

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072319\
 Data File : VX011051.D
 Acq On : 23 Jul 2019 11:43
 Operator : JC/SP
 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 05:00:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	112289	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
35) Dibromofluoromethane	5.50	113	102286	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	382392	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	141562	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44204	18.681	ug/l	99
3) Chloromethane	1.33	50	37318	17.949	ug/l	96
4) Vinyl Chloride	1.41	62	38989	18.385	ug/l	99
5) Bromomethane	1.64	94	22833	19.106	ug/l	99
6) Chloroethane	1.72	64	25149	18.661	ug/l	92
7) Trichlorofluoromethane	1.93	101	70332	19.592	ug/l	95
8) Diethyl Ether	2.19	74	22721	18.370	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40298	19.660	ug/l	99
10) Methyl Iodide	2.51	142	45551	16.935	ug/l	99
11) Tert butyl alcohol	3.04	59	53188	94.950	ug/l	98
12) 1,1-Dichloroethene	2.37	96	38236	18.986	ug/l	98
13) Acrolein	2.29	56	26489	81.846	ug/l	100
14) Allyl chloride	2.73	41	54150	18.511	ug/l	100
15) Acrylonitrile	3.14	53	106283	93.896	ug/l	100
16) Acetone	2.44	43	102723	94.559	ug/l	99
17) Carbon Disulfide	2.57	76	84206	16.301	ug/l	99
18) Methyl Acetate	2.78	43	47687	19.278	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	123639	19.071	ug/l	99
20) Methylene Chloride	2.85	84	42446	18.437	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39337	18.409	ug/l	98
22) Diisopropyl ether	3.85	45	116816	18.934	ug/l	96
23) Vinyl Acetate	3.81	43	494027	94.508	ug/l	100
24) 1,1-Dichloroethane	3.70	63	67667	18.886	ug/l	99
25) 2-Butanone	4.67	43	149875	96.109	ug/l	99
26) 2,2-Dichloropropane	4.58	77	54660	18.580	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	46179	18.673	ug/l	99
28) Bromochloromethane	5.02	49	30778	18.229	ug/l	99
29) Tetrahydrofuran	5.13	42	92709	93.853	ug/l	99
30) Chloroform	5.21	83	72654	18.760	ug/l	98
31) Cyclohexane	5.58	56	60475	18.518	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	62710	18.716	ug/l	98
36) 1,1-Dichloropropene	5.80	75	52141	19.169	ug/l	100
37) Ethyl Acetate	4.83	43	53689	19.276	ug/l	98
38) Carbon Tetrachloride	5.79	117	53736	18.958	ug/l	94

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 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 05:00:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67189	19.047	ug/l	96
40) Benzene	6.14	78	158756	19.053	ug/l	99
41) Methacrylonitrile	5.04	41	29298	18.529	ug/l	98
42) 1,2-Dichloroethane	6.19	62	56621	19.544	ug/l	100
43) Isopropyl Acetate	6.44	43	86515	18.890	ug/l	100
44) Trichloroethene	7.21	130	46697	18.933	ug/l	94
45) 1,2-Dichloropropane	7.51	63	40759	19.219	ug/l	98
46) Dibromomethane	7.66	93	29604	19.535	ug/l	98
47) Bromodichloromethane	7.90	83	52077	19.305	ug/l	96
48) Methyl methacrylate	7.77	41	41657	18.671	ug/l	98
49) 1,4-Dioxane	7.74	88	23814	381.578	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	289771	97.603	ug/l	99
52) Toluene	8.78	92	105224	19.223	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54235	18.698	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	61455	19.041	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42999	19.079	ug/l	98
56) Ethyl methacrylate	9.18	69	63150	19.155	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68928	19.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	158246	100.554	ug/l	99
59) 2-Hexanone	9.49	43	228464	99.215	ug/l	100
60) Dibromochloromethane	9.58	129	44936	18.976	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45989	19.227	ug/l	99
64) Tetrachloroethene	9.34	164	47210	20.080	ug/l	99
65) Chlorobenzene	10.13	112	118294	19.271	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	42055	19.493	ug/l	99
67) Ethyl Benzene	10.25	91	204815	19.602	ug/l	99
68) m/p-Xylenes	10.36	106	157104	39.198	ug/l	98
69) o-Xylene	10.69	106	76741	19.619	ug/l	98
70) Styrene	10.71	104	129869	19.917	ug/l	99
71) Bromoform	10.85	173	31283	17.663	ug/l #	99
73) Isopropylbenzene	11.02	105	207861	19.639	ug/l	100
74) N-amyl acetate	10.90	43	77346	19.125	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	67003	19.344	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	70216	24.841	ug/l	84
77) Bromobenzene	11.25	156	54897	18.804	ug/l	99
78) n-propylbenzene	11.36	91	231820	19.823	ug/l	99
79) 2-Chlorotoluene	11.42	91	136807	19.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	174256	19.703	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17644	18.535	ug/l	94
82) 4-Chlorotoluene	11.51	91	160332	19.609	ug/l	98
83) tert-Butylbenzene	11.77	119	170361	19.611	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	175495	19.687	ug/l	100
85) sec-Butylbenzene	11.94	105	202017	19.846	ug/l	100
86) p-Isopropyltoluene	12.06	119	188995	20.083	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	99528	19.644	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	99570	19.162	ug/l	98
89) n-Butylbenzene	12.38	91	159865	19.857	ug/l	99
90) Hexachloroethane	12.60	117	28011	18.872	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	99441	19.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14280	19.723	ug/l	94

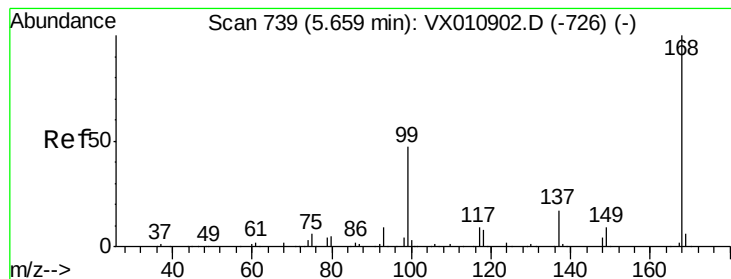
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072319\
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Quant Time: Jul 24 05:00:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67236	19.758	ug/l	99
94) Hexachlorobutadiene	13.78	225	34558	20.493	ug/l	97
95) Naphthalene	13.83	128	199929	19.896	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68182	20.137	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

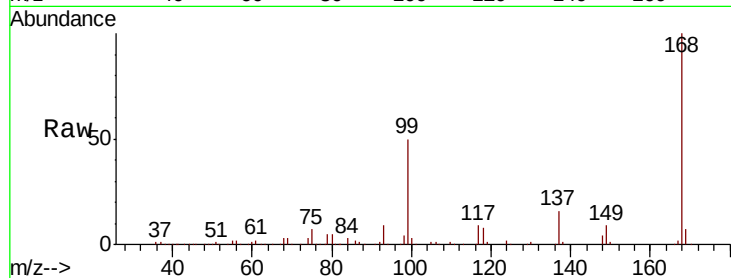
ClientSampled :

Tot Ion:168 Resp: 226093

Ion Ratio Lower Upper

168 100

99 50.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

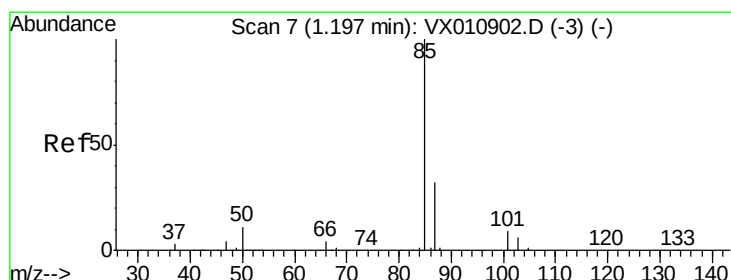
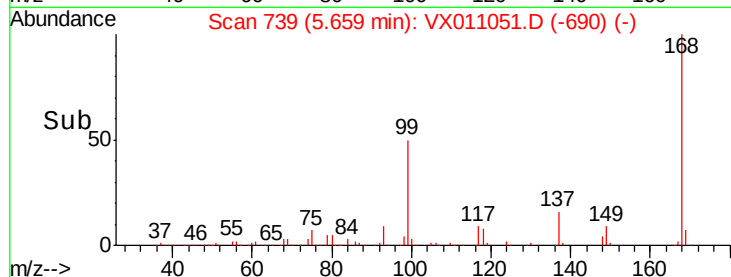
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.681 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011051.D

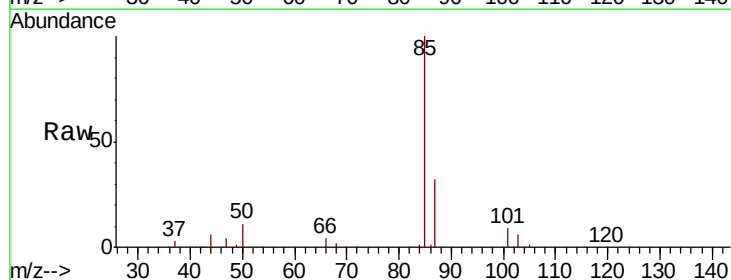
Acq: 23 Jul 2019 11:43

Tgt Ion: 85 Resp: 44204

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

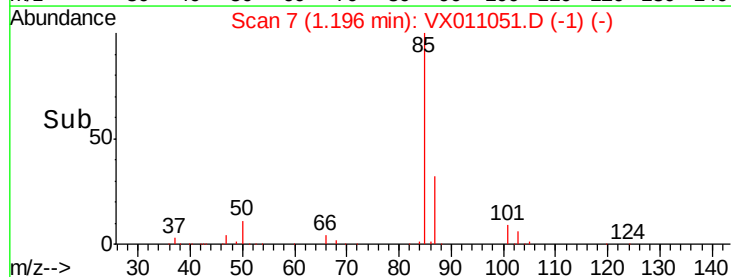
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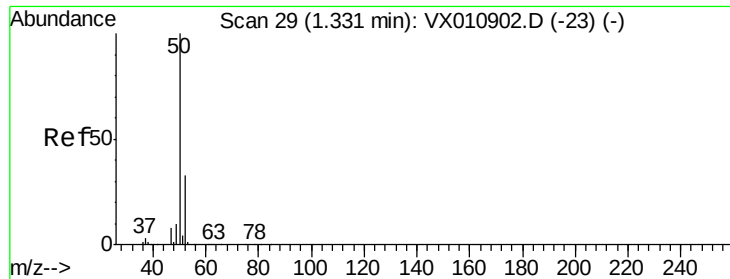
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.949 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

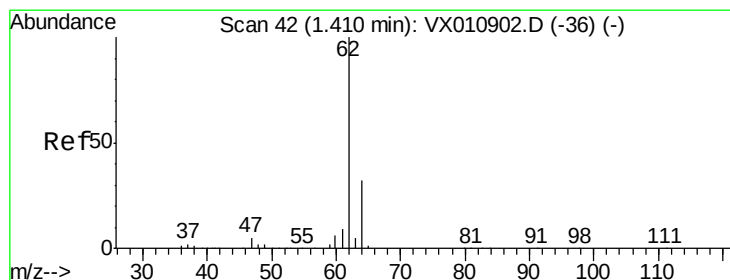
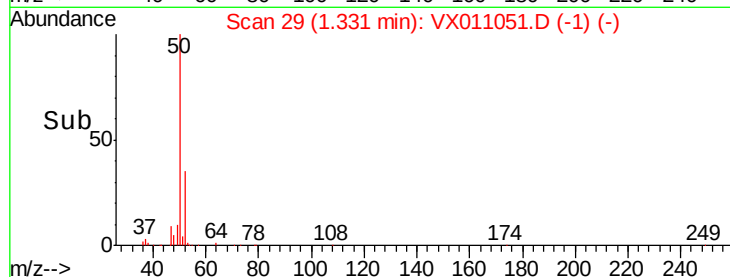
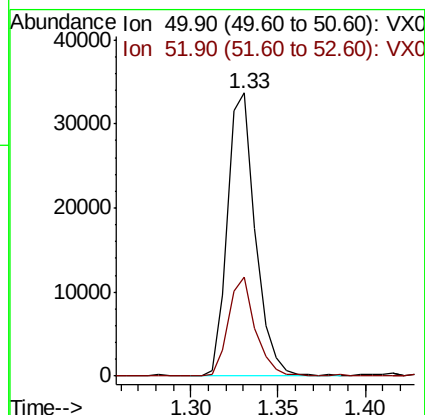
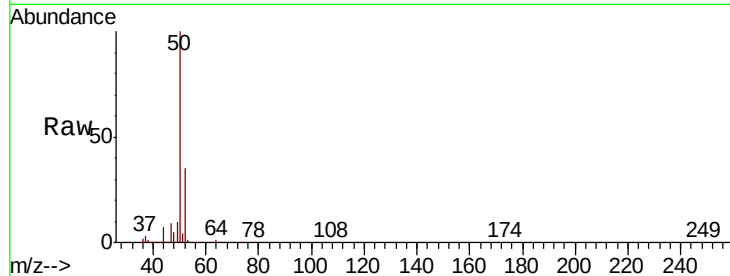
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 37318

