

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012253.D
 Acq On : 10 Sep 2019 14:08
 Operator : SY/SP
 Sample : VX0910SBS01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

Quant Time: Sep 11 01:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	127056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	222884	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	104756	58.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.64%	
35) Dibromofluoromethane	5.48	113	81849	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
50) Toluene-d8	8.71	98	308609	61.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.16%	
62) 4-Bromofluorobenzene	11.14	95	132288	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	24522	23.606	ug/l	99
3) Chloromethane	1.31	50	22073	23.573	ug/l	96
4) Vinyl Chloride	1.40	62	21985	23.680	ug/l	98
5) Bromomethane	1.62	94	10147	24.614	ug/l	100
6) Chloroethane	1.70	64	13803	22.233	ug/l	98
7) Trichlorofluoromethane	1.92	101	39421	23.461	ug/l	99
8) Diethyl Ether	2.17	74	13360	23.301	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27359	24.159	ug/l	99
10) Methyl Iodide	2.50	142	24016	22.282	ug/l	98
11) Tert butyl alcohol	3.04	59	30248	155.073	ug/l	97
12) 1,1-Dichloroethene	2.36	96	23344	24.281	ug/l	98
13) Acrolein	2.28	56	11305	120.391	ug/l	92
14) Allyl chloride	2.72	41	45086	23.001	ug/l	98
15) Acrylonitrile	3.13	53	40565	114.453	ug/l	99
16) Acetone	2.44	43	43486	102.262	ug/l	99
17) Carbon Disulfide	2.55	76	47032	23.296	ug/l	97
18) Methyl Acetate	2.76	43	19645	21.979	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	88852	23.402	ug/l	99
20) Methylene Chloride	2.84	84	34084	24.338	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	26745	23.316	ug/l	96
22) Diisopropyl ether	3.84	45	102299	22.820	ug/l	96
23) Vinyl Acetate	3.80	43	322183	117.142	ug/l	99
24) 1,1-Dichloroethane	3.68	63	55420	23.080	ug/l	99
25) 2-Butanone	4.67	43	61016	112.242	ug/l	95
26) 2,2-Dichloropropane	4.56	77	52176	23.145	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	34929	23.586	ug/l	98
28) Bromochloromethane	5.00	49	23899	21.222	ug/l	97
29) Tetrahydrofuran	5.12	42	35627	121.469	ug/l	99
30) Chloroform	5.19	83	63512	23.456	ug/l	99
31) Cyclohexane	5.57	56	39382	23.611	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	52963	22.780	ug/l	98
36) 1,1-Dichloropropene	5.78	75	38821	23.887	ug/l	98
37) Ethyl Acetate	4.82	43	25328	25.211	ug/l	98
38) Carbon Tetrachloride	5.77	117	44535	23.356	ug/l	98

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 ClientSampleId :
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 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	41561	23.303	ug/l	98
40) Benzene	6.13	78	115818	23.546	ug/l	98
41) Methacrylonitrile	5.03	41	15052	24.303	ug/l	97
42) 1,2-Dichloroethane	6.18	62	44903	23.097	ug/l	98
43) Isopropyl Acetate	6.43	43	50956	24.058	ug/l	99
44) Trichloroethene	7.20	130	31325	23.532	ug/l	98
45) 1,2-Dichloropropane	7.51	63	31160	22.886	ug/l #	88
46) Dibromomethane	7.65	93	17322	23.279	ug/l	97
47) Bromodichloromethane	7.89	83	46357	22.828	ug/l #	98
48) Methyl methacrylate	7.76	41	23905	23.579	ug/l	99
49) 1,4-Dioxane	7.73	88	6450	471.473	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	127994	114.498	ug/l	100
52) Toluene	8.78	92	76716	23.613	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	47366	23.370	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	51613	22.965	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	27401	23.769	ug/l	97
56) Ethyl methacrylate	9.17	69	36631	23.468	ug/l	99
57) 1,3-Dichloropropane	9.37	76	46119	23.423	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	91944	114.929	ug/l	99
59) 2-Hexanone	9.49	43	92910	119.535	ug/l	100
60) Dibromochloromethane	9.58	129	31944	23.736	ug/l	99
61) 1,2-Dibromoethane	9.67	107	25168	23.453	ug/l	99
64) Tetrachloroethene	9.33	164	25292	23.408	ug/l	98
65) Chlorobenzene	10.14	112	88283	23.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32607	23.172	ug/l	99
67) Ethyl Benzene	10.24	91	158080	23.810	ug/l	97
68) m/p-Xylenes	10.35	106	117143	47.931	ug/l	99
69) o-Xylene	10.70	106	57434	23.989	ug/l	99
70) Styrene	10.71	104	100150	23.587	ug/l	99
71) Bromoform	10.85	173	16183	22.178	ug/l #	100
73) Isopropylbenzene	11.01	105	157245	23.435	ug/l	99
74) N-amyl acetate	10.89	43	45901	23.008	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	34103	23.666	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	37045	28.293	ug/l	88
77) Bromobenzene	11.25	156	37444	24.239	ug/l	97
78) n-propylbenzene	11.35	91	193201	23.844	ug/l	99
79) 2-Chlorotoluene	11.42	91	117933	23.492	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	143356	23.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9913	22.685	ug/l	95
82) 4-Chlorotoluene	11.51	91	144041	23.876	ug/l	99
83) tert-Butylbenzene	11.77	119	136969	23.377	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	146877	23.547	ug/l	98
85) sec-Butylbenzene	11.94	105	164096	23.473	ug/l	98
86) p-Isopropyltoluene	12.06	119	153065	23.696	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	72844	23.148	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	74266	23.339	ug/l	96
89) n-Butylbenzene	12.38	91	150596	23.786	ug/l	99
90) Hexachloroethane	12.59	117	27085	22.764	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	68885	23.664	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6934	23.574	ug/l	98

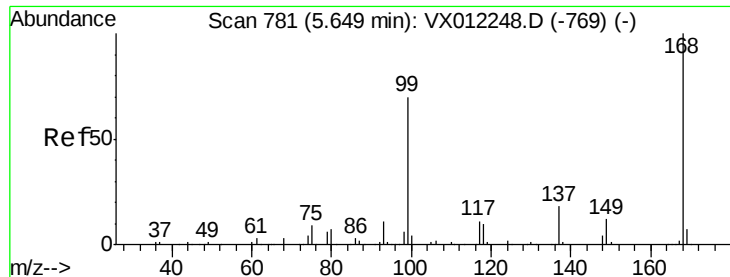
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
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Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46868	23.314	ug/l	99
94) Hexachlorobutadiene	13.77	225	22902	22.900	ug/l	98
95) Naphthalene	13.83	128	101330	23.488	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	41772	23.485	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

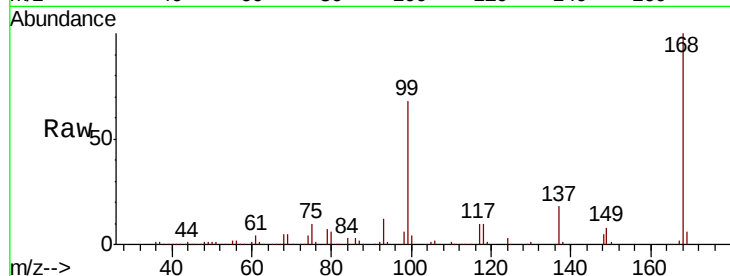
VX0910SBS01

Tgt Ion:168 Resp: 127056

Ion Ratio Lower Upper

168 100

99 67.8 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

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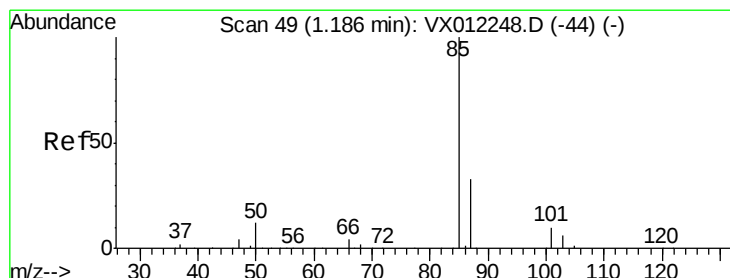
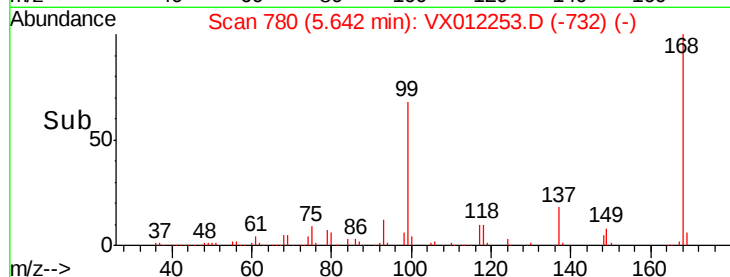
5.64

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#2

Dichlorodifluoromethane

Concen: 23.606 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012253.D

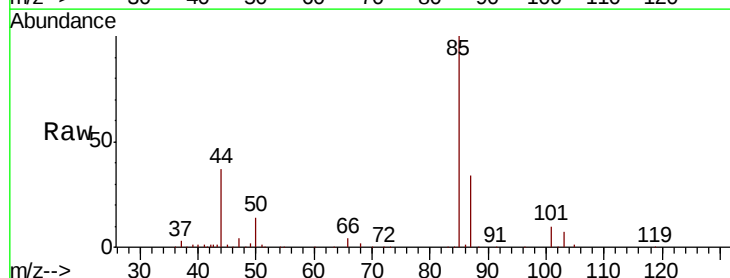
Acq: 10 Sep 2019 14:08

Tgt Ion: 85 Resp: 24522

Ion Ratio Lower Upper

85 100

87 33.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

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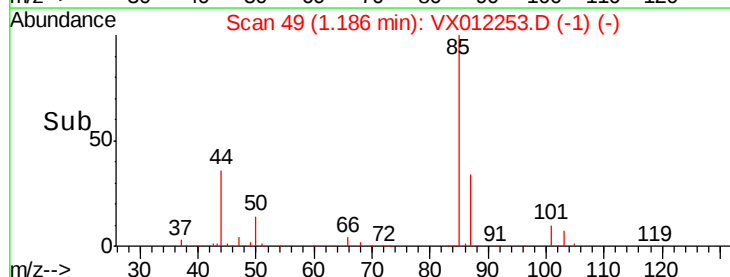
1.19

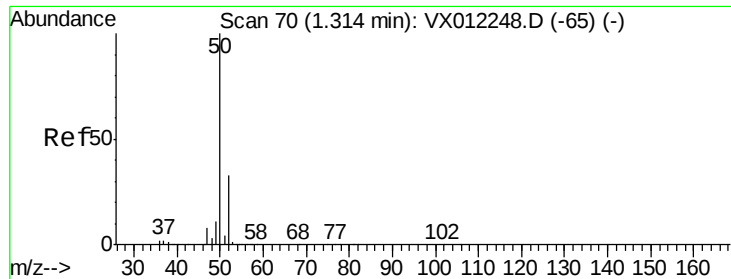
1.19

1.19

1.19

1.19





#3

Chloromethane

Concen: 23.573 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

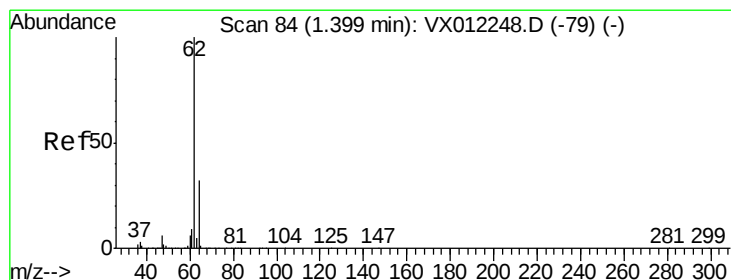
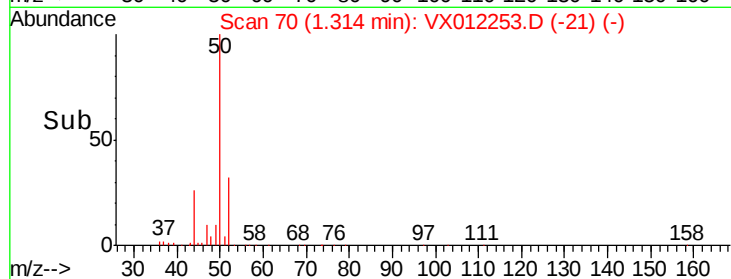
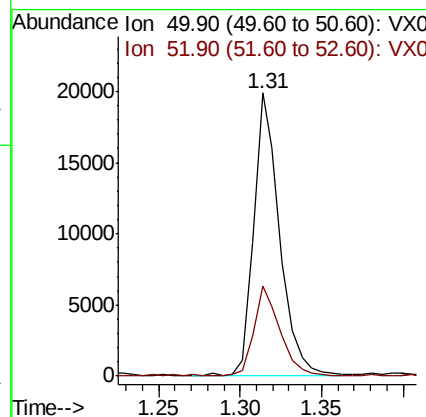
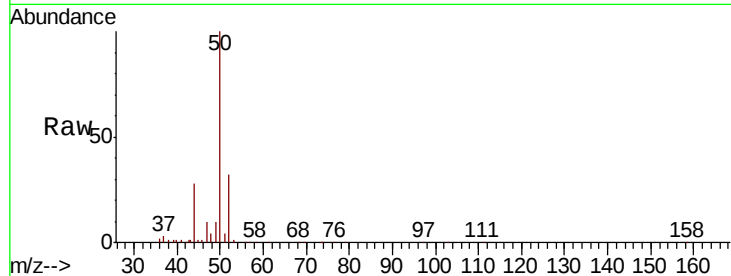
VX0910SBS01

Tgt Ion: 50 Resp: 22073

Ion Ratio Lower Upper

50 100

52 31.3 26.7 40.1



#4

Vinyl Chloride

Concen: 23.680 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012253.D

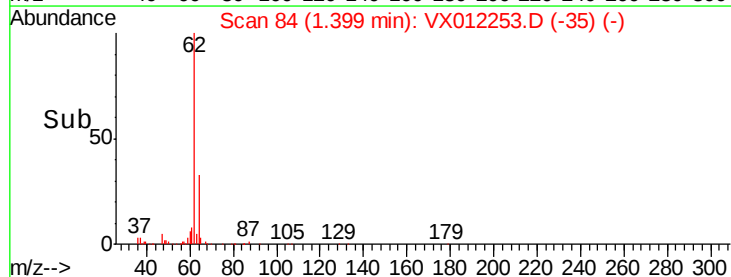
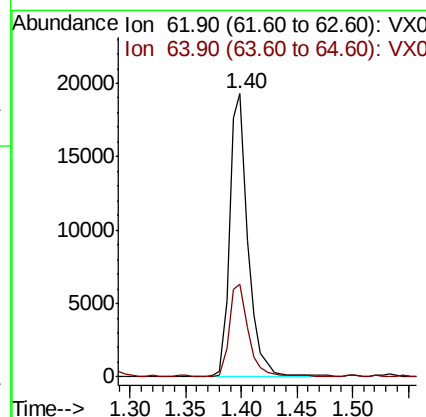
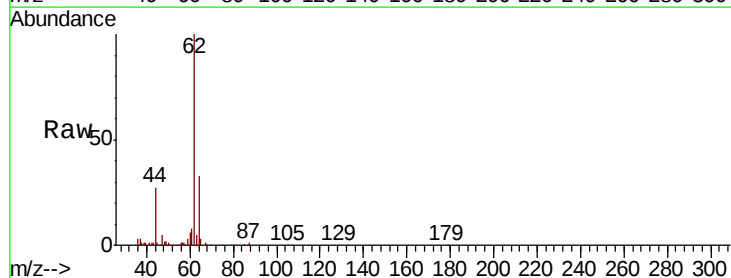
Acq: 10 Sep 2019 14:08

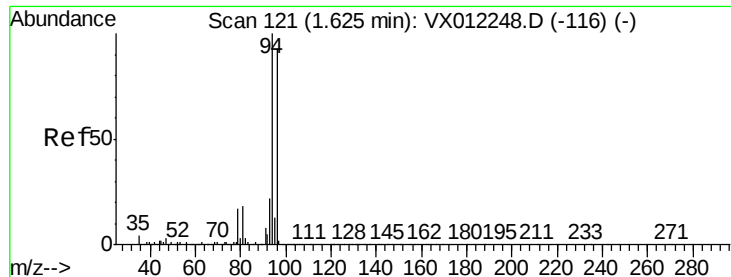
Tgt Ion: 62 Resp: 21985

Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3





#5

Bromomethane

Concen: 24.614 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

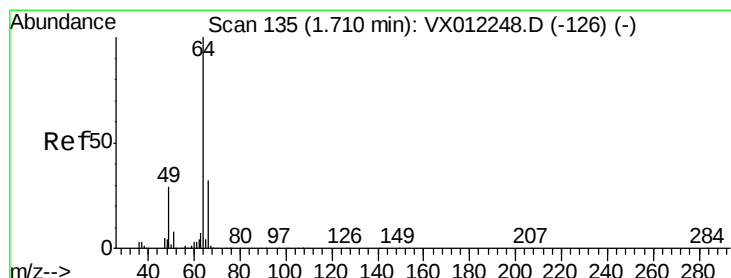
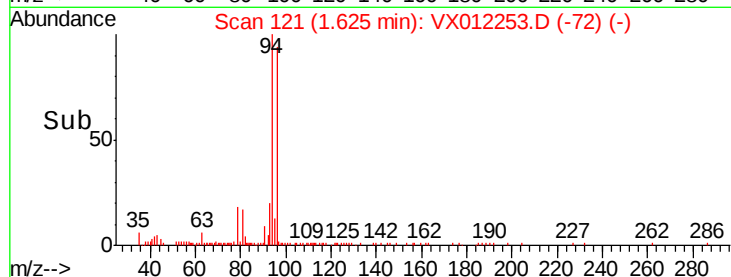
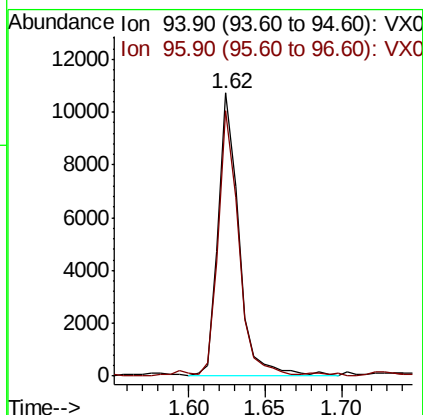
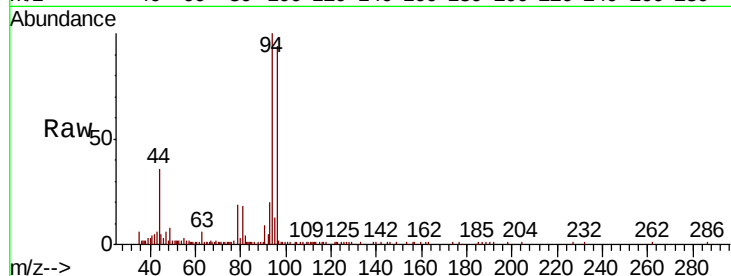
VX0910SBS01

Tgt Ion: 94 Resp: 10147

Ion Ratio Lower Upper

94 100

96 92.8 74.0 111.0



#6

Chloroethane

Concen: 22.233 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012253.D

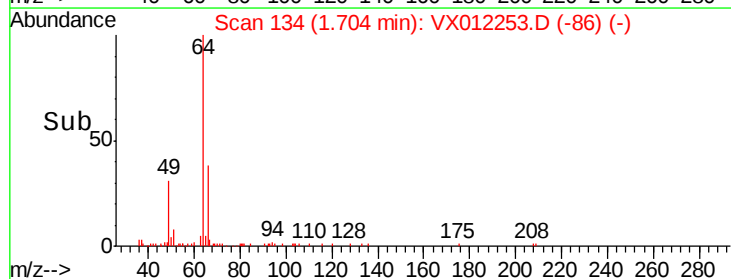
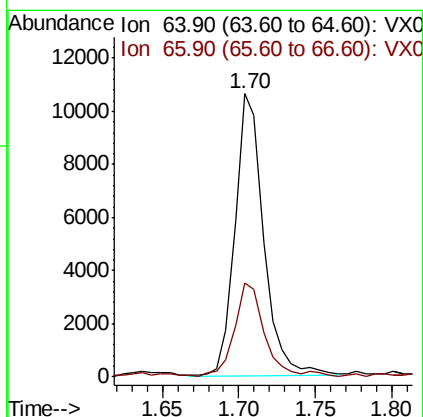
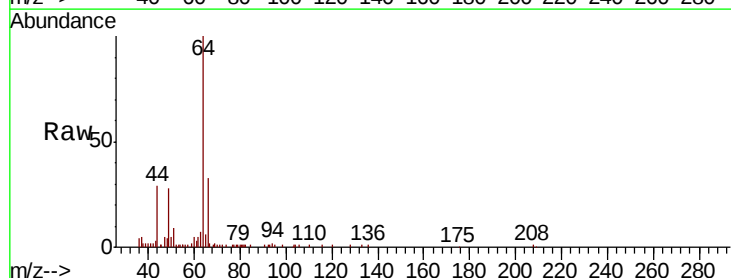
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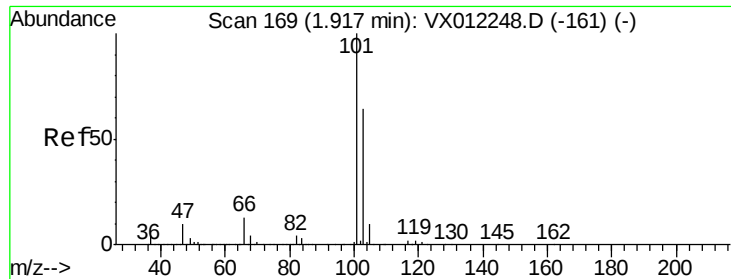
Tgt Ion: 64 Resp: 13803

Ion Ratio Lower Upper

64 100

66 33.2 25.8 38.6



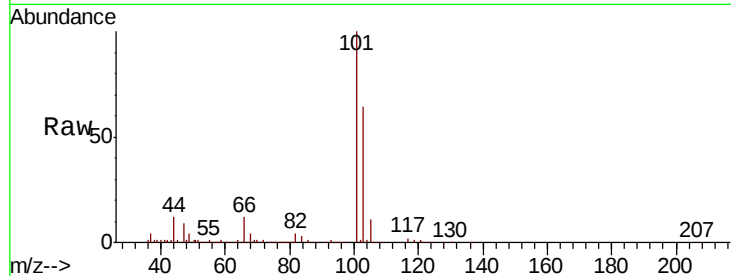


#7

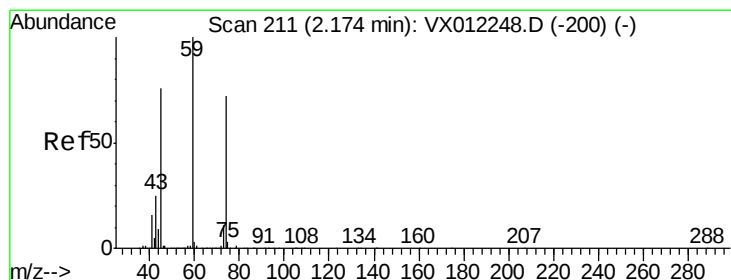
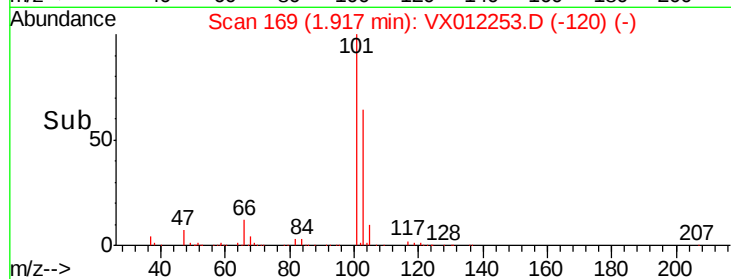
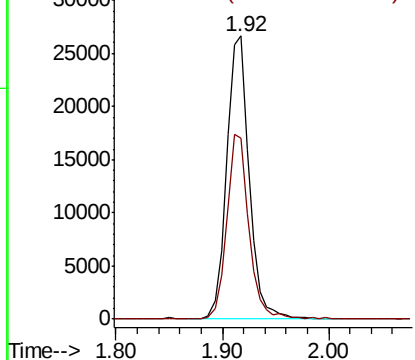
Trichlorofluoromethane
Concen: 23.461 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

Tgt Ion:101 Resp: 39421
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2



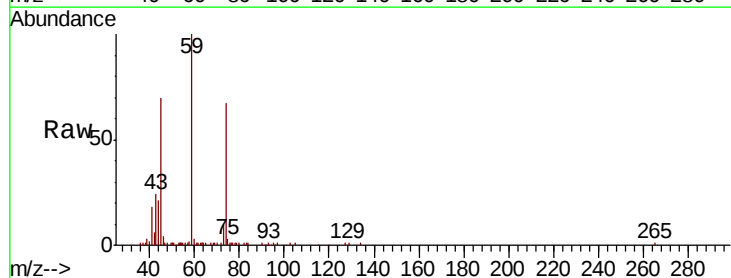
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



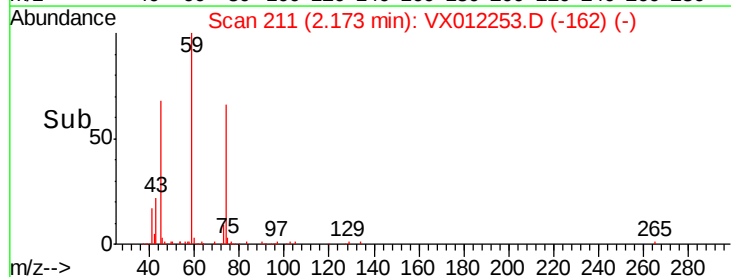
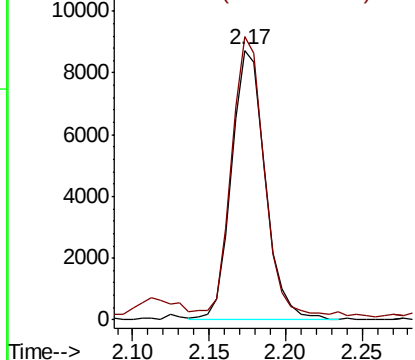
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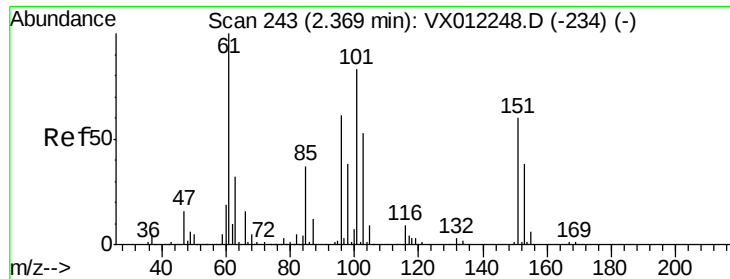
Diethyl Ether
Concen: 23.301 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 74 Resp: 13360
Ion Ratio Lower Upper
74 100
45 97.6 51.3 153.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.159 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

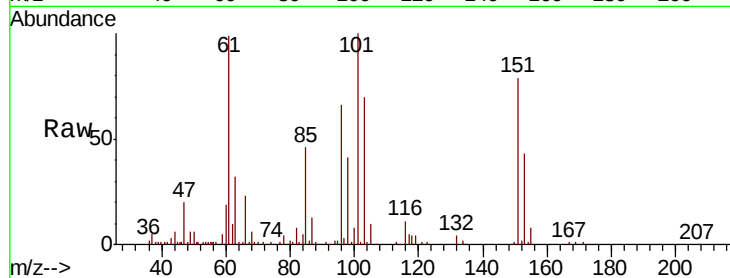
Tgt Ion:101 Resp: 27359

Ion Ratio Lower Upper

101 100

85 47.2 37.0 55.6

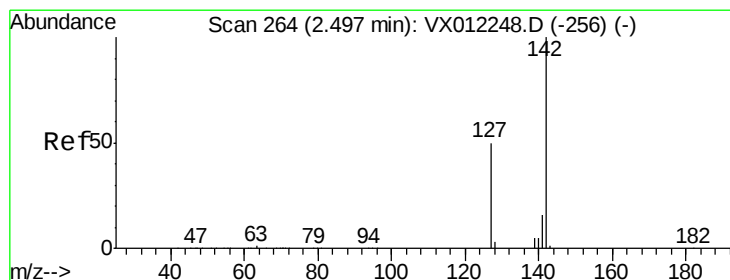
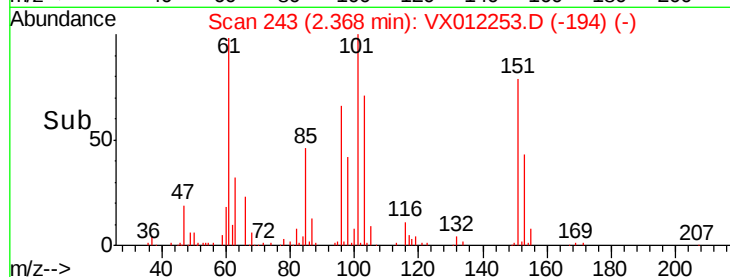
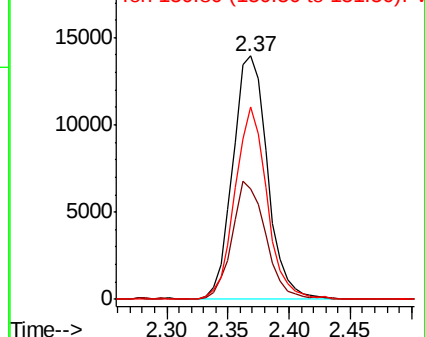
151 73.1 58.6 87.8



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: 22.282 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

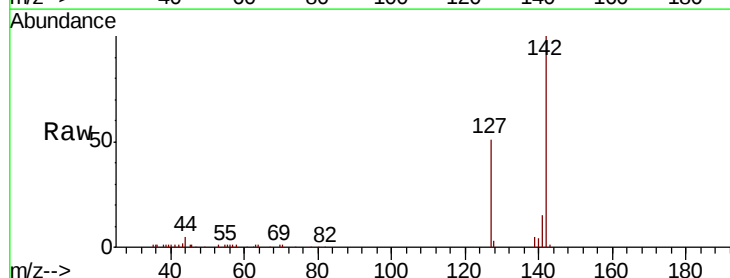
Tgt Ion:142 Resp: 24016

Ion Ratio Lower Upper

142 100

127 52.7 40.6 61.0

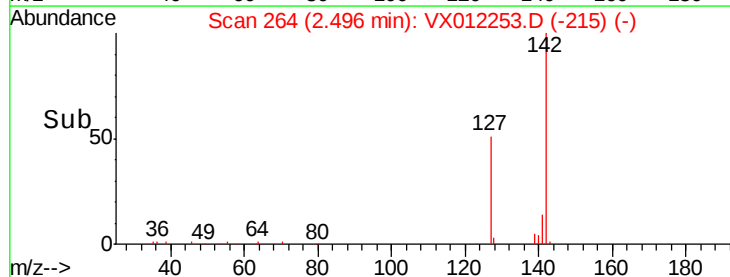
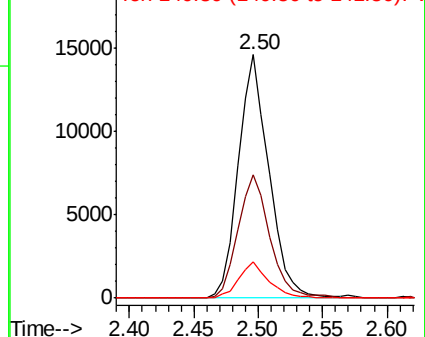
141 14.4 12.0 18.0

