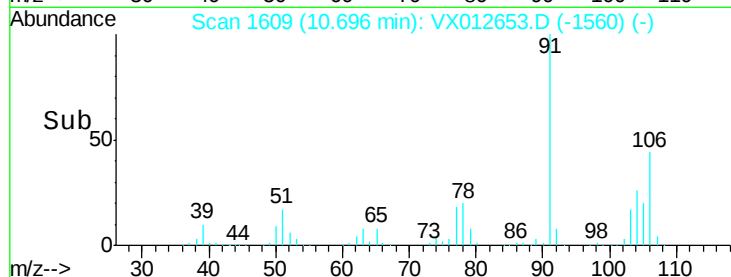
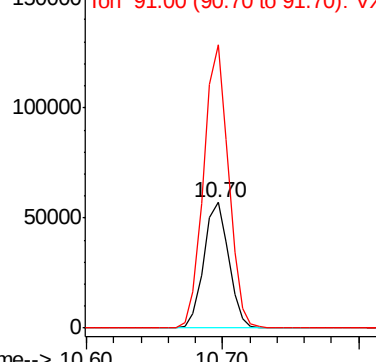
#69
o-Xylene
Concen: 18.709 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tgt Ion:106 Resp: 73118
Ion Ratio Lower Upper
106 100
91 224.2 109.4 328.2

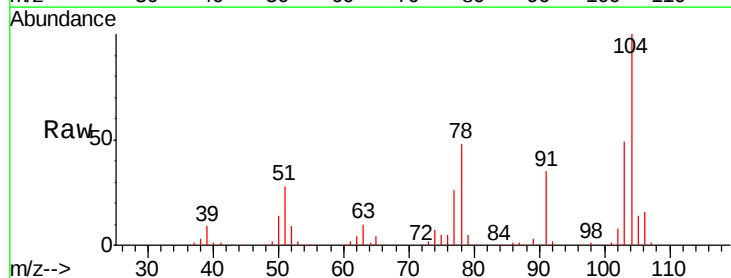


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

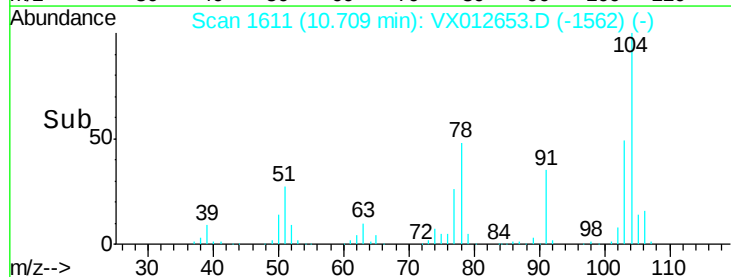
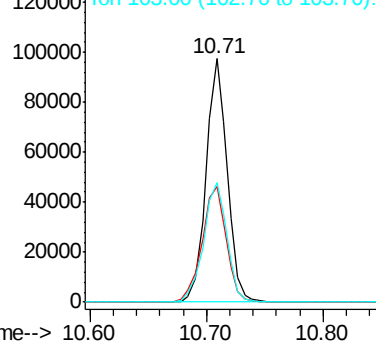


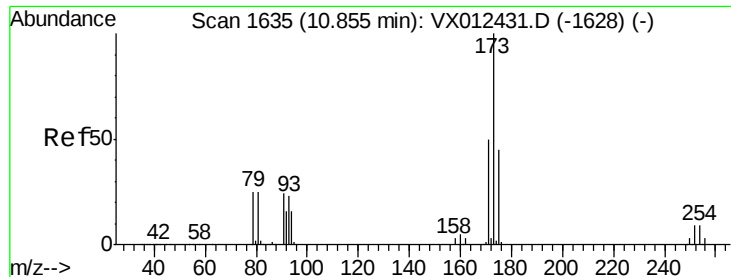
#70
Styrene
Concen: 18.856 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion:104 Resp: 123535
Ion Ratio Lower Upper
104 100
78 54.6 43.4 65.2
103 54.5 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: 17.614 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

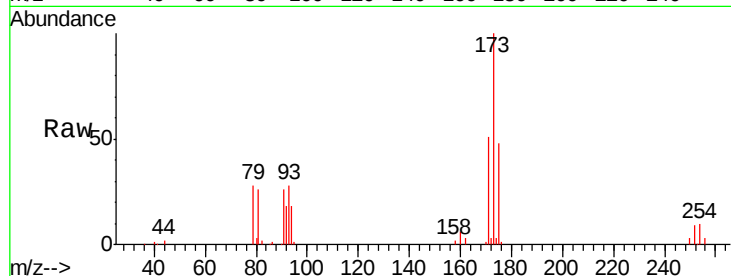
Tgt Ion:173 Resp: 26416

Ion Ratio Lower Upper

173 100

175 46.2 23.7 71.1

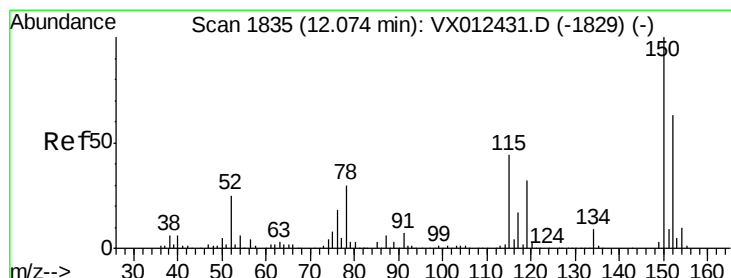
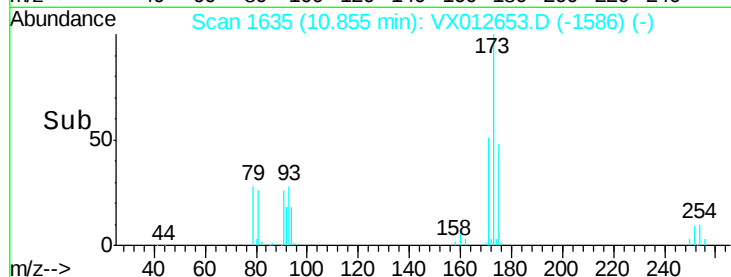
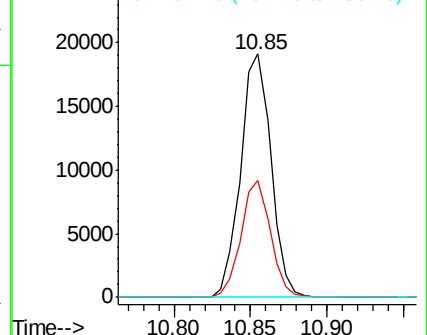
254 0.0 0.1 0.1#



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: VX012653.D

Acq: 25 Sep 2019 11:58

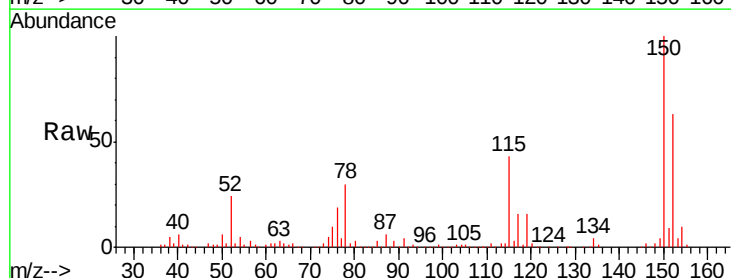
Tgt Ion:152 Resp: 122188

Ion Ratio Lower Upper

152 100

115 76.7 44.1 132.3

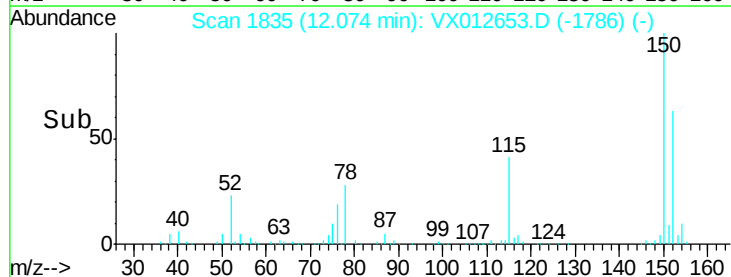
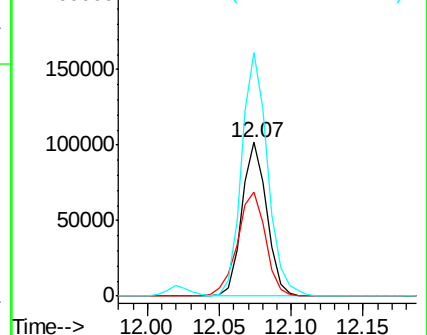
150 165.8 0.0 343.8



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: 19.630 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