Ion Ratio Lower Upper

50 100

52 35.0 26.4 39.6



#4

Vinyl Chloride

Concen: 18.385 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011051.D

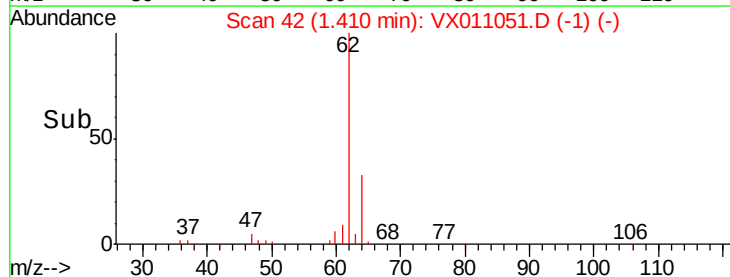
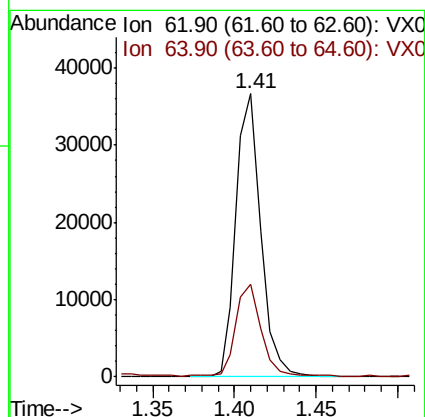
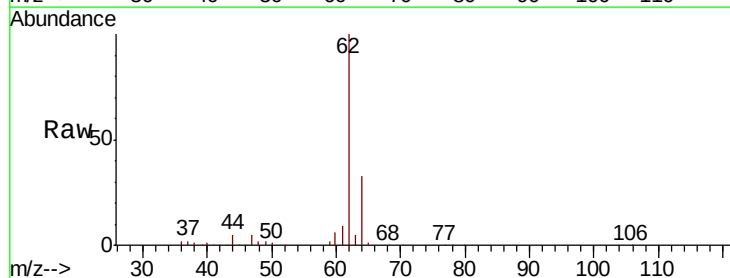
Acq: 23 Jul 2019 11:43

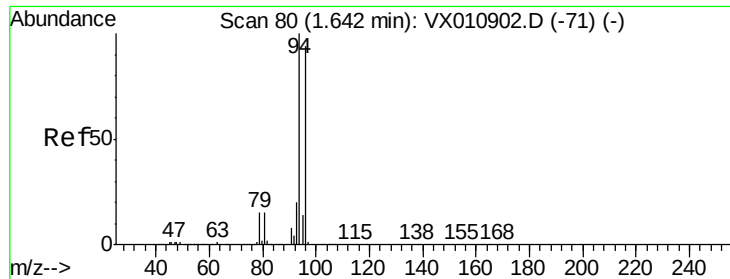
Tgt Ion: 62 Resp: 38989

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 19.106 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

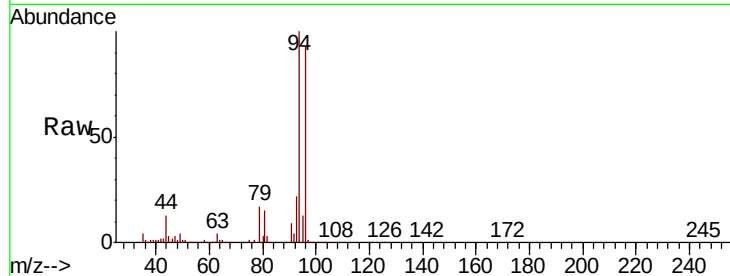
ClientSampleId :

Tot Ion: 94 Resp: 22833

Ion Ratio Lower Upper

94 100

96 93.6 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

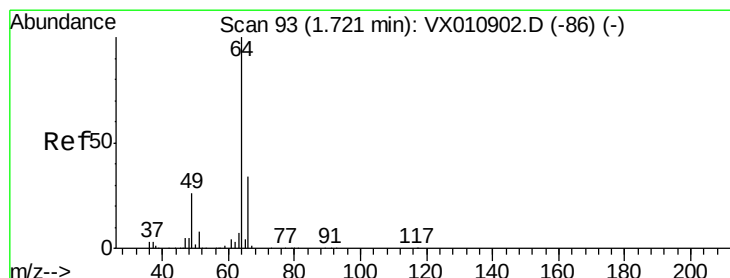
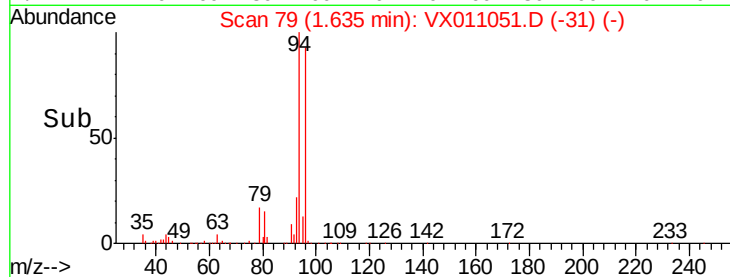
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 18.661 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011051.D

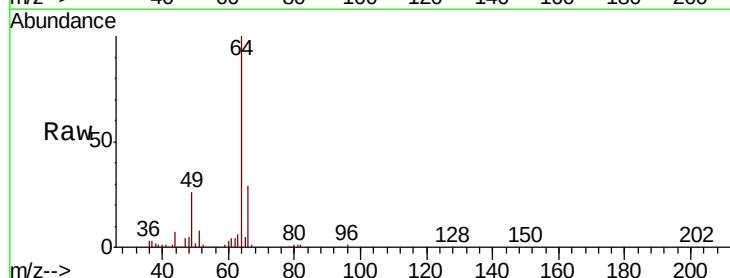
Acq: 23 Jul 2019 11:43

Tgt Ion: 64 Resp: 25149

Ion Ratio Lower Upper

64 100

66 29.3 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

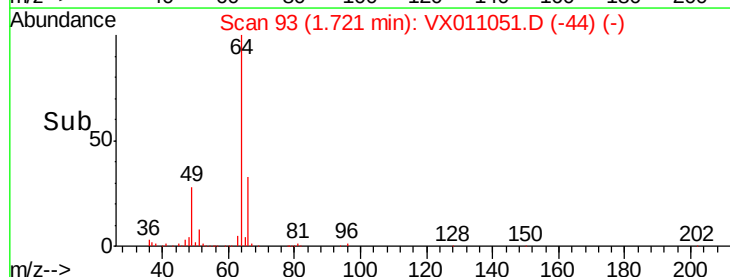
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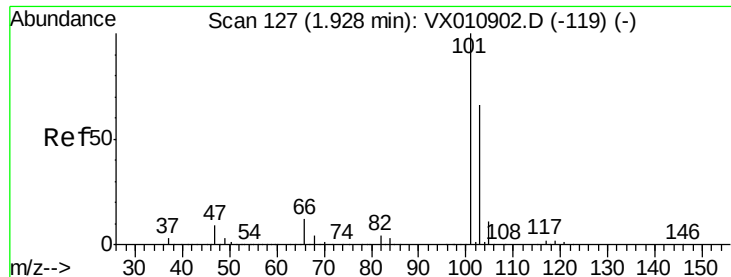
5000

0

Time-->

1.65 1.70 1.75 1.80



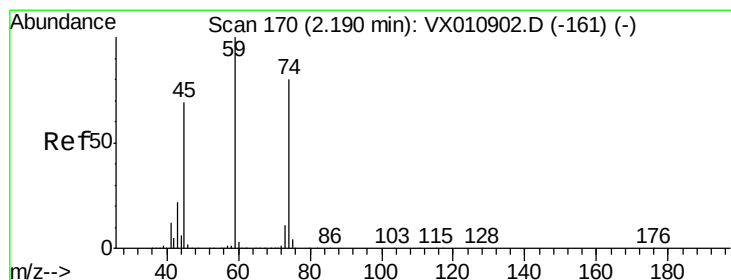
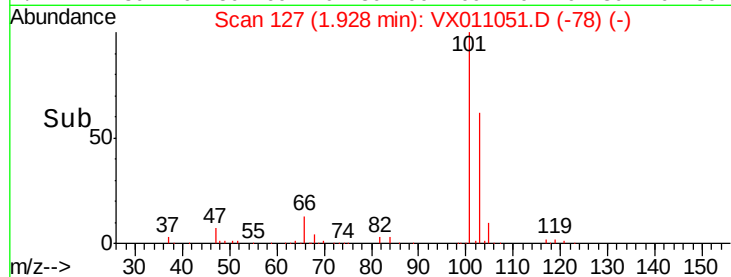
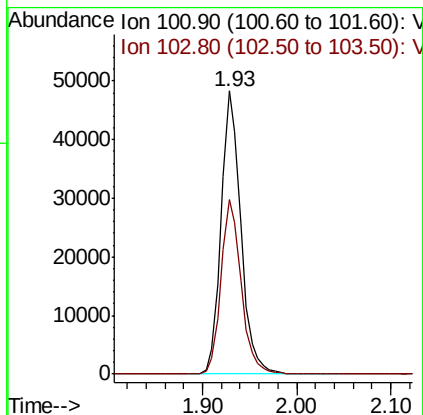
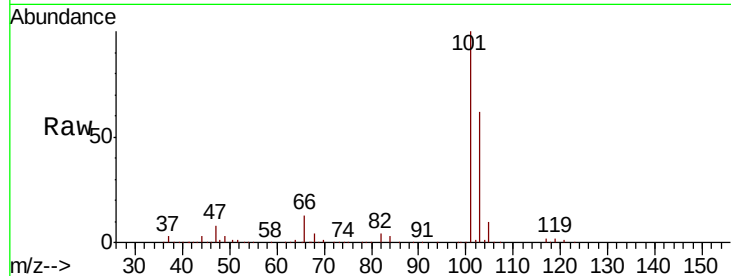


#7

Trichlorofluoromethane
 Concen: 19.592 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :

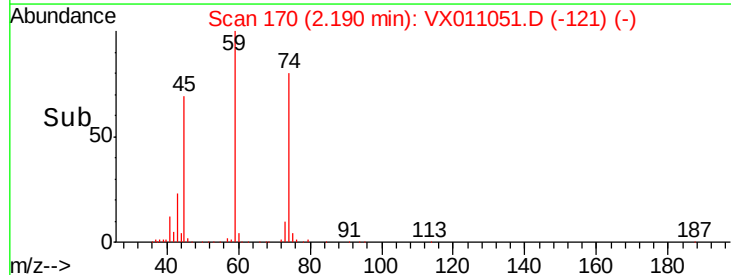
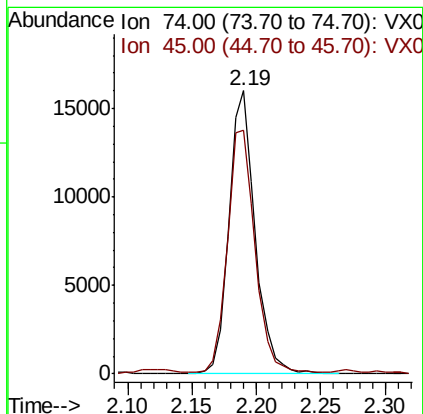
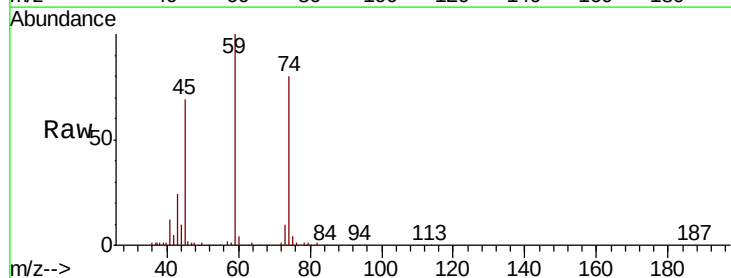
Tot Ion:101 Resp: 70332
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.6 78.8