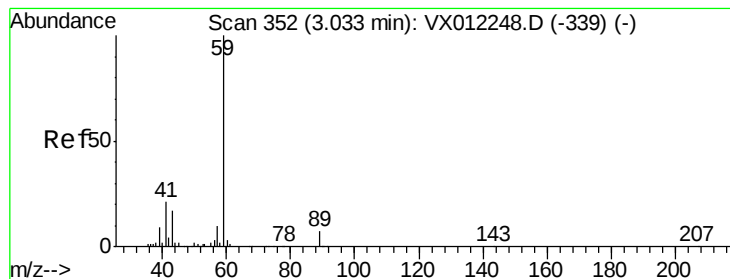


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



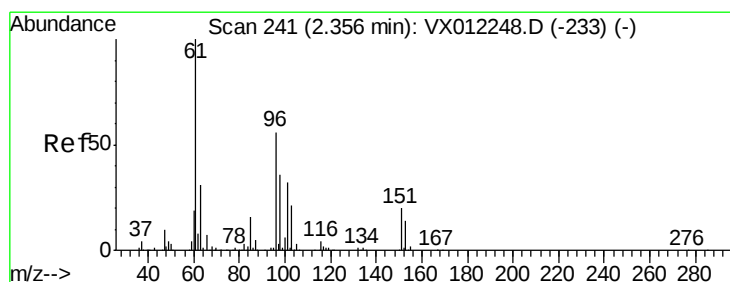
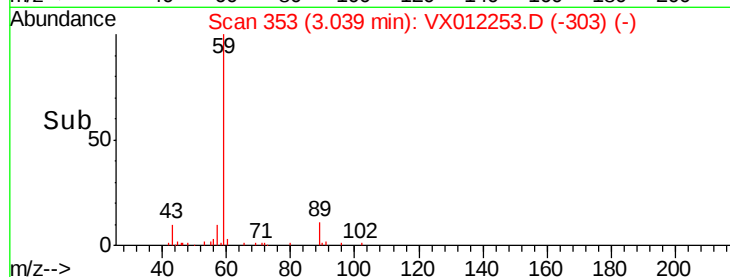
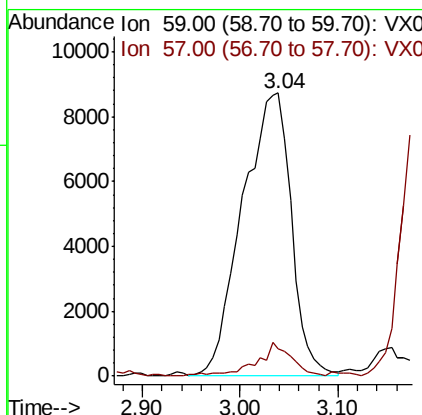
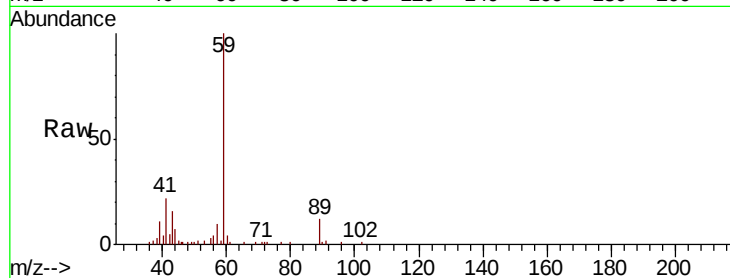


#11

Tert butyl alcohol
 Concen: 155.073 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

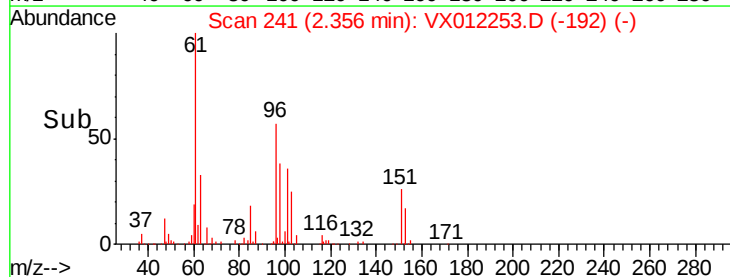
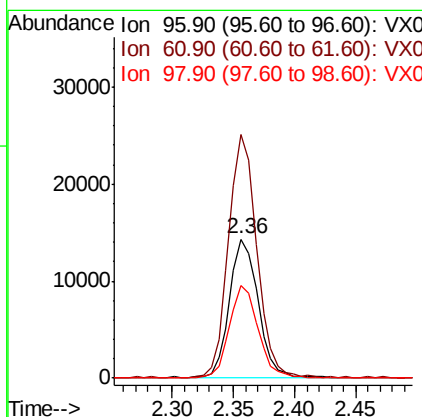
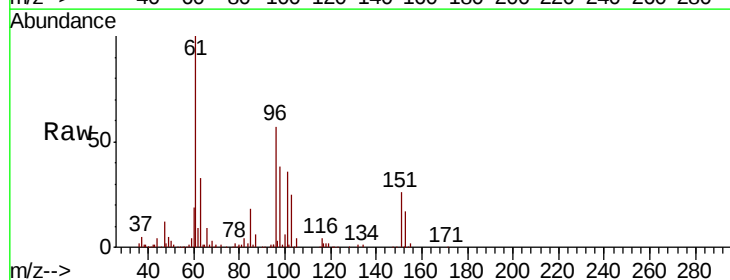
Tgt Ion: 59 Resp: 30248
 Ion Ratio Lower Upper
 59 100
 57 8.6 7.8 11.6

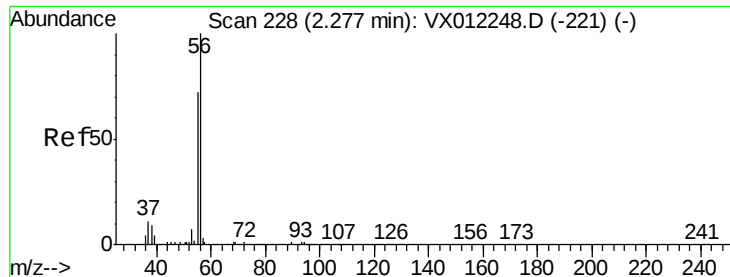


#12

1,1-Dichloroethene
 Concen: 24.281 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion: 96 Resp: 23344
 Ion Ratio Lower Upper
 96 100
 61 174.4 142.2 213.2
 98 66.1 51.3 76.9





#13

Acrolein

Concen: 120.391 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

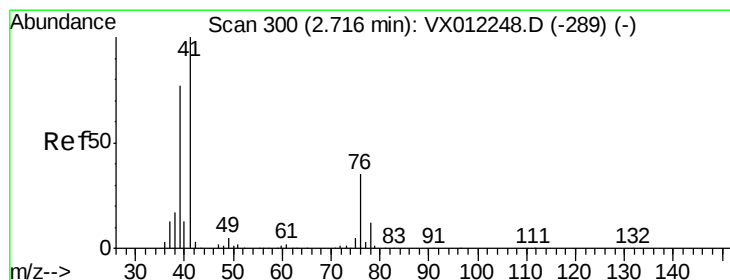
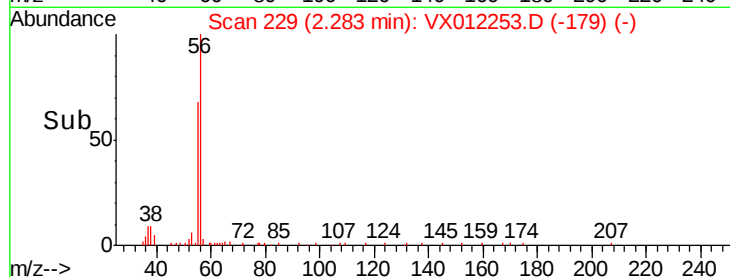
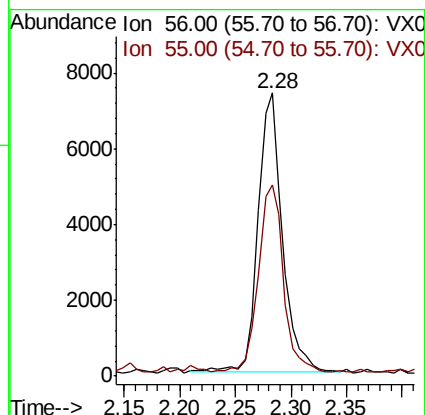
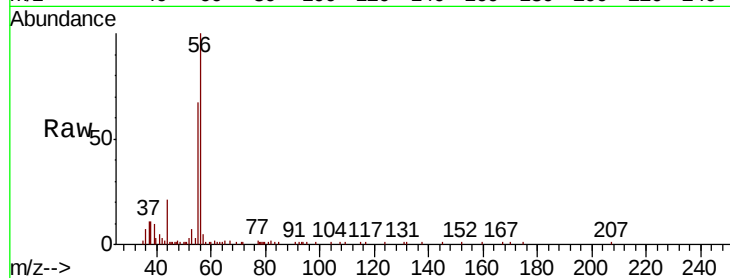
VX0910SBS01

Tgt Ion: 56 Resp: 11305

Ion Ratio Lower Upper

56 100

55 67.7 59.8 89.6



#14

Allyl chloride

Concen: 23.001 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

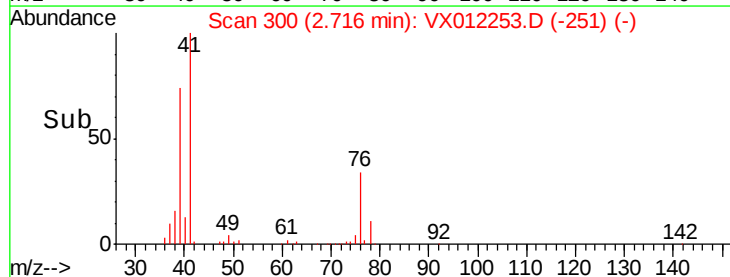
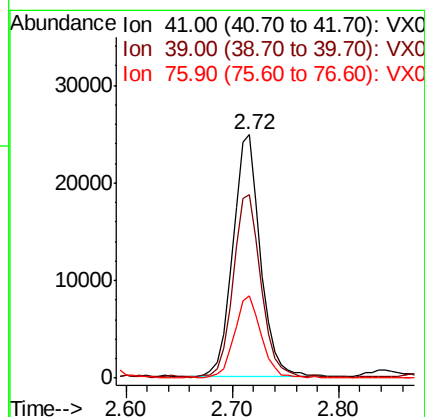
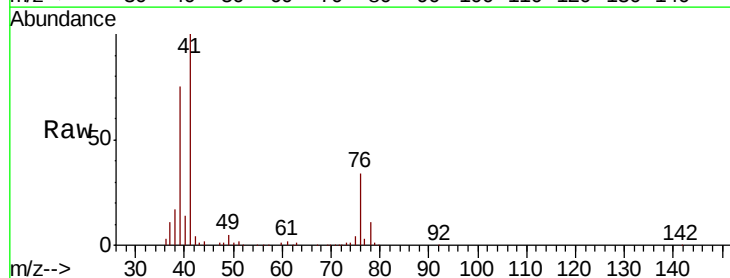
Tgt Ion: 41 Resp: 45086

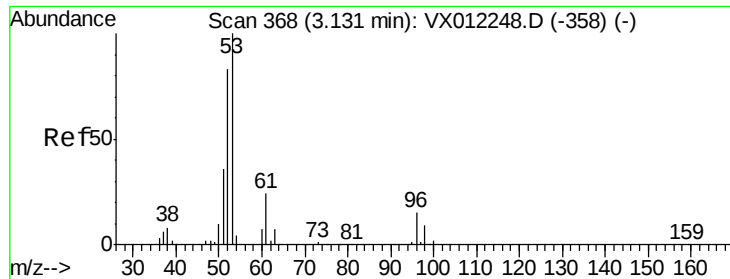
Ion Ratio Lower Upper

41 100

39 76.0 58.6 87.8

76 33.2 26.3 39.5





#15

Acrylonitrile

Concen: 114.453 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

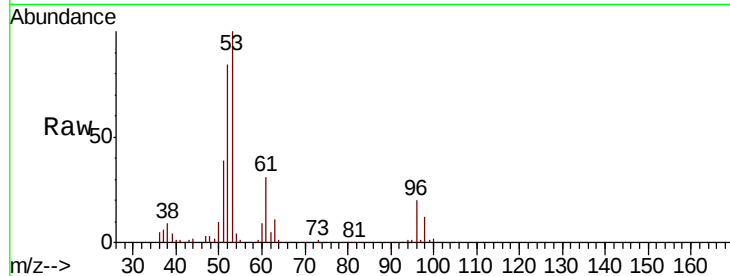
Tgt Ion: 53 Resp: 40565

Ion Ratio Lower Upper

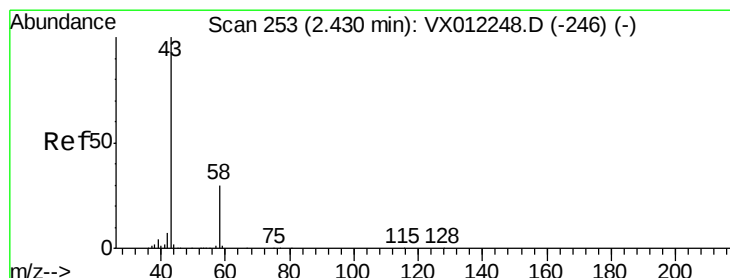
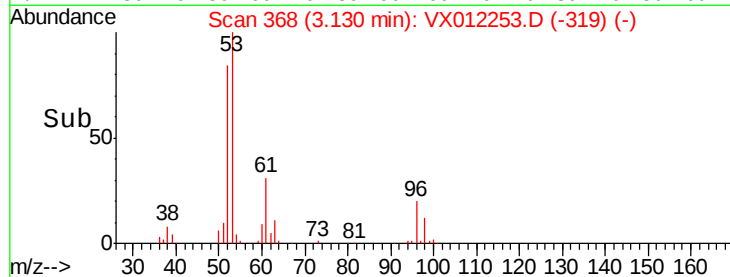
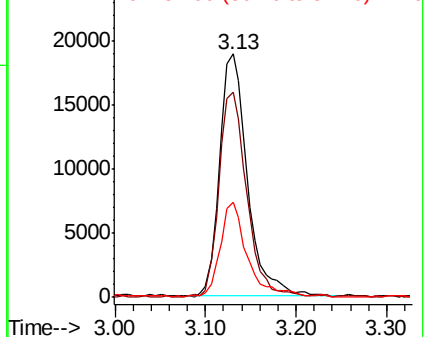
53 100

52 83.4 66.8 100.2

51 36.6 30.7 46.1



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: 102.262 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012253.D

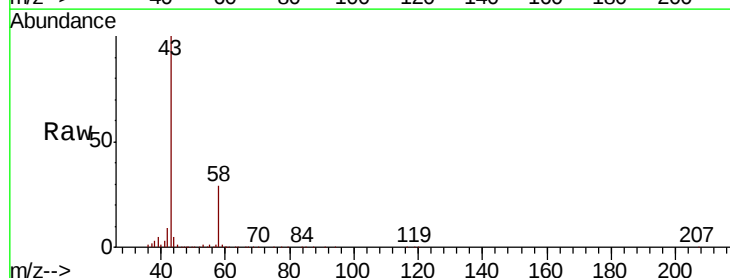
Acq: 10 Sep 2019 14:08

Tgt Ion: 43 Resp: 43486

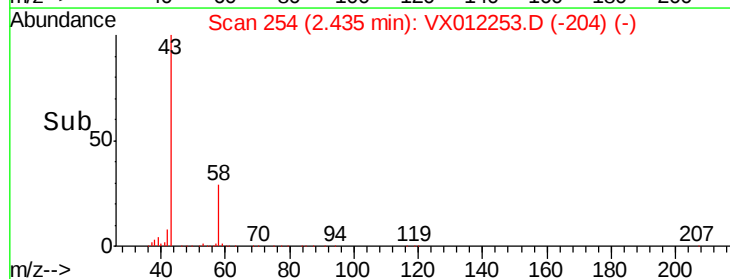
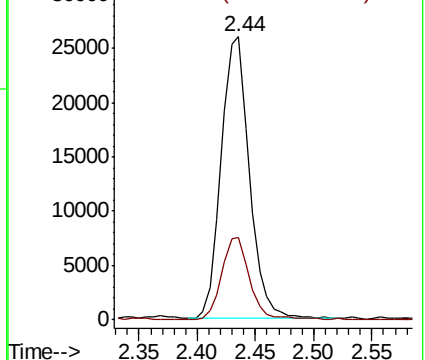
Ion Ratio Lower Upper

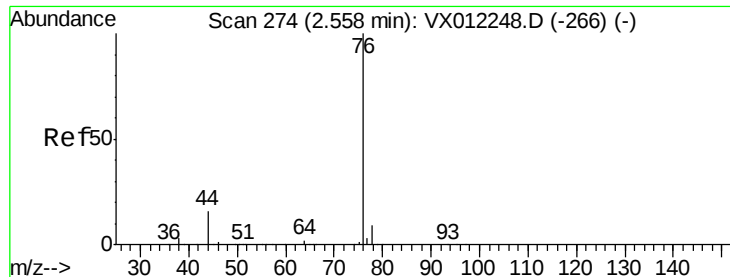
43 100

58 28.9 23.6 35.4



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

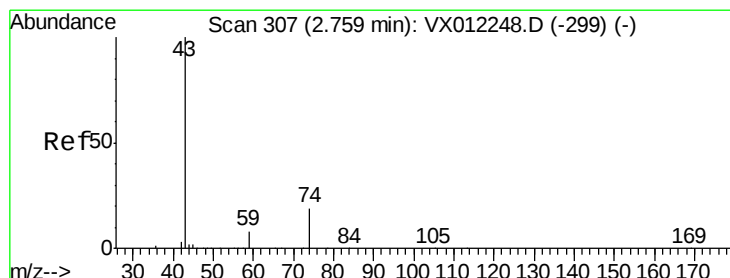
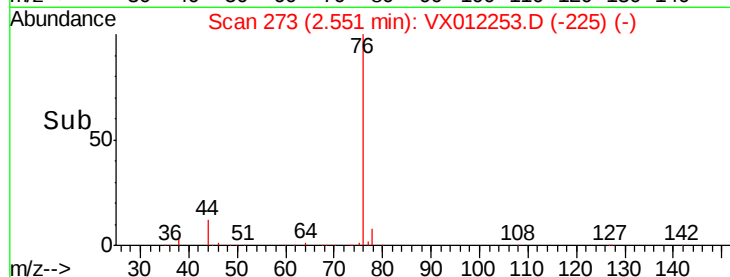
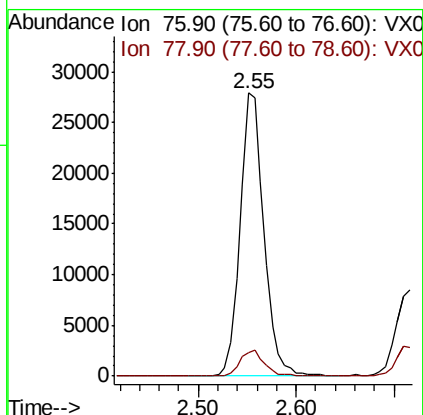
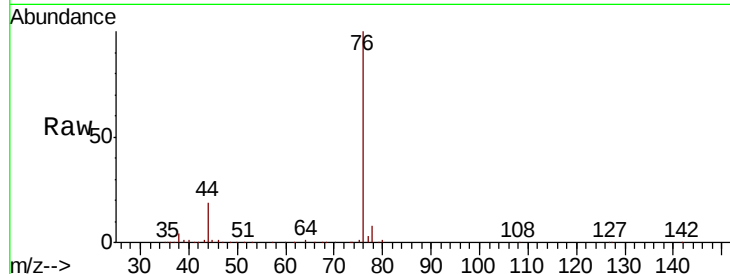




#17
Carbon Disulfide
Concen: 23.296 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

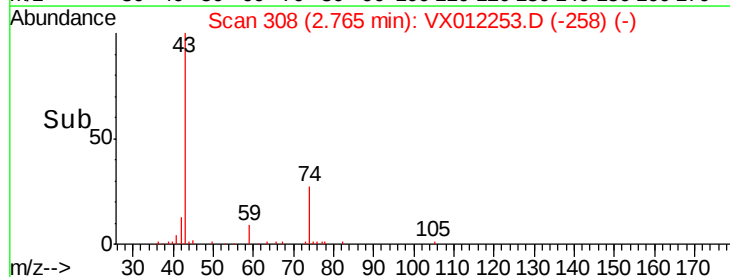
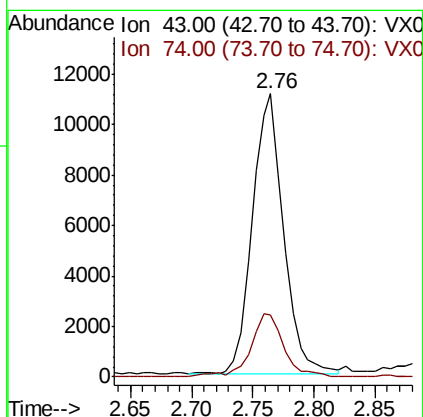
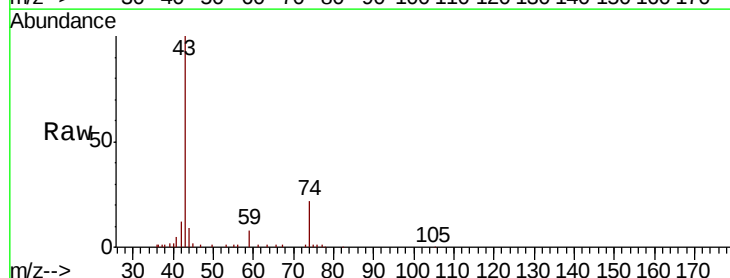
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

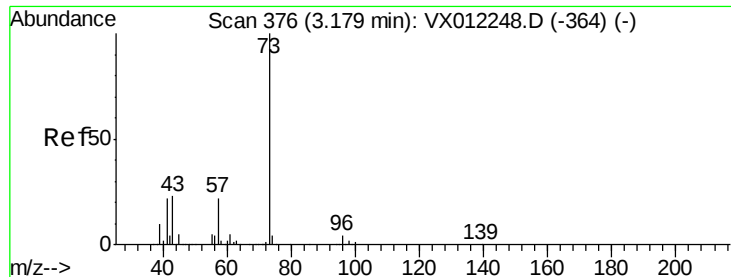
Tgt Ion: 76 Resp: 47032
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 21.979 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 43 Resp: 19645
Ion Ratio Lower Upper
43 100
74 24.2 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 23.402 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.01 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

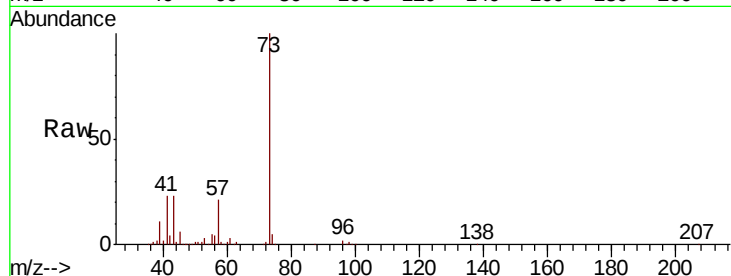
VX0910SBS01

Tgt Ion: 73 Resp: 88852

Ion Ratio Lower Upper

73 100

57 21.4 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

40000

30000

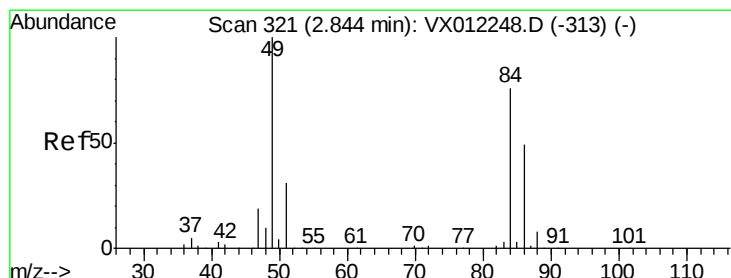
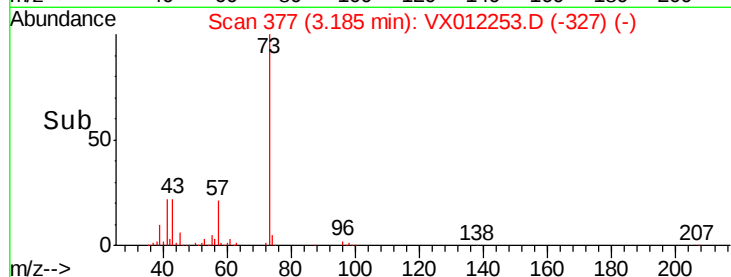
20000

10000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 24.338 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Tgt Ion: 84 Resp: 34084

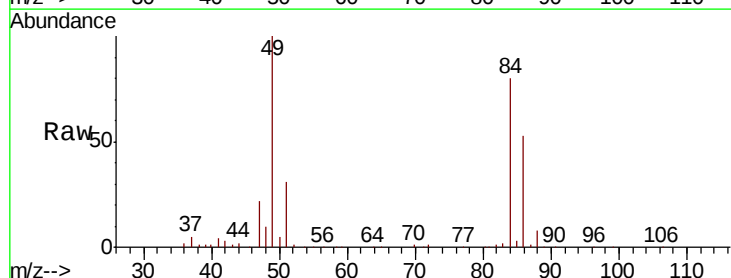
Ion Ratio Lower Upper

84 100

49 124.4 105.0 157.6

51 38.4 32.6 48.8

86 65.6 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

30000

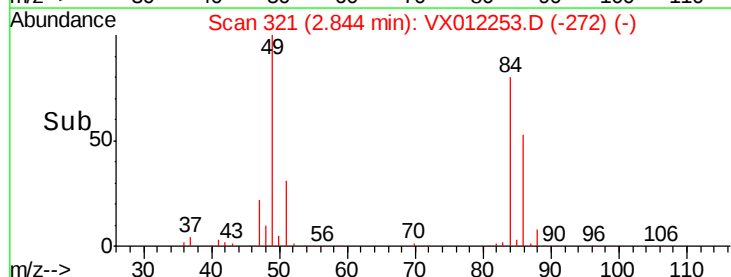
20000

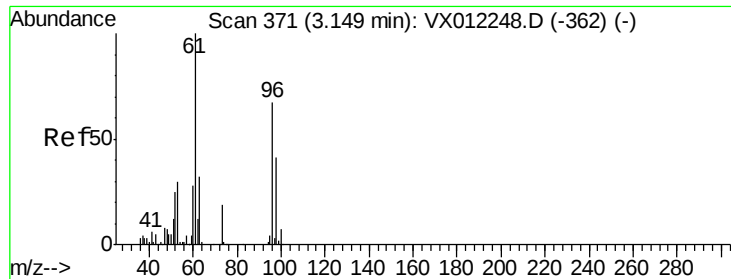
10000

0

Time-->

2.75 2.80 2.85 2.90





#21

trans-1,2-Dichloroethene

Concen: 23.316 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

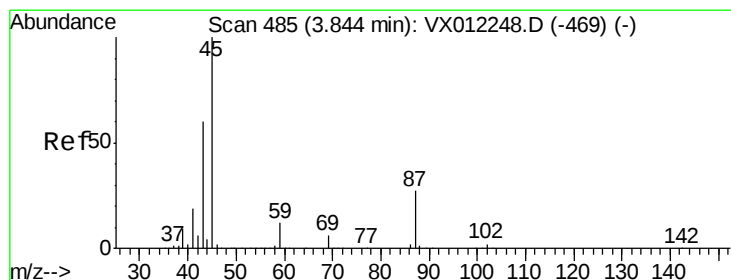
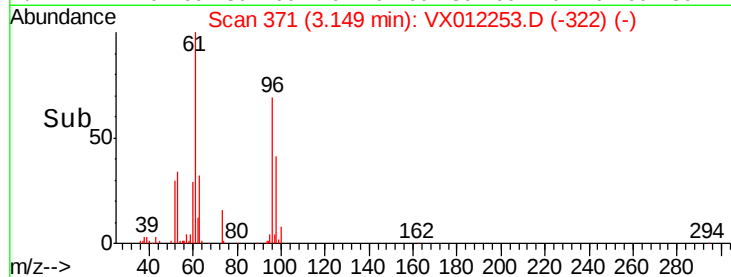
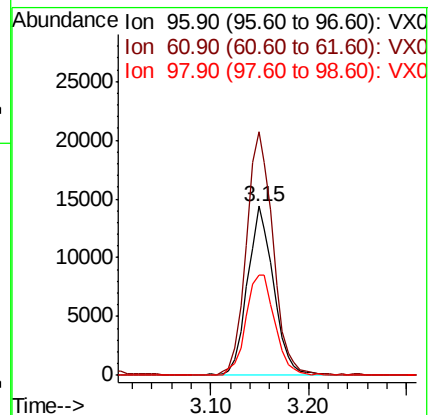
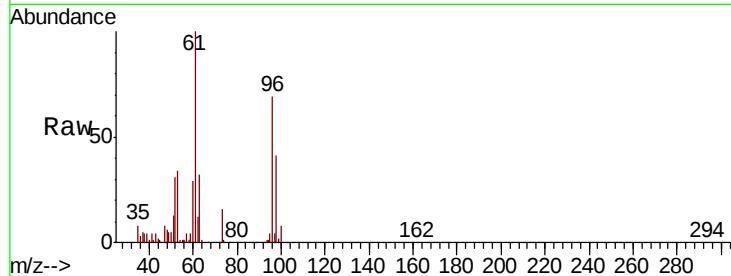
Tgt Ion: 96 Resp: 26745

Ion Ratio Lower Upper

96 100

61 143.9 119.4 179.2

98 59.0 48.4 72.6



#22

Diisopropyl ether

Concen: 22.820 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Tgt Ion: 45 Resp: 102299

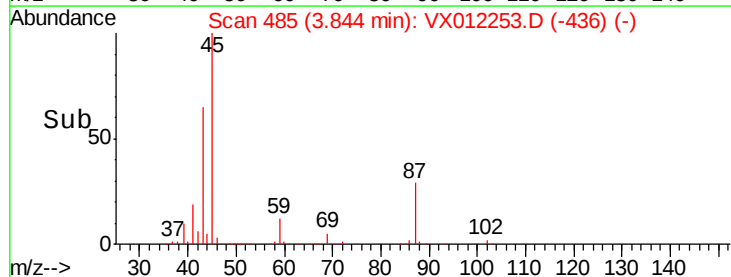
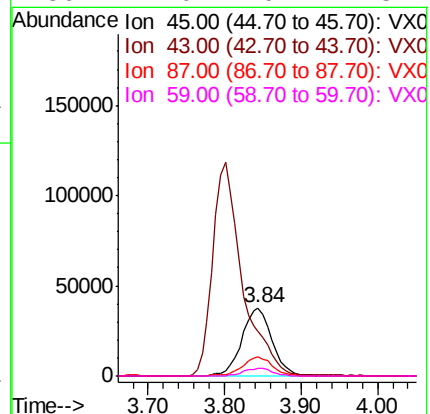
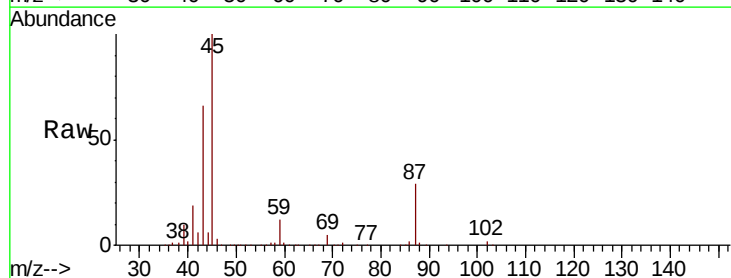
Ion Ratio Lower Upper

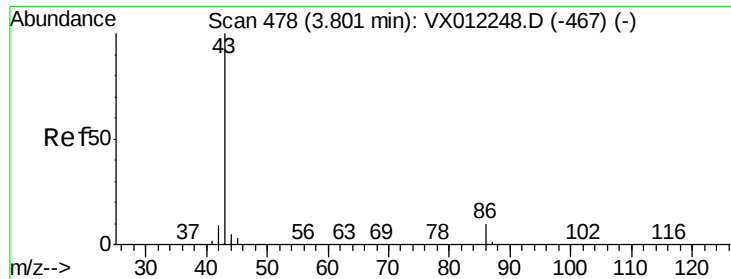
45 100

43 64.3 48.3 72.5

87 28.6 21.8 32.8

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 117.142 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