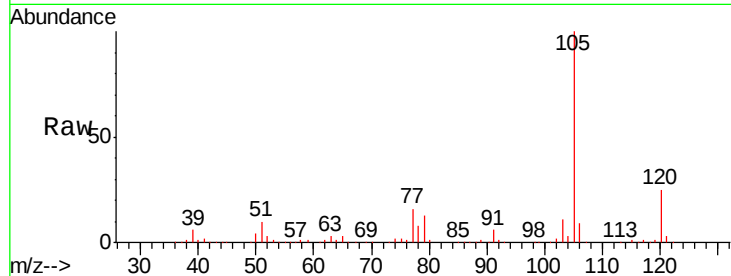
VX0925MBS01

Tgt Ion: 105 Resp: 195354

Ion Ratio Lower Upper

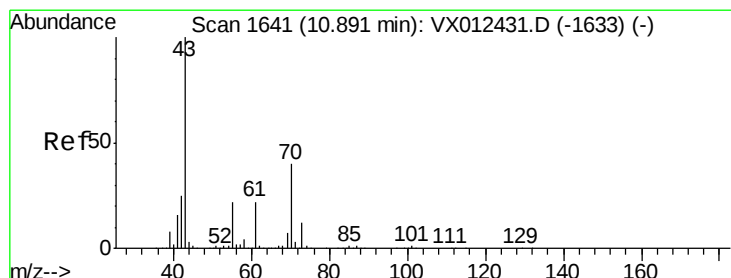
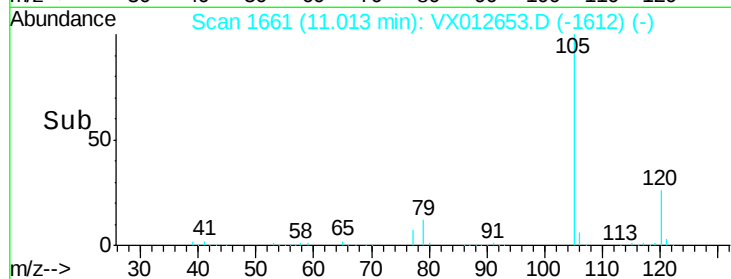
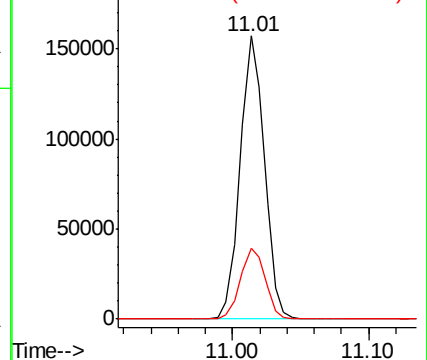
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.421 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion: 43 Resp: 92204

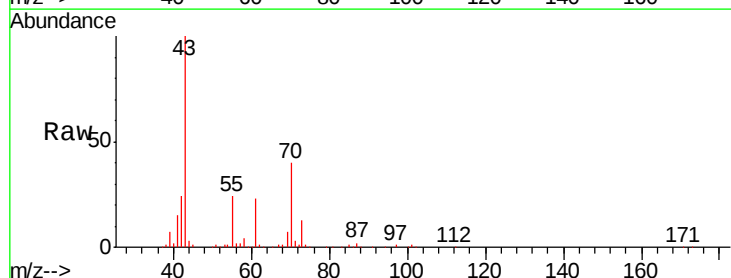
Ion Ratio Lower Upper

43 100

70 42.4 32.4 48.6

55 24.2 18.2 27.4

61 24.3 18.5 27.7

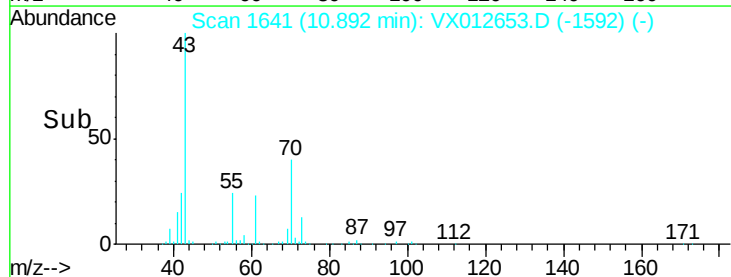
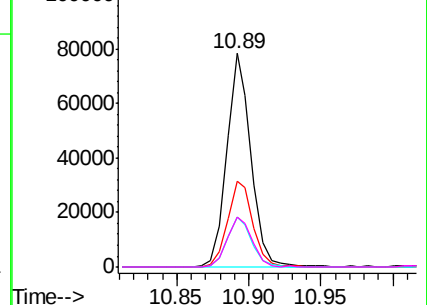


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.844 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

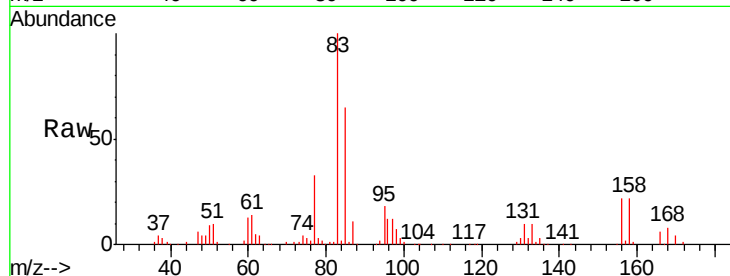
Tgt Ion: 83 Resp: 65405

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

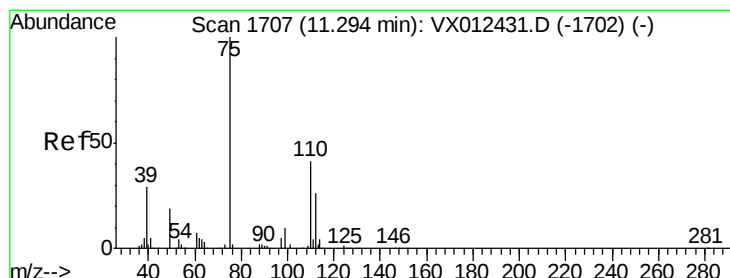
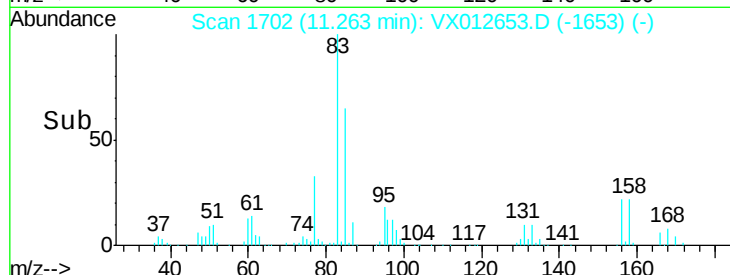
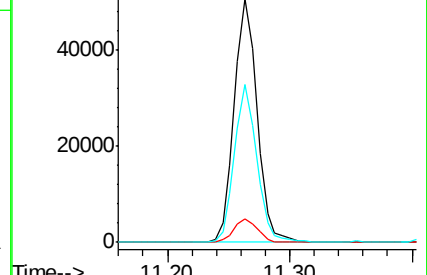
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.436 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012653.D

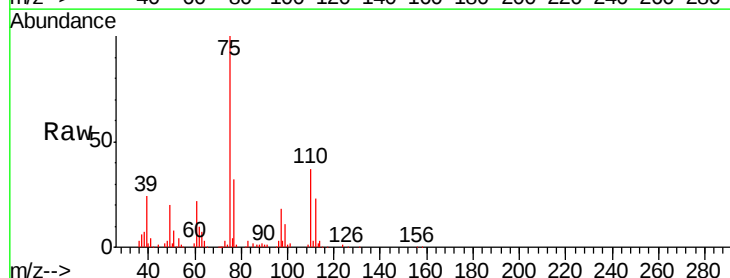
Acq: 25 Sep 2019 11:58

Tgt Ion: 75 Resp: 78981

Ion Ratio Lower Upper

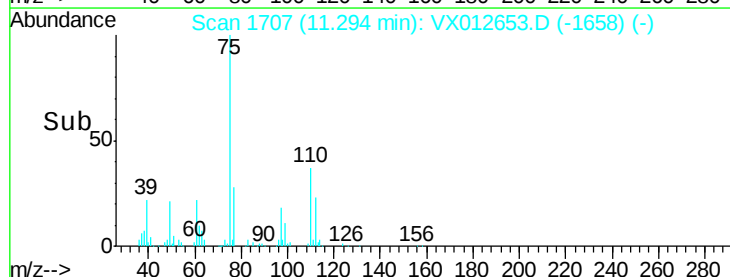
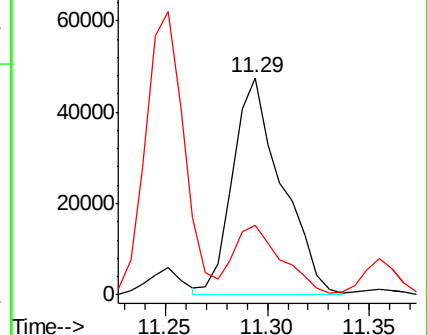
75 100