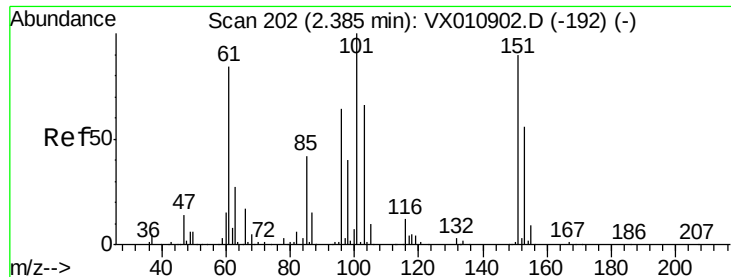


#8

Diethyl Ether
 Concen: 18.370 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 74 Resp: 22721
 Ion Ratio Lower Upper
 74 100
 45 90.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.660 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

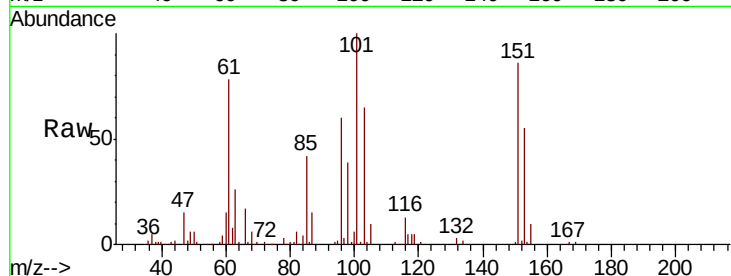
Tot Ion:101 Resp: 40298

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

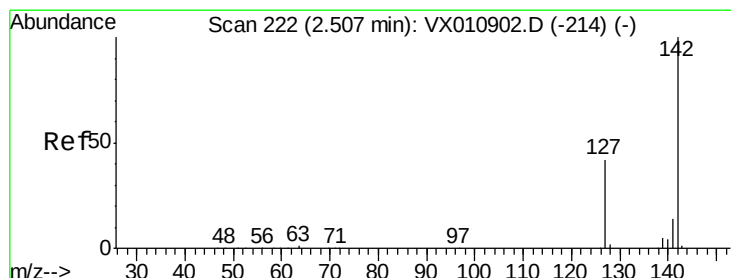
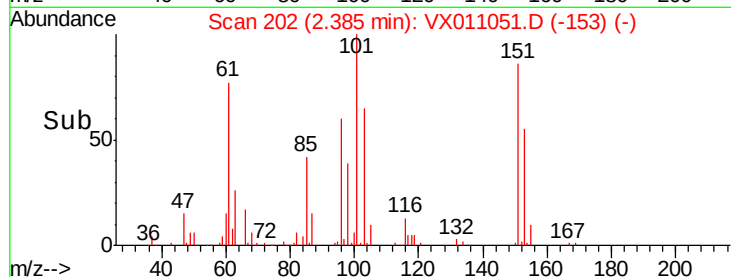
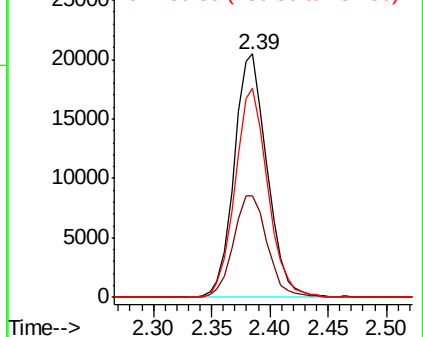
151 85.3 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.935 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

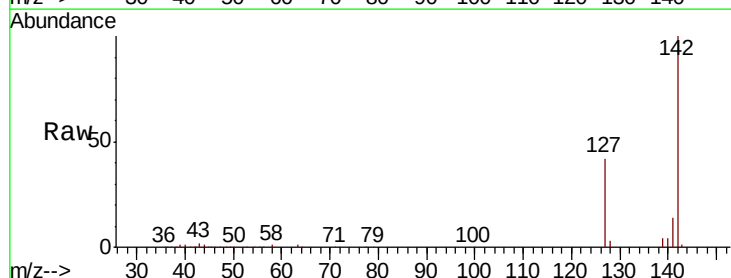
Tgt Ion:142 Resp: 45551

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.4

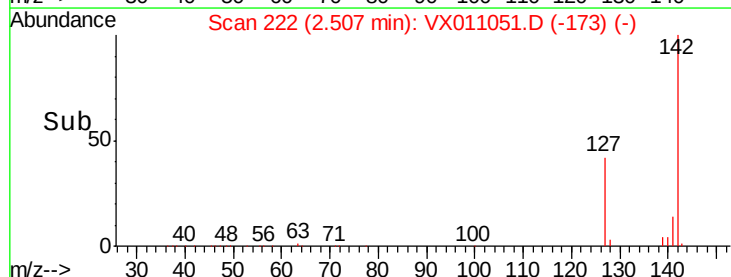
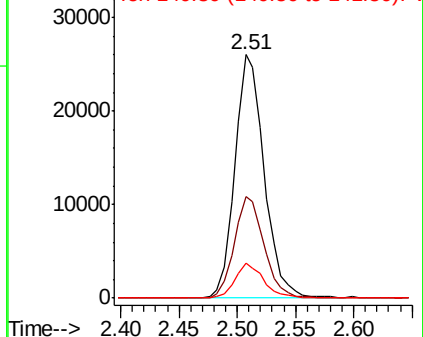
141 14.0 11.7 17.5

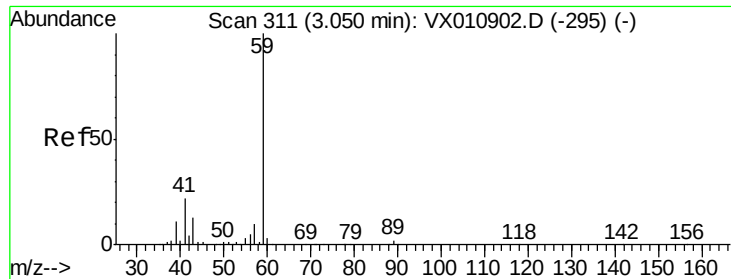


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



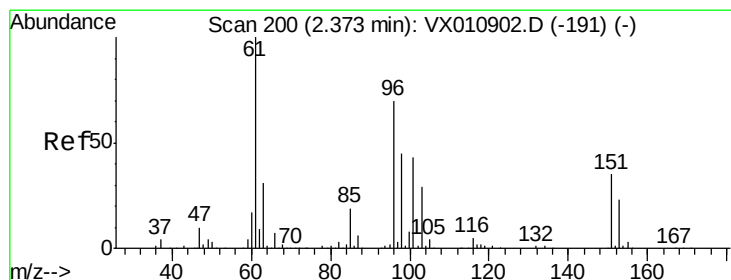
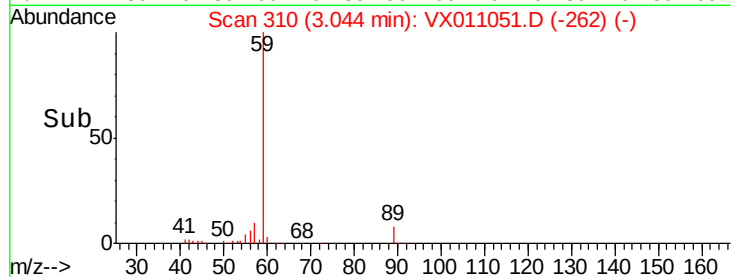
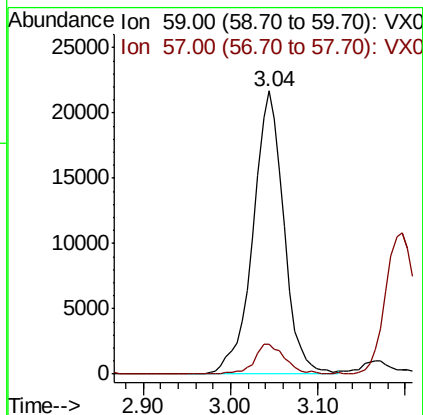
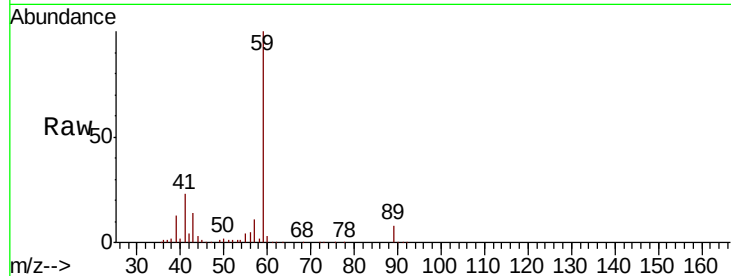


#11

Tert butyl alcohol
 Concen: 94.950 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

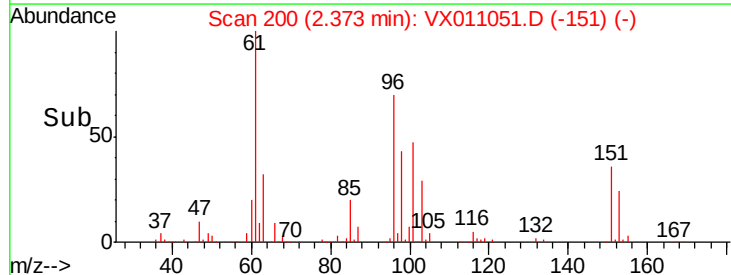
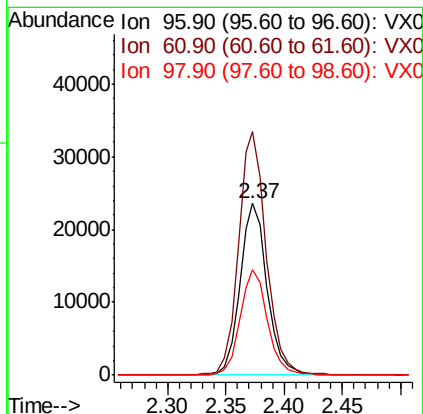
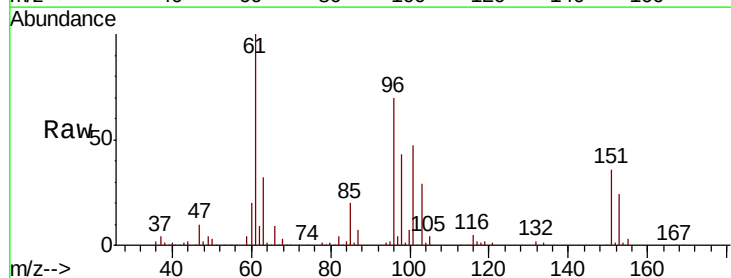
Tot Ion: 59 Resp: 53188
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.9 11.9

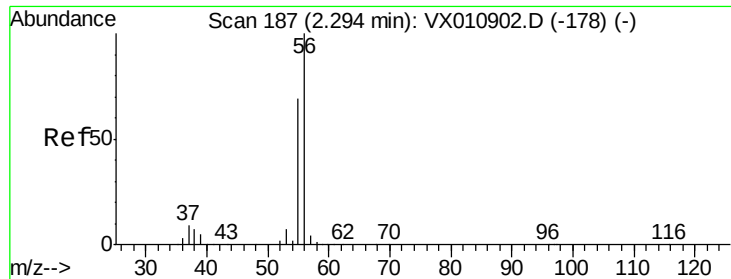


#12

1,1-Dichloroethene
 Concen: 18.986 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 96 Resp: 38236
 Ion Ratio Lower Upper
 96 100
 61 142.0 115.0 172.4
 98 61.5 52.2 78.2