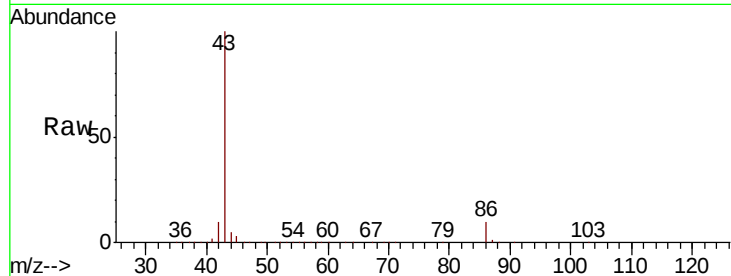
VX0910SBS01

Tgt Ion: 43 Resp: 322183

Ion Ratio Lower Upper

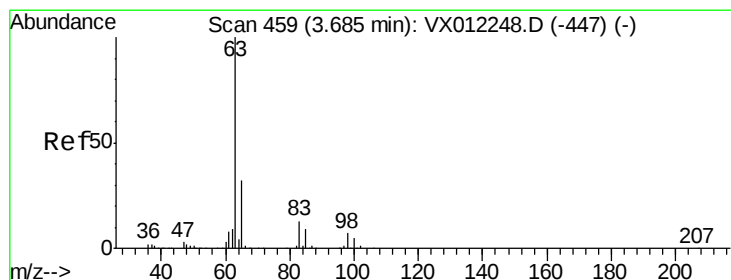
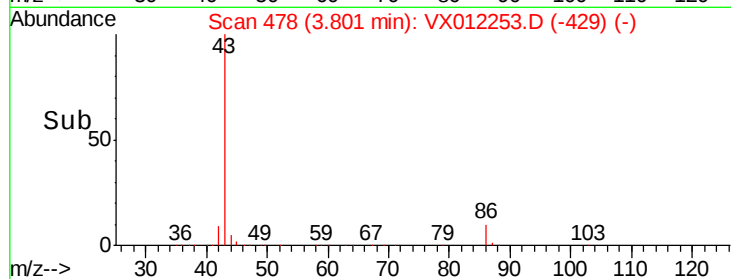
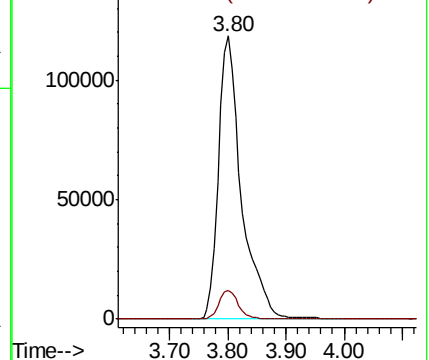
43 100

86 10.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.080 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

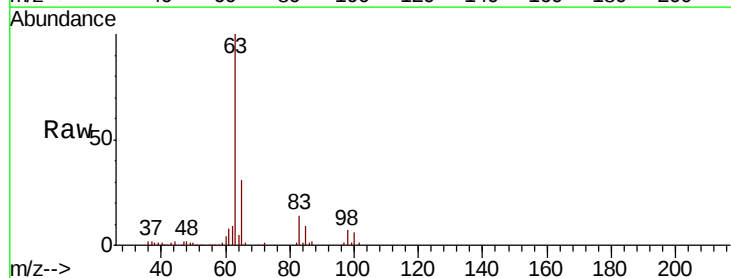
Tgt Ion: 63 Resp: 55420

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

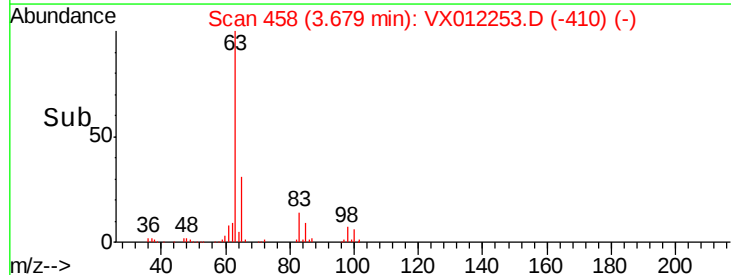
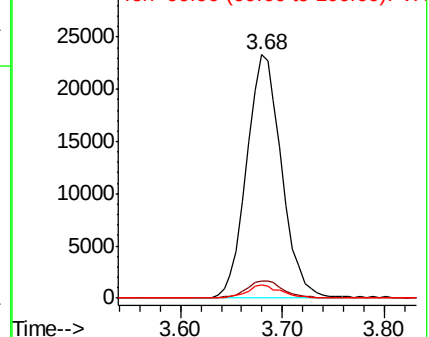
100 5.5 2.4 7.2

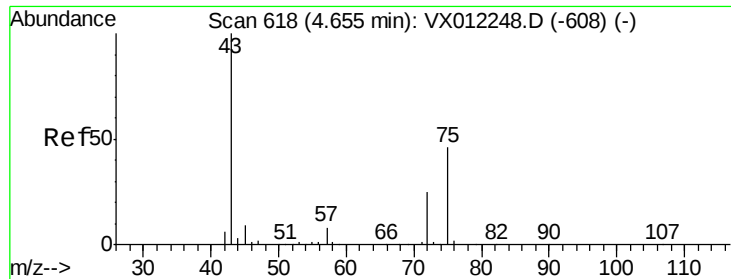


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 112.242 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

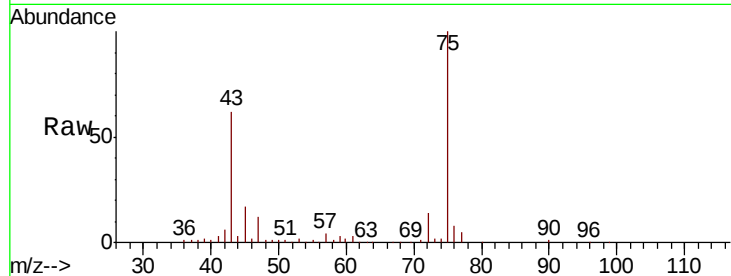
VX0910SBS01

Tgt Ion: 43 Resp: 61016

Ion Ratio Lower Upper

43 100

72 22.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

20000

15000

10000

5000

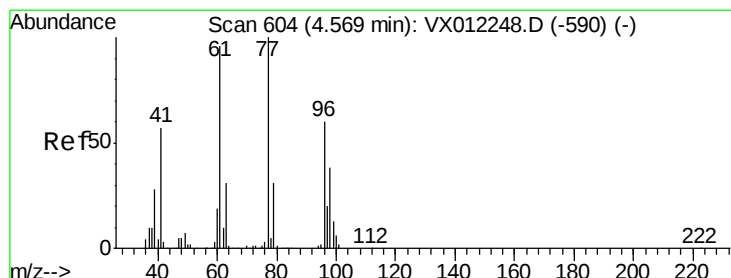
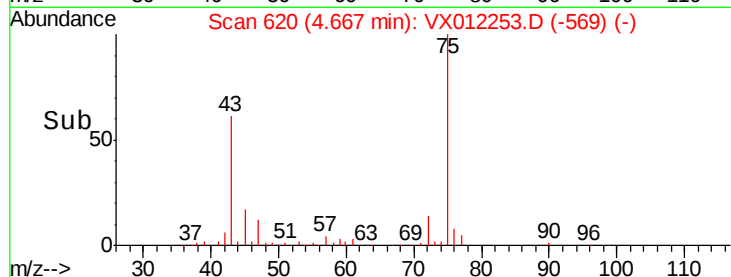
0

Time-->

4.60

4.70

4.80



#26

2,2-Dichloropropane

Concen: 23.145 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012253.D

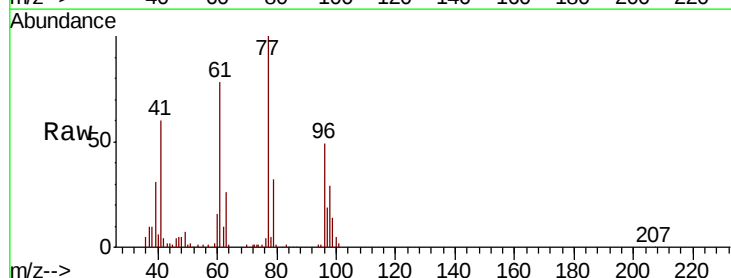
Acq: 10 Sep 2019 14:08

Tgt Ion: 77 Resp: 52176

Ion Ratio Lower Upper

77 100

97 20.8 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

20000

15000

10000

5000

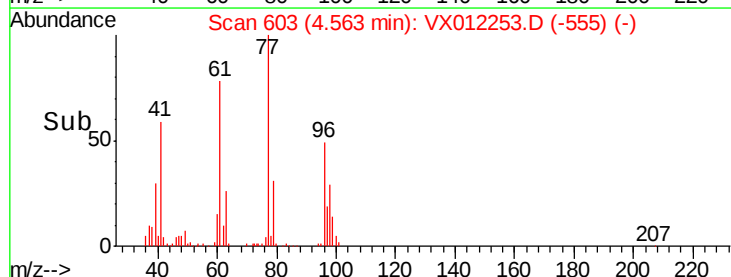
0

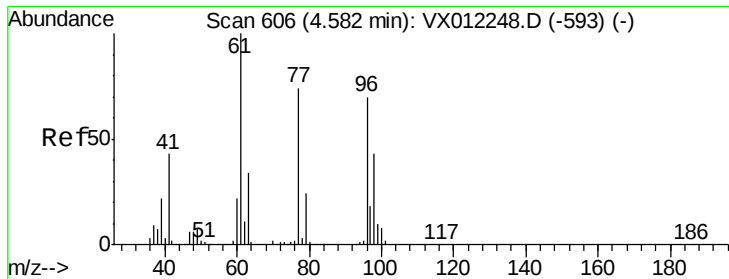
Time-->

4.40

4.50

4.60



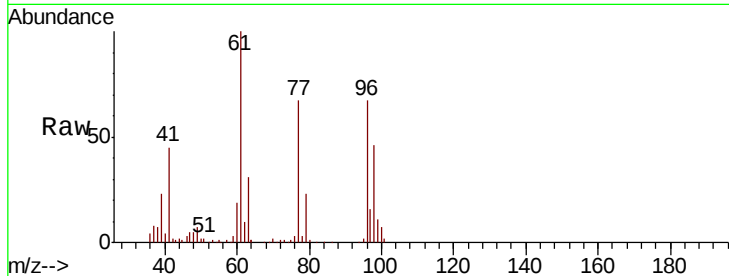


#27

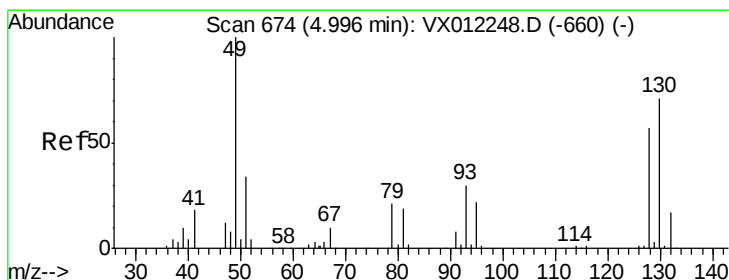
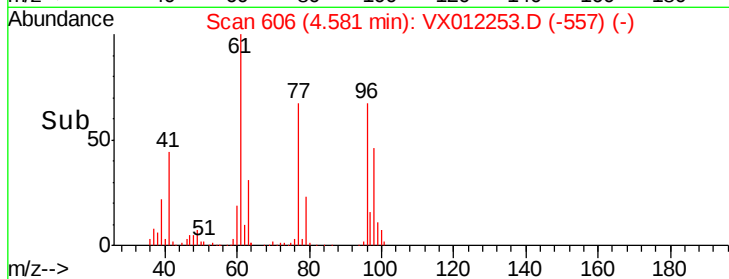
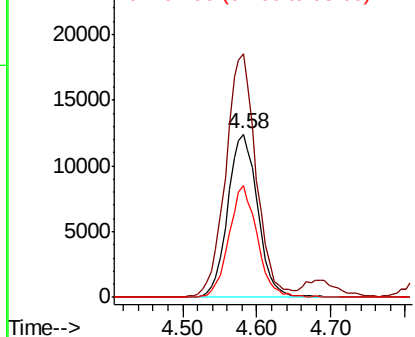
cis-1,2-Dichloroethene
 Concen: 23.586 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

Tgt Ion: 96 Resp: 34929
 Ion Ratio Lower Upper
 96 100
 61 151.7 0.0 310.4
 98 64.8 0.0 128.8



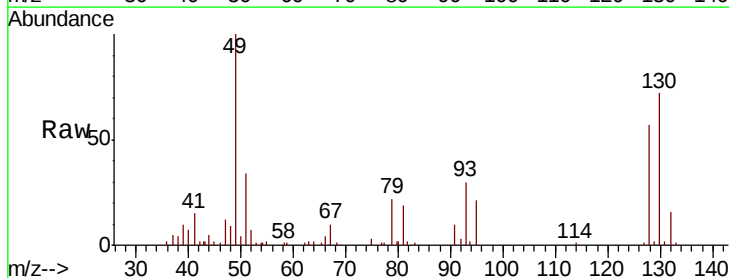
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



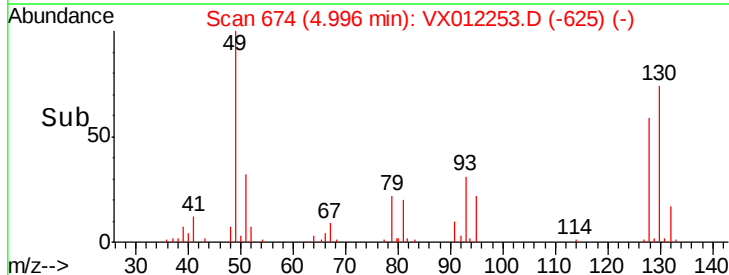
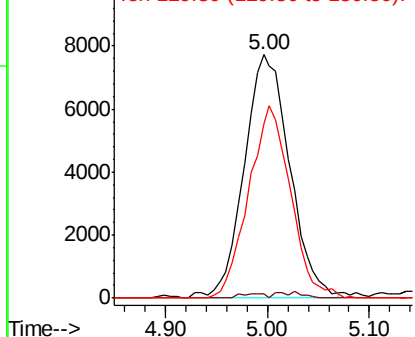
#28

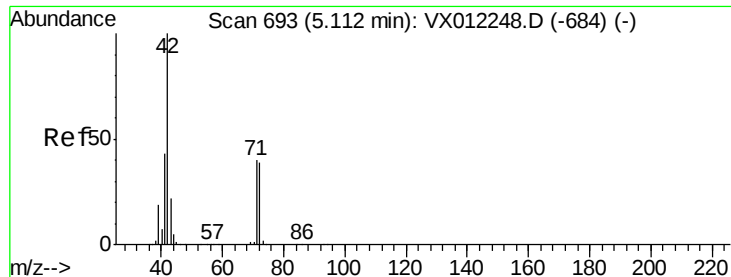
Bromochloromethane
 Concen: 21.222 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion: 49 Resp: 23899
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 5.2
 130 72.9 60.1 90.1



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: 121.469 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

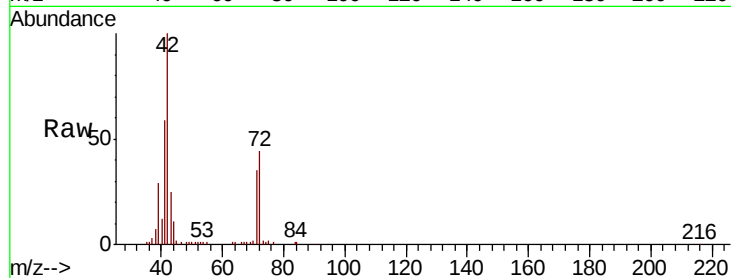
Tgt Ion: 42 Resp: 35627

Ion Ratio Lower Upper

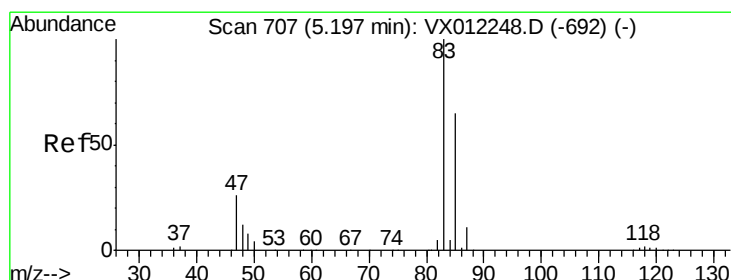
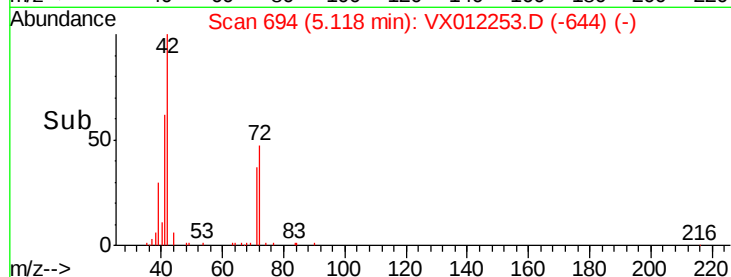
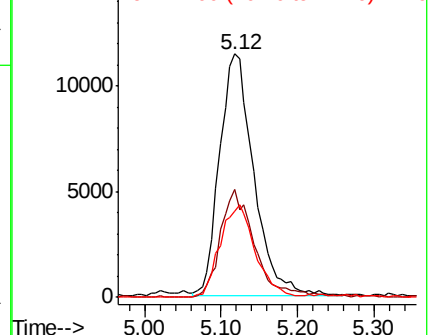
42 100

72 44.1 35.2 52.8

71 39.1 32.5 48.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 23.456 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012253.D

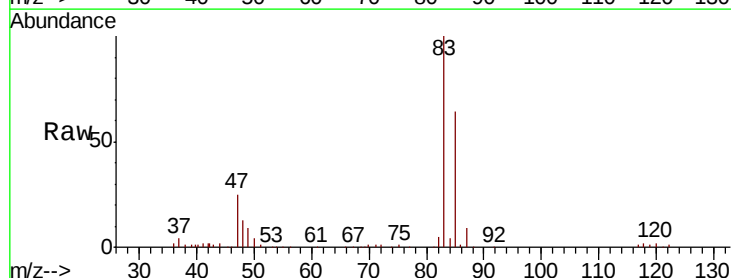
Acq: 10 Sep 2019 14:08

Tgt Ion: 83 Resp: 63512

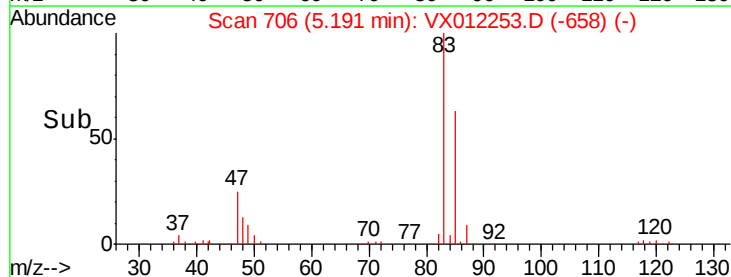
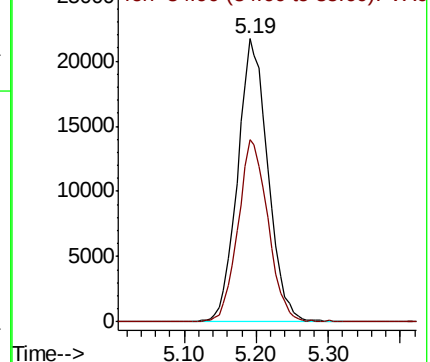
Ion Ratio Lower Upper

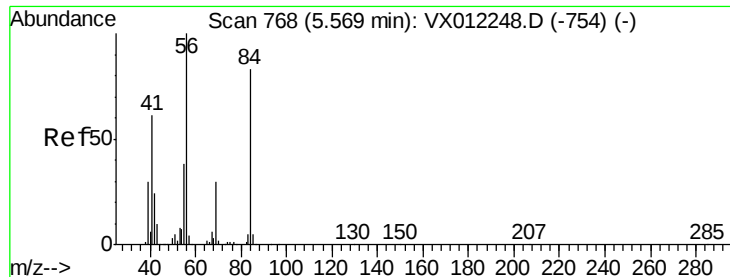
83 100

85 64.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

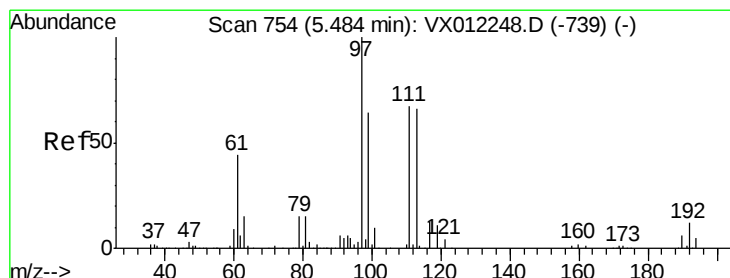
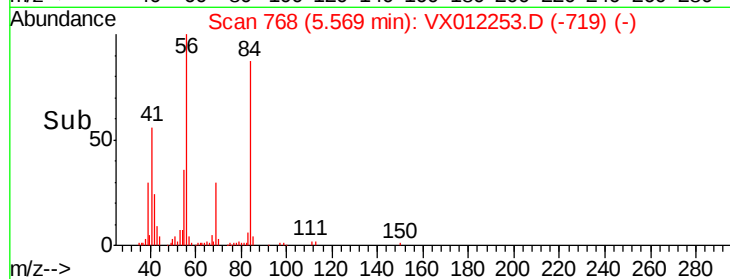
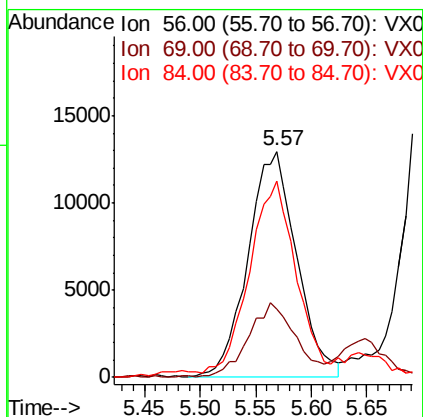
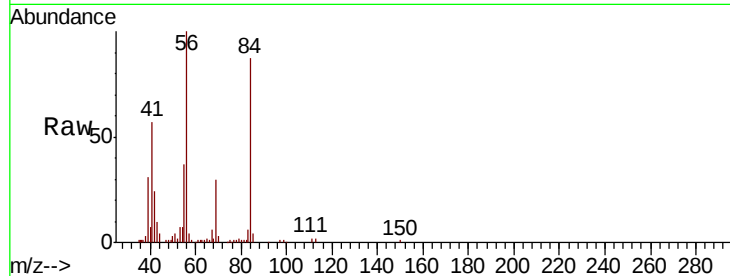




#31
Cyclohexane
Concen: 23.611 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

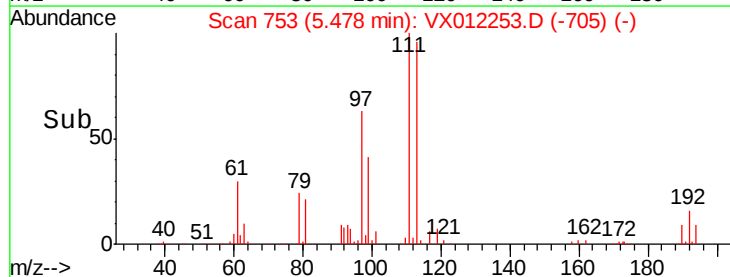
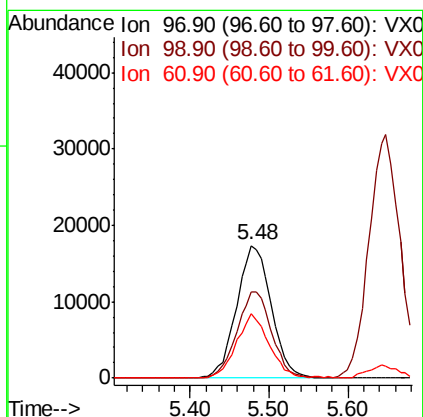
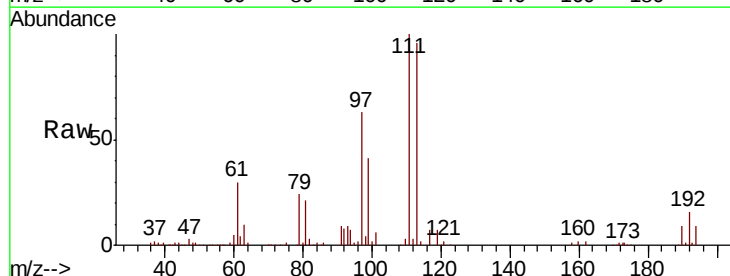
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

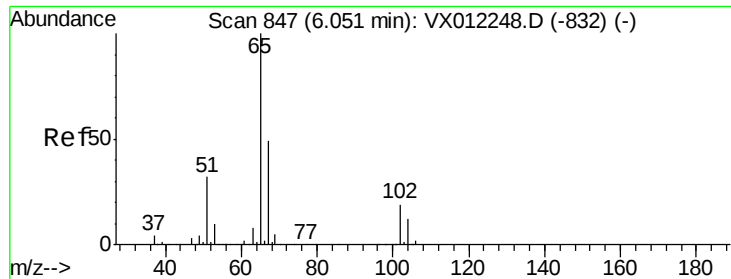
Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.8	35.6
84	84.1	66.6	100.0



#32
1,1,1-Trichloroethane
Concen: 22.780 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	45.6	35.4	53.0

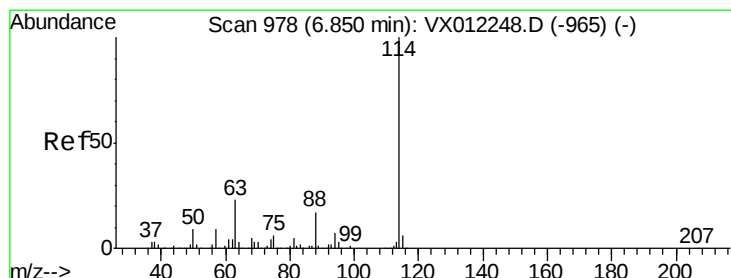
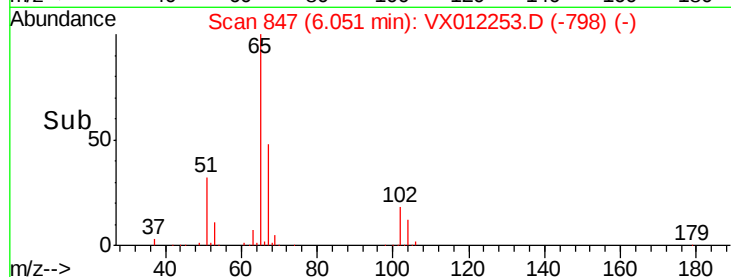
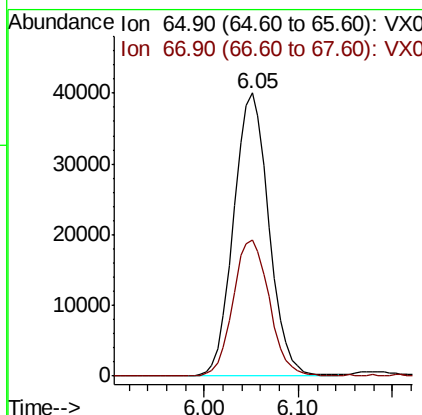
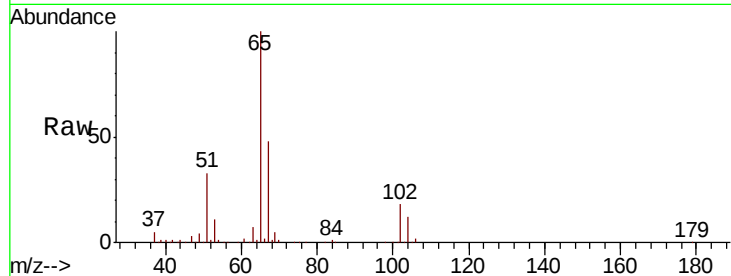




#33
 1,2-Dichloroethane-d4
 Concen: 58.317 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

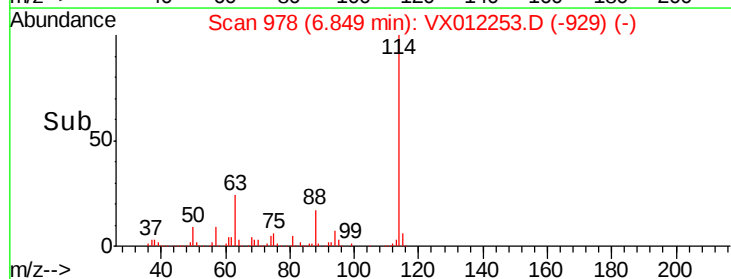
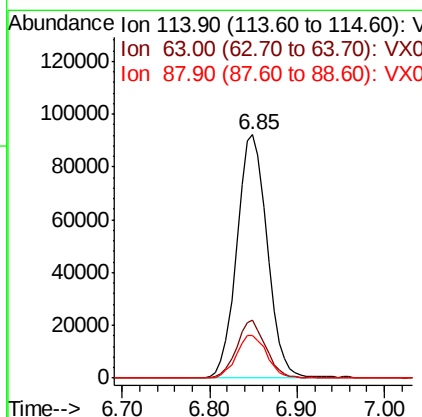
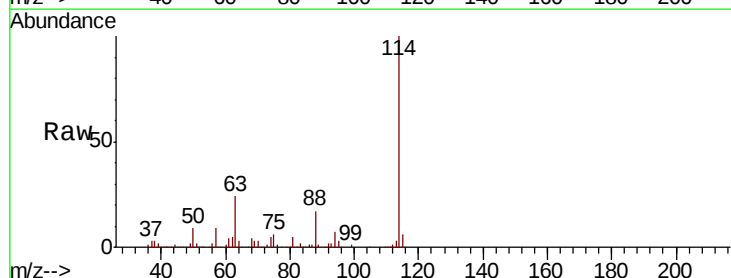
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

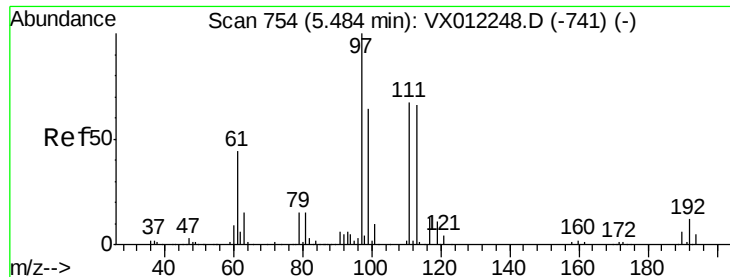
Tgt Ion: 65 Resp: 104756
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion: 114 Resp: 222884
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 45.2
 88 17.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 57.286 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

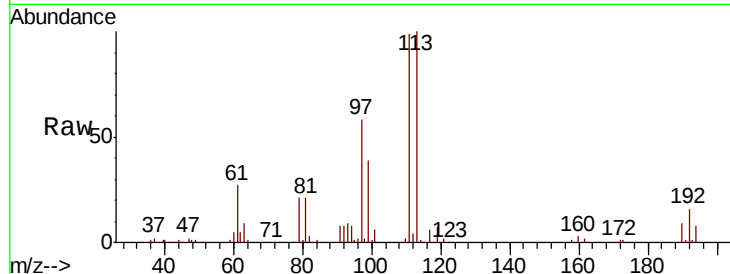
Tgt Ion:113 Resp: 81849

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

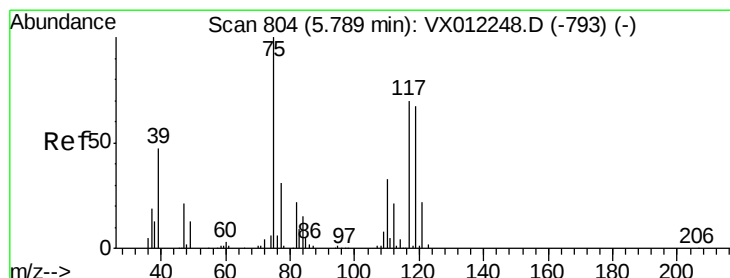
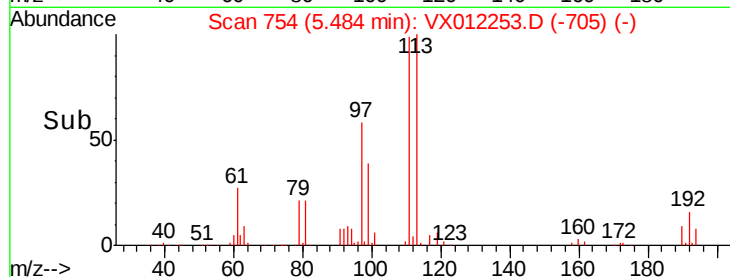
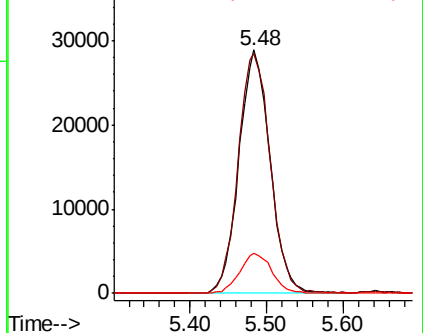
192 16.9 14.3 21.5