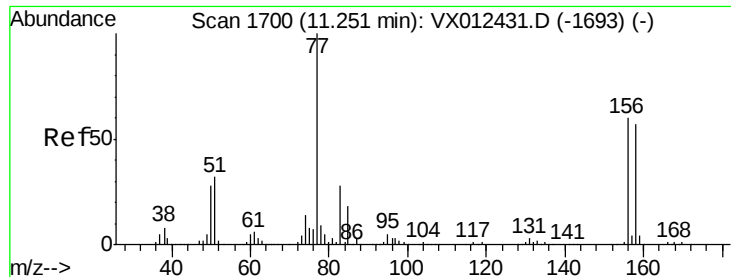
77 31.7 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.156 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

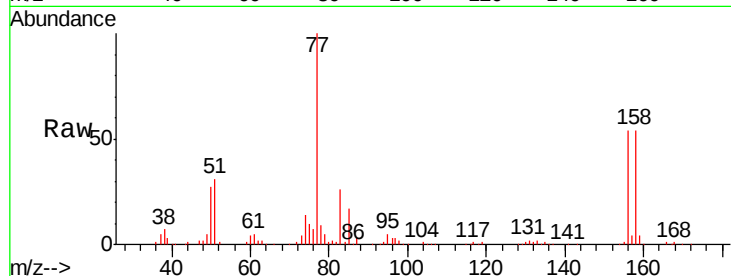
Tgt Ion:156 Resp: 43147

Ion Ratio Lower Upper

156 100

77 188.6 87.3 261.8

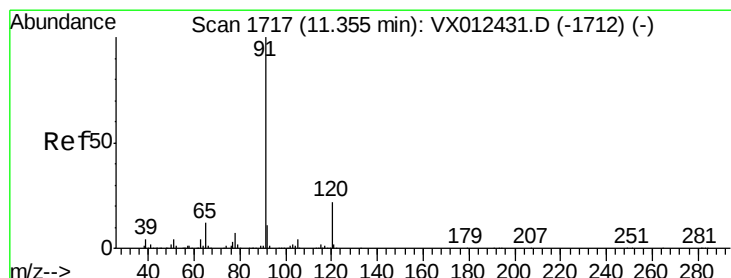
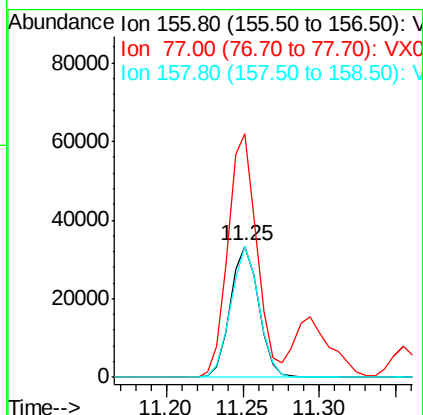
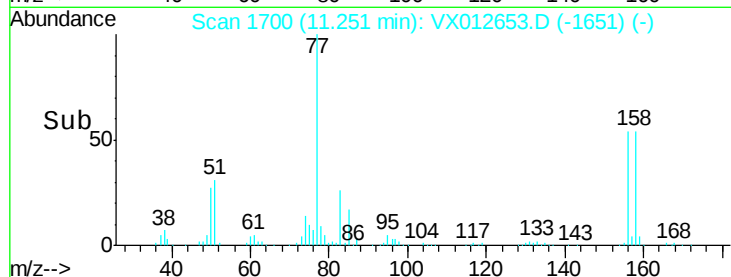
158 98.6 48.5 145.6



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: 19.477 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012653.D

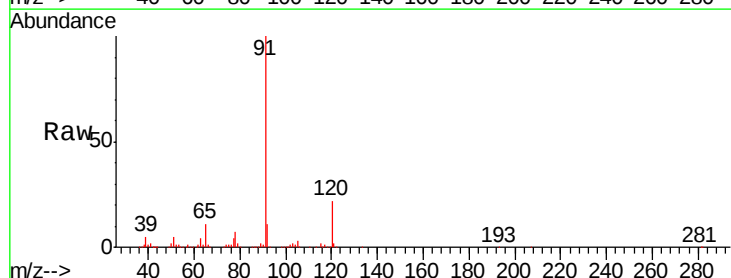
Acq: 25 Sep 2019 11:58

Tgt Ion: 91 Resp: 218216

Ion Ratio Lower Upper

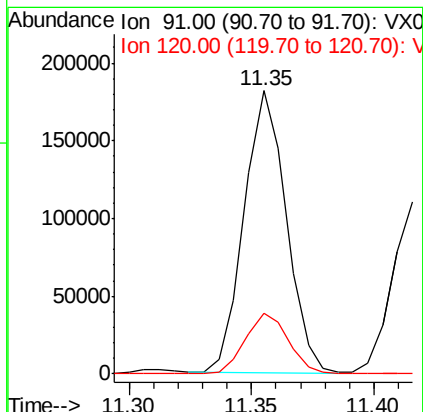
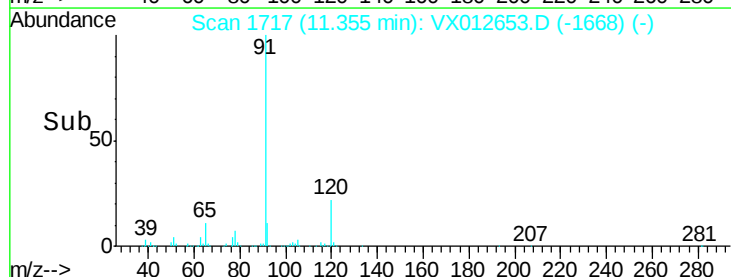
91 100

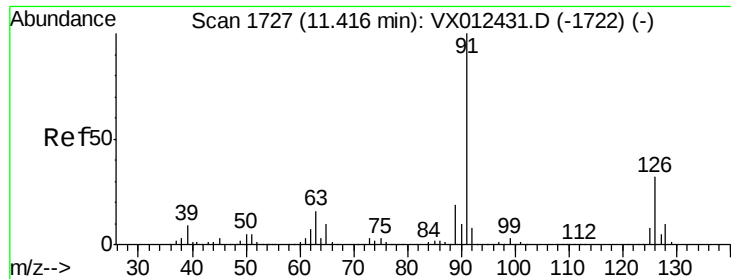
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

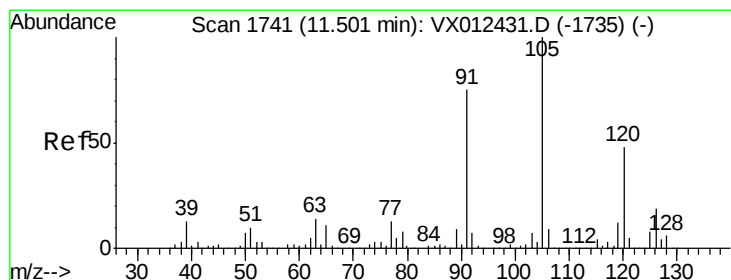
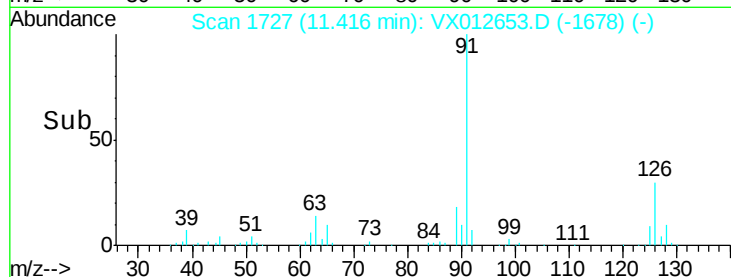
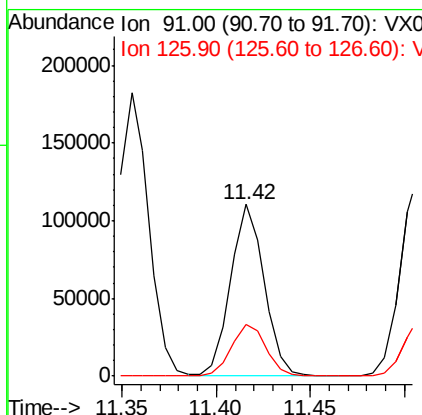
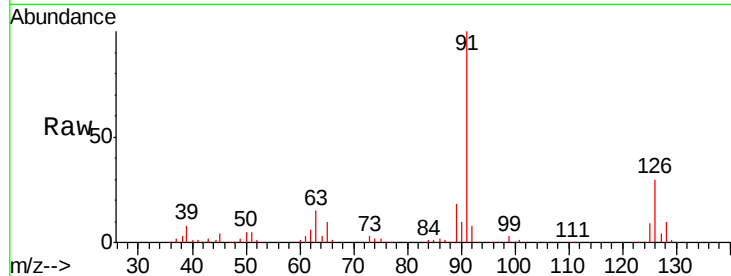