#13

Acrolein

Concen: 81.846 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

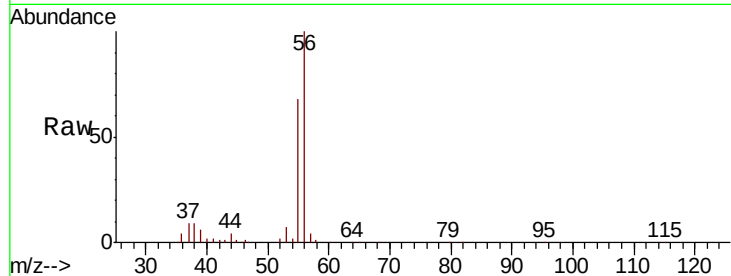
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 26489

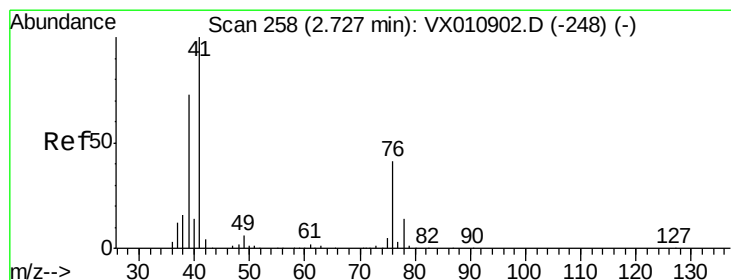
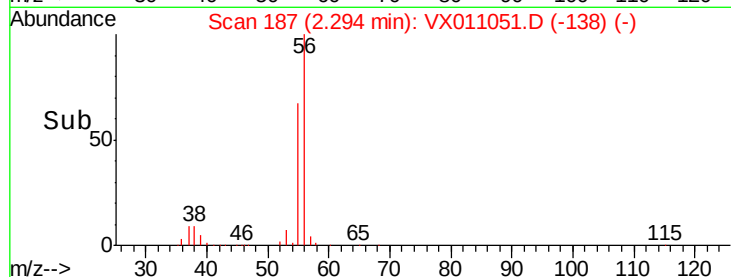
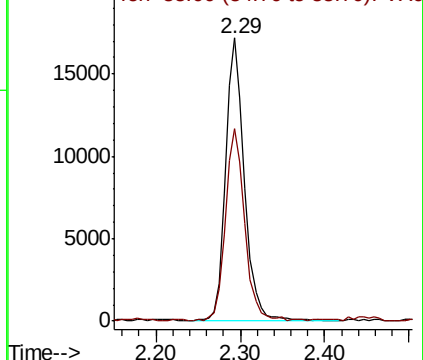
Ion Ratio Lower Upper

56 100

55 69.7 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.511 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

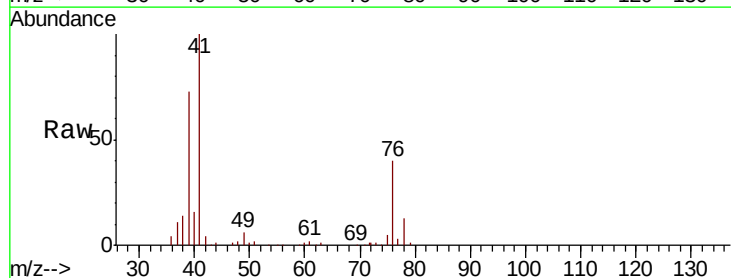
Tgt Ion: 41 Resp: 54150

Ion Ratio Lower Upper

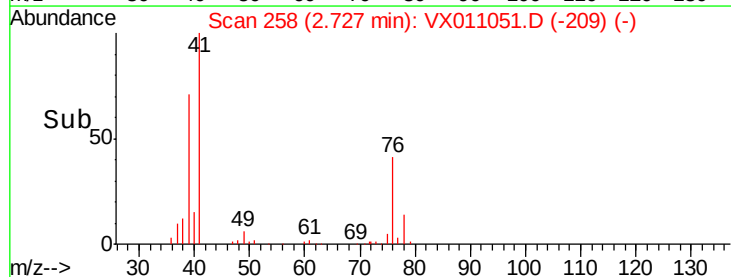
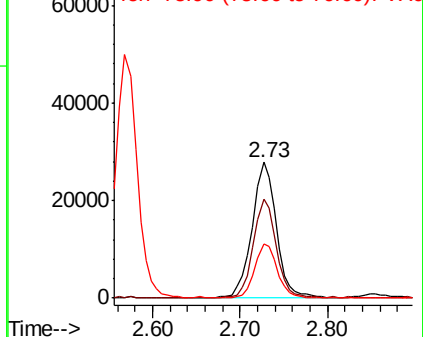
41 100

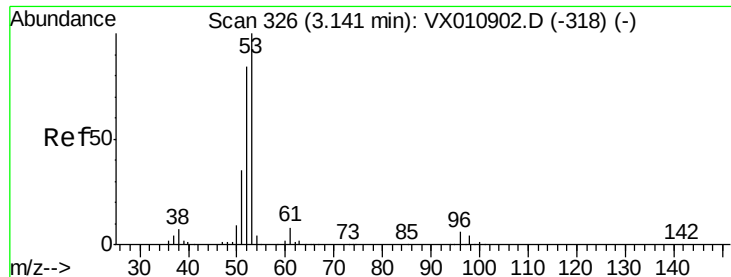
39 67.3 53.6 80.4

76 37.1 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.896 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

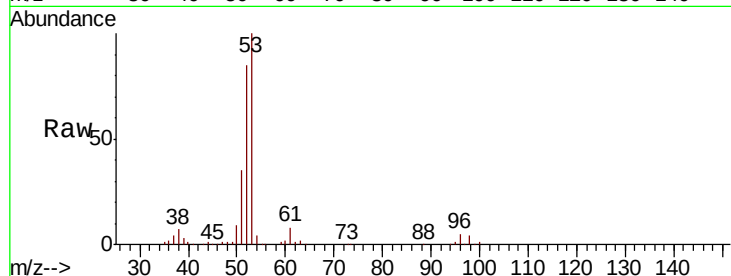
Tot Ion: 53 Resp: 106283

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

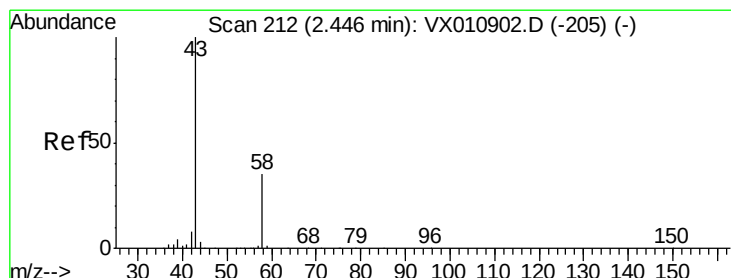
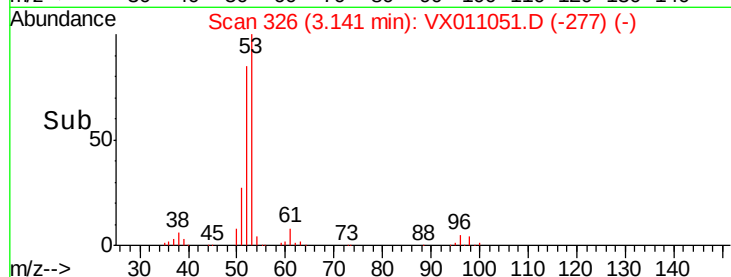
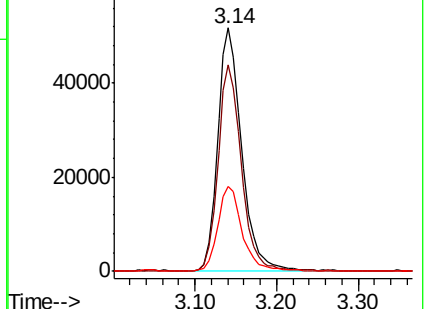
51 35.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.559 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011051.D

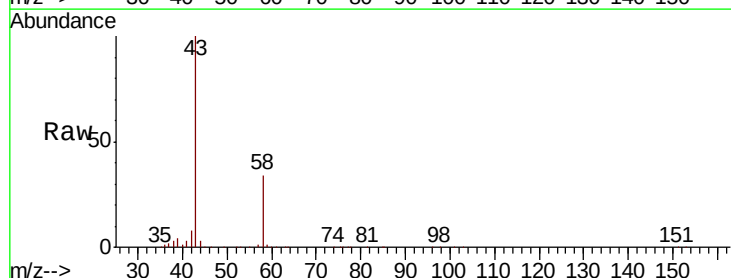
Acq: 23 Jul 2019 11:43

Tgt Ion: 43 Resp: 102723

Ion Ratio Lower Upper

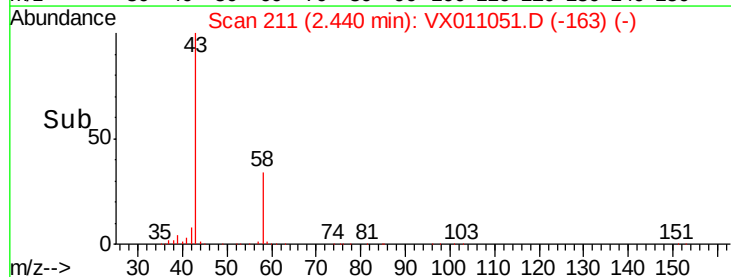
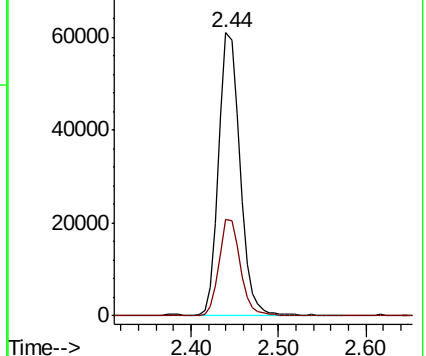
43 100

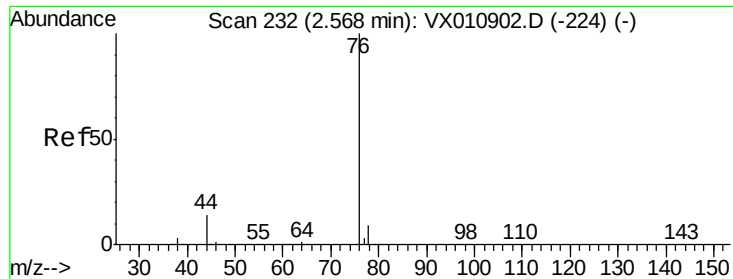
58 34.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.301 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

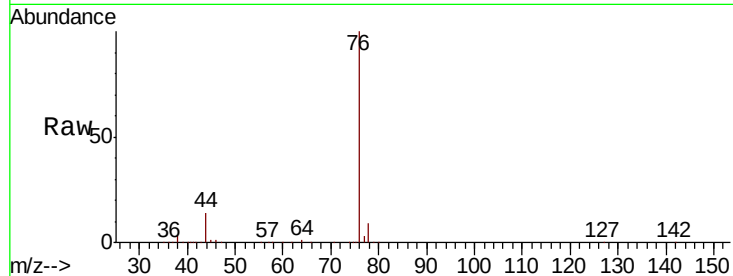
ClientSampled :

Tot Ion: 76 Resp: 84206

Ion Ratio Lower Upper

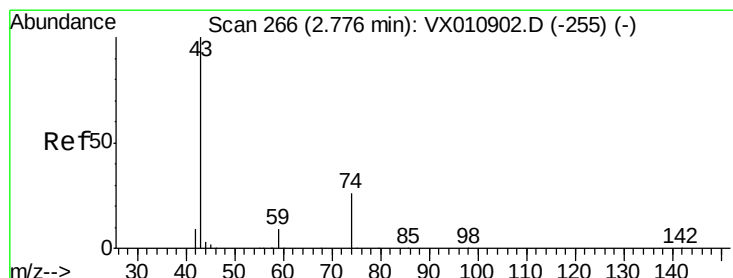
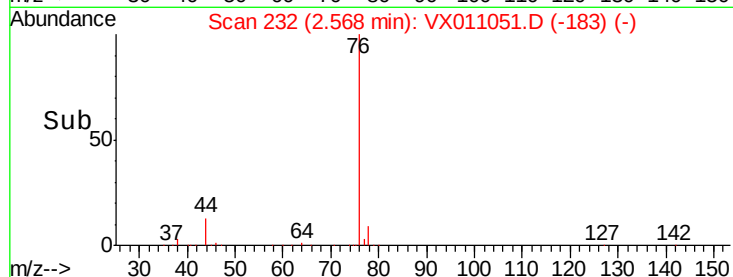
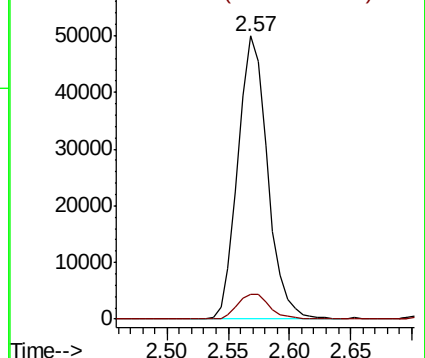
76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.278 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX011051.D