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: 23.887 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

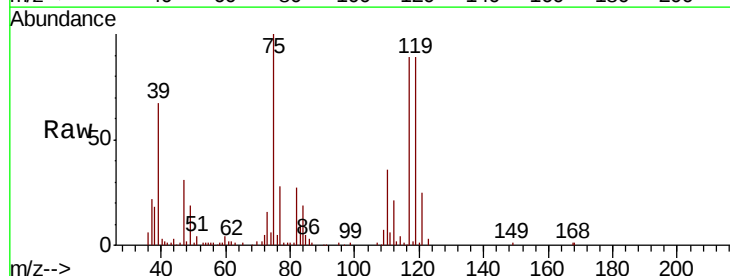
Tgt Ion: 75 Resp: 38821

Ion Ratio Lower Upper

75 100

110 35.0 16.8 50.4

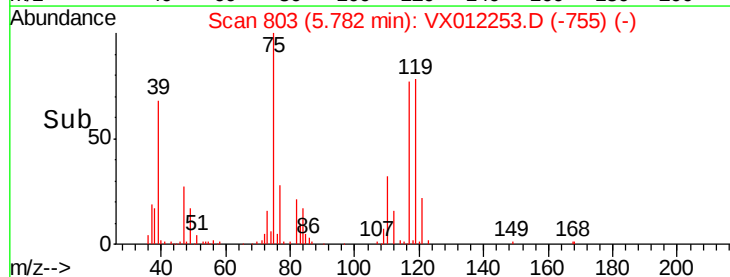
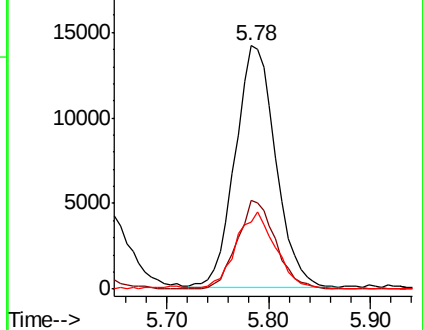
77 31.7 24.5 36.7

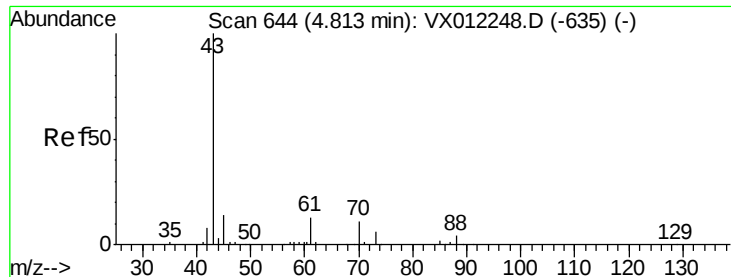


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

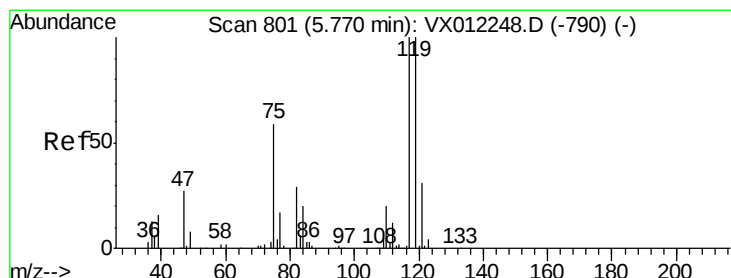
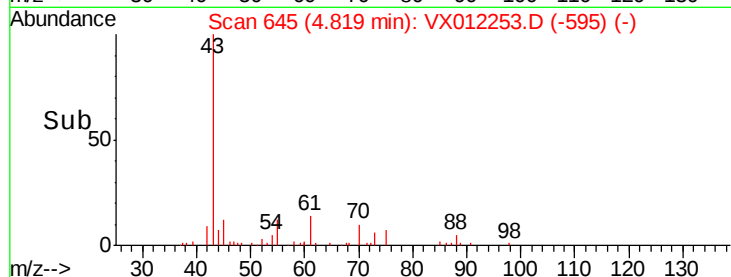
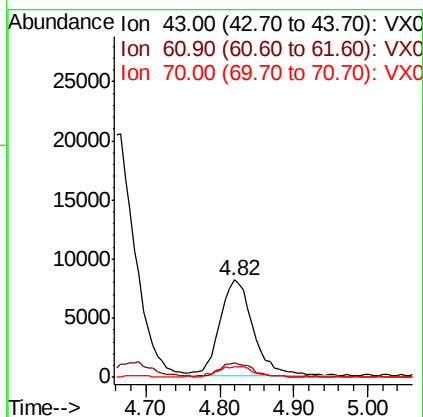
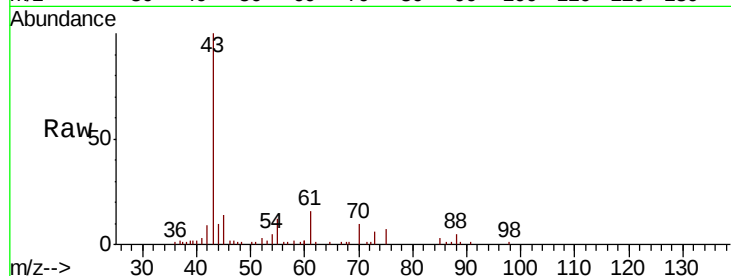




#37
Ethyl Acetate
Concen: 25.211 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

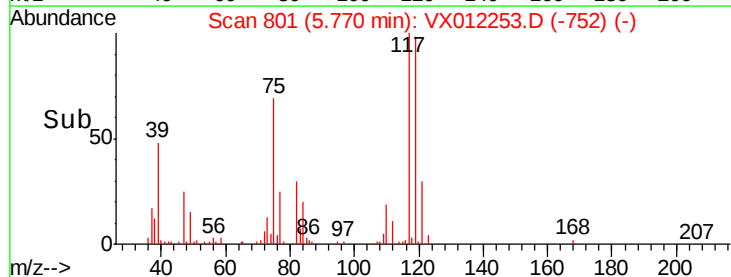
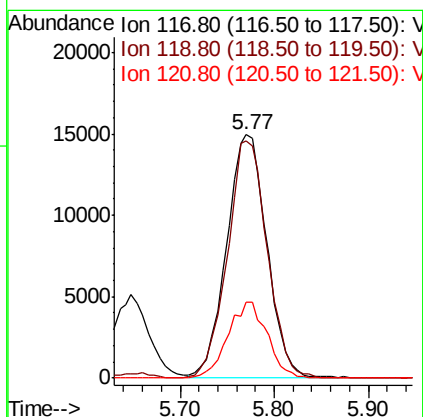
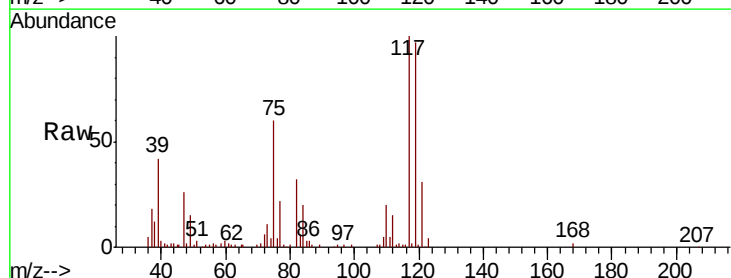
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

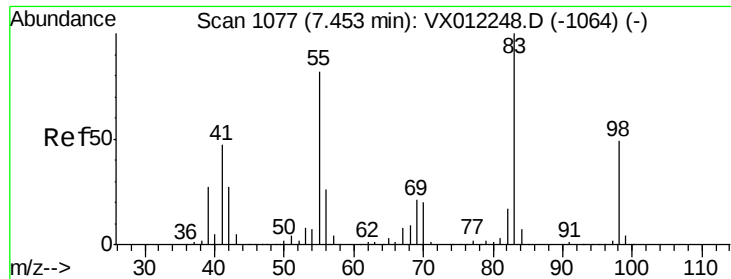
Tgt Ion: 43 Resp: 25328
Ion Ratio Lower Upper
43 100
61 13.6 10.3 15.5
70 12.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 23.356 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 117 Resp: 44535
Ion Ratio Lower Upper
117 100
119 97.3 79.6 119.4
121 31.0 24.7 37.1

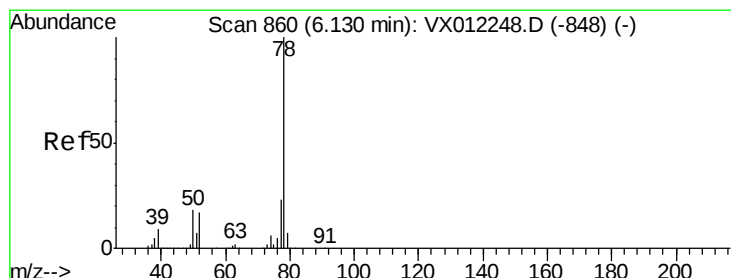
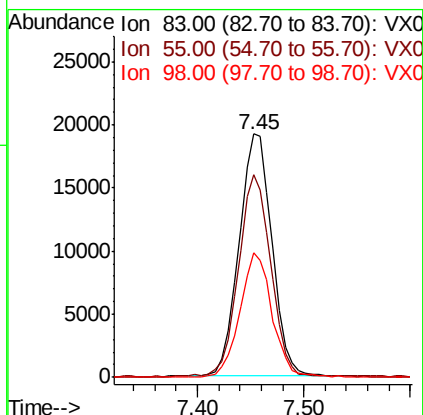
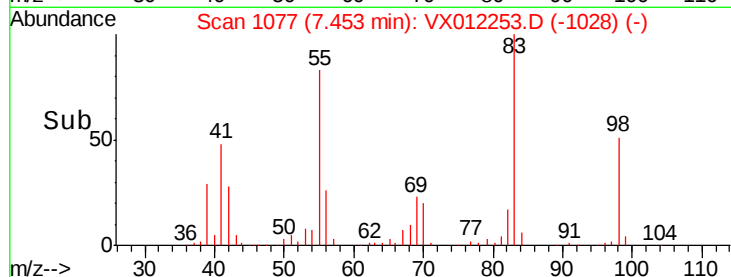
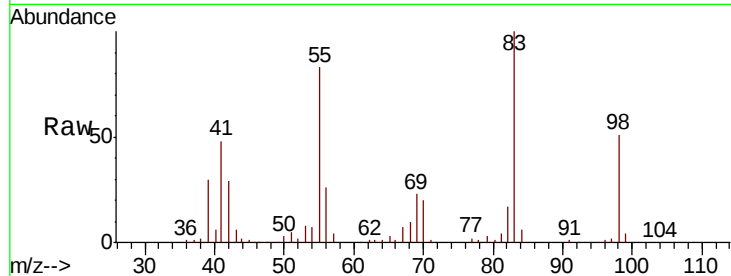




#39
Methylcyclohexane
Concen: 23.303 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

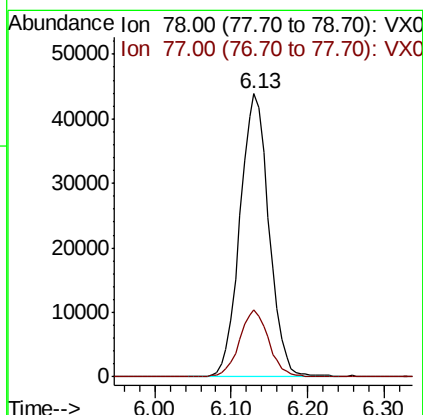
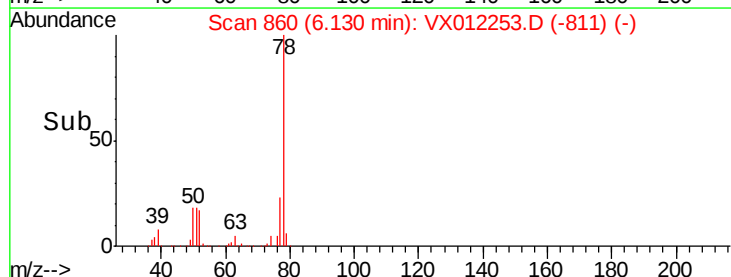
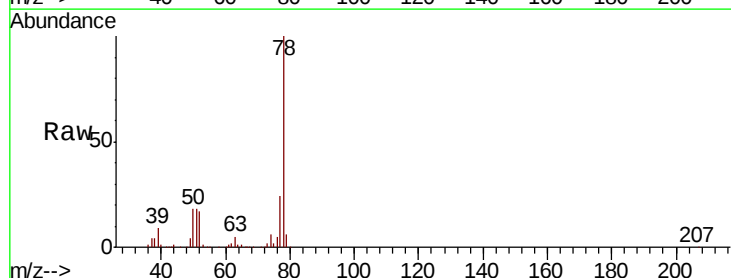
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

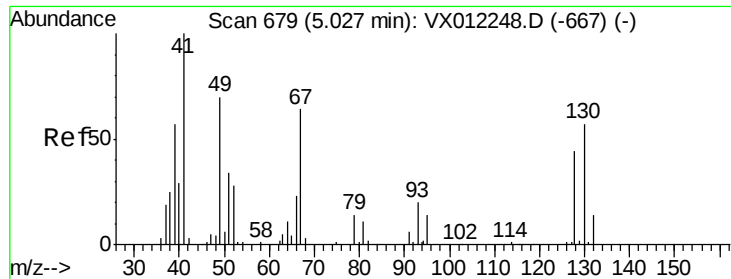
Tgt Ion: 83 Resp: 41561
Ion Ratio Lower Upper
83 100
55 83.0 65.4 98.2
98 51.3 39.6 59.4



#40
Benzene
Concen: 23.546 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 78 Resp: 115818
Ion Ratio Lower Upper
78 100
77 23.7 18.0 27.0





#41

Methacrylonitrile

Concen: 24.303 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

Tgt Ion: 41 Resp: 15052

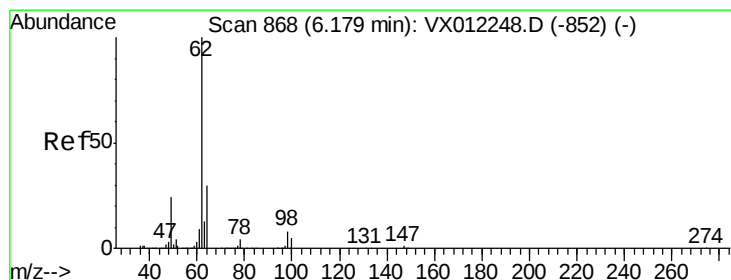
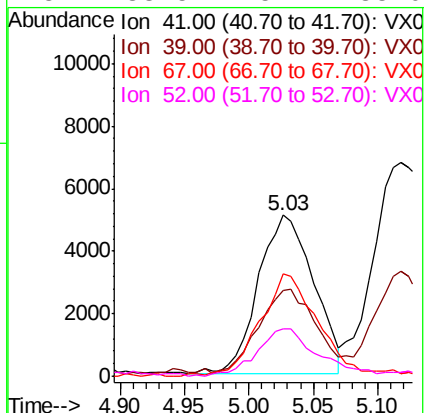
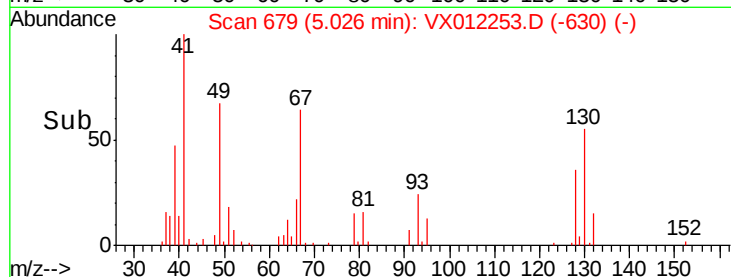
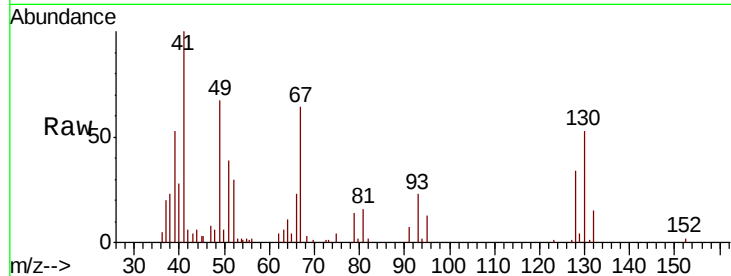
Ion Ratio Lower Upper

41 100

39 57.0 49.0 73.4

67 67.8 55.0 82.4

52 33.5 25.4 38.0



#42

1,2-Dichloroethane

Concen: 23.097 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012253.D

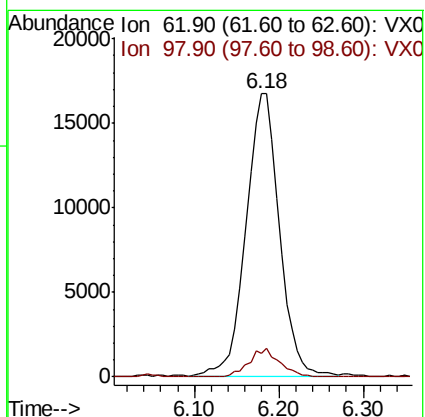
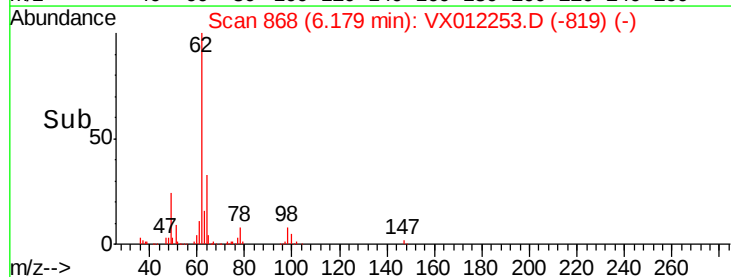
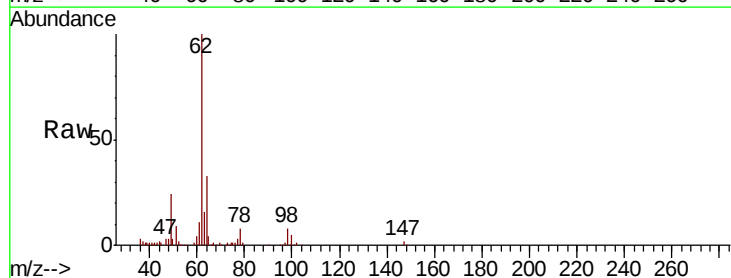
Acq: 10 Sep 2019 14:08

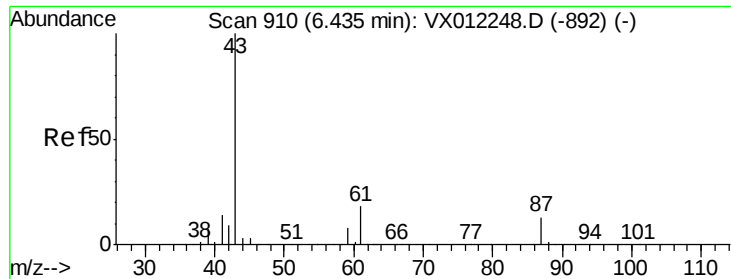
Tgt Ion: 62 Resp: 44903

Ion Ratio Lower Upper

62 100

98 9.3 0.0 17.2





#43

Isopropyl Acetate

Concen: 24.058 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

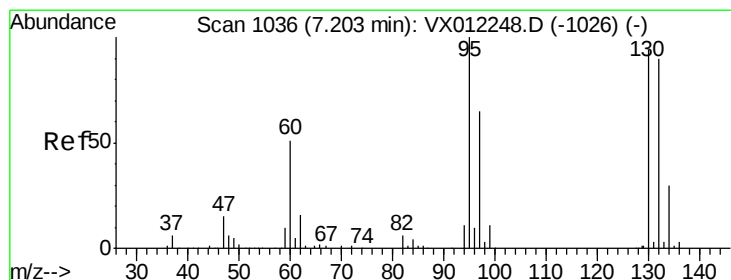
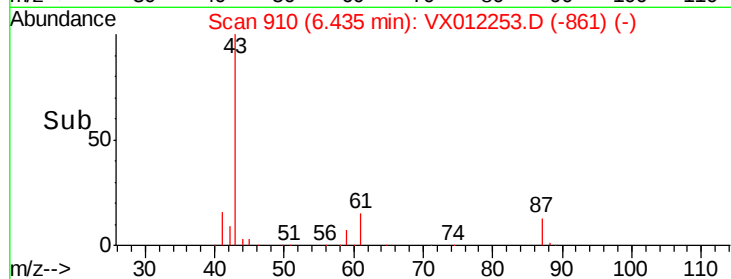
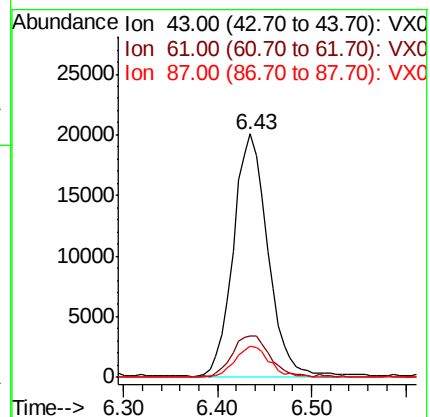
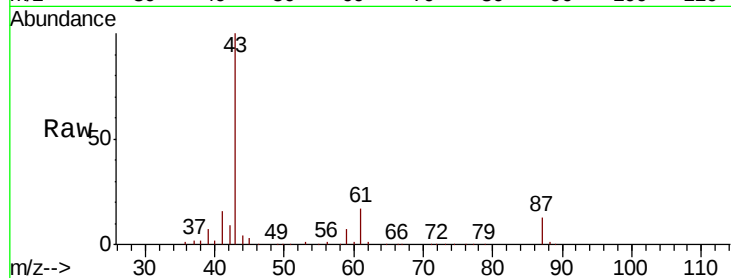
Tgt Ion: 43 Resp: 50956

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.2

87 13.2 10.5 15.7



#44

Trichloroethene

Concen: 23.532 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012253.D

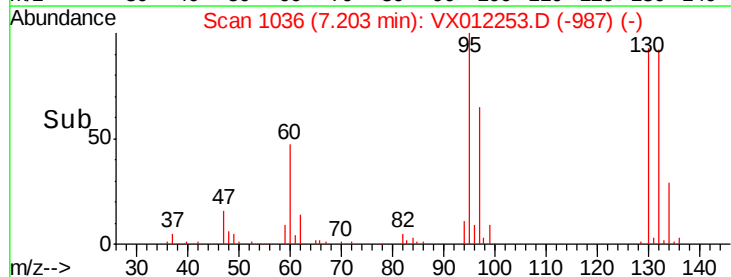
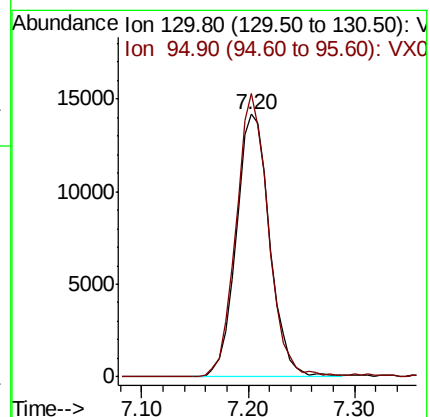
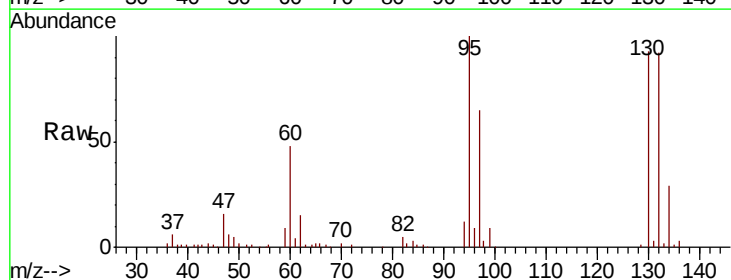
Acq: 10 Sep 2019 14:08

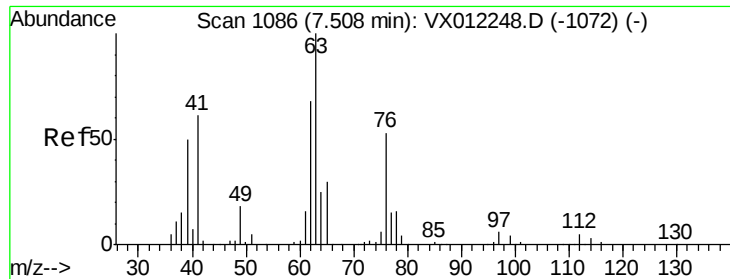
Tgt Ion: 130 Resp: 31325

Ion Ratio Lower Upper

130 100

95 107.7 0.0 212.0

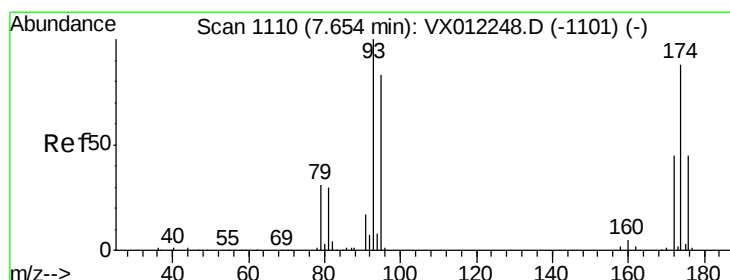
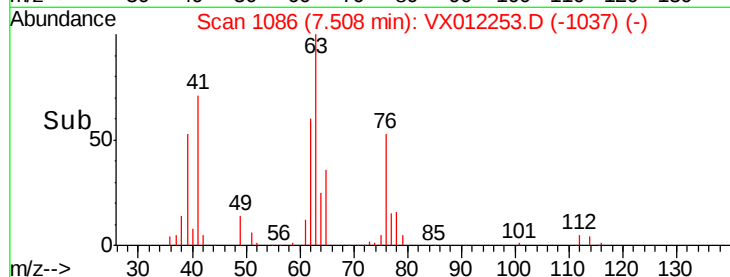
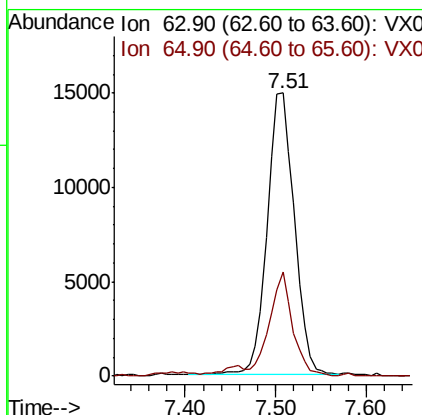
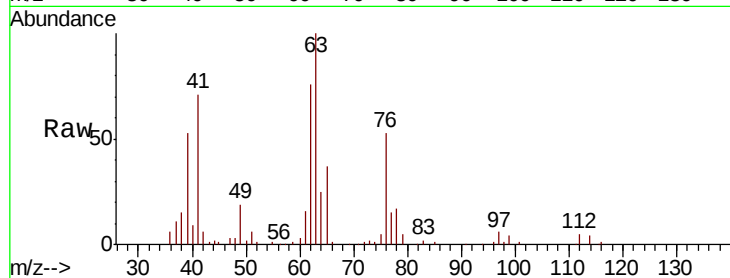




#45
 1,2-Dichloropropane
 Concen: 22.886 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

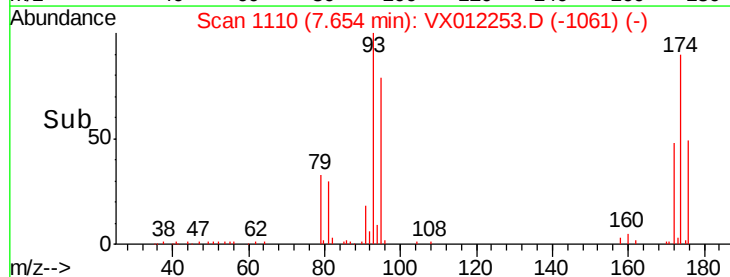
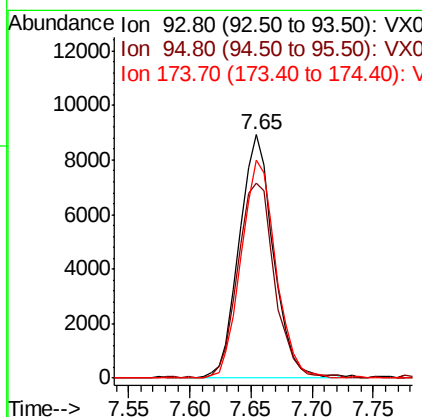
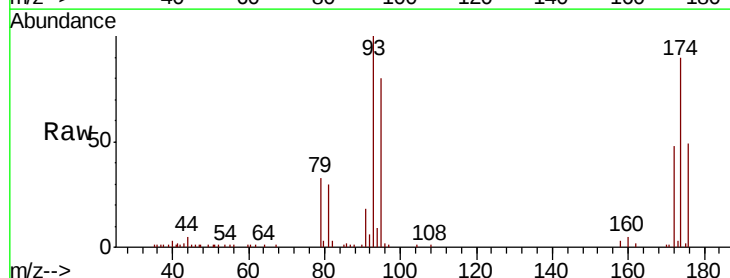
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

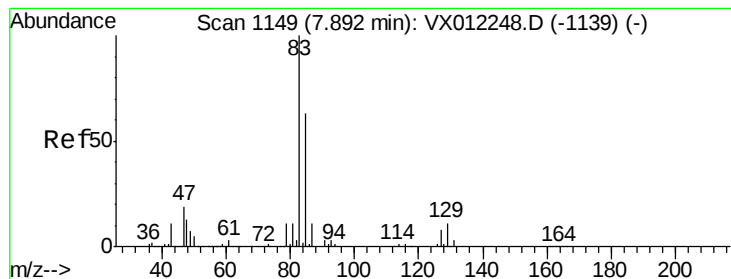
Tgt Ion: 63 Resp: 31160
 Ion Ratio Lower Upper
 63 100
 65 36.9 24.3 36.5#



#46
 Dibromomethane
 Concen: 23.279 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion: 93 Resp: 17322
 Ion Ratio Lower Upper
 93 100
 95 86.2 65.7 98.5
 174 90.7 71.0 106.4





#47

Bromodichloromethane

Concen: 22.828 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

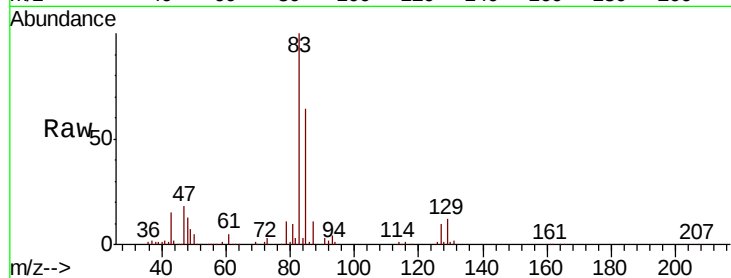
Tgt Ion: 83 Resp: 46357

Ion Ratio Lower Upper

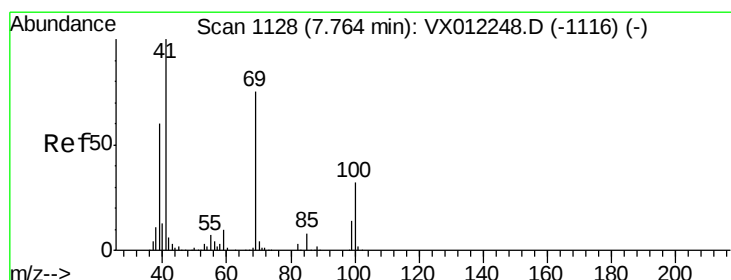
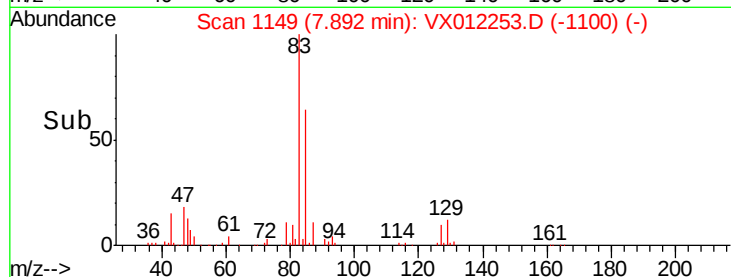
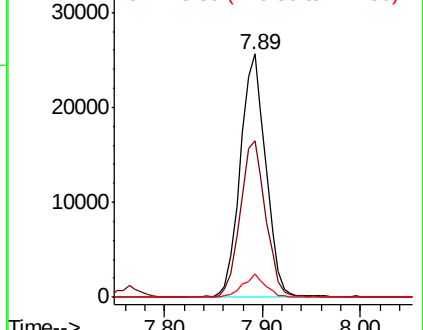
83 100