#79
 2-Chlorotoluene
 Concen: 19.355 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

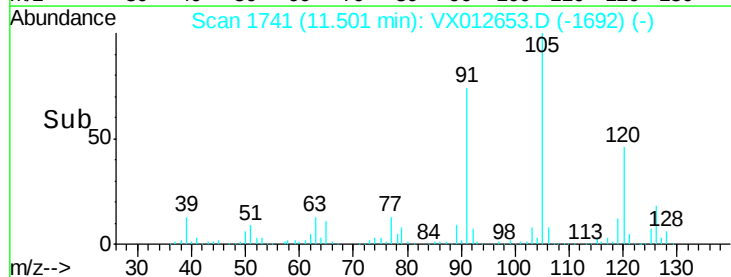
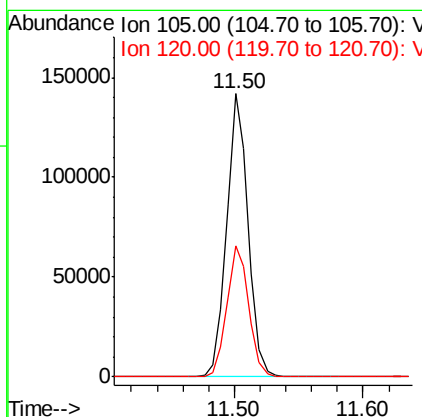
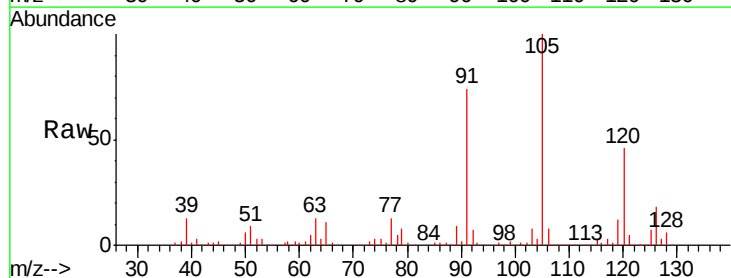
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

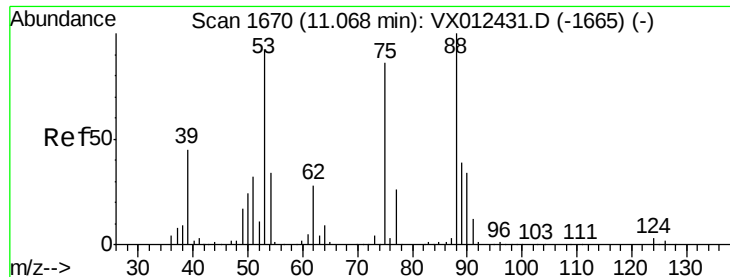
Tgt Ion: 91 Resp: 135279
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.841 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion: 105 Resp: 165579
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.414 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

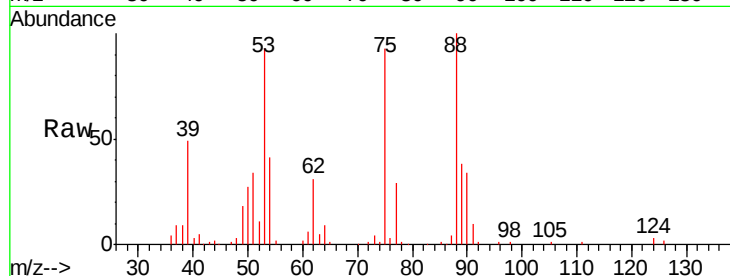
Tgt Ion: 75 Resp: 20768

Ion Ratio Lower Upper

75 100

53 106.1 83.6 125.4

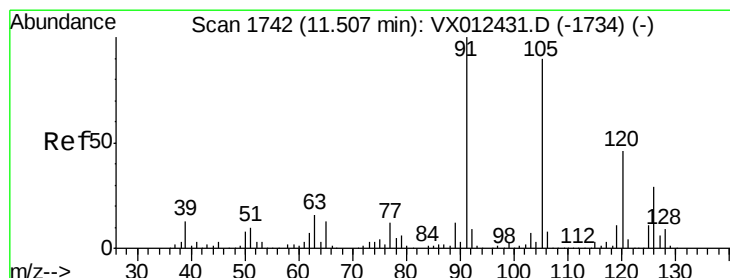
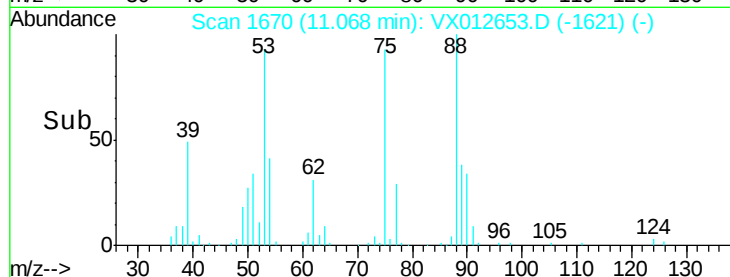
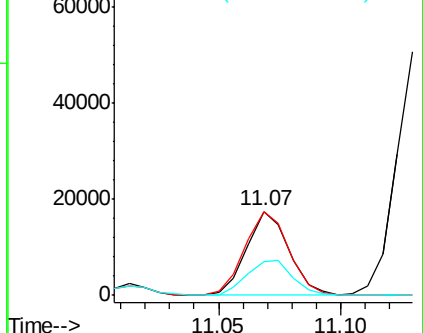
89 45.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.841 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012653.D

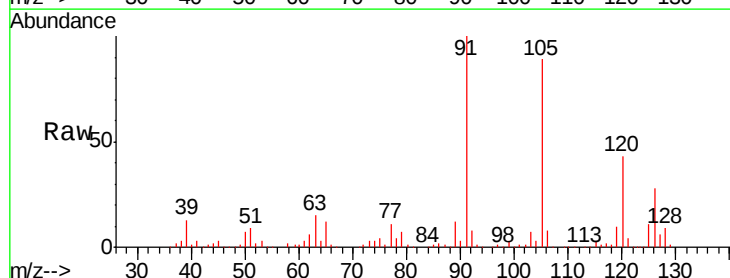
Acq: 25 Sep 2019 11:58

Tgt Ion: 91 Resp: 158080

Ion Ratio Lower Upper

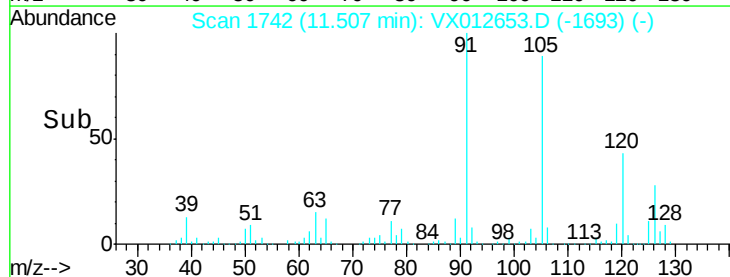
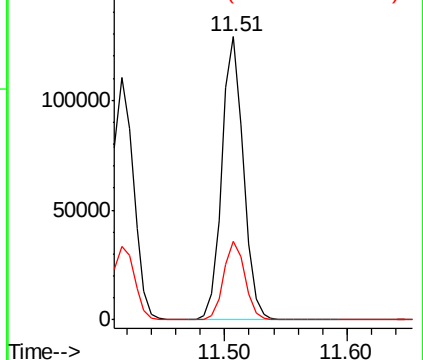
91 100

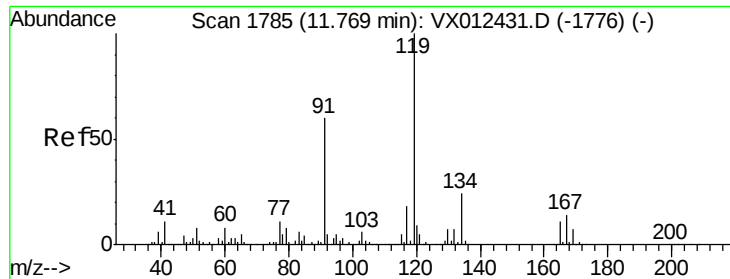
126 27.3 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