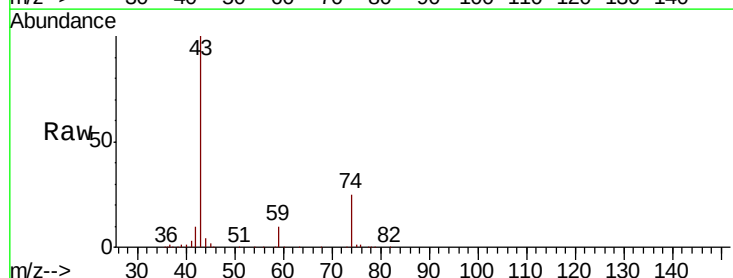
Acq: 23 Jul 2019 11:43

Tgt Ion: 43 Resp: 47687

Ion Ratio Lower Upper

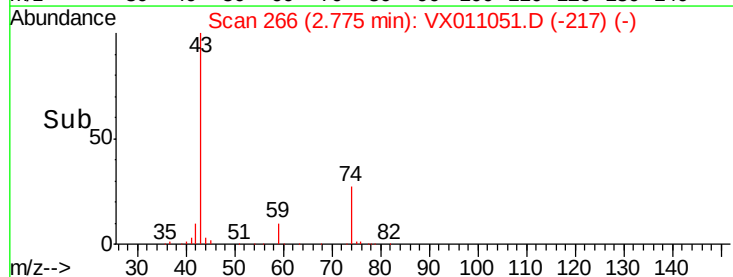
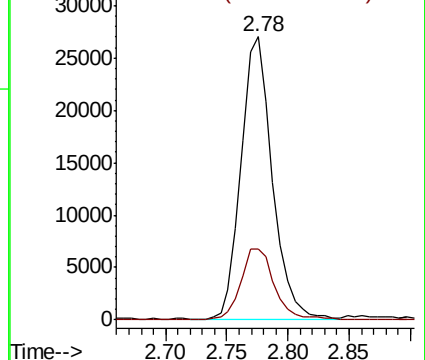
43 100

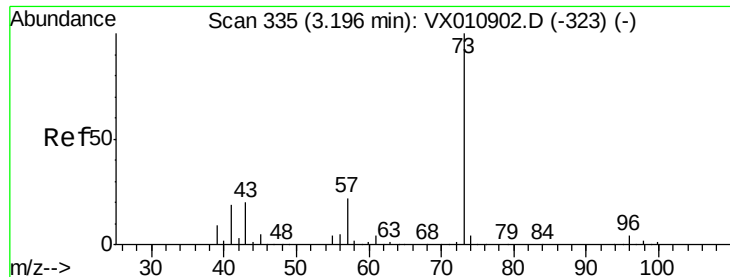
74 27.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

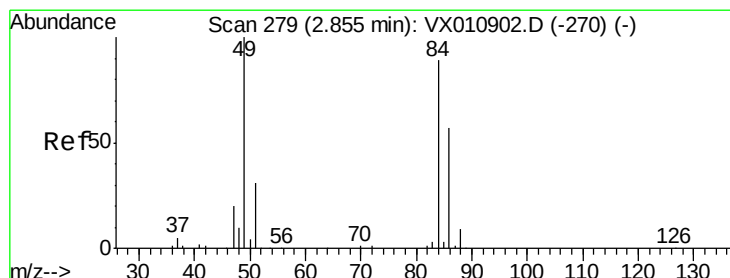
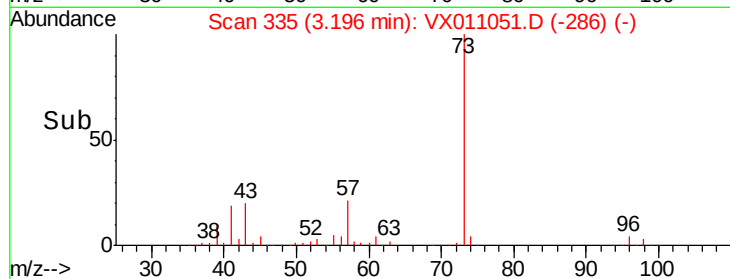
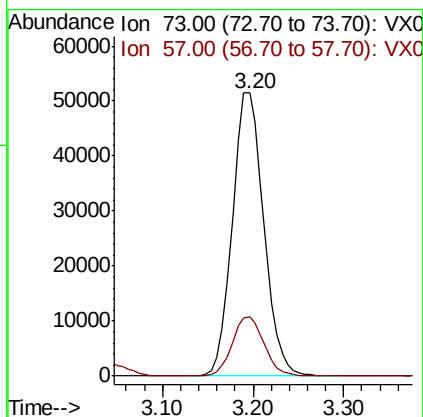
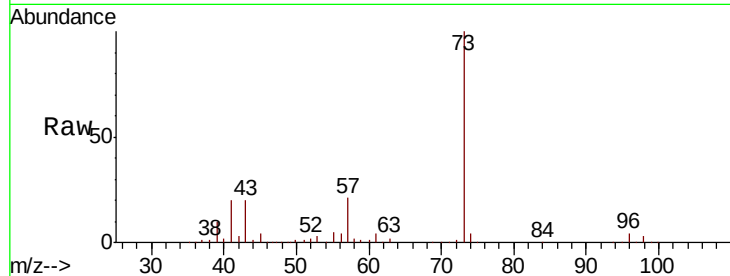




#19
Methyl tert-butyl Ether
Concen: 19.071 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

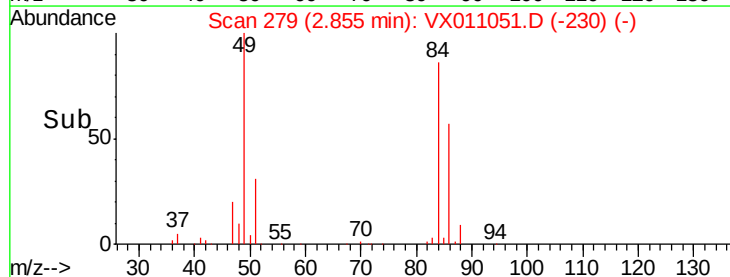
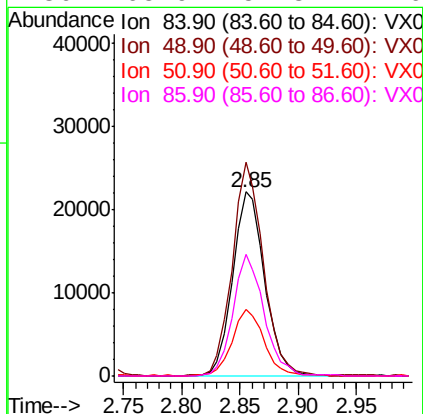
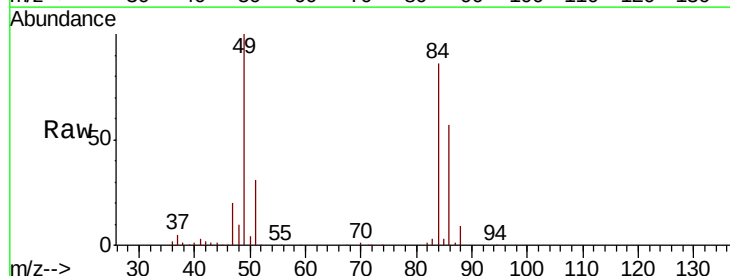
Instrument :
MSVOA_X
ClientSampled :

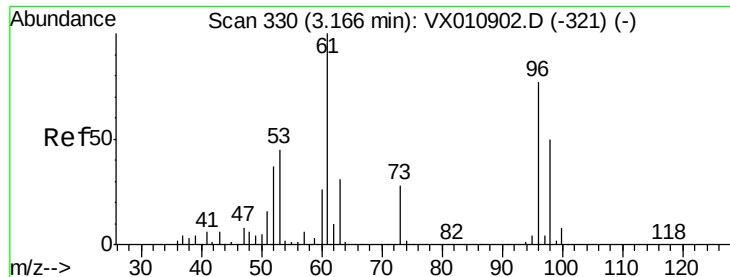
Tot Ion: 73 Resp: 123639
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 18.437 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 84 Resp: 42446
Ion Ratio Lower Upper
84 100
49 115.6 89.9 134.9
51 36.2 27.8 41.6
86 65.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.409 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

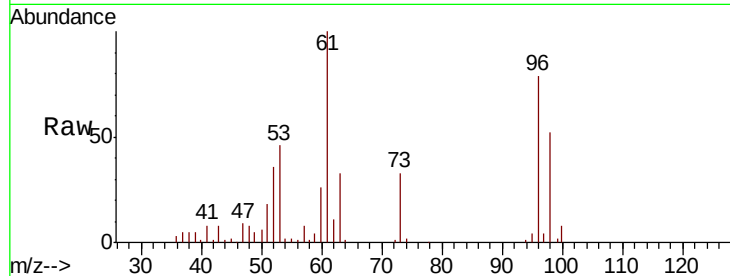
Tot Ion: 96 Resp: 39337

Ion Ratio Lower Upper

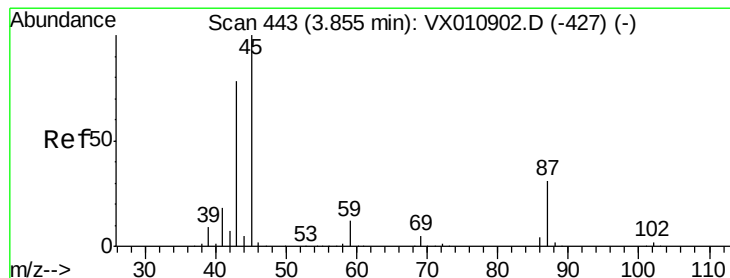
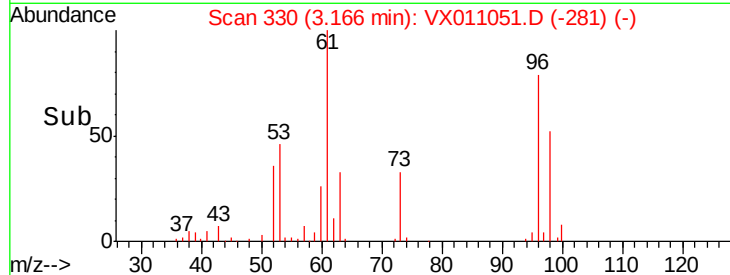
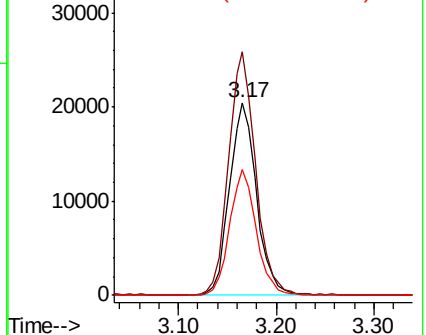
96 100

61 126.2 104.2 156.2

98 65.0 52.2 78.4



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



#22

Diisopropyl ether

Concen: 18.934 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion: 45 Resp: 116816