85 64.3 50.2 75.4

127 9.6 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 23.579 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

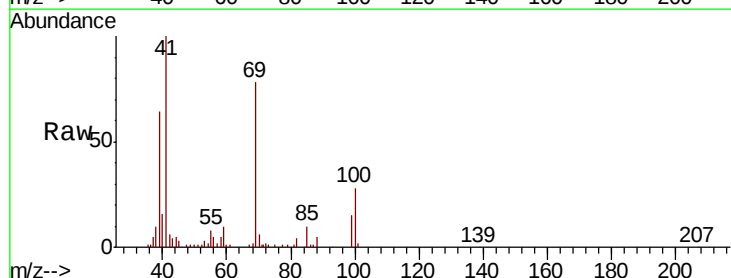
Tgt Ion: 41 Resp: 23905

Ion Ratio Lower Upper

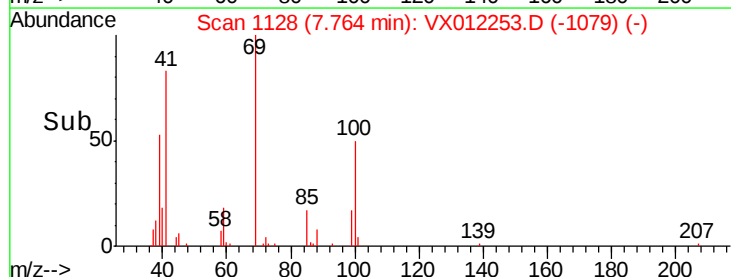
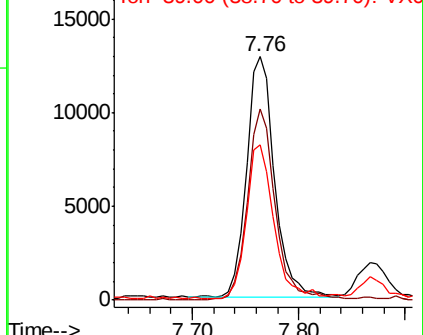
41 100

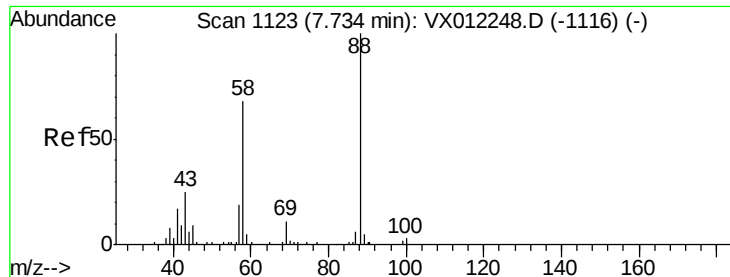
69 78.3 61.8 92.6

39 62.1 48.6 73.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

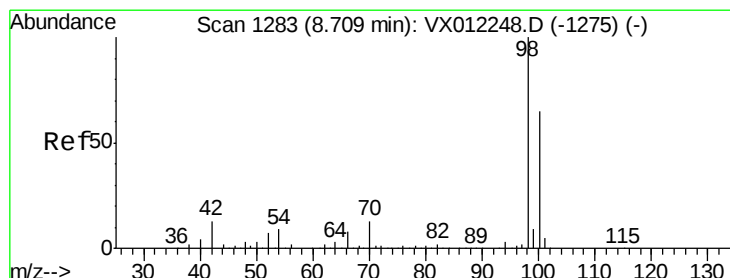
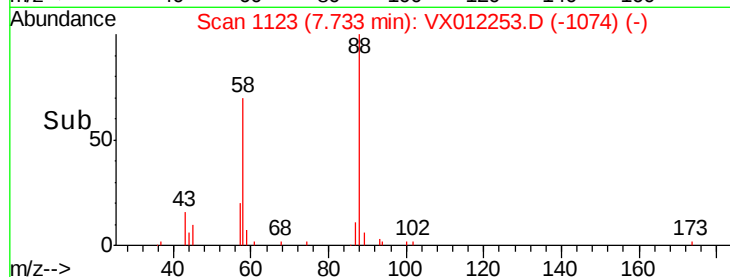
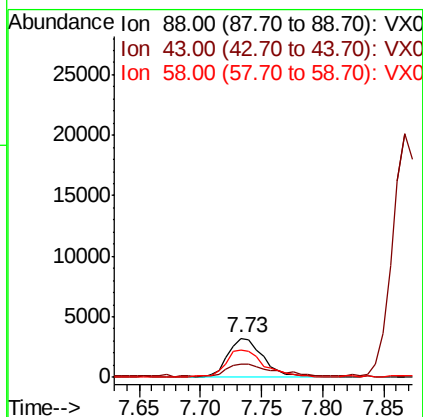
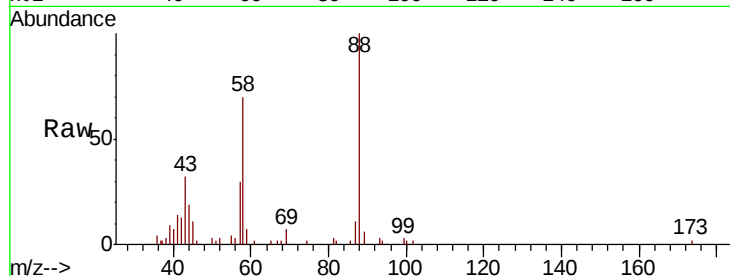




#49
1,4-Dioxane
Concen: 471.473 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

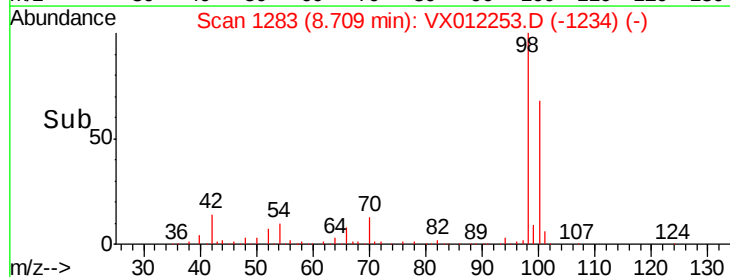
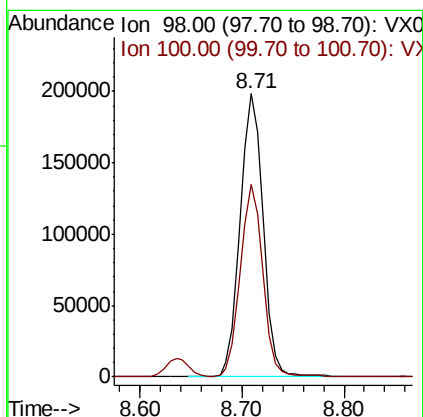
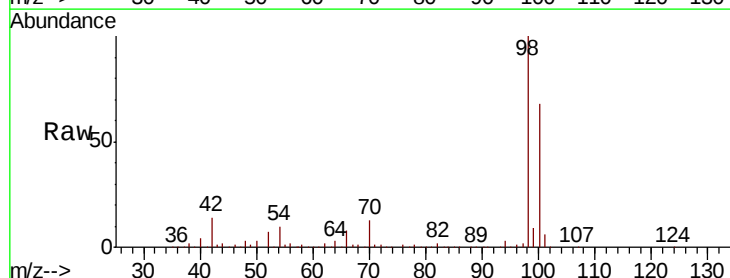
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

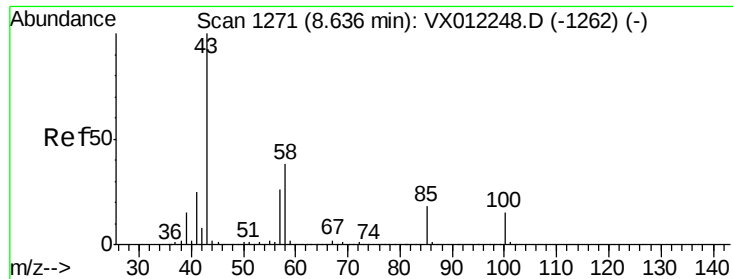
Tgt Ion: 88 Resp: 6450
Ion Ratio Lower Upper
88 100
43 40.0 31.0 46.4
58 76.7 61.5 92.3



#50
Toluene-d8
Concen: 61.583 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 98 Resp: 308609
Ion Ratio Lower Upper
98 100
100 67.1 54.1 81.1

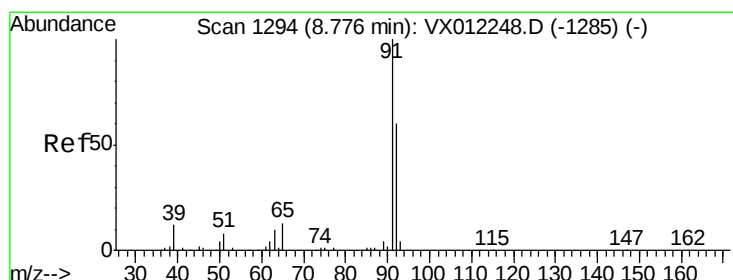
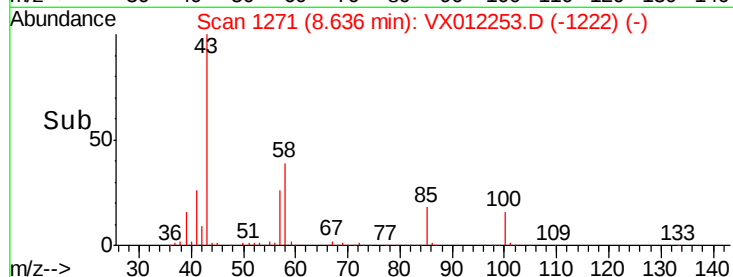
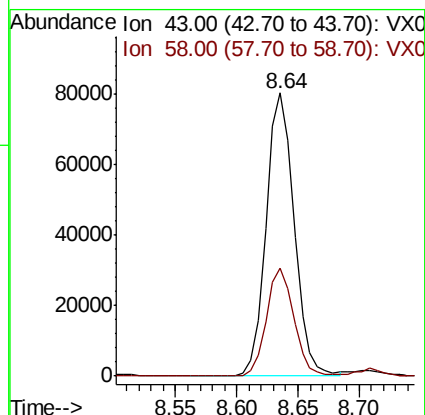
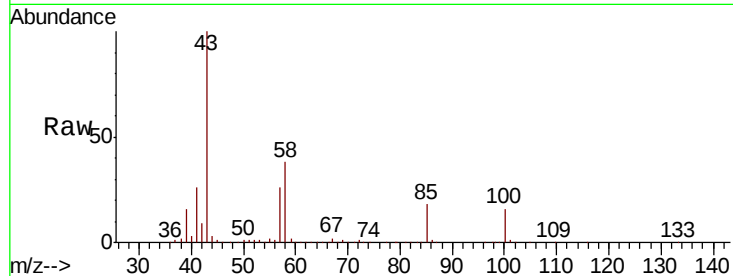




#51
 4-Methyl-2-Pentanone
 Concen: 114.498 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

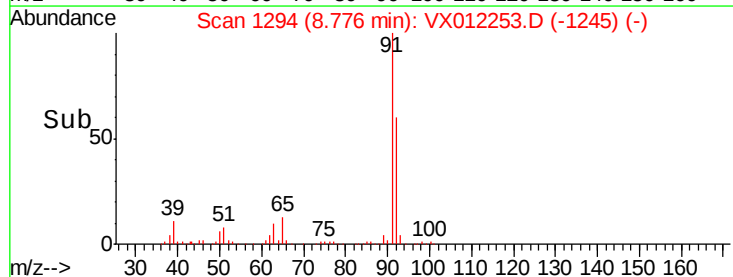
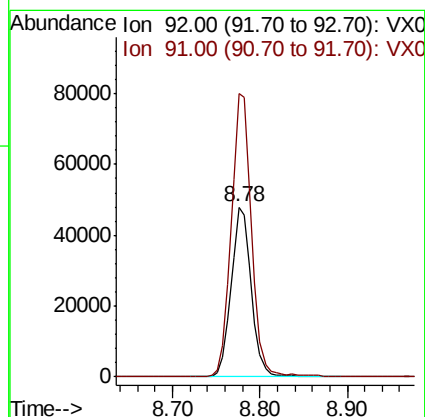
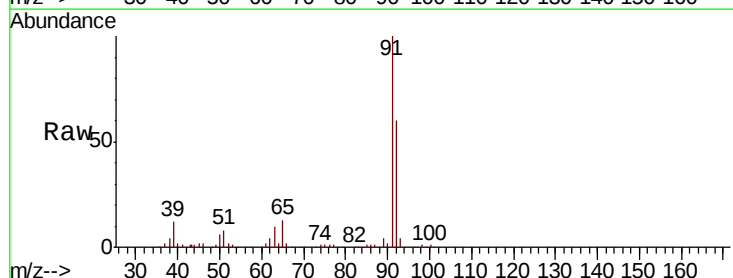
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

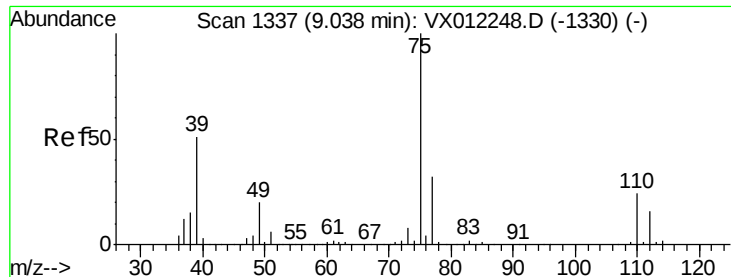
Tgt Ion: 43 Resp: 127994
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.1 45.1



#52
 Toluene
 Concen: 23.613 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion: 92 Resp: 76716
 Ion Ratio Lower Upper
 92 100
 91 168.7 133.6 200.4

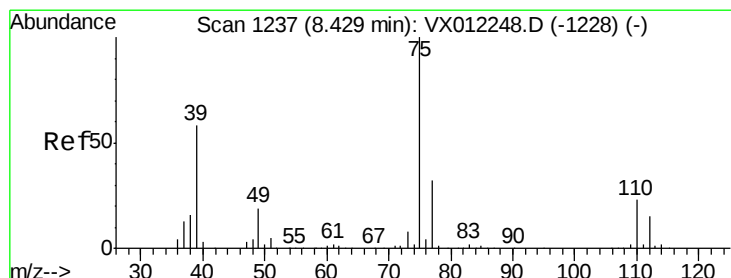
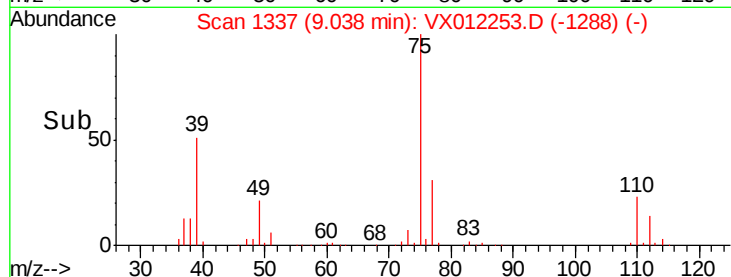
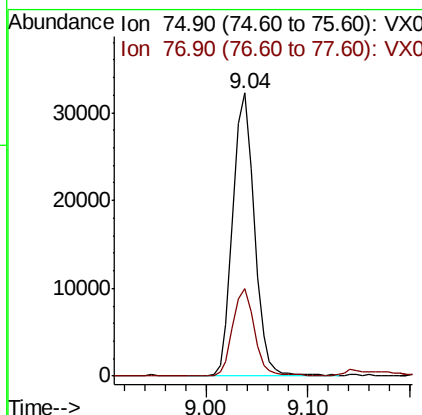
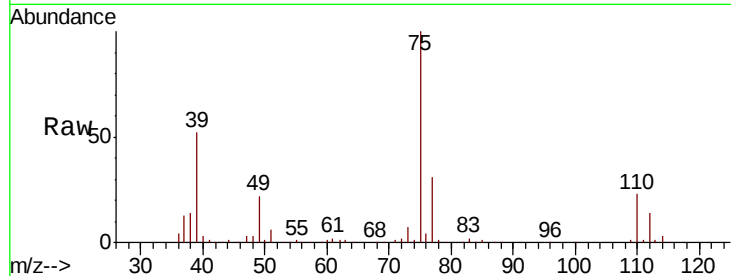




#53
 t-1,3-Dichloropropene
 Concen: 23.370 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

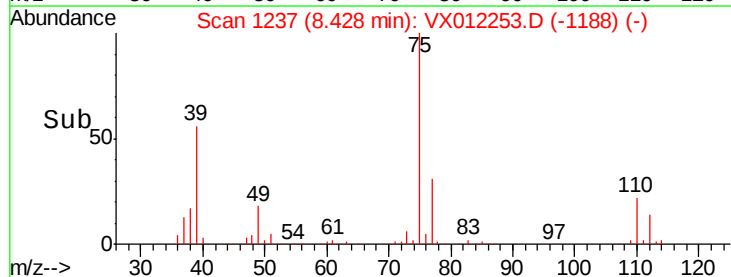
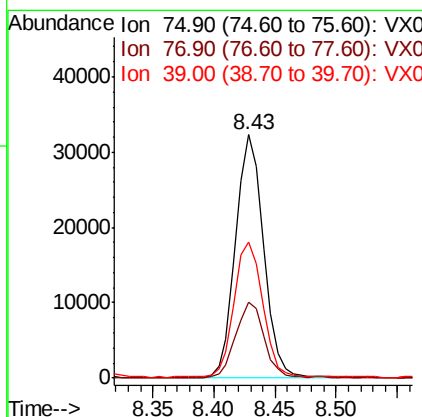
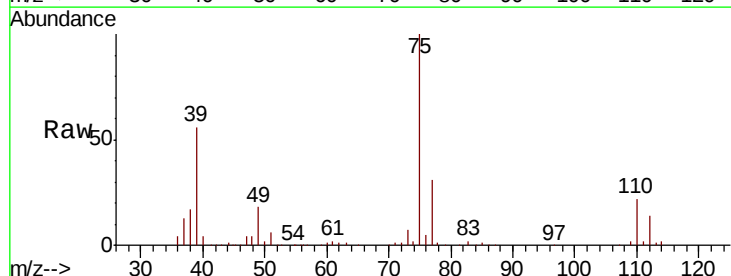
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

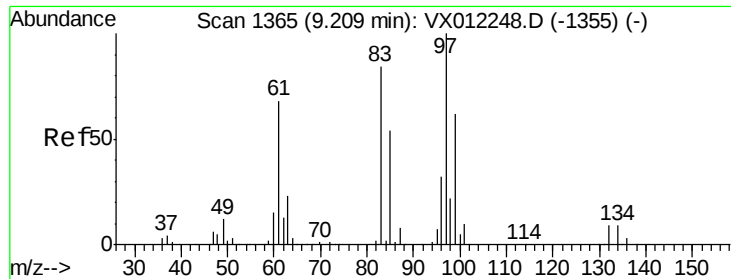
Tgt Ion: 75 Resp: 47366
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 22.965 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion: 75 Resp: 51613
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2
 39 55.3 46.5 69.7

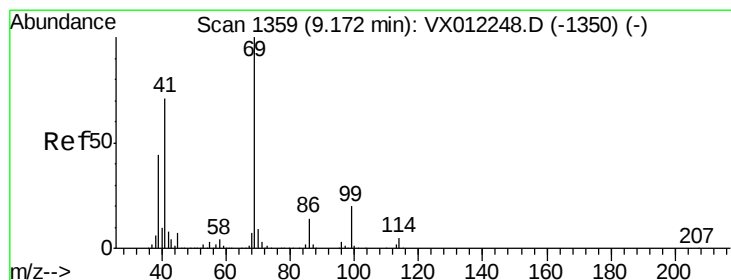
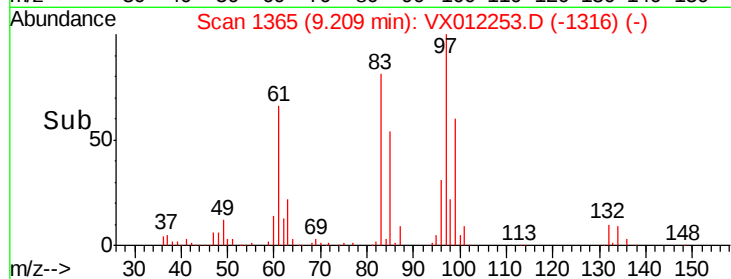
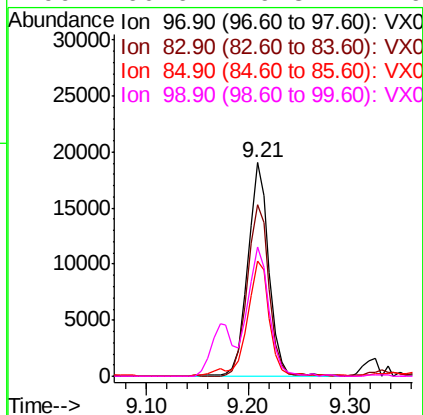
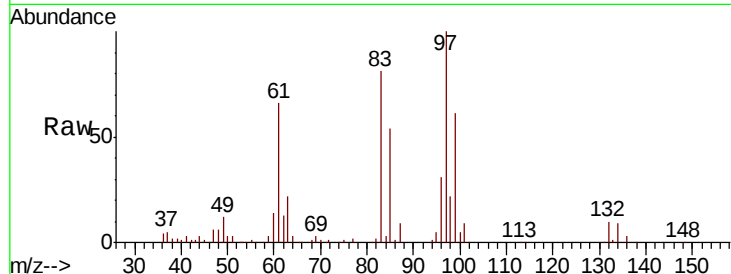




#55
 1,1,2-Trichloroethane
 Concen: 23.769 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

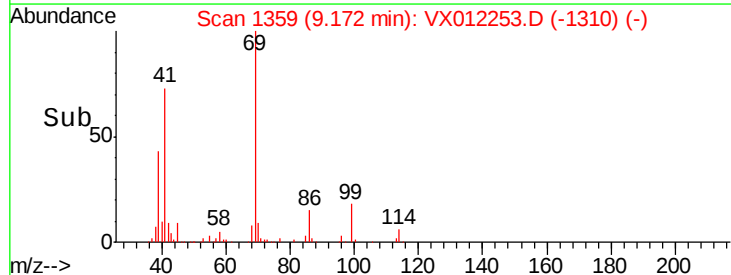
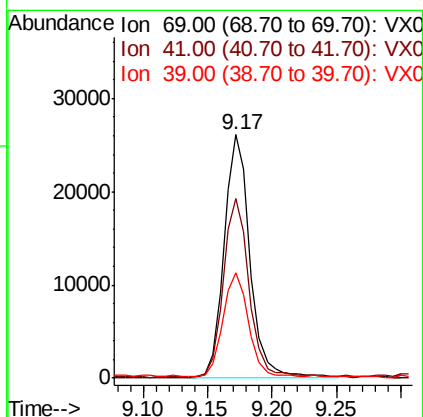
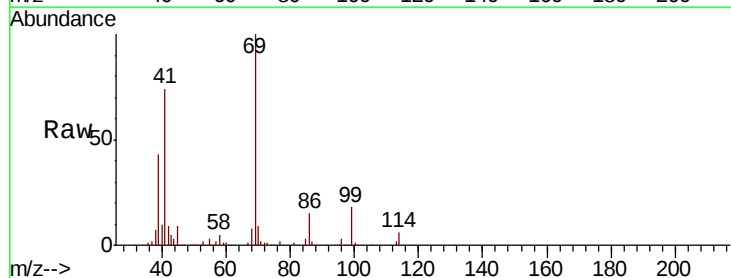
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

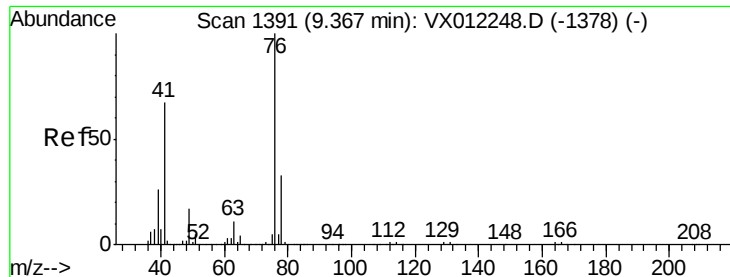
Tgt Ion:	97	Resp:	27401
Ion	Ratio	Lower	Upper
97	100		
83	80.6	67.4	101.2
85	53.8	43.4	65.2
99	60.6	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 23.468 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion:	69	Resp:	36631
Ion	Ratio	Lower	Upper
69	100		
41	73.5	57.7	86.5
39	42.4	34.0	51.0





#57

1,3-Dichloropropane

Concen: 23.423 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

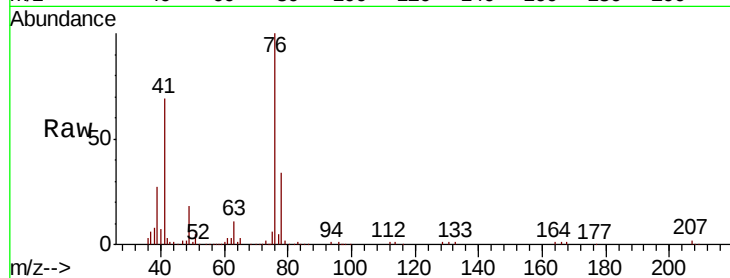
VX0910SBS01

Tgt Ion: 76 Resp: 46119

Ion Ratio Lower Upper

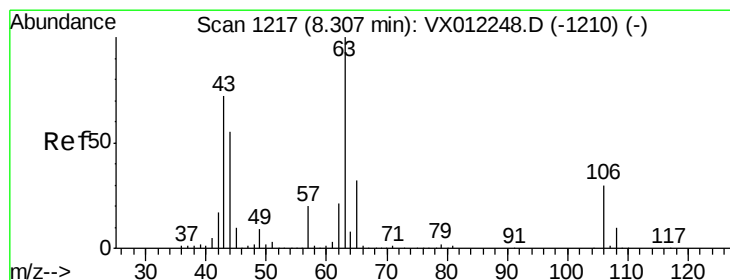
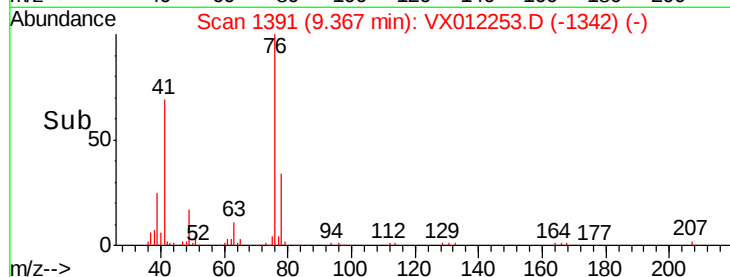
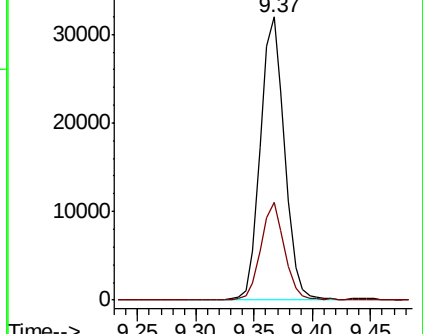
76 100

78 33.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 114.929 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012253.D

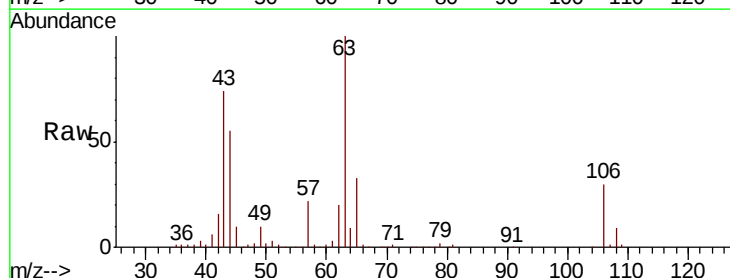
Acq: 10 Sep 2019 14:08

Tgt Ion: 63 Resp: 91944

Ion Ratio Lower Upper

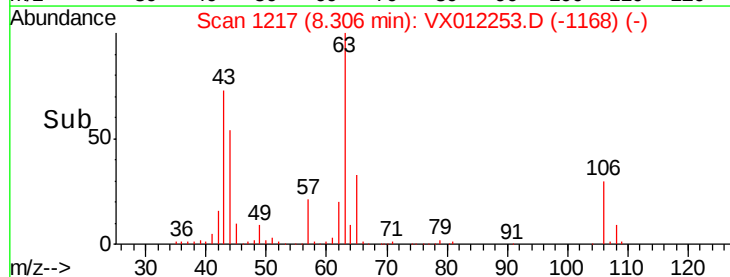
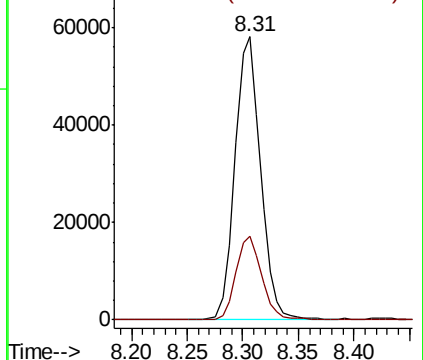
63 100

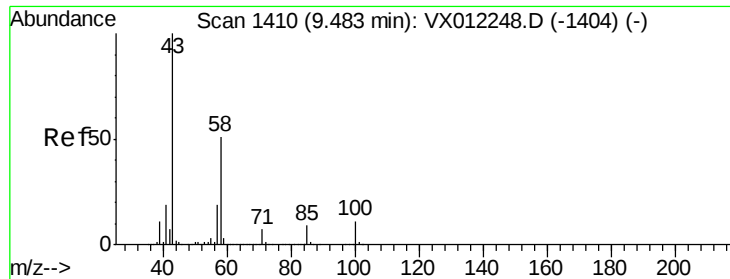
106 29.7 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

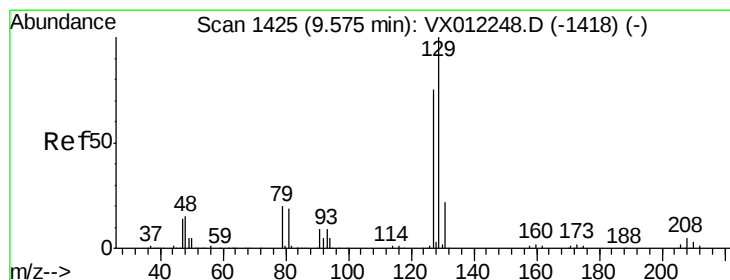
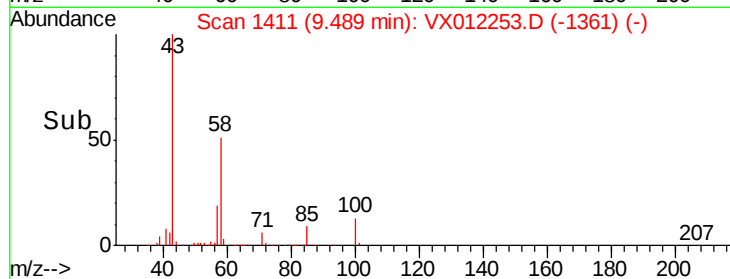
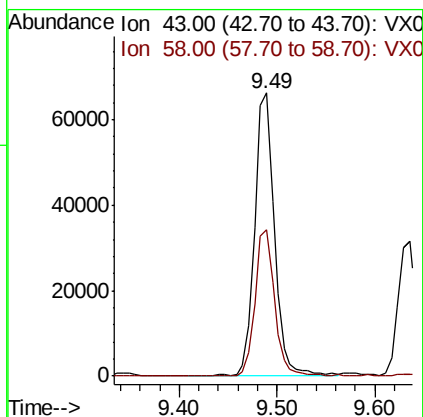
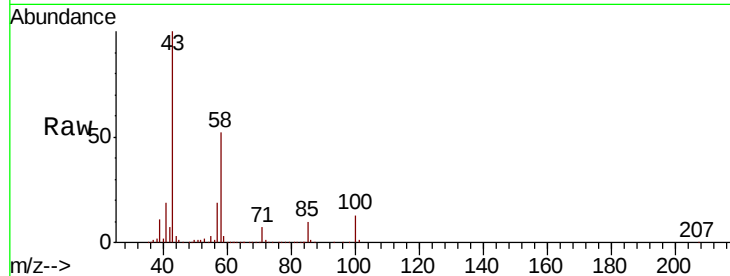