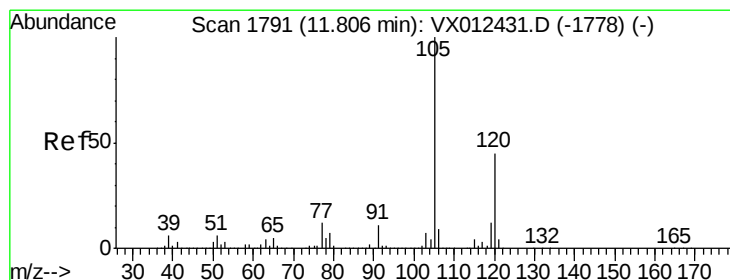
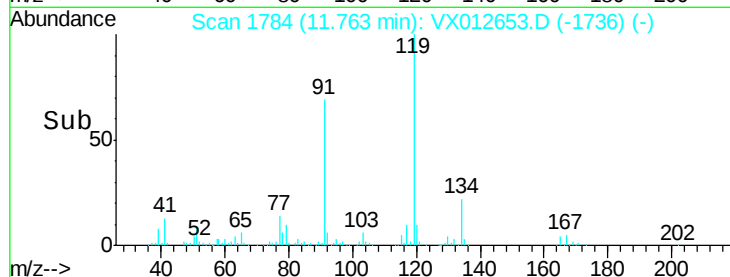
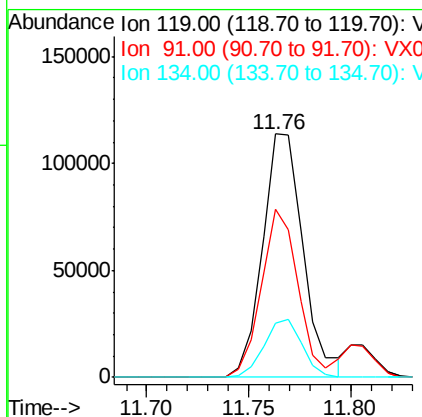
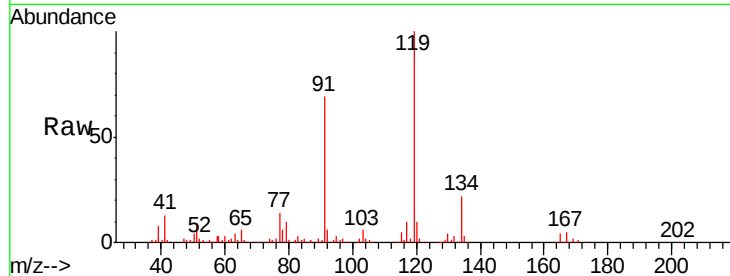




#83
 tert-Butylbenzene
 Concen: 19.645 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

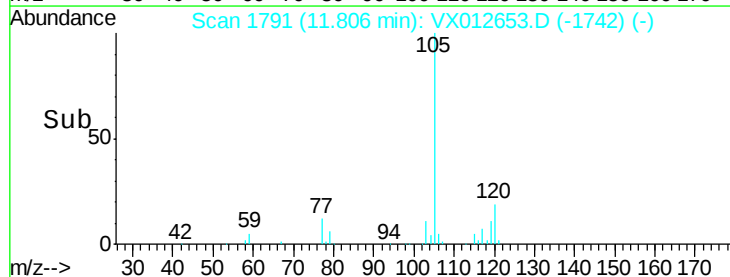
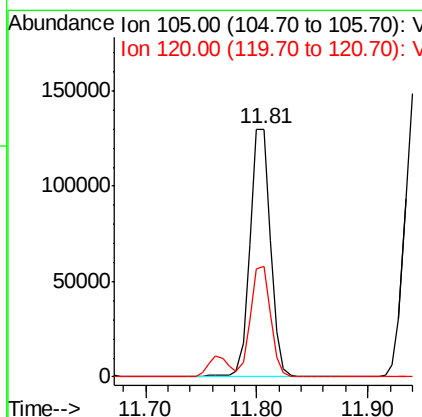
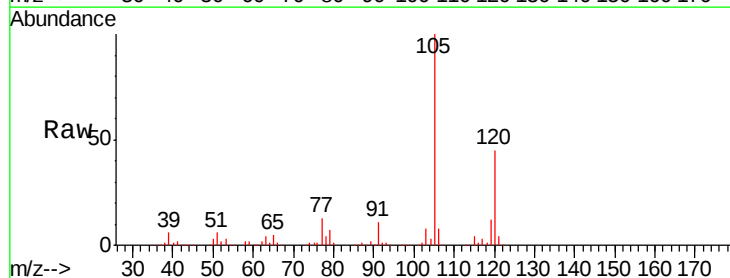
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

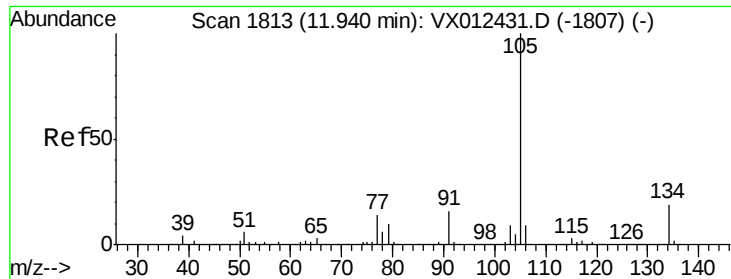
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.0	90.0
134	22.3	11.3	33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.771 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.2	66.6

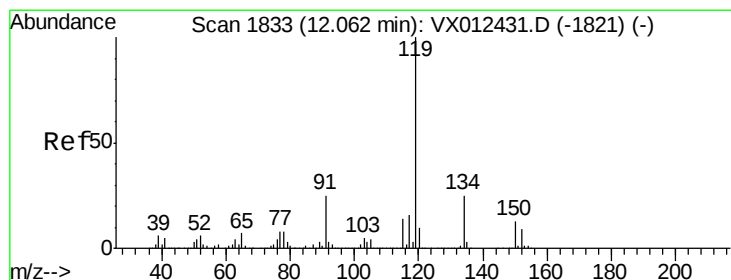
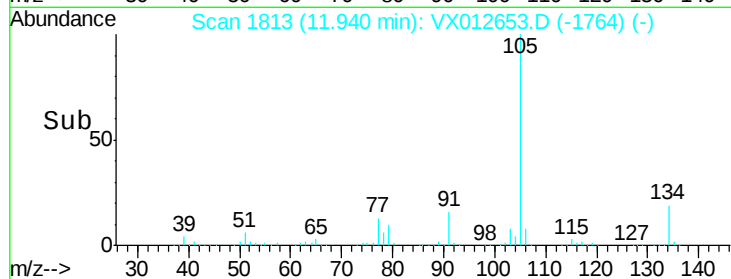
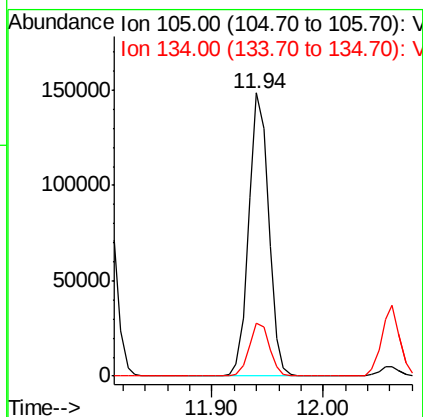
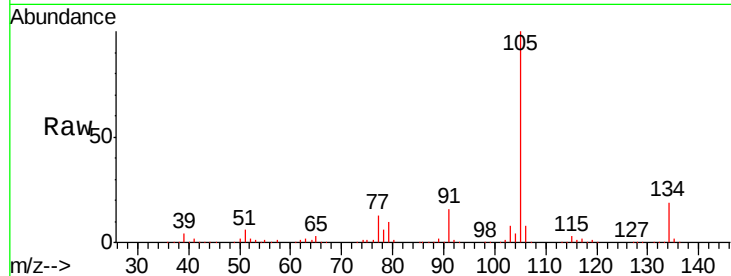




#85
 sec-Butylbenzene
 Concen: 19.646 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