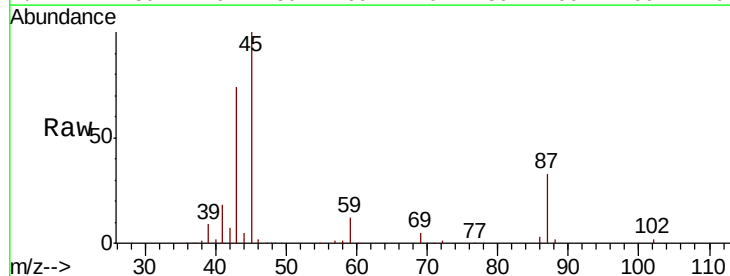
Ion Ratio Lower Upper

45 100

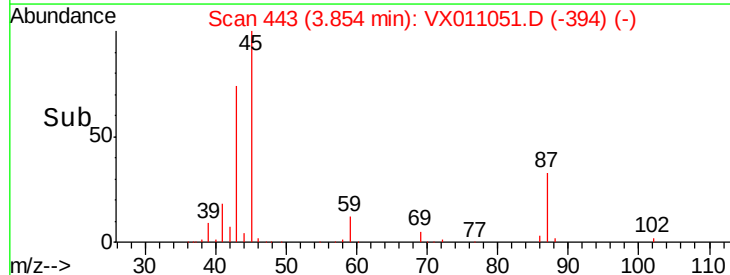
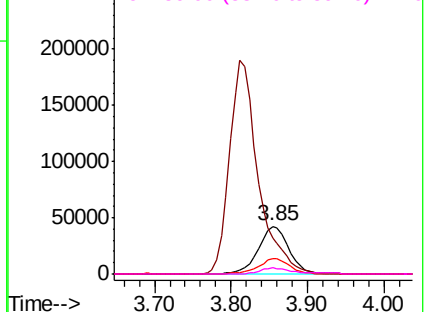
43 73.4 62.3 93.5

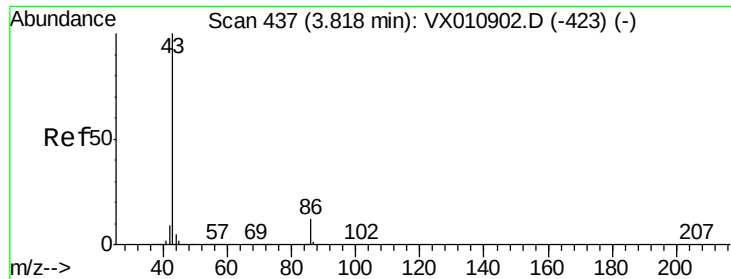
87 33.3 25.0 37.4

59 12.0 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.508 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

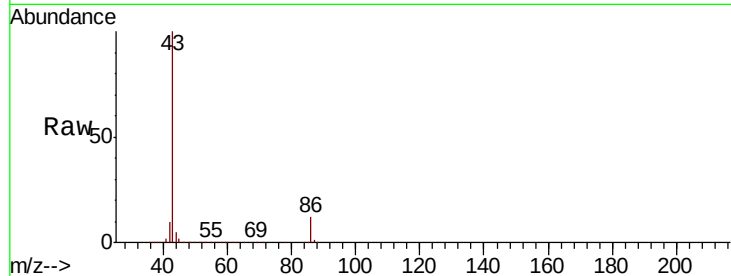
ClientSampleId :

Tot Ion: 43 Resp: 494027

Ion Ratio Lower Upper

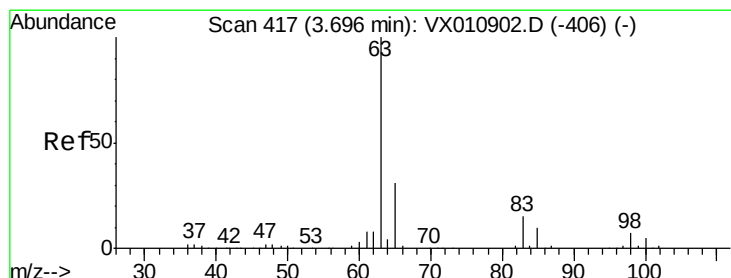
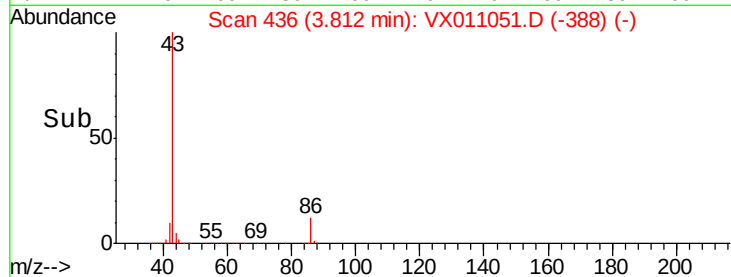
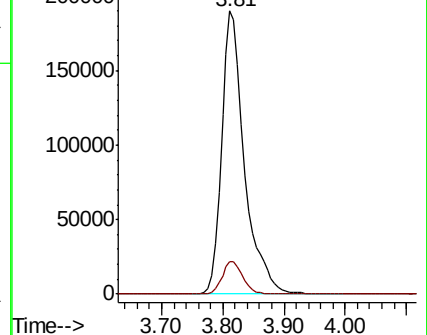
43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.886 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

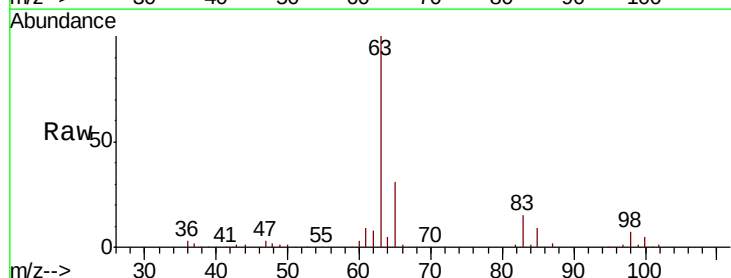
Tgt Ion: 63 Resp: 67667

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

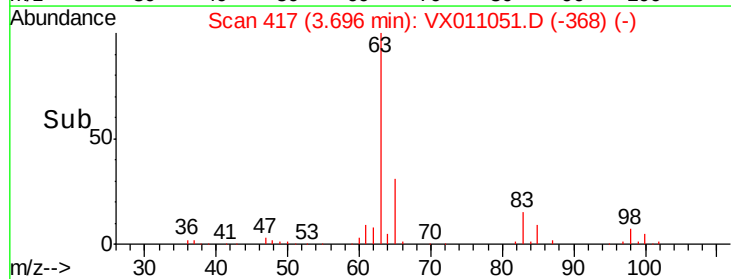
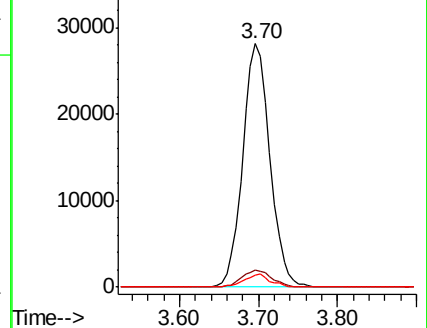
100 4.8 2.4 7.2

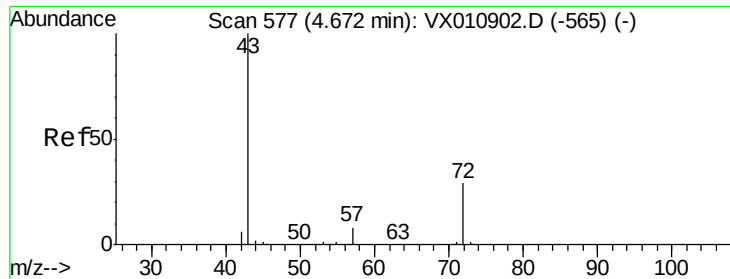


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.109 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

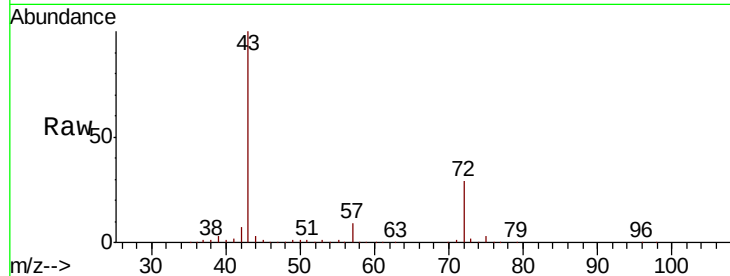
ClientSampled :

Tot Ion: 43 Resp: 149875

Ion Ratio Lower Upper

43 100

72 28.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-565) (-)

Ion 72.00 (71.70 to 72.70): VX010902.D (-565) (-)

4.67

60000

50000

40000

30000

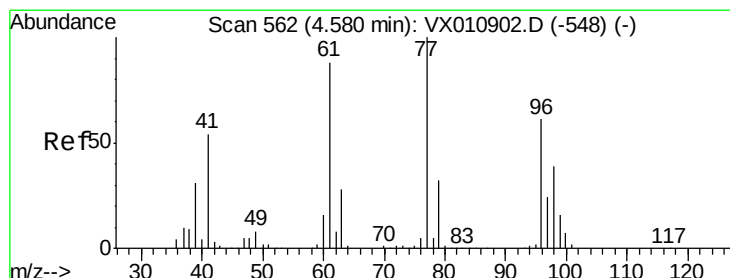
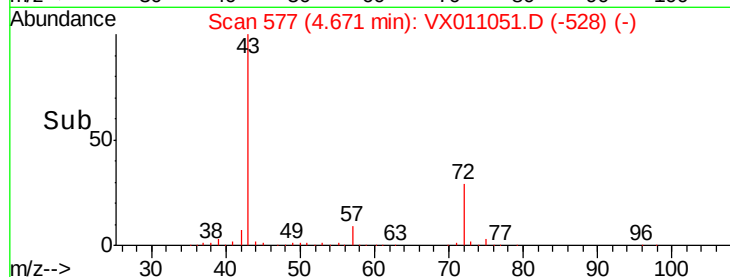
20000

10000

0

4.60 4.65 4.70 4.75 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.580 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011051.D

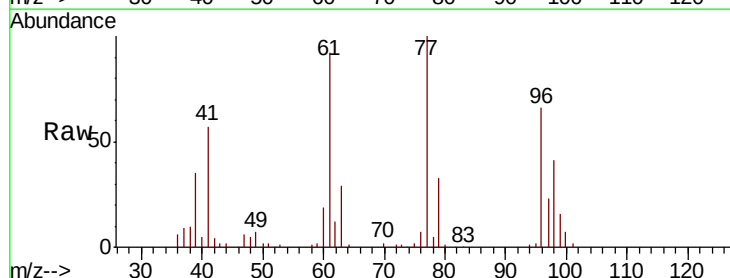
Acq: 23 Jul 2019 11:43

Tgt Ion: 77 Resp: 54660

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX010902.D (-548) (-)

Ion 96.90 (96.60 to 97.60): VX010902.D (-548) (-)