#59
2-Hexanone
Concen: 119.535 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

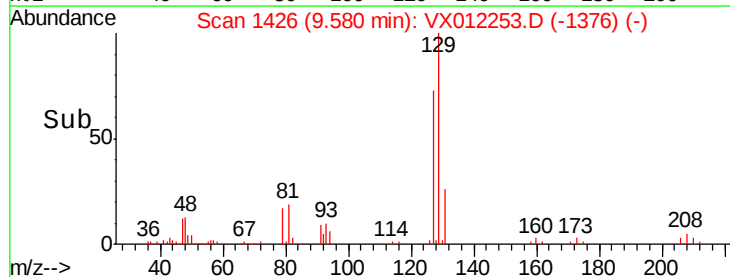
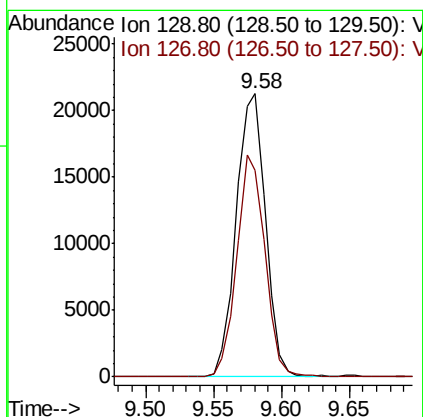
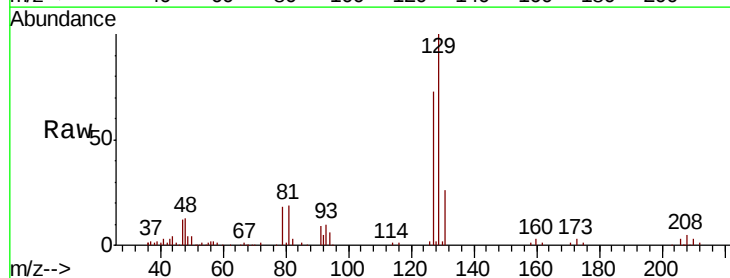
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

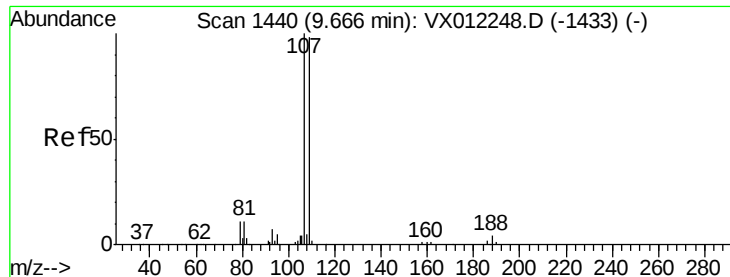
Tgt Ion: 43 Resp: 92910
Ion Ratio Lower Upper
43 100
58 51.5 25.8 77.3



#60
Dibromochloromethane
Concen: 23.736 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 129 Resp: 31944
Ion Ratio Lower Upper
129 100
127 75.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 23.453 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

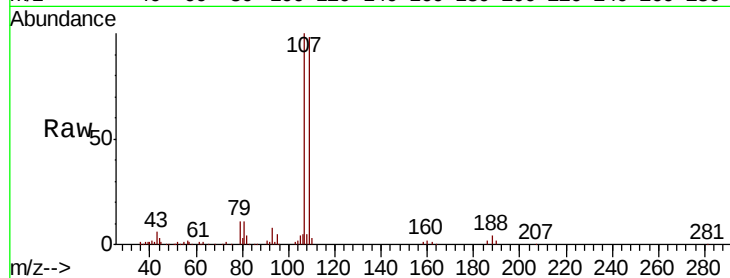
VX0910SBS01

Tgt Ion: 107 Resp: 25168

Ion Ratio Lower Upper

107 100

109 96.2 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

20000

15000

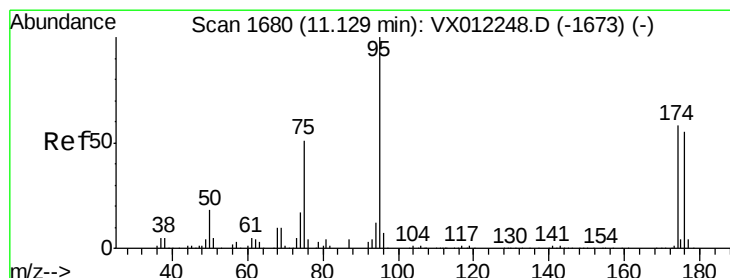
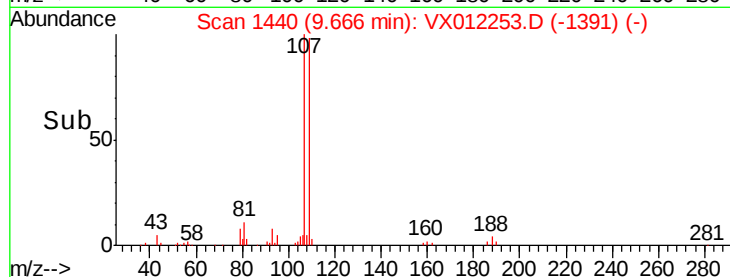
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 56.942 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

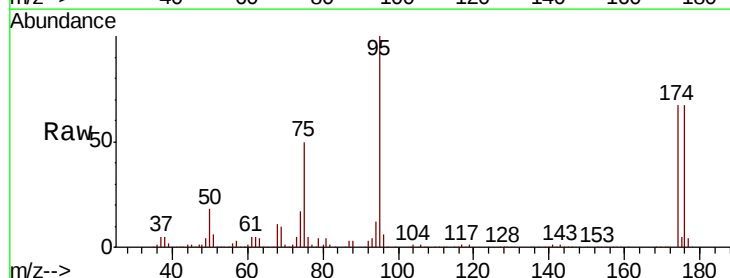
Tgt Ion: 95 Resp: 132288

Ion Ratio Lower Upper

95 100

174 64.5 0.0 127.0

176 63.3 0.0 125.8



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

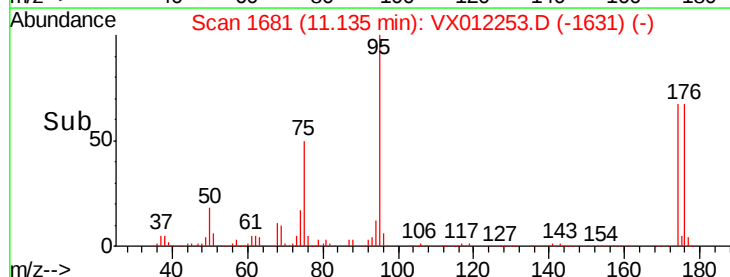
100000

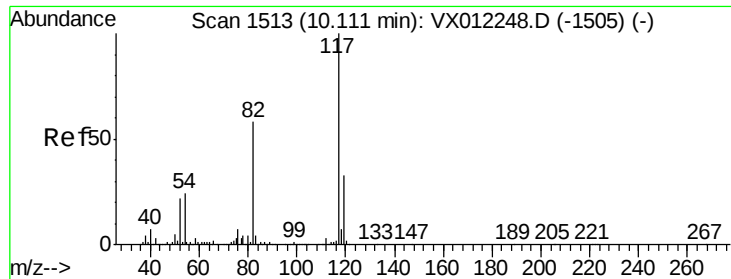
50000

0

11.10 11.14 11.20

Time-->

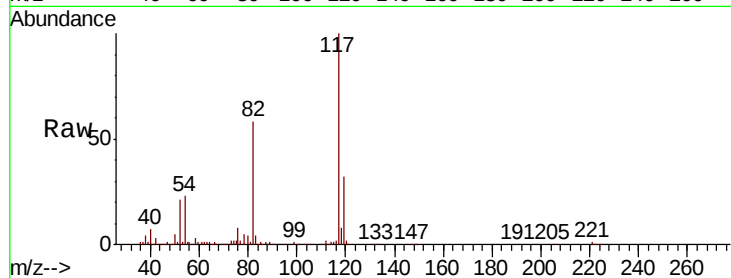




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.4	69.6
119	32.3	26.6	39.8

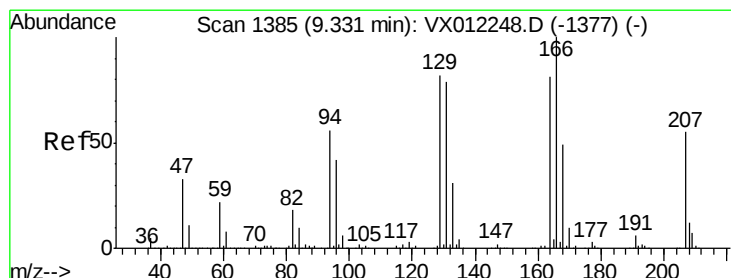
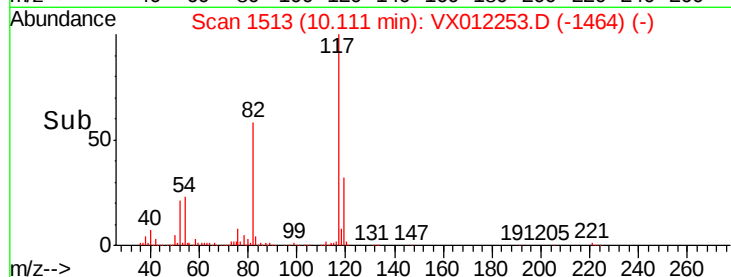
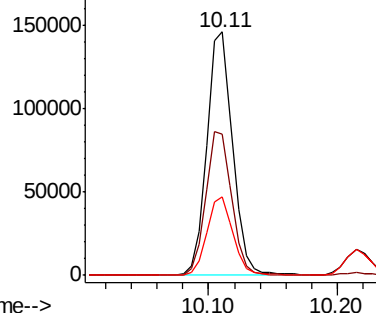


Abundance

Ion 116.90 (116.60 to 117.60): V

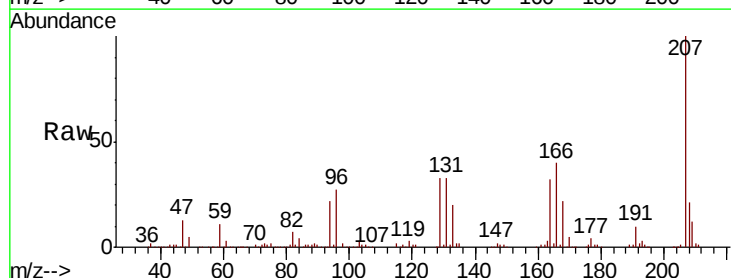
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 23.408 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	99.4	149.0
129	102.6	81.8	122.8
131	102.2	78.3	117.5



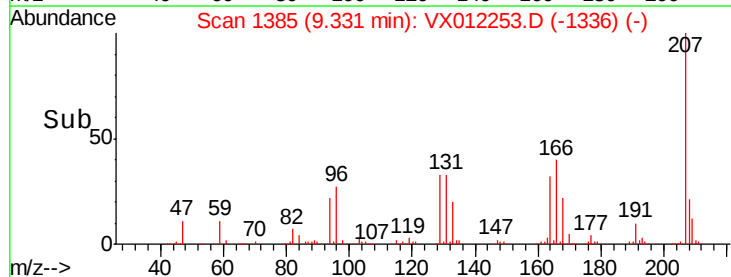
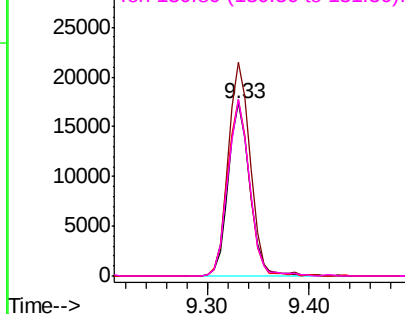
Abundance

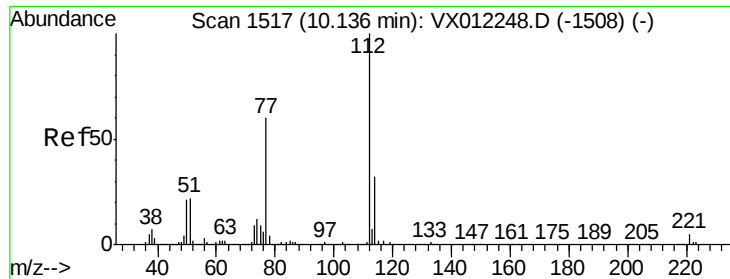
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 23.650 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

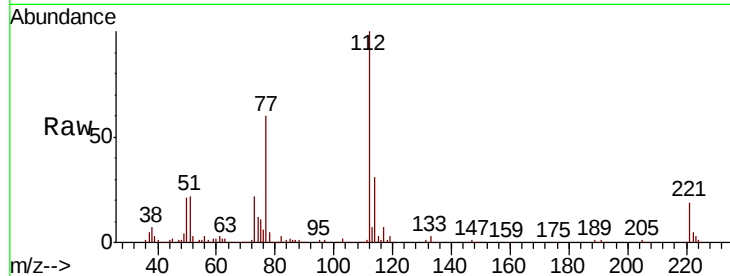
VX0910SBS01

Tgt Ion:112 Resp: 88283

Ion Ratio Lower Upper

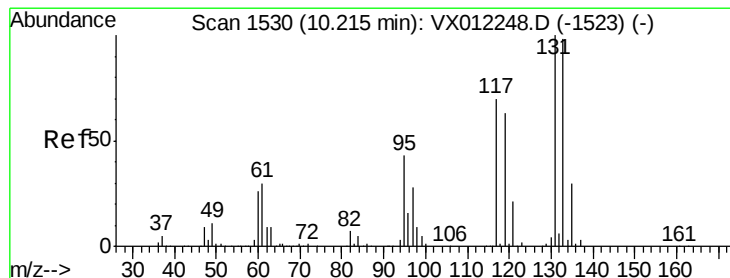
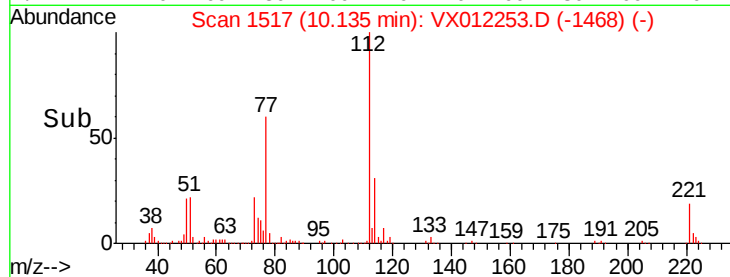
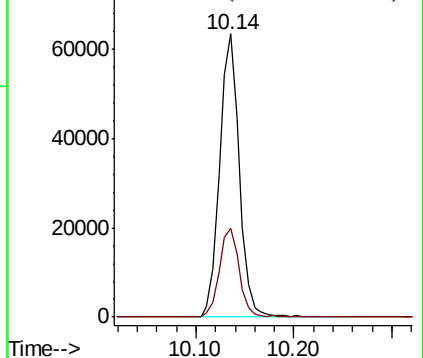
112 100

114 31.2 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: 23.172 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

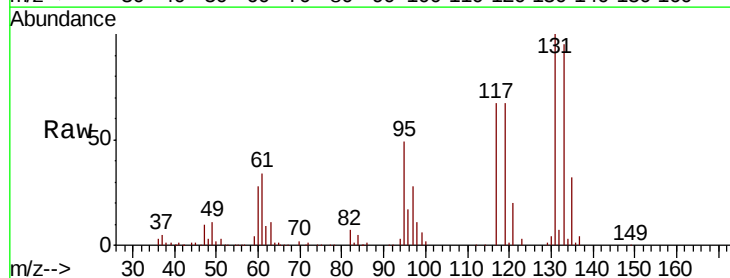
Tgt Ion:131 Resp: 32607

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

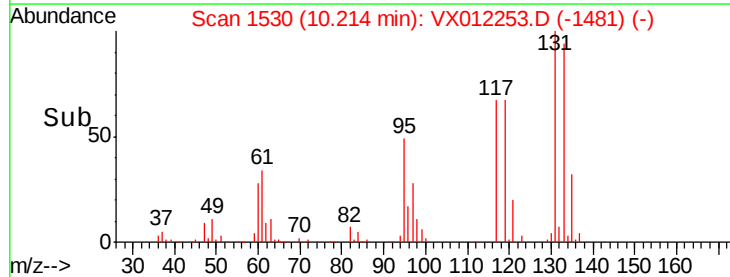
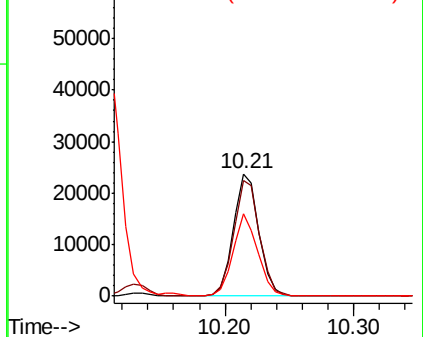
119 65.1 31.6 95.0

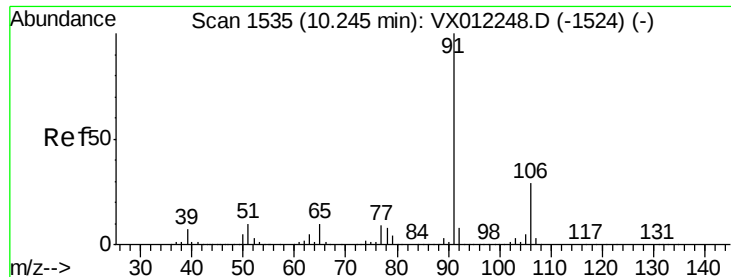


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

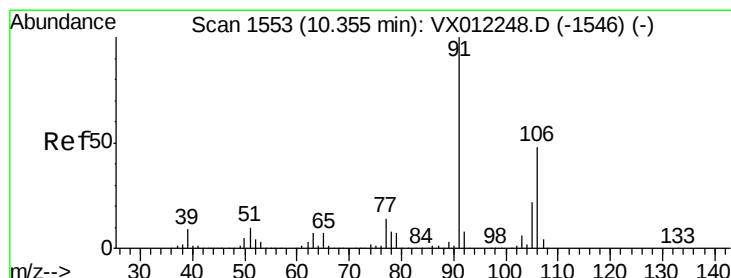
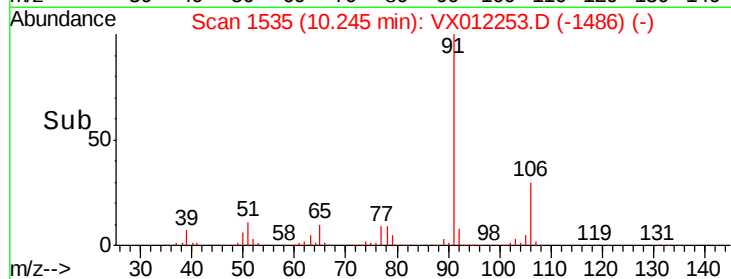
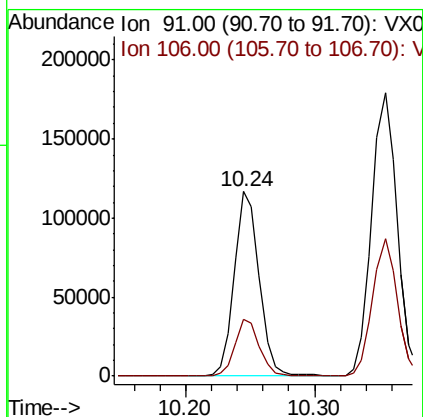
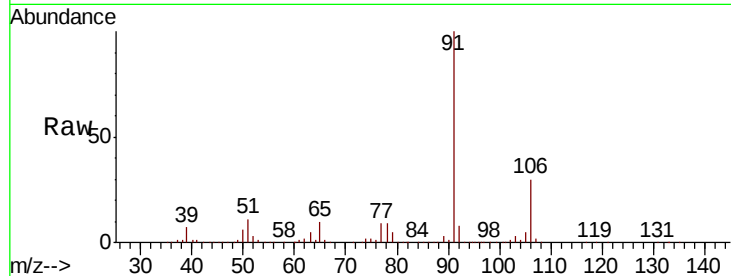




#67
Ethyl Benzene
Concen: 23.810 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

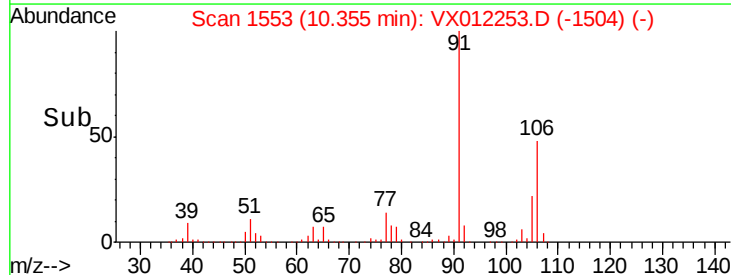
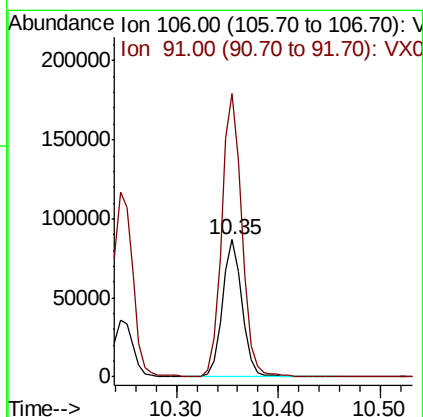
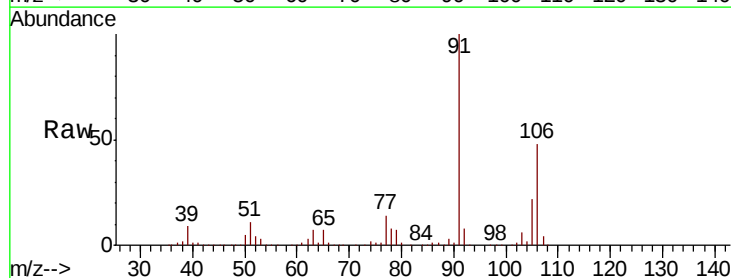
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

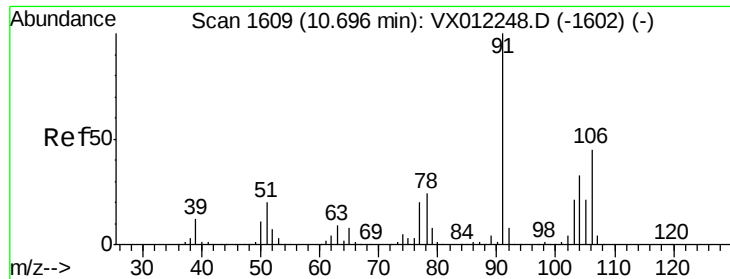
Tgt Ion: 91 Resp: 158080
Ion Ratio Lower Upper
91 100
106 30.5 23.1 34.7



#68
m/p-Xylenes
Concen: 47.931 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 106 Resp: 117143
Ion Ratio Lower Upper
106 100
91 210.2 167.0 250.6

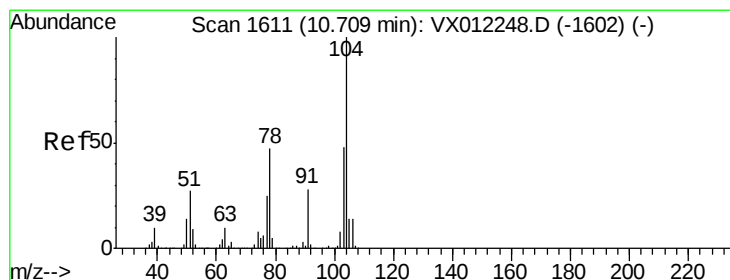
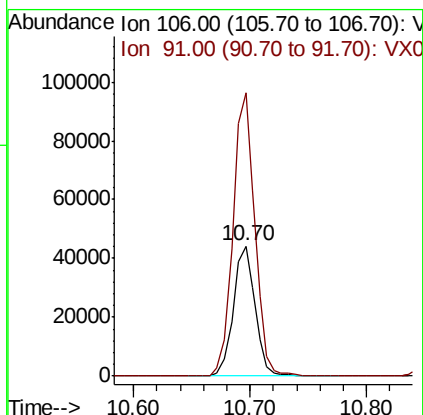
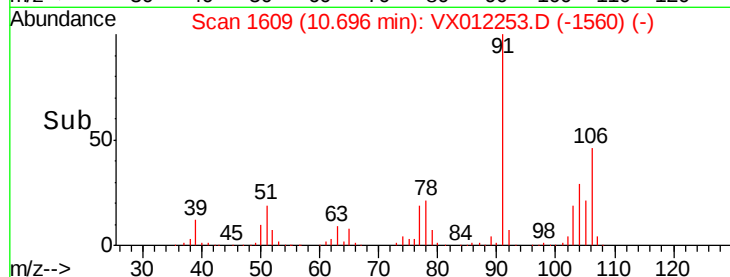
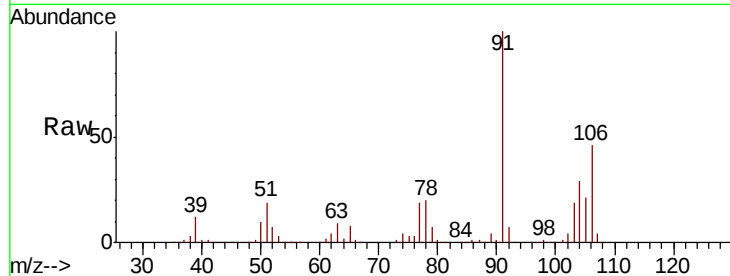




#69
o-Xylene
Concen: 23.989 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

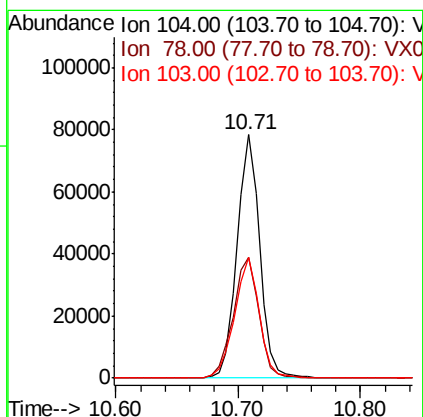
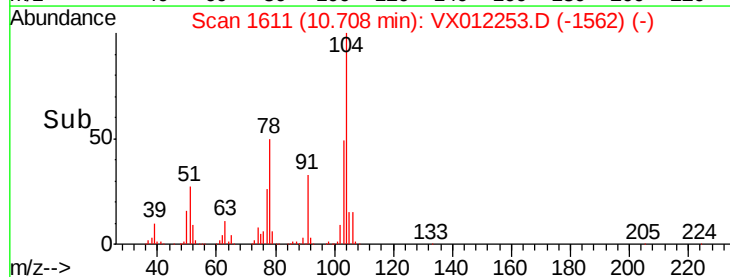
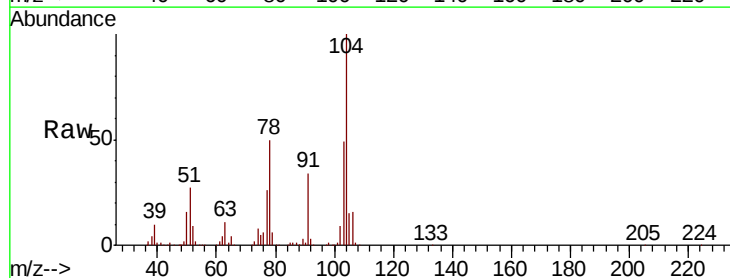
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

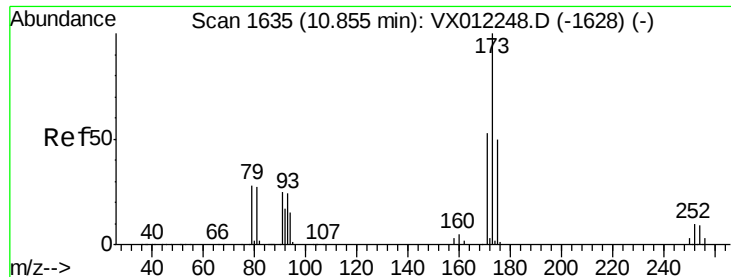
Tgt Ion:106 Resp: 57434
Ion Ratio Lower Upper
106 100
91 219.1 110.5 331.4



#70
Styrene
Concen: 23.587 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion:104 Resp: 100150
Ion Ratio Lower Upper
104 100
78 56.2 44.2 66.2
103 53.7 42.5 63.7





#71

Bromoform

Concen: 22.178 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

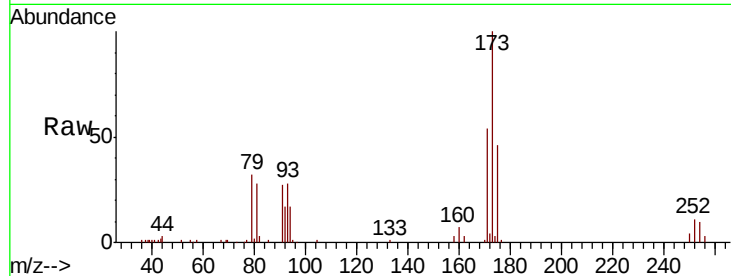
Tgt Ion:173 Resp: 16183

Ion Ratio Lower Upper

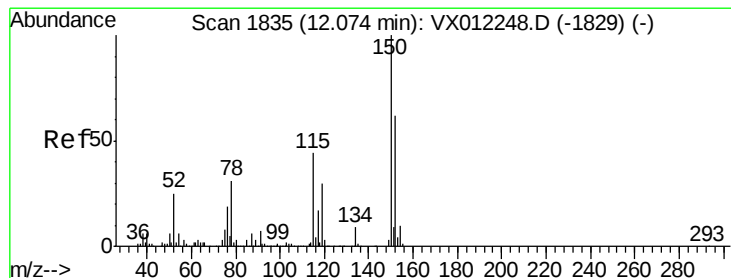
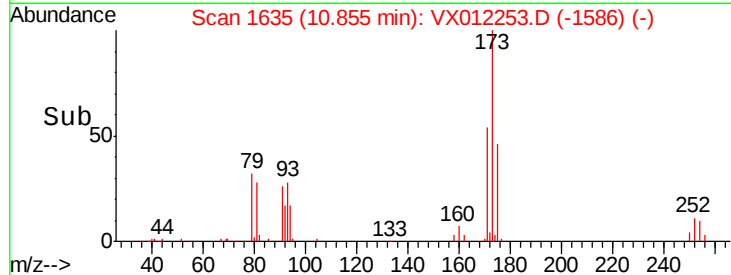
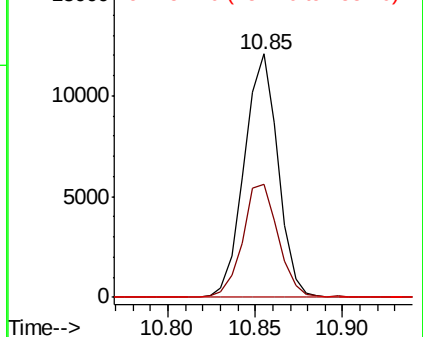
173 100