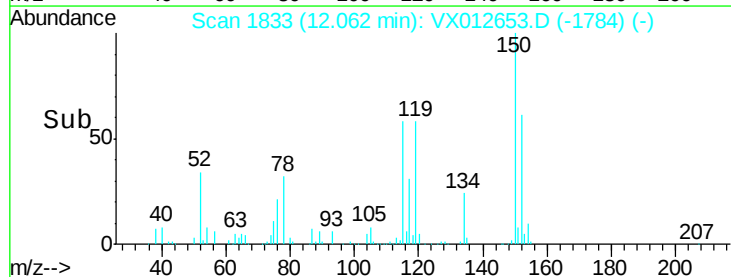
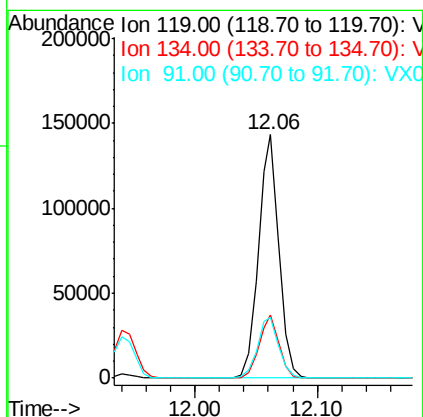
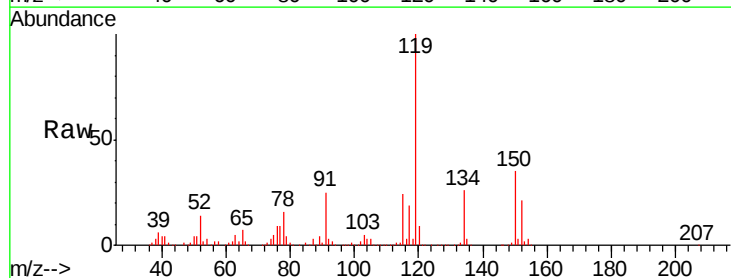
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

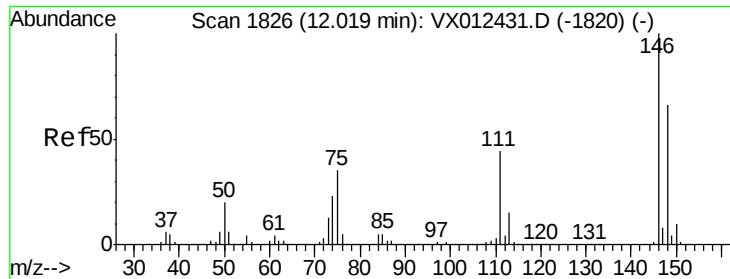
Tgt Ion:105 Resp: 183956
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.766 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion:119 Resp: 167001
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 26.1 12.8 38.4

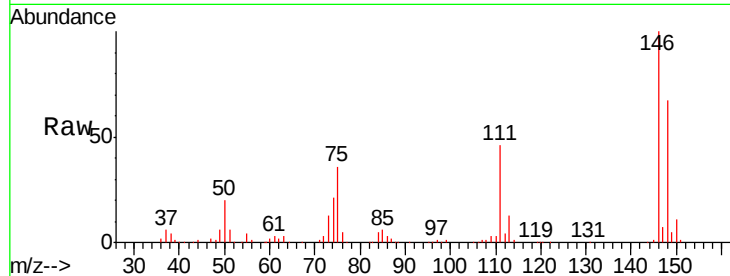




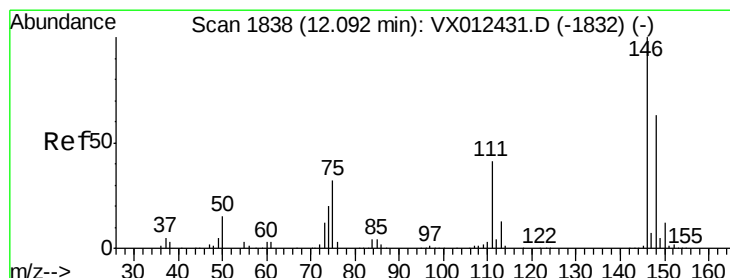
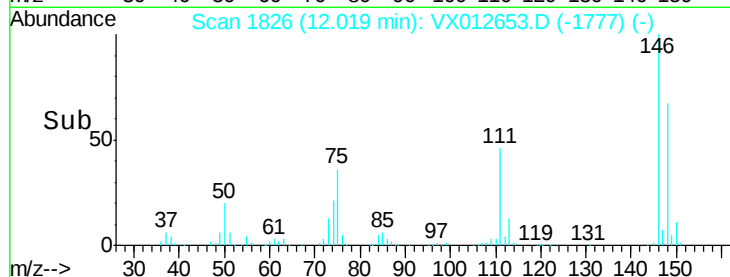
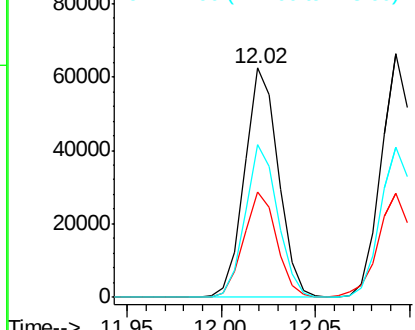
#87
 1,3-Dichlorobenzene
 Concen: 19.104 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tgt Ion:146 Resp: 77436
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.3 64.0
 148 64.5 32.4 97.2

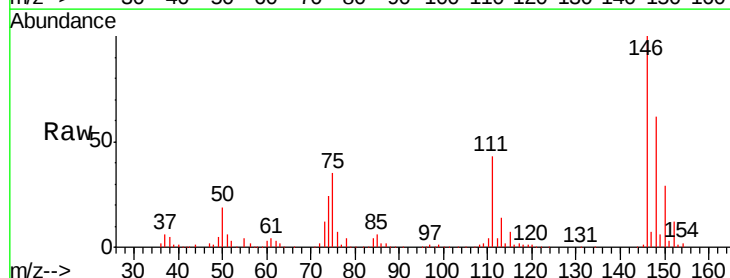


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

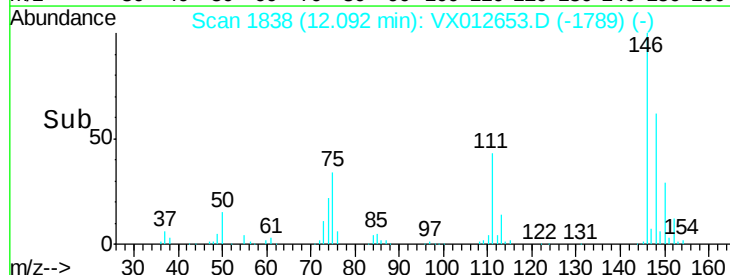
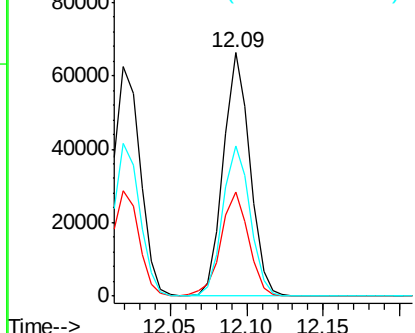


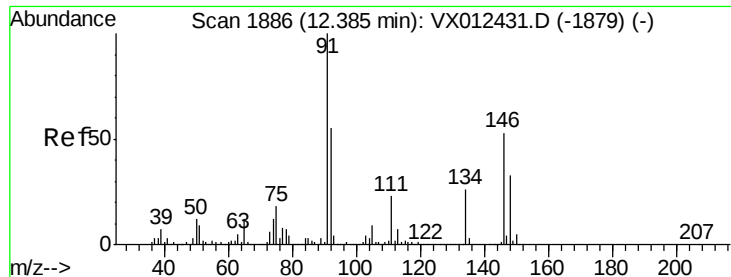
#88
 1,4-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion:146 Resp: 79709
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.1 63.3
 148 63.9 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: 18.934 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

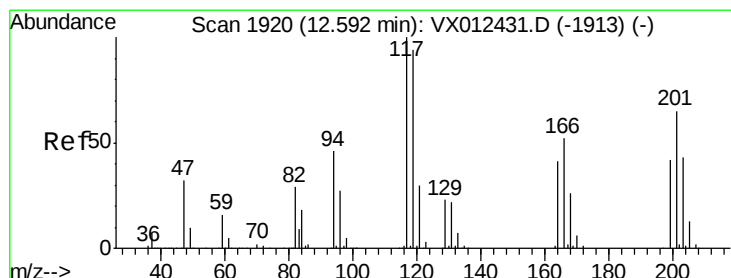
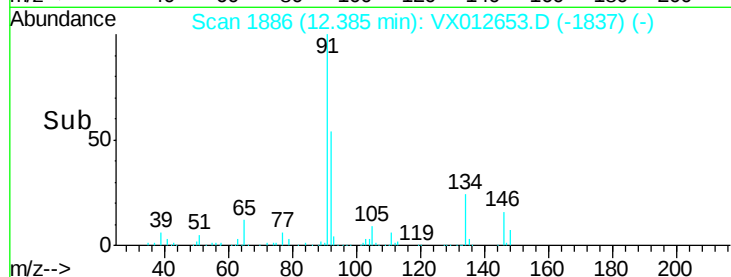
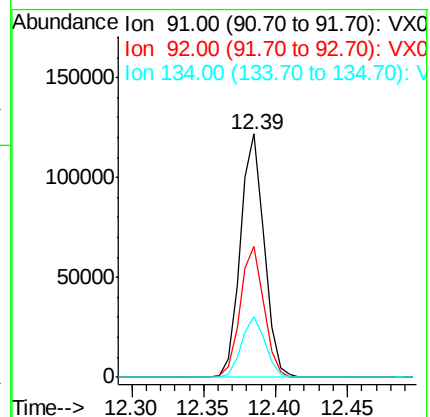
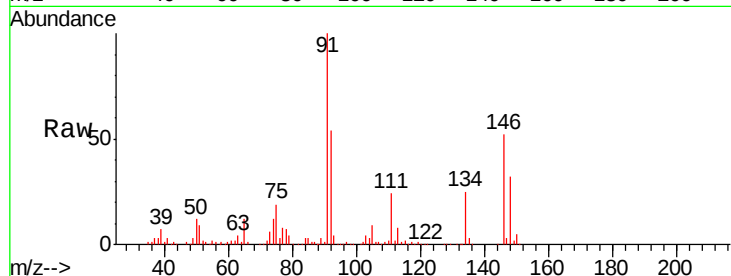
Tgt Ion: 91 Resp: 140964