4.58

20000

15000

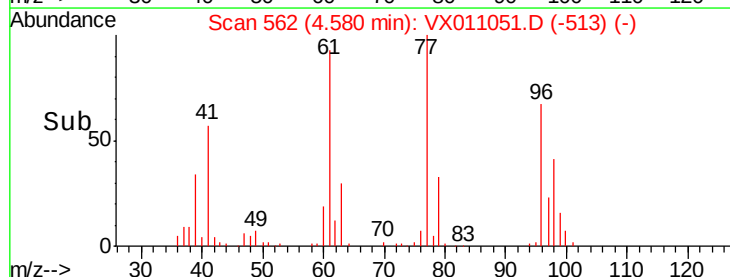
10000

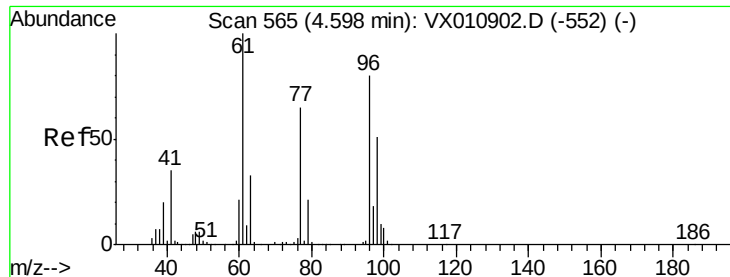
5000

0

4.40 4.45 4.50 4.55 4.60 4.65 4.70

Time-->



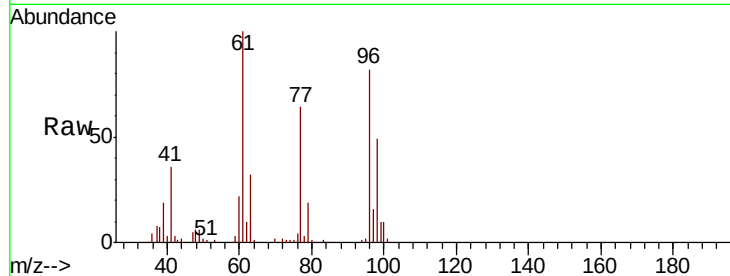


#27

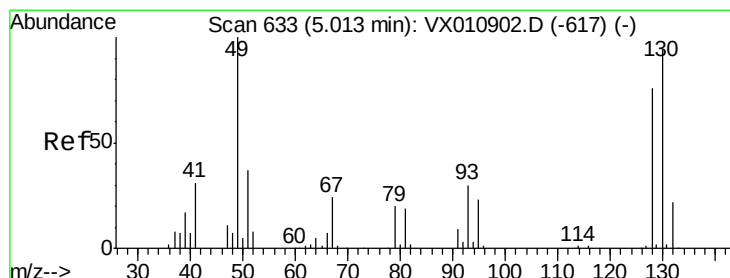
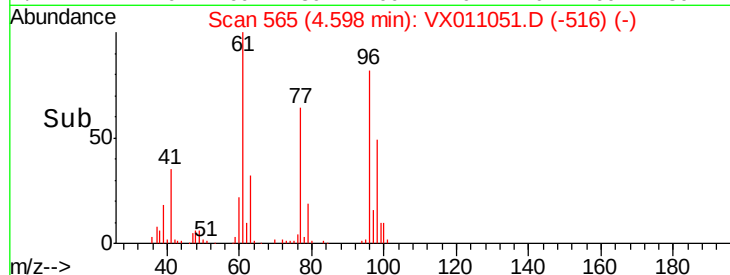
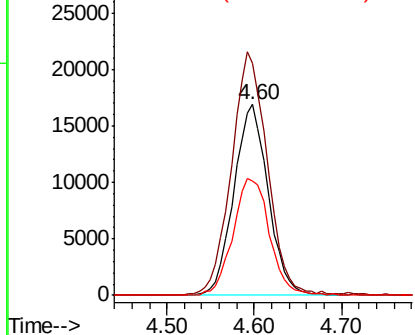
cis-1,2-Dichloroethene
 Concen: 18.673 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 46179
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 269.0
 98 64.9 0.0 131.4



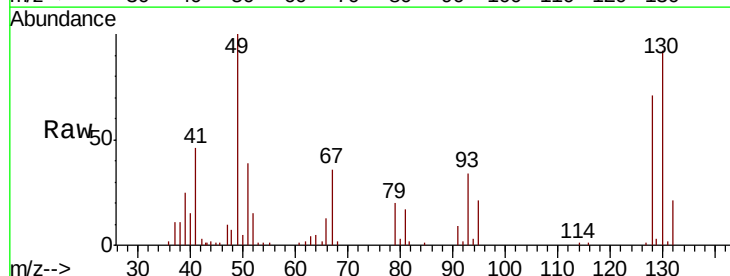
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



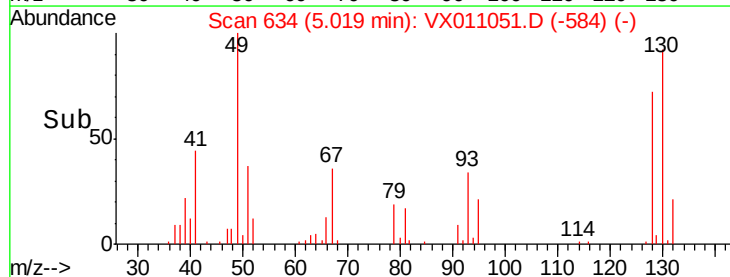
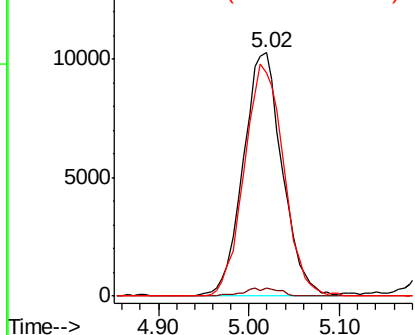
#28

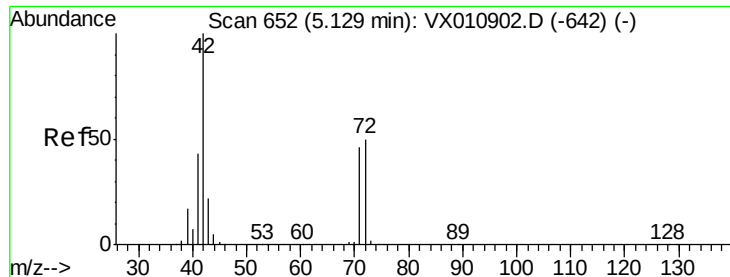
Bromochloromethane
 Concen: 18.229 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 49 Resp: 30778
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 5.2
 130 95.5 76.9 115.3



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

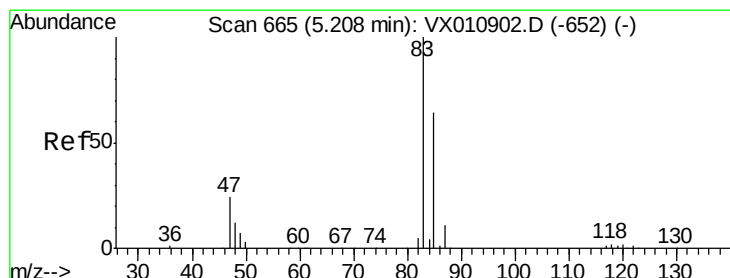
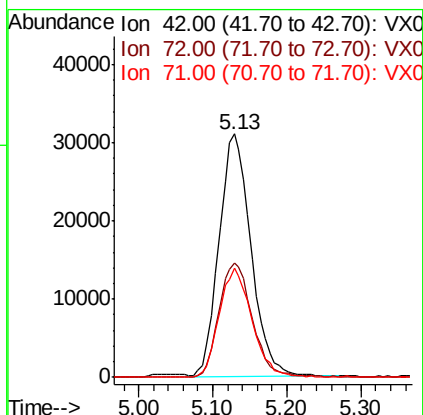
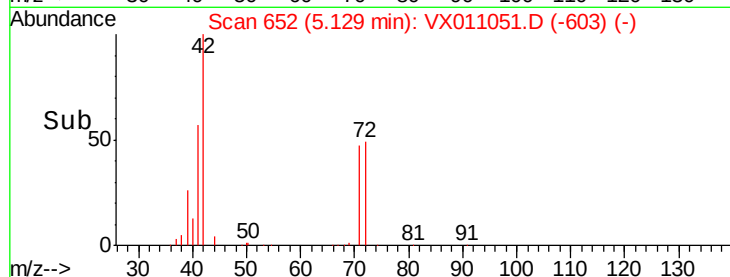
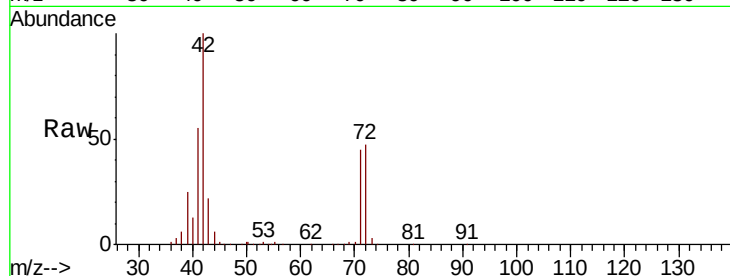




#29
Tetrahydrofuran
Concen: 93.853 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

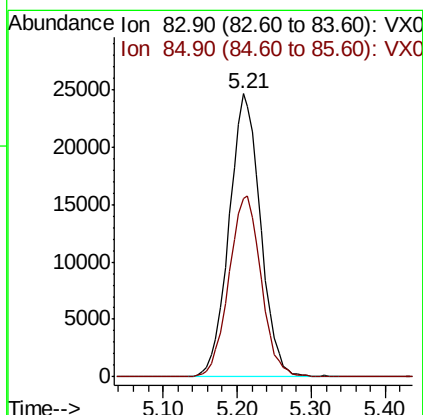
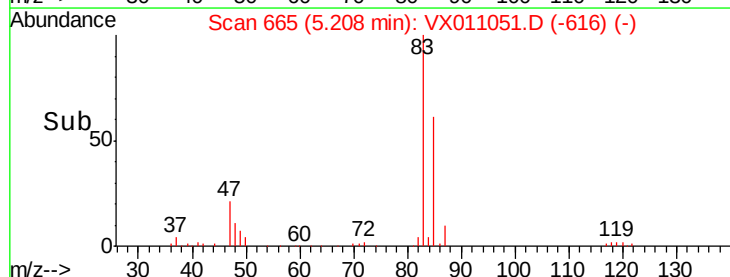
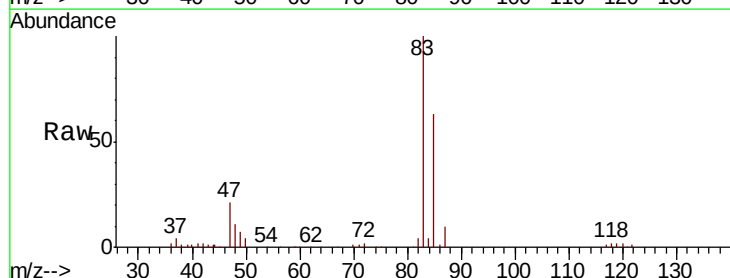
Instrument :
MSVOA_X
ClientSampleId :

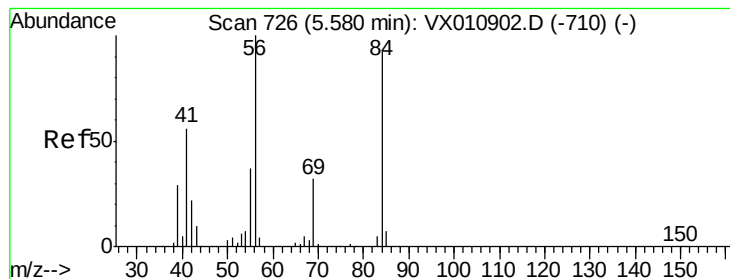
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	39.8	59.8
71	45.9	37.0	55.4



#30
Chloroform
Concen: 18.760 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0





#31

Cyclohexane

Concen: 18.518 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

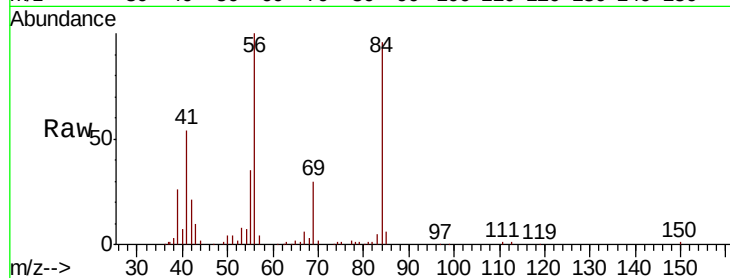
Tot Ion: 56 Resp: 60475

Ion Ratio Lower Upper

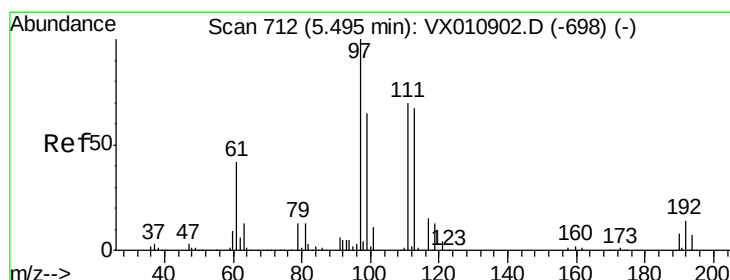
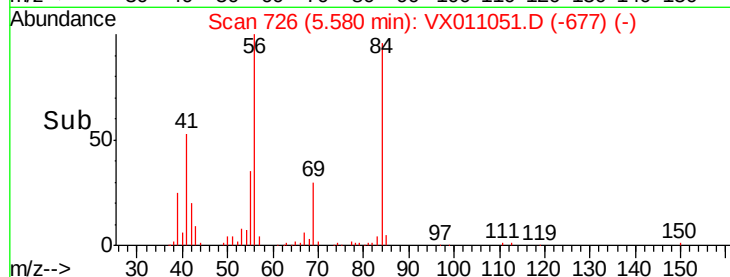
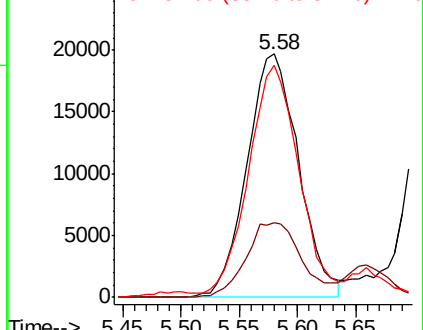
56 100