175 48.7 24.5 73.5

254 0.0 0.2 0.4#



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: VX012253.D

Acq: 10 Sep 2019 14:08

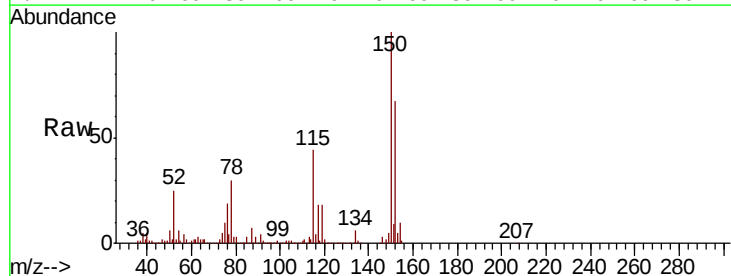
Tgt Ion:152 Resp: 101921

Ion Ratio Lower Upper

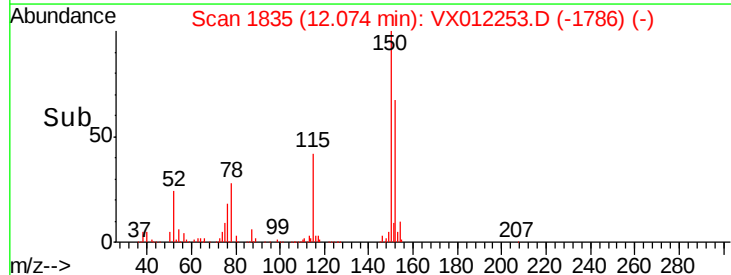
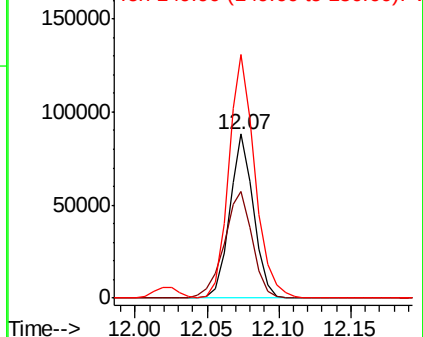
152 100

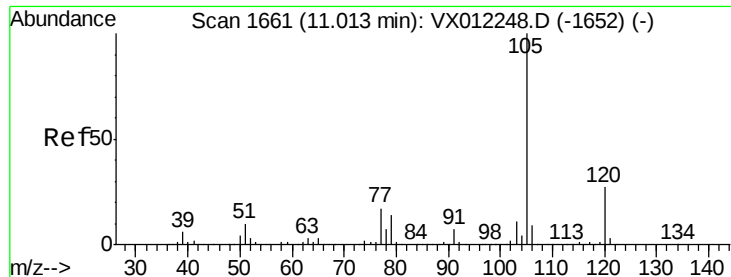
115 77.1 45.5 136.4

150 162.5 0.0 346.4



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: 23.435 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

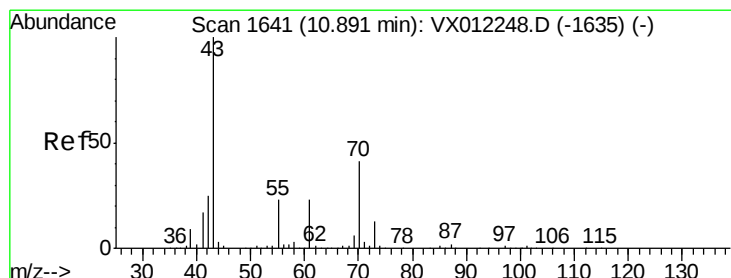
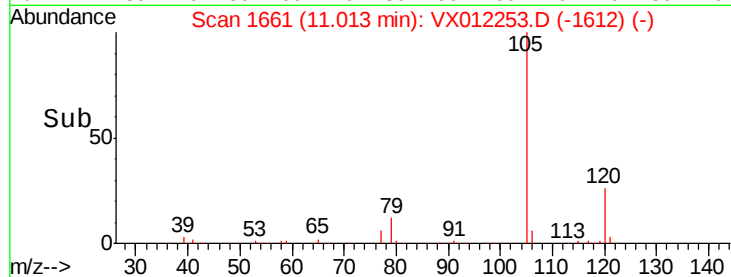
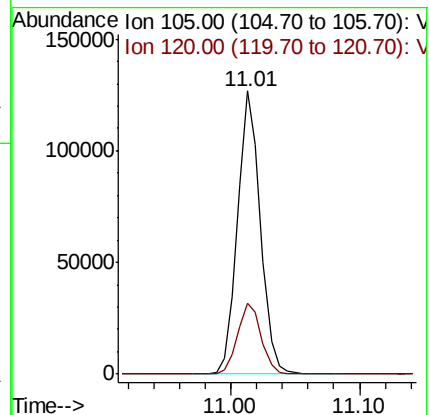
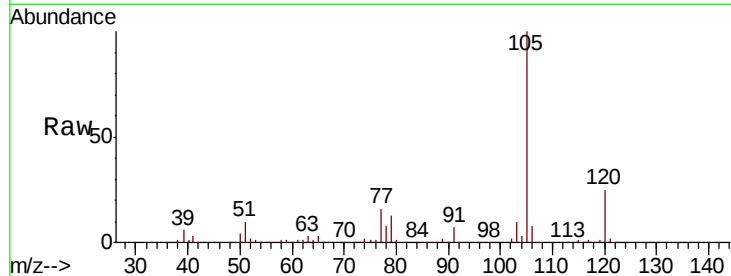
VX0910SBS01

Tgt Ion: 105 Resp: 157245

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 23.008 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Tgt Ion: 43 Resp: 45901

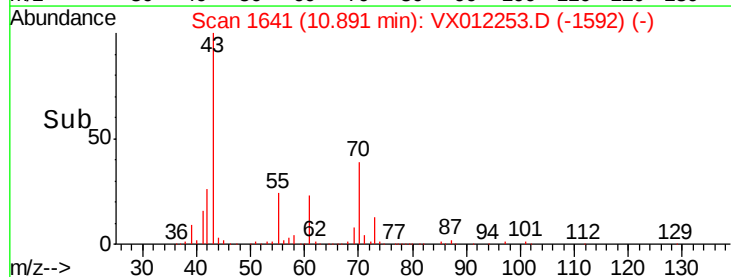
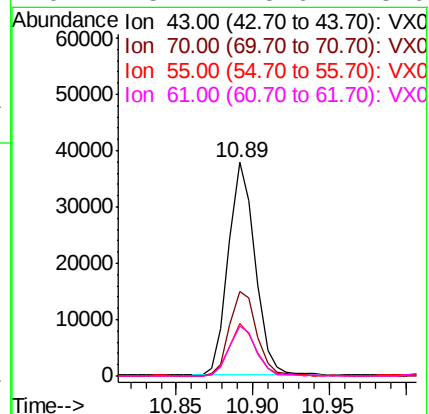
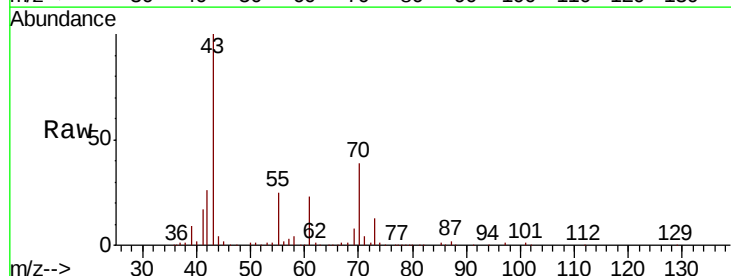
Ion Ratio Lower Upper

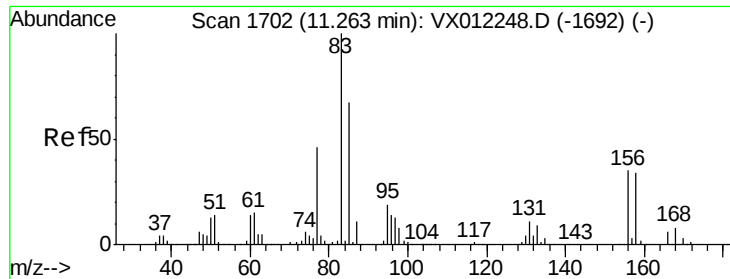
43 100

70 40.7 32.9 49.3

55 24.0 19.1 28.7

61 23.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.666 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

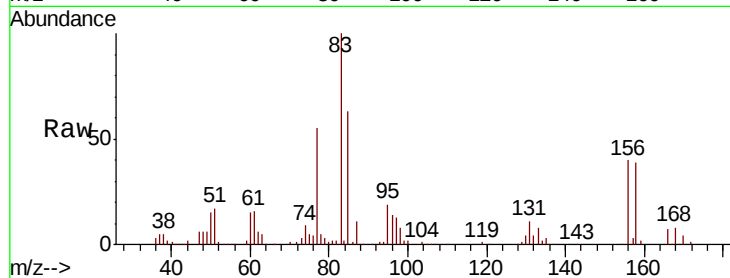
Tgt Ion: 83 Resp: 34103

Ion Ratio Lower Upper

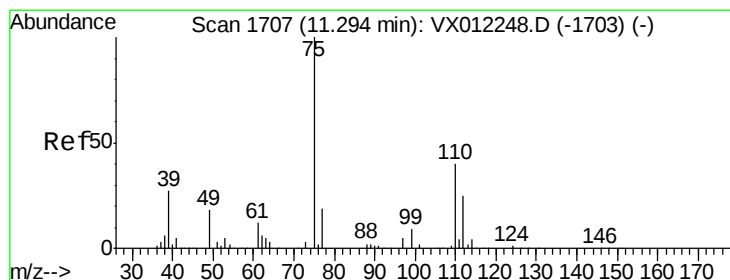
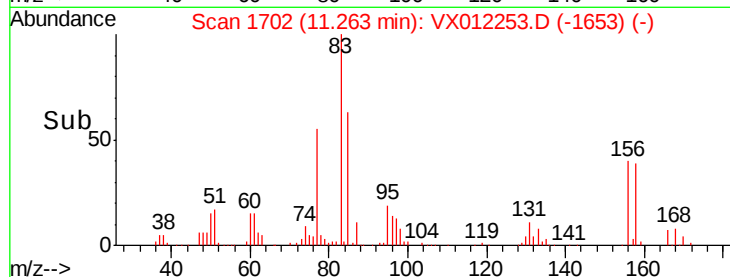
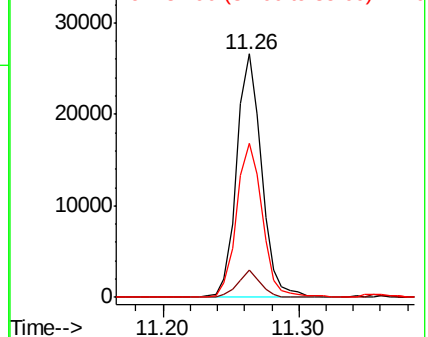
83 100

131 10.2 5.5 16.4

85 65.7 32.8 98.4



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: 28.293 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012253.D

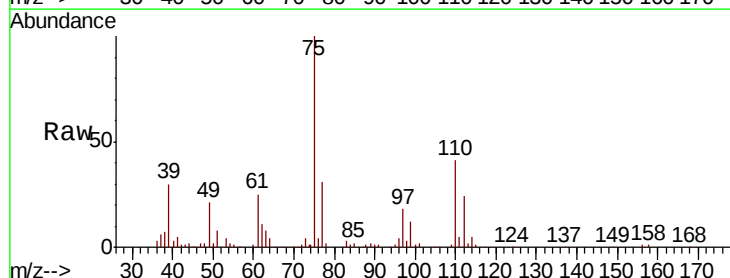
Acq: 10 Sep 2019 14:08

Tgt Ion: 75 Resp: 37045

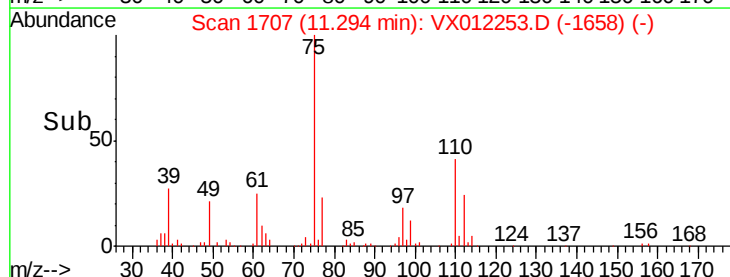
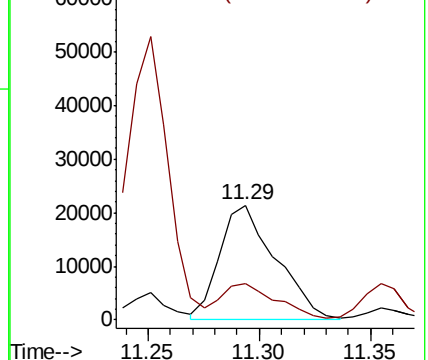
Ion Ratio Lower Upper

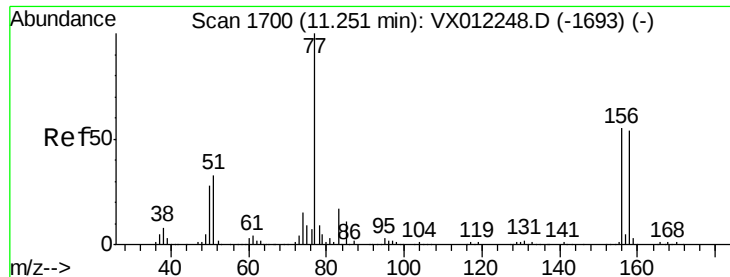
75 100

77 31.8 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: 24.239 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

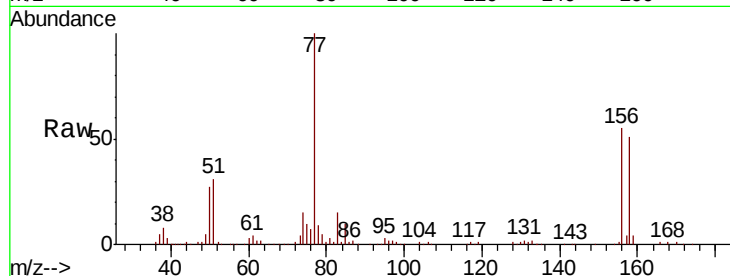
Tgt Ion:156 Resp: 37444

Ion Ratio Lower Upper

156 100

77 182.0 92.2 276.6

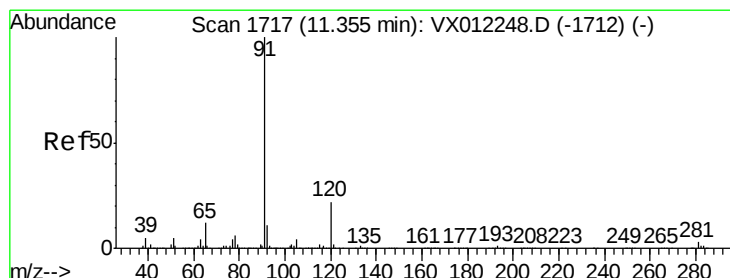
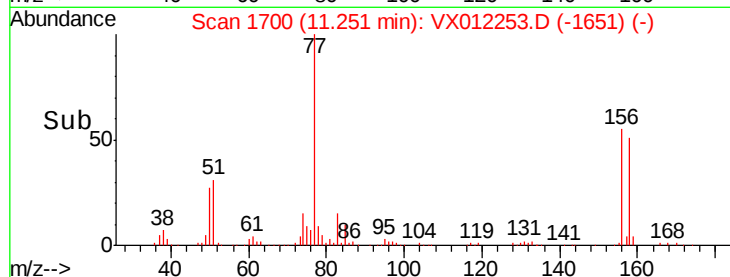
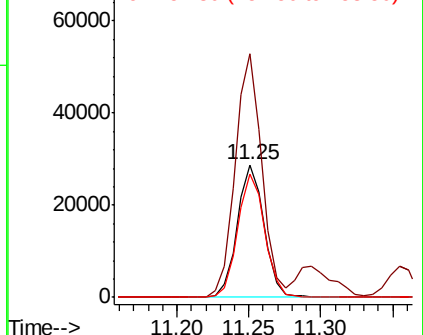
158 93.3 48.8 146.3



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: 23.844 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012253.D

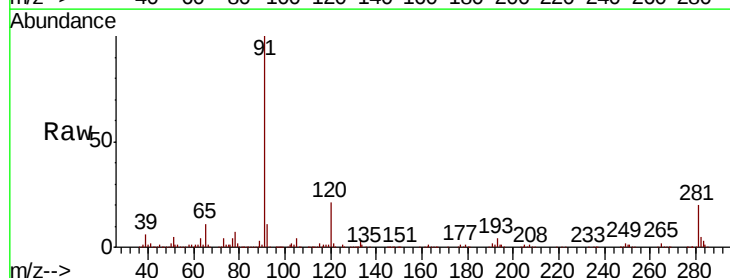
Acq: 10 Sep 2019 14:08

Tgt Ion: 91 Resp: 193201

Ion Ratio Lower Upper

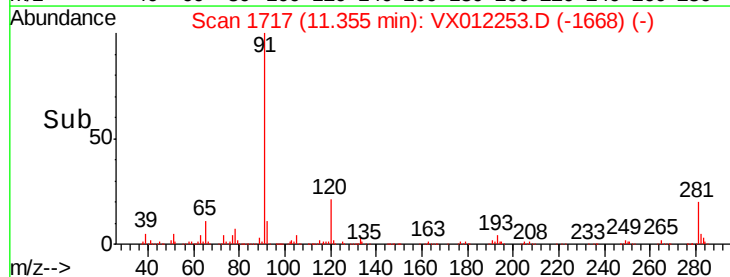
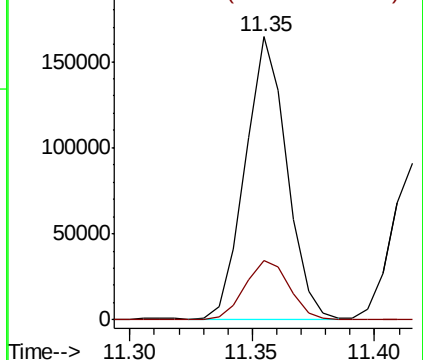
91 100

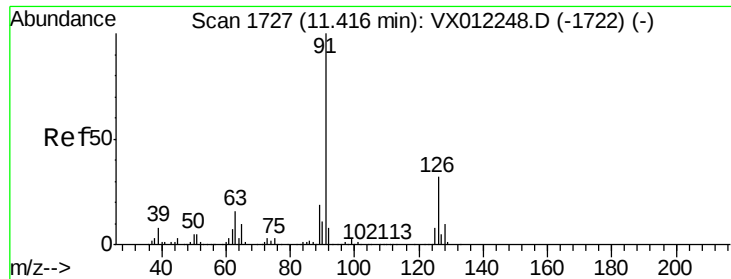
120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

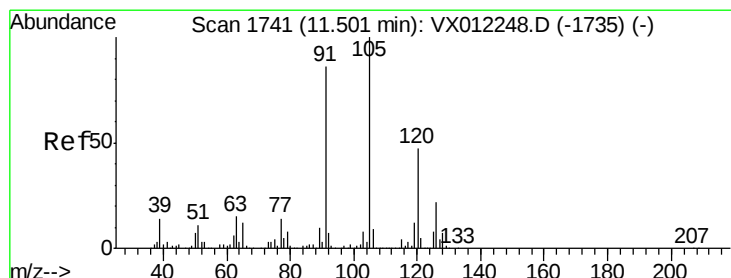
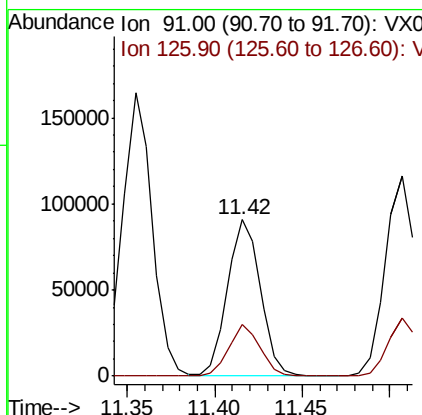
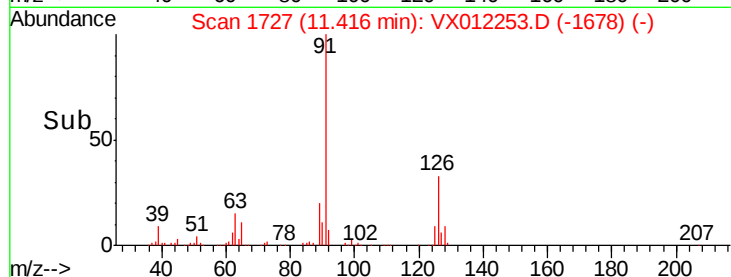
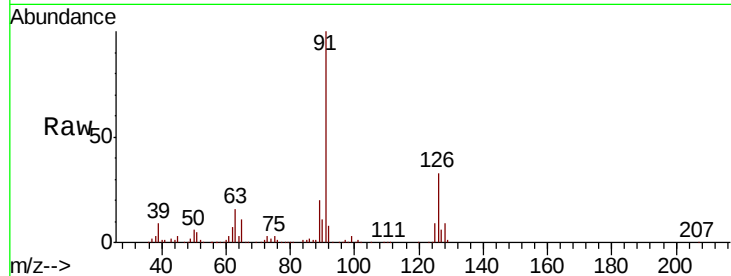




#79
 2-Chlorotoluene
 Concen: 23.492 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

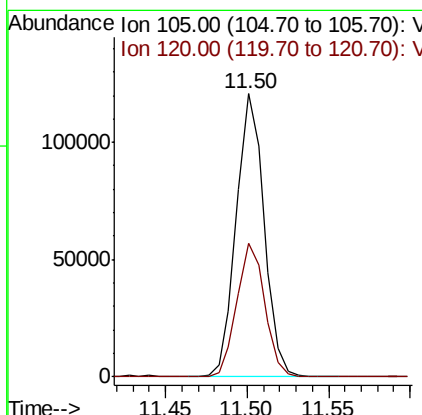
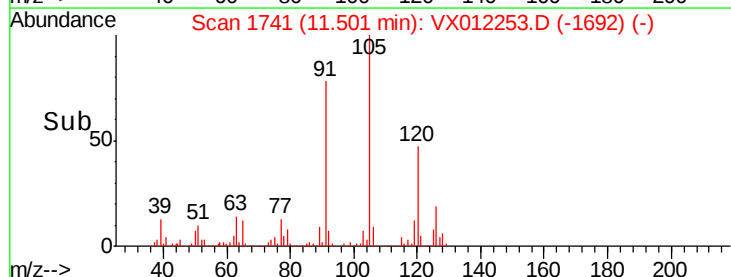
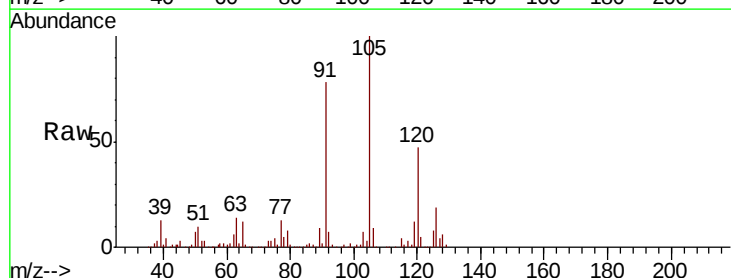
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

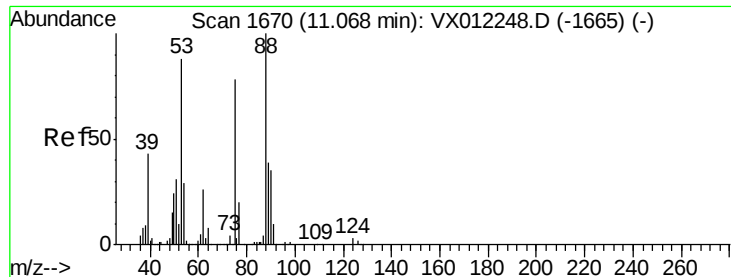
Tgt Ion: 91 Resp: 117933
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 23.758 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion: 105 Resp: 143356
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.7 71.1

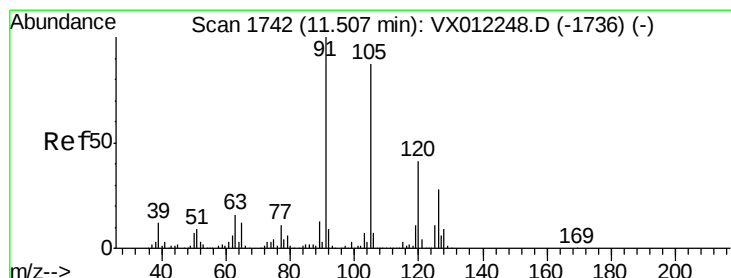
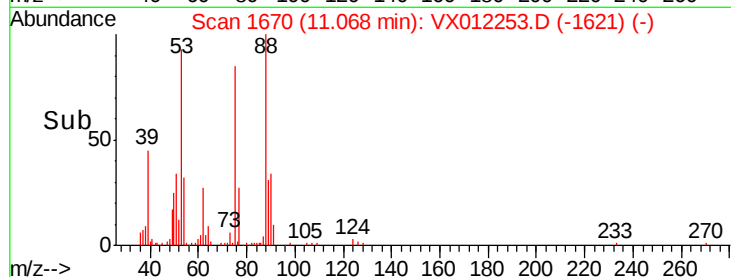
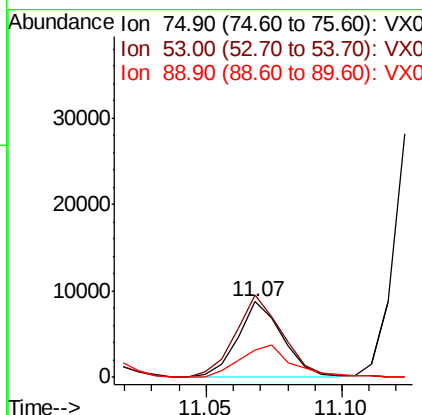
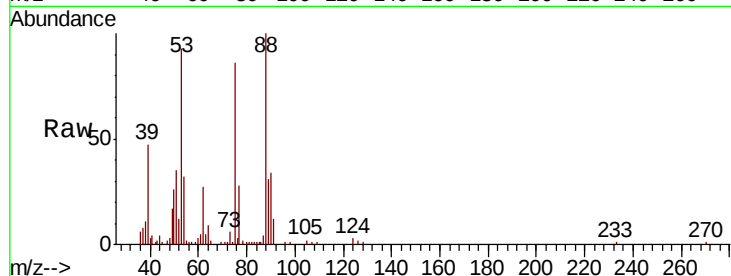




#81
trans-1,4-Dichloro-2-butene
Concen: 22.685 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

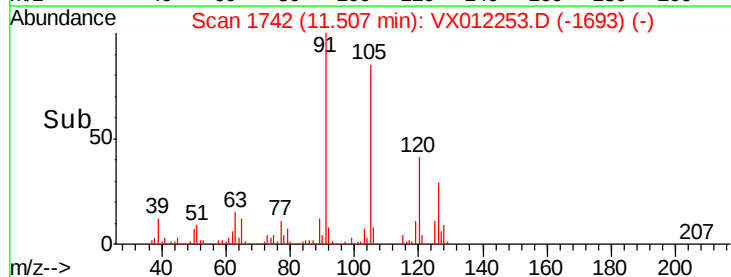
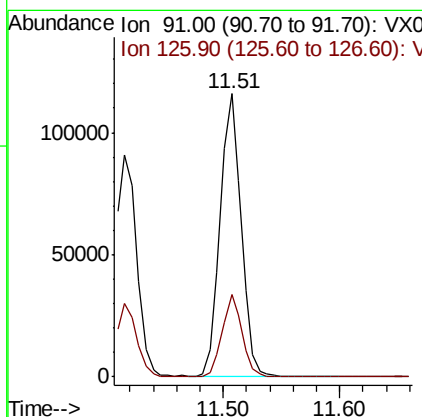
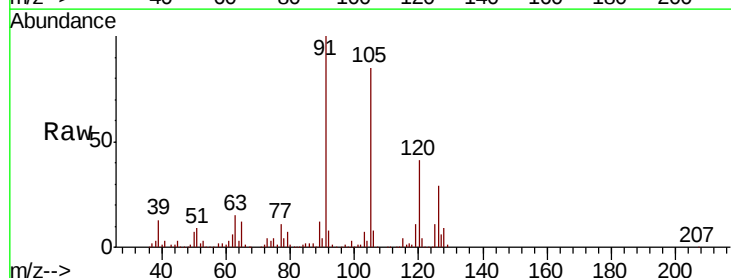
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

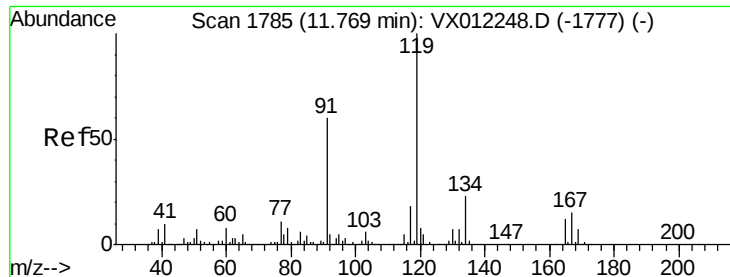
Tgt Ion: 75 Resp: 9913
Ion Ratio Lower Upper
75 100
53 116.0 88.1 132.1
89 51.2 43.5 65.3



#82
4-Chlorotoluene
Concen: 23.876 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 91 Resp: 144041
Ion Ratio Lower Upper
91 100
126 27.6 14.0 42.0

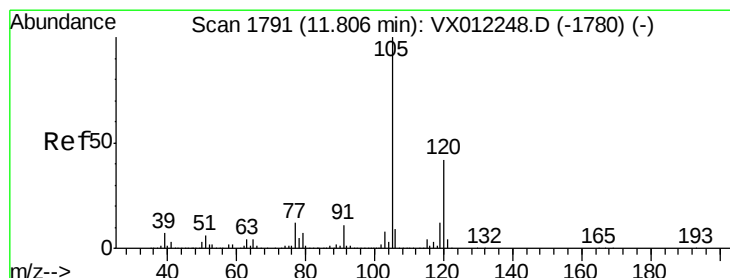
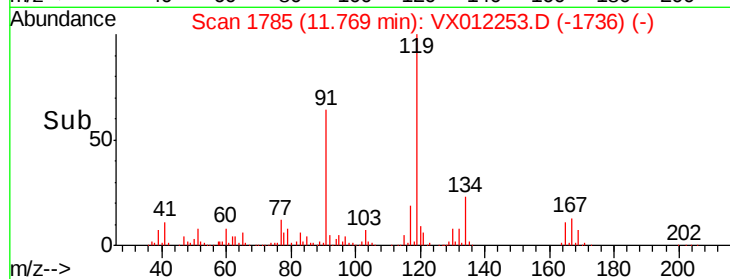
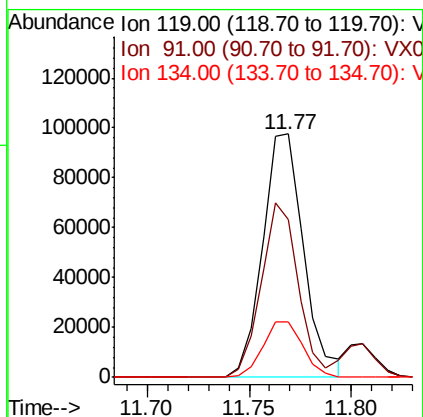
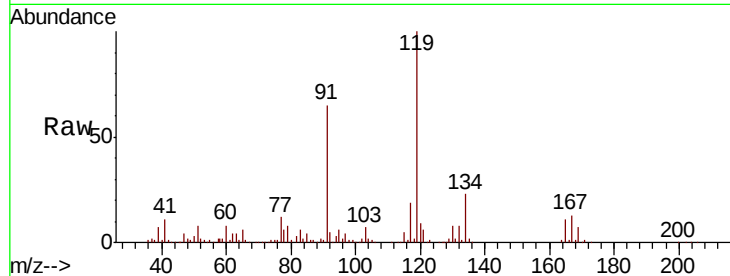




#83
 tert-Butylbenzene
 Concen: 23.377 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