Ion Ratio Lower Upper

91 100

92 53.7 27.7 83.0

134 24.6 12.9 38.6



#90

Hexachloroethane

Concen: 18.283 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012653.D

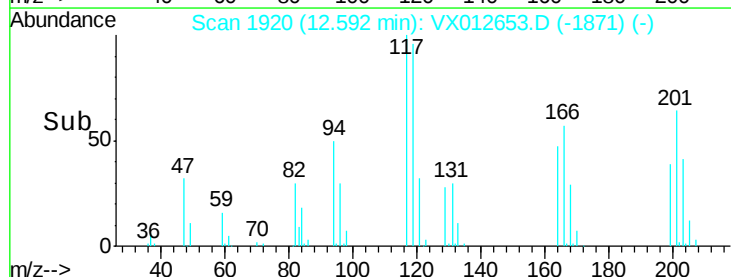
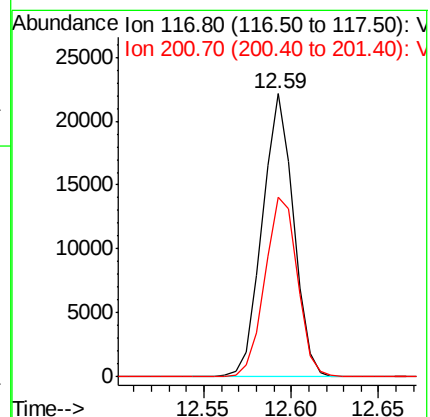
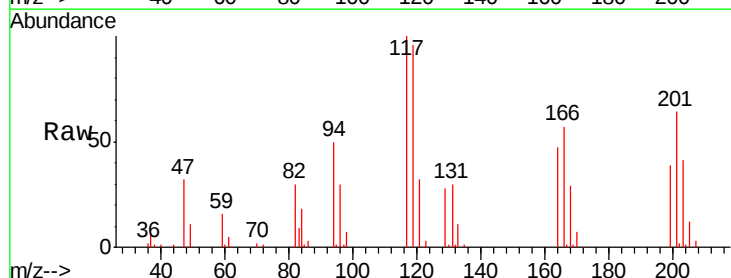
Acq: 25 Sep 2019 11:58

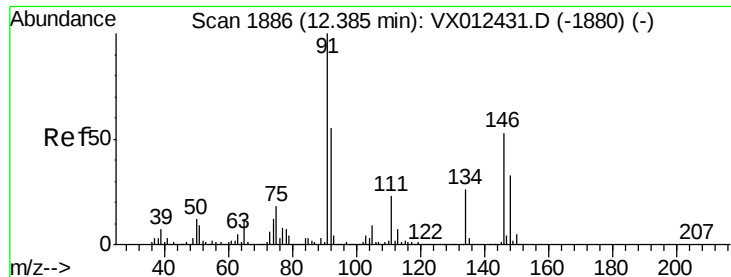
Tgt Ion: 117 Resp: 27538

Ion Ratio Lower Upper

117 100

201 66.2 33.3 99.8

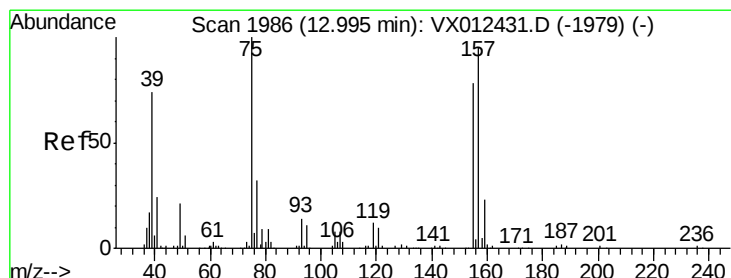
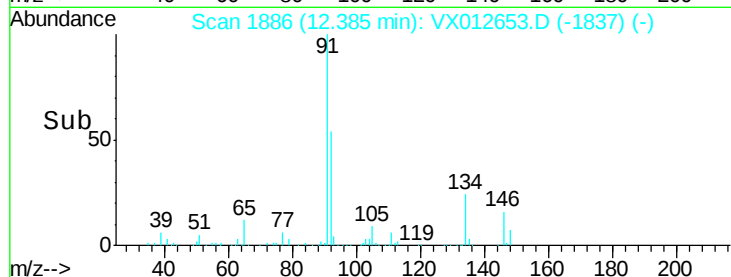
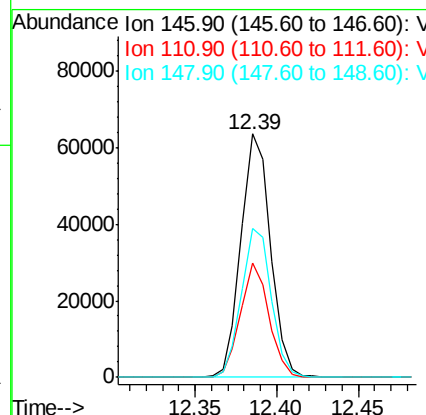
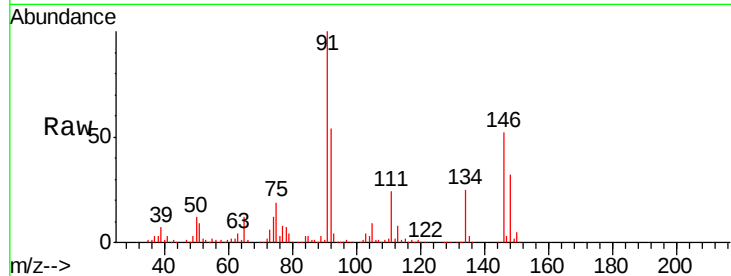




#91
 1,2-Dichlorobenzene
 Concen: 19.788 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

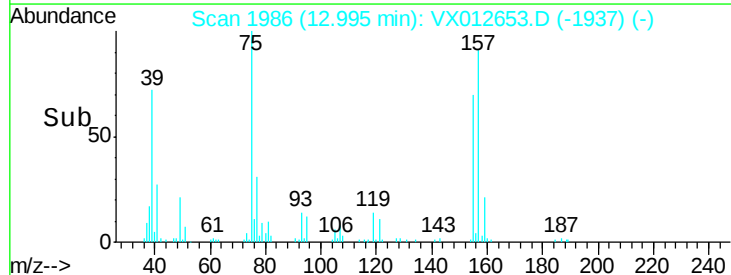
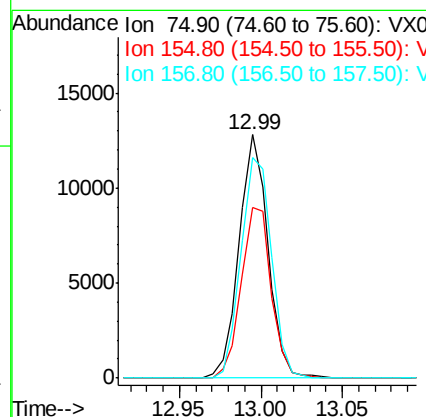
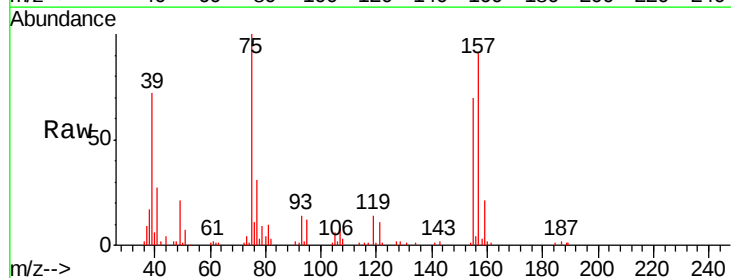
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tgt Ion:146 Resp: 80301
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.1 66.1
 148 61.9 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.101 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion: 75 Resp: 15748
 Ion Ratio Lower Upper
 75 100
 155 73.5 38.6 115.8
 157 96.2 50.6 151.9

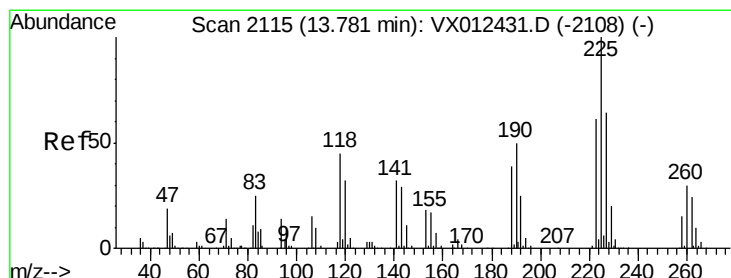
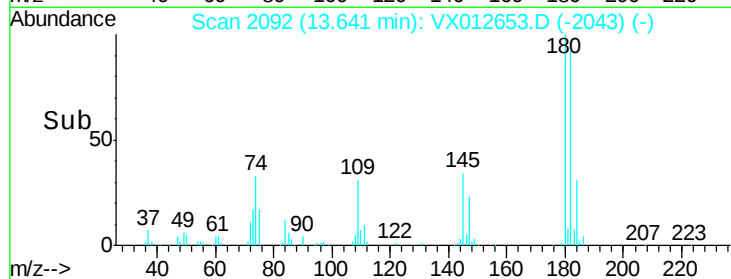
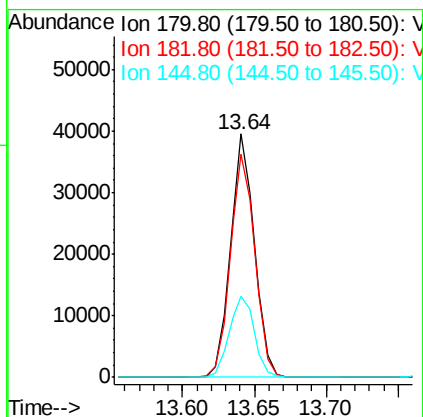
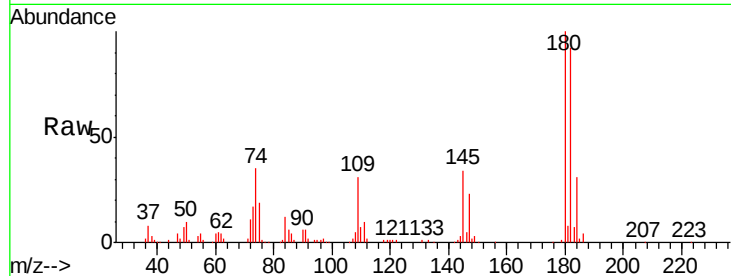




#93
 1,2,4-Trichlorobenzene
 Concen: 18.647 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

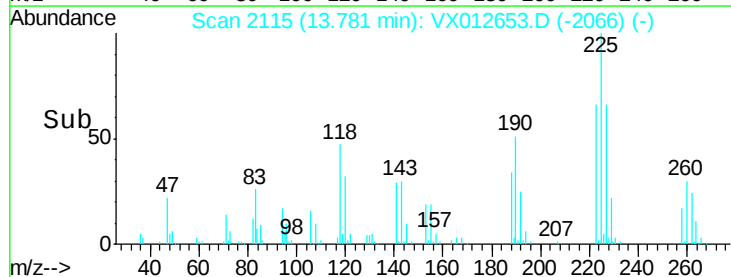
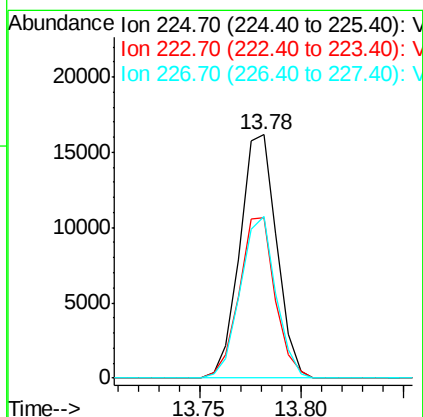
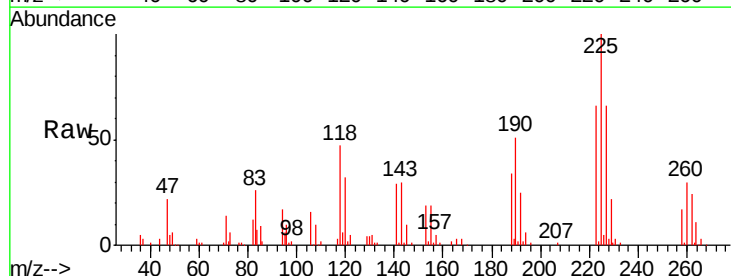
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

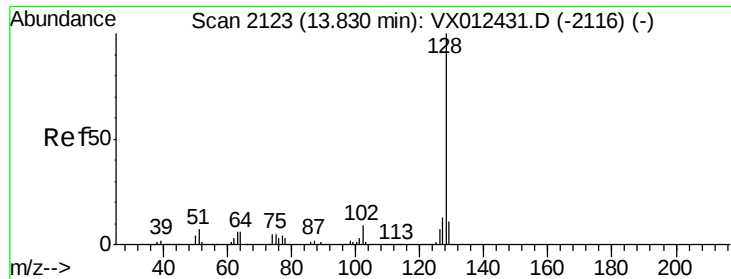
Tgt Ion:180 Resp: 46147
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.0 141.0
 145 35.2 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 19.055 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion:225 Resp: 20287
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.0 96.2
 227 63.5 31.9 95.5

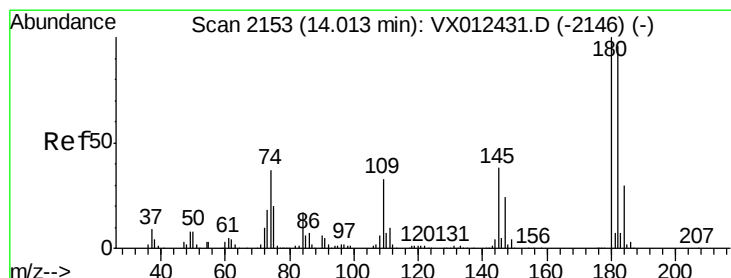
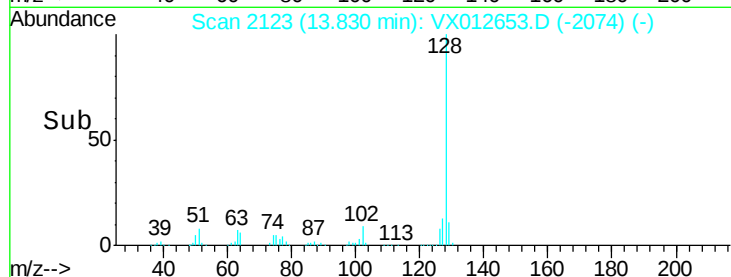
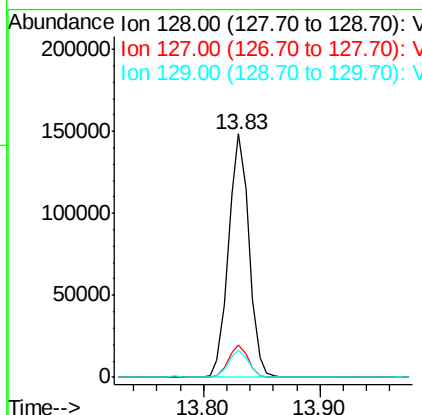
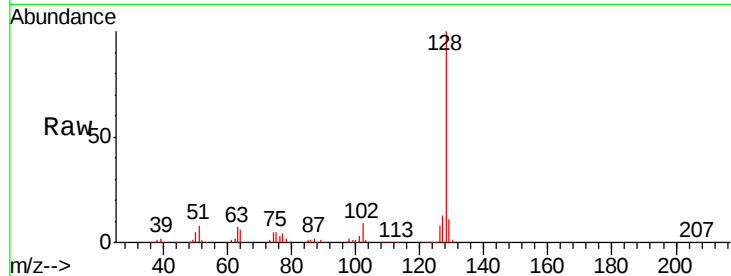




#95
Naphthalene
Concen: 20.212 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tgt Ion:128 Resp: 180979
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.038 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion:180 Resp: 47196
Ion Ratio Lower Upper
180 100
182 97.7 47.1 141.3
145 37.3 18.0 54.0