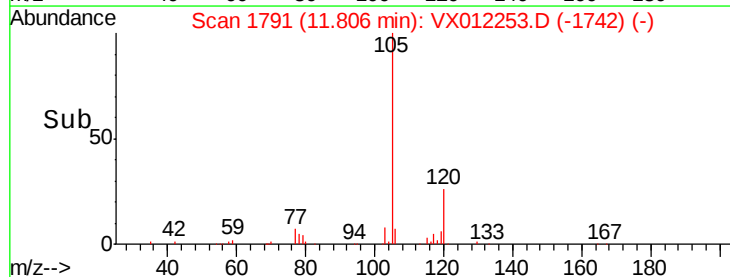
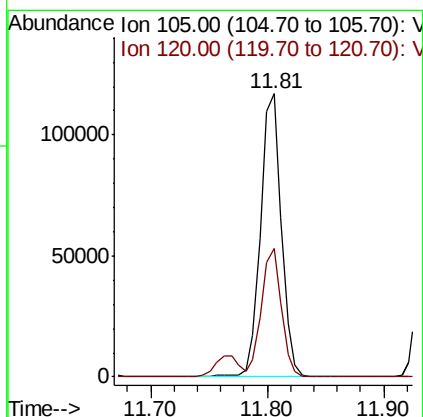
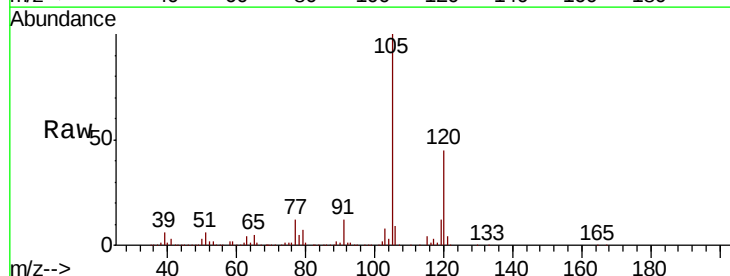
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

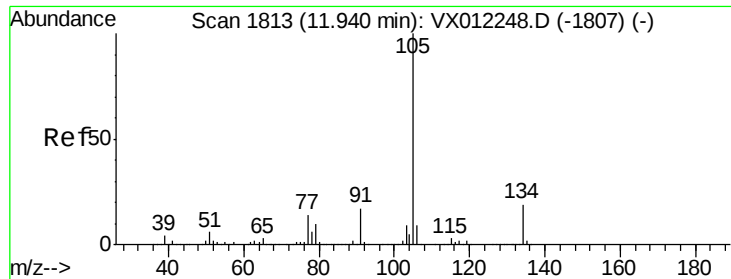
Tgt Ion:119 Resp: 136969
 Ion Ratio Lower Upper
 119 100
 91 64.4 30.9 92.8
 134 22.7 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 23.547 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion:105 Resp: 146877
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.3 63.9





#85

sec-Butylbenzene

Concen: 23.473 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

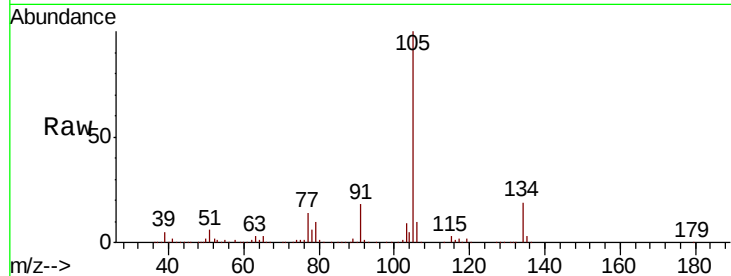
VX0910SBS01

Tgt Ion:105 Resp: 164096

Ion Ratio Lower Upper

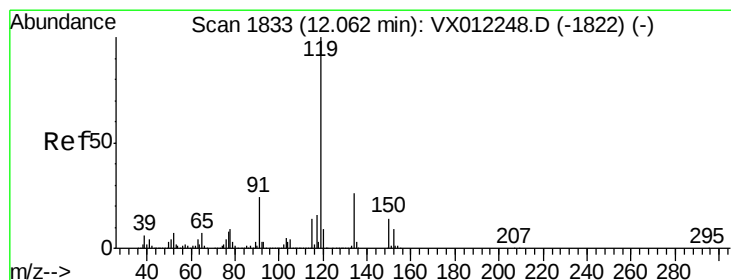
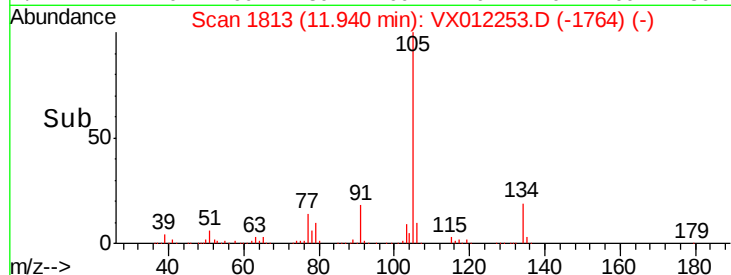
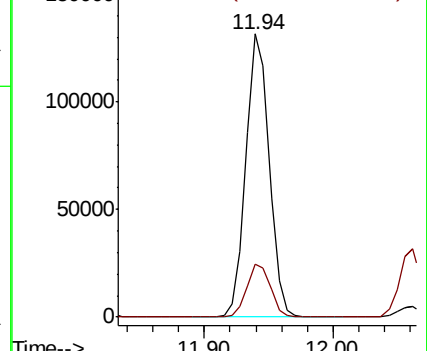
105 100

134 19.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.696 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

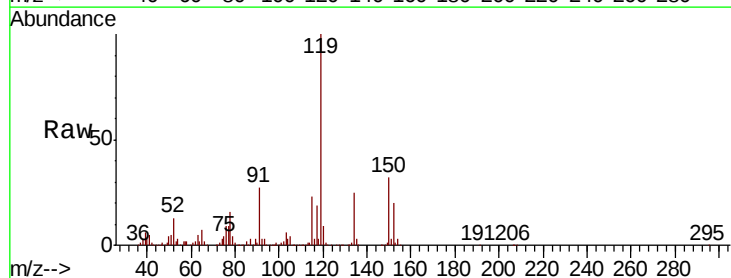
Tgt Ion:119 Resp: 153065

Ion Ratio Lower Upper

119 100

134 25.1 12.9 38.7

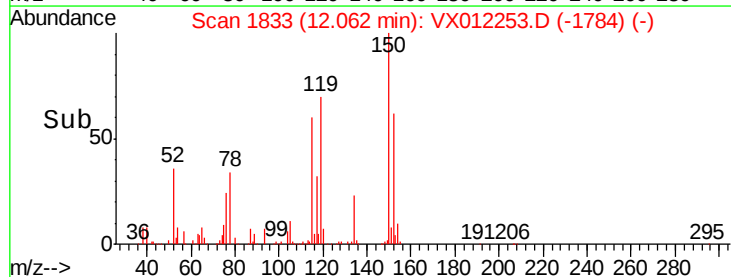
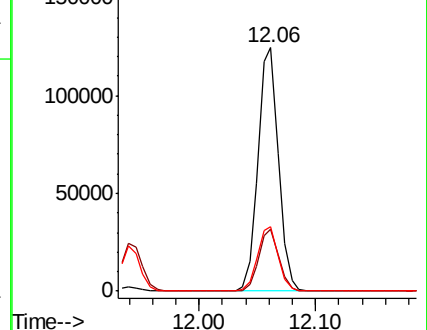
91 26.7 13.1 39.1

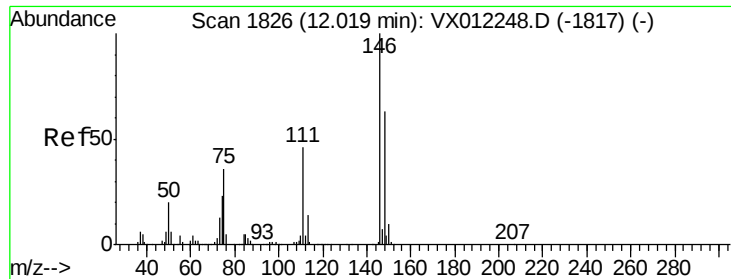


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 23.148 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS01

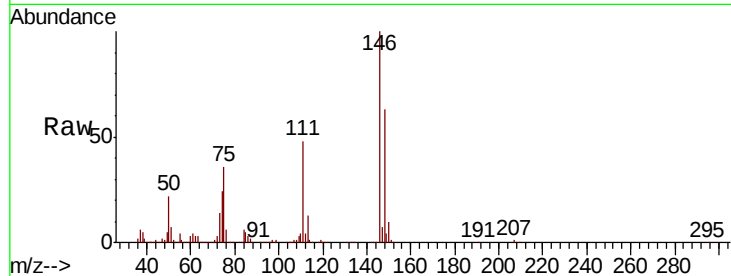
Tgt Ion:146 Resp: 72844

Ion Ratio Lower Upper

146 100

111 45.5 22.3 66.8

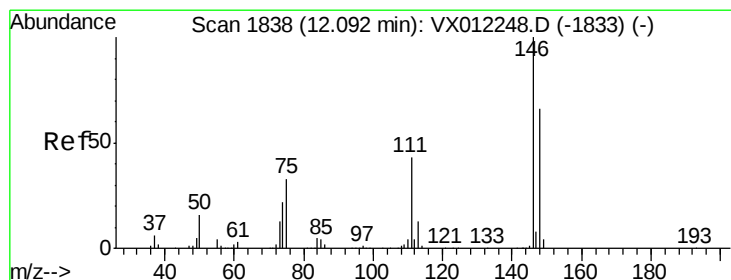
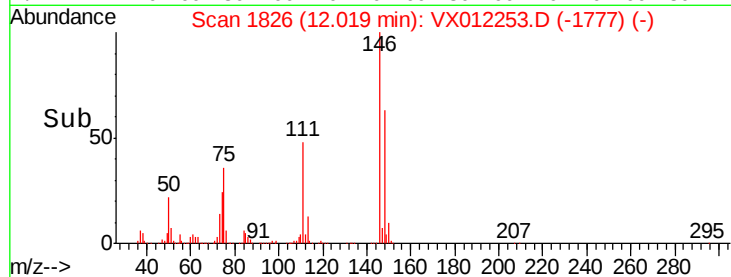
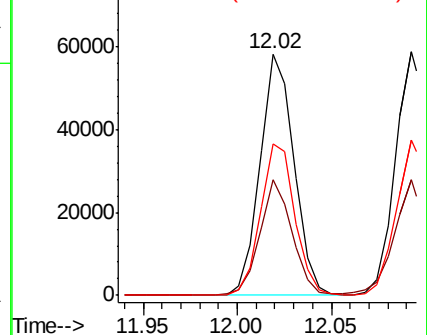
148 63.4 31.5 94.5



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



#88

1,4-Dichlorobenzene

Concen: 23.339 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012253.D

Acq: 10 Sep 2019 14:08

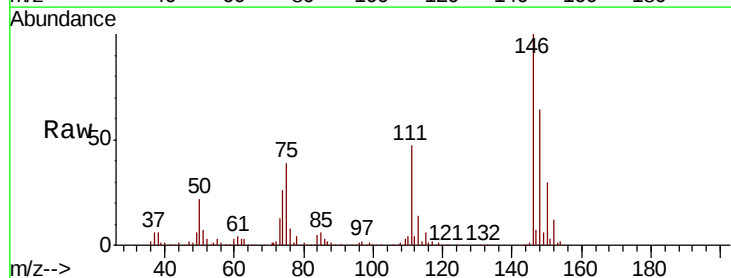
Tgt Ion:146 Resp: 74266

Ion Ratio Lower Upper

146 100

111 46.6 21.6 64.8

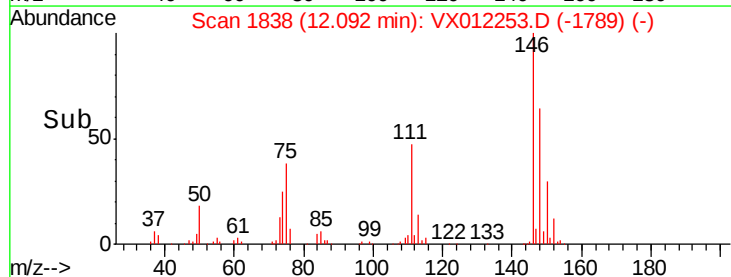
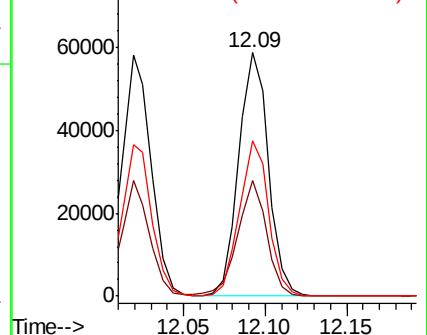
148 62.9 32.4 97.2

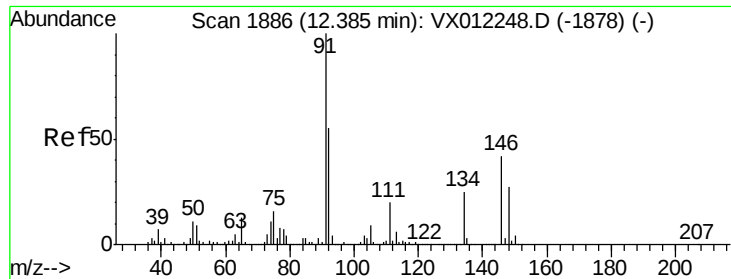


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

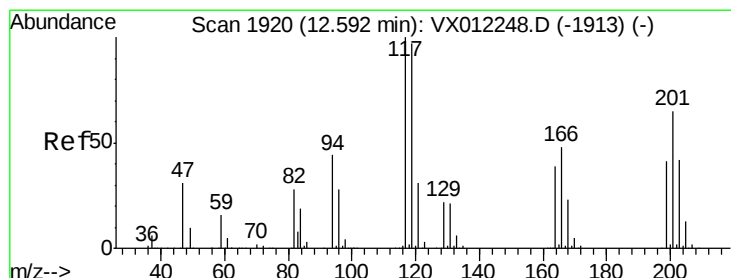
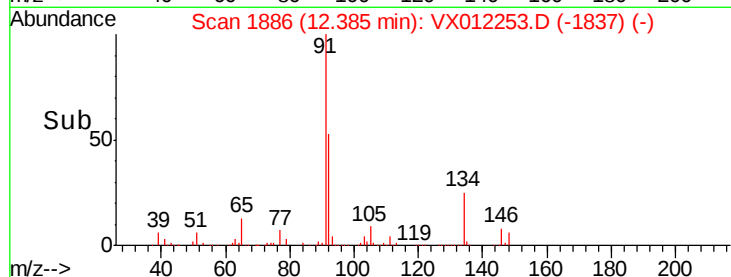
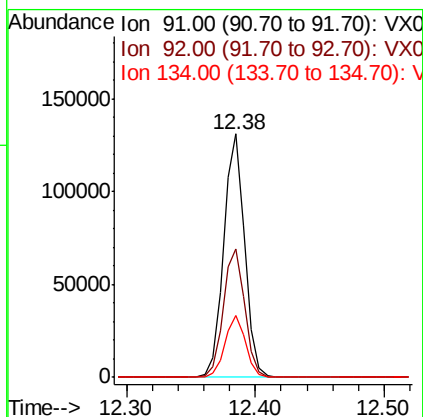
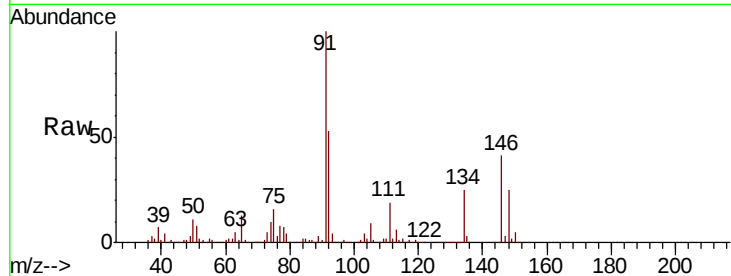




#89
n-Butylbenzene
Concen: 23.786 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

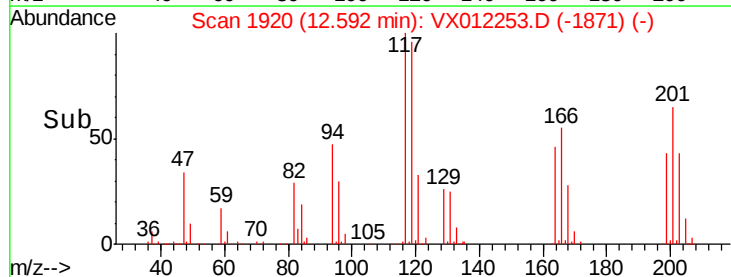
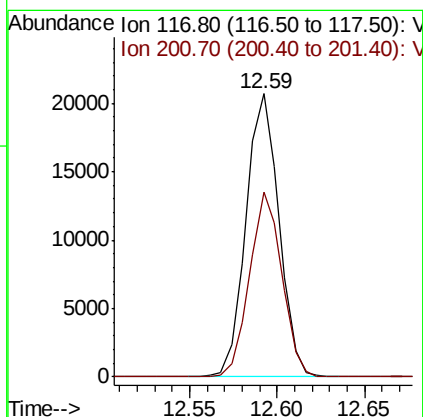
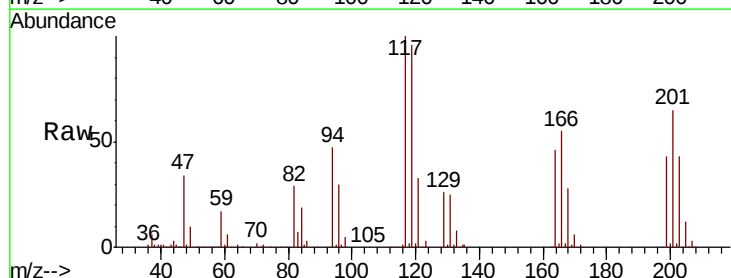
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

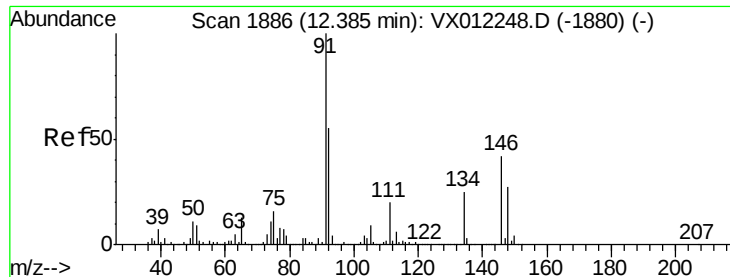
Tgt Ion: 91 Resp: 150596
Ion Ratio Lower Upper
91 100
92 54.1 27.6 82.7
134 25.2 12.5 37.5



#90
Hexachloroethane
Concen: 22.764 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion: 117 Resp: 27085
Ion Ratio Lower Upper
117 100
201 63.9 32.2 96.6

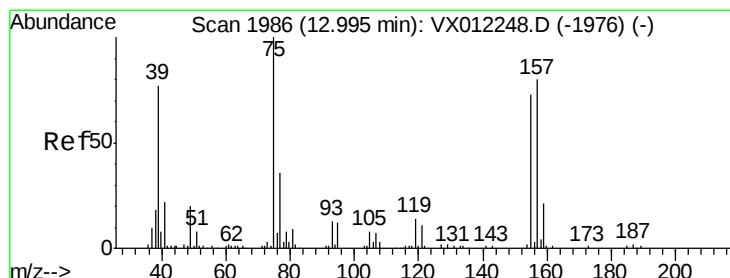
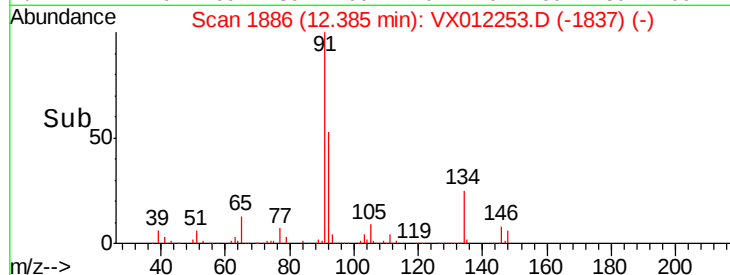
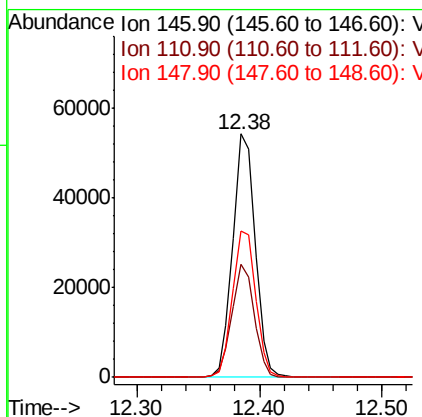
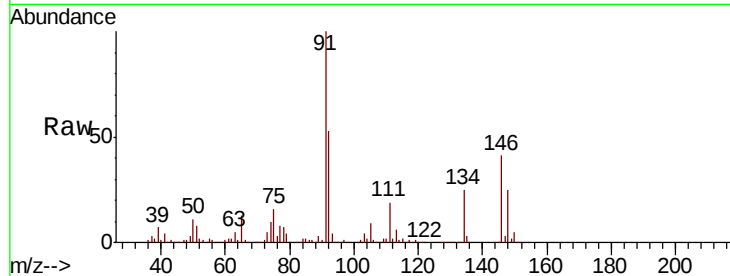




#91
 1,2-Dichlorobenzene
 Concen: 23.664 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

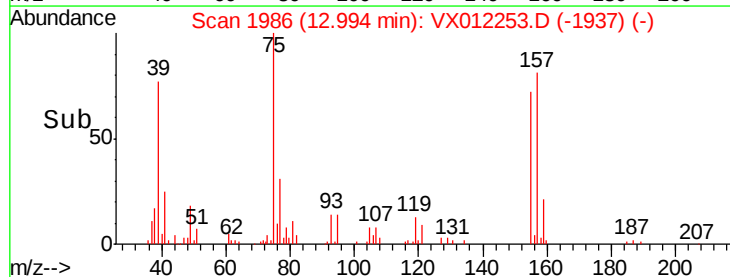
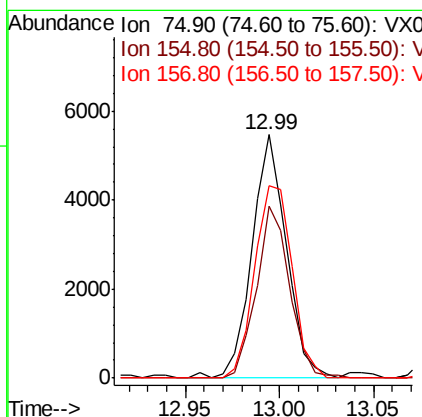
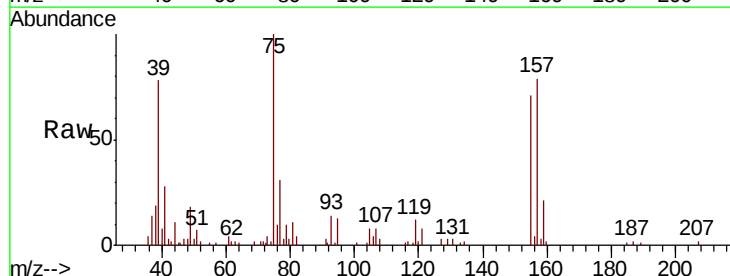
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

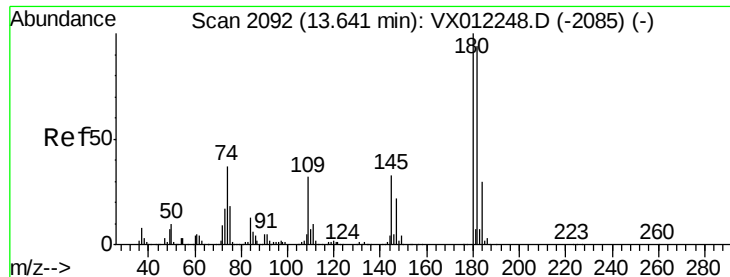
Tgt Ion: 146 Resp: 68885
 Ion Ratio Lower Upper
 146 100
 111 46.5 23.2 69.6
 148 61.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.574 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion: 75 Resp: 6934
 Ion Ratio Lower Upper
 75 100
 155 68.4 35.3 105.7
 157 85.8 43.2 129.6

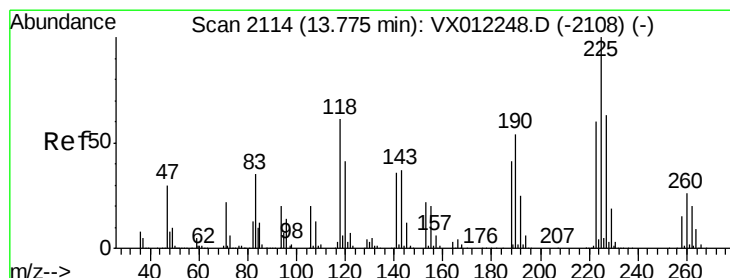
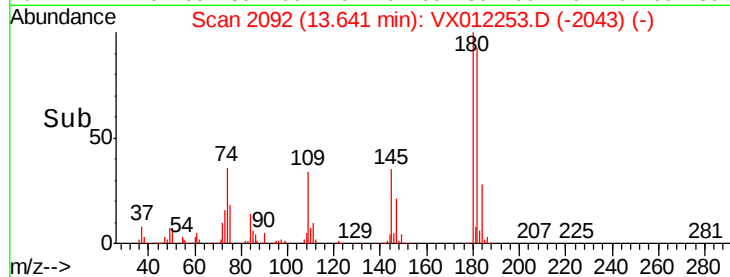
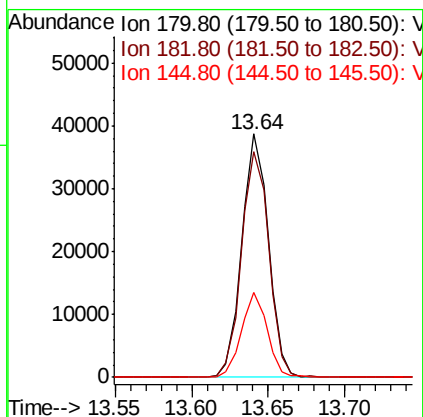
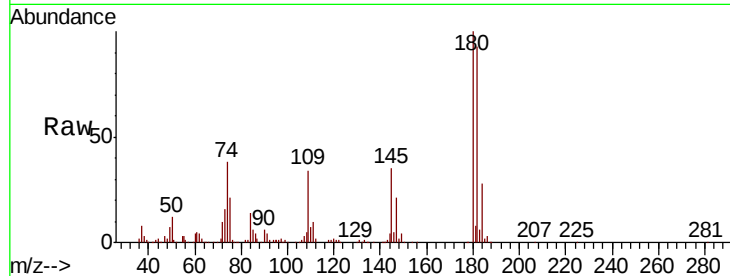




#93
 1,2,4-Trichlorobenzene
 Concen: 23.314 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

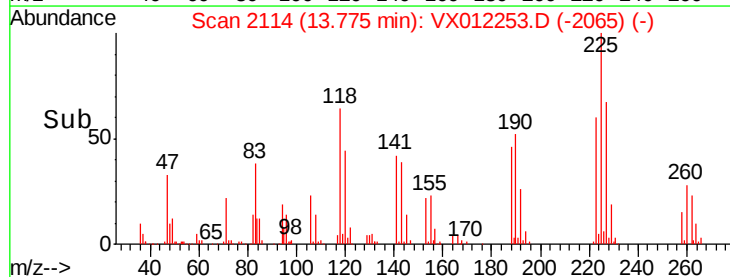
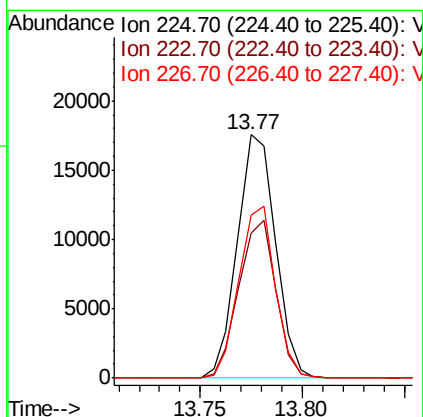
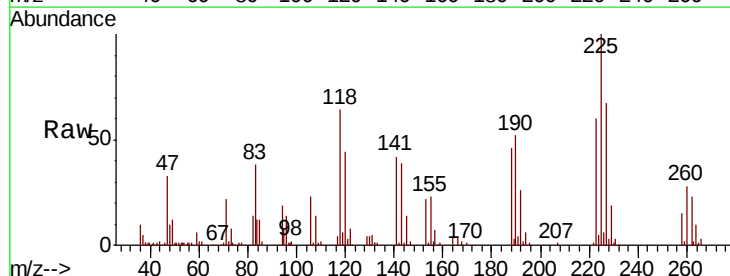
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

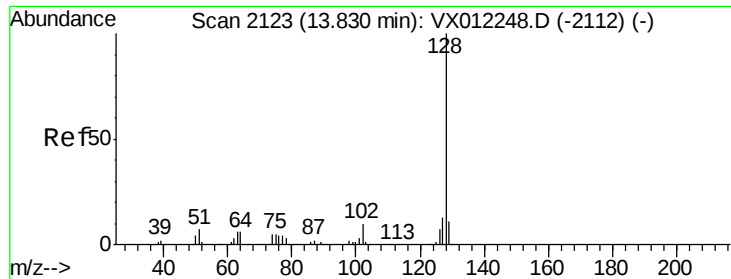
Tgt Ion:180 Resp: 46868
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.8
 145 33.6 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 22.900 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012253.D
 Acq: 10 Sep 2019 14:08

Tgt Ion:225 Resp: 22902
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.5
 227 67.2 32.5 97.5

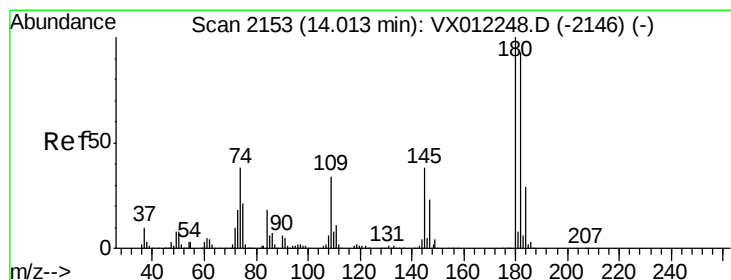
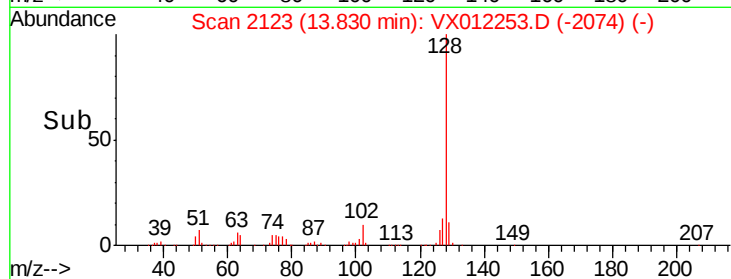
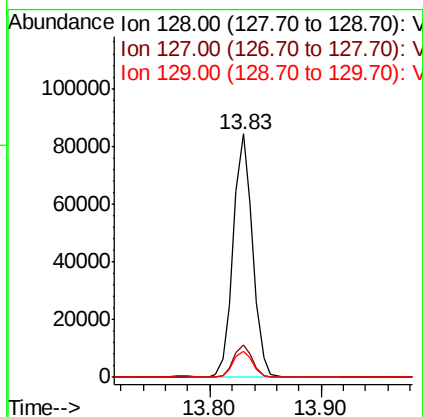
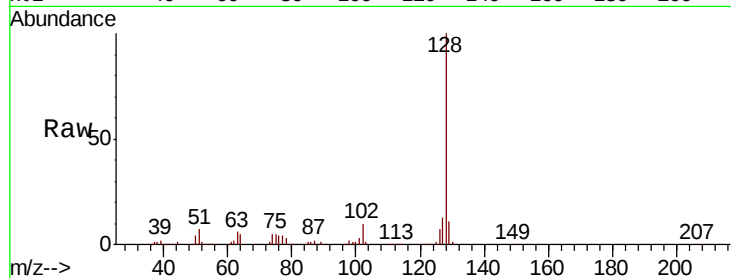




#95
Naphthalene
Concen: 23.488 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS01

Tgt Ion:128 Resp: 101330
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 23.485 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012253.D
Acq: 10 Sep 2019 14:08

Tgt Ion:180 Resp: 41772
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.0
145 38.1 18.6 55.8