69 30.0 25.8 38.8

84 93.5 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.716 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

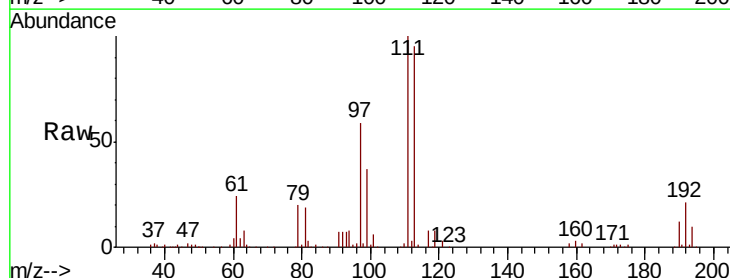
Tgt Ion: 97 Resp: 62710

Ion Ratio Lower Upper

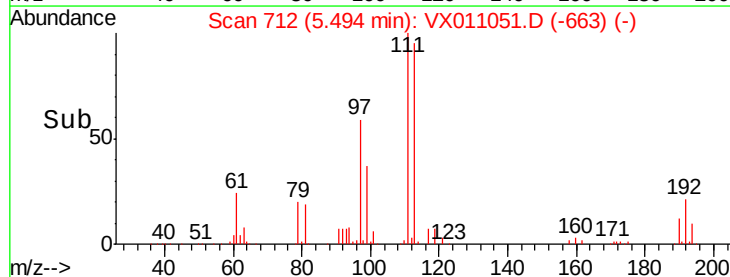
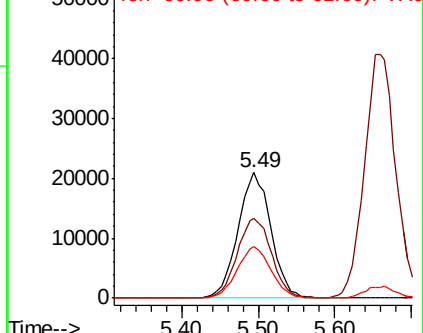
97 100

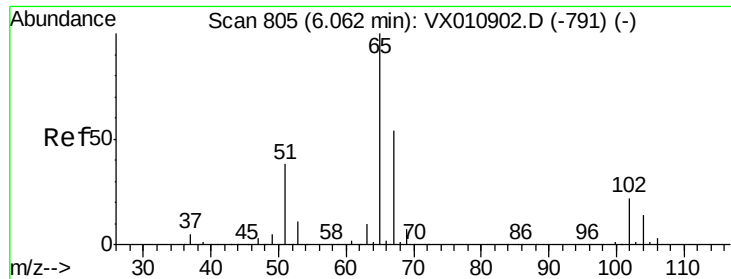
99 65.9 51.4 77.0

61 42.3 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

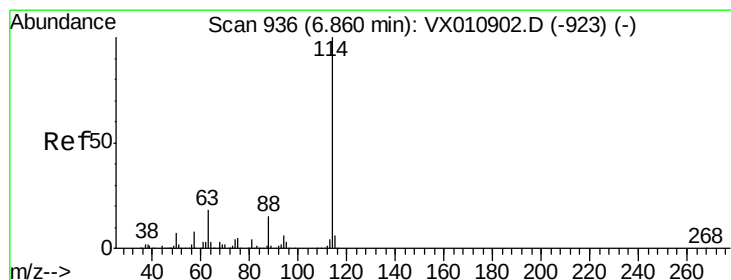
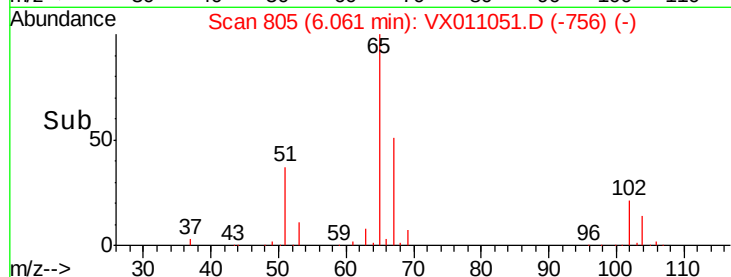
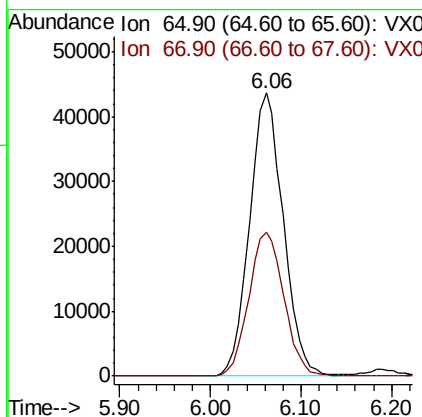
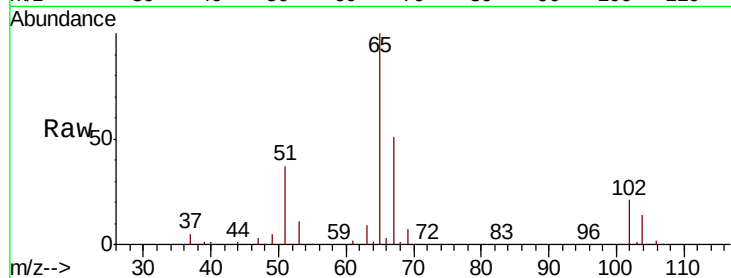




#33
 1,2-Dichloroethane-d4
 Concen: 46.684 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

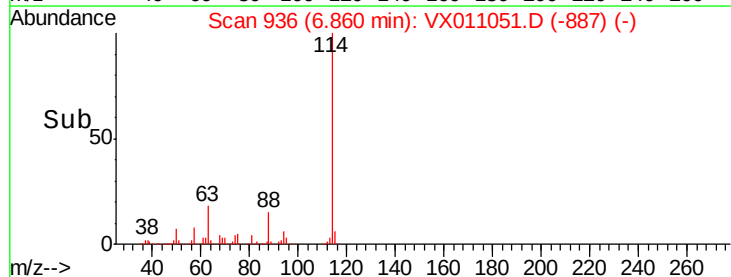
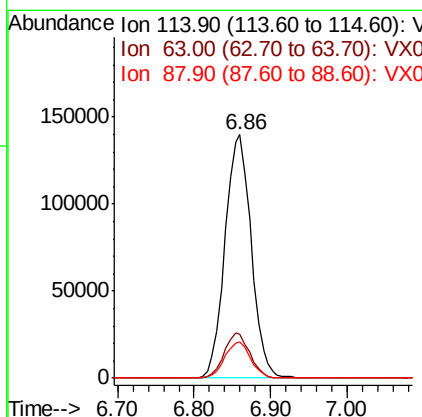
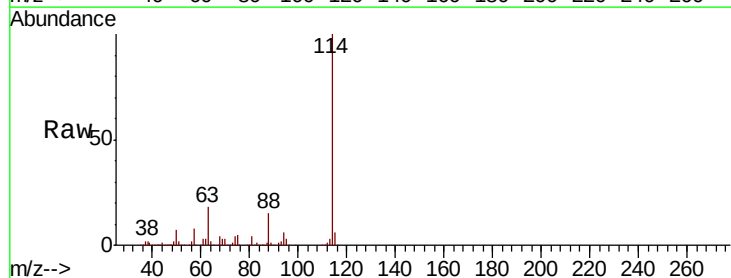
Instrument :
 MSVOA_X
 ClientSampleId :

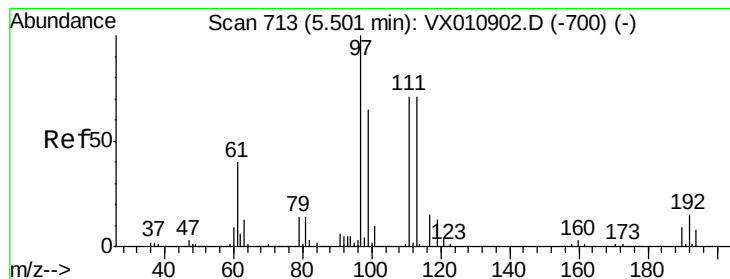
Tot Ion: 65 Resp: 112289
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 114 Resp: 331153
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.664 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

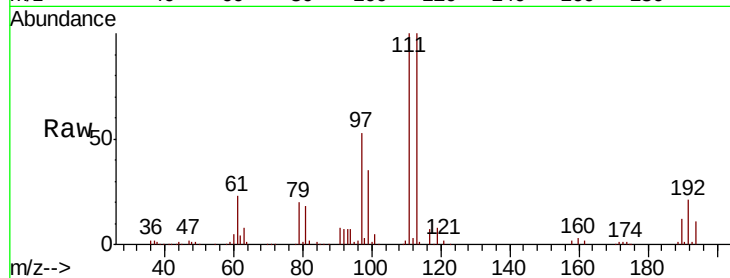
Tot Ion:113 Resp: 102286

Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

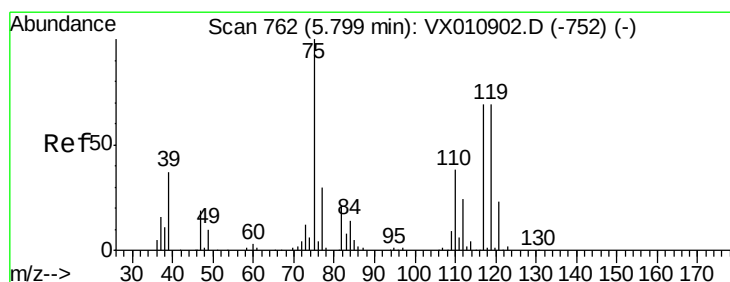
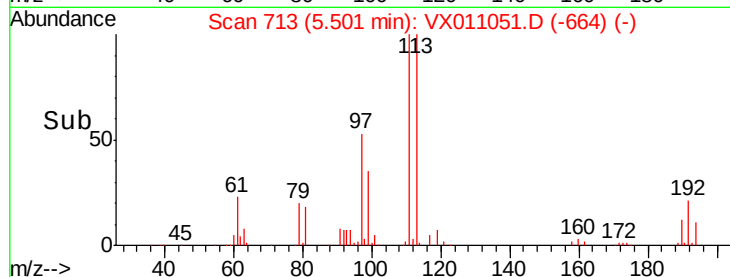
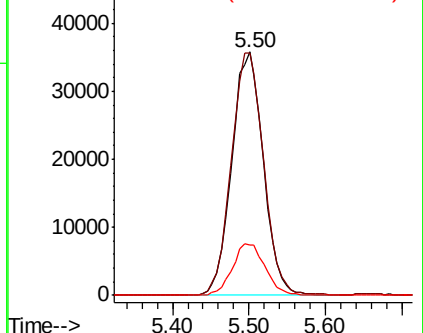
192 21.9 17.4 26.2



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: 19.169 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

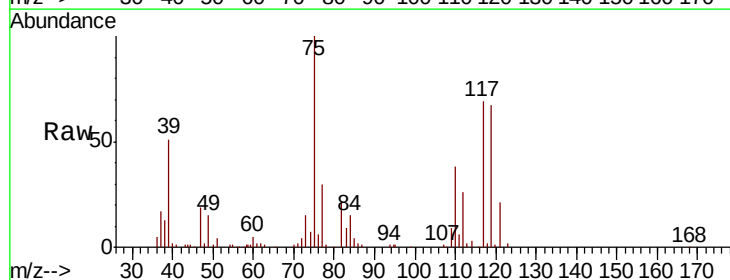
Tgt Ion: 75 Resp: 52141

Ion Ratio Lower Upper

75 100

110 39.8 19.9 59.7

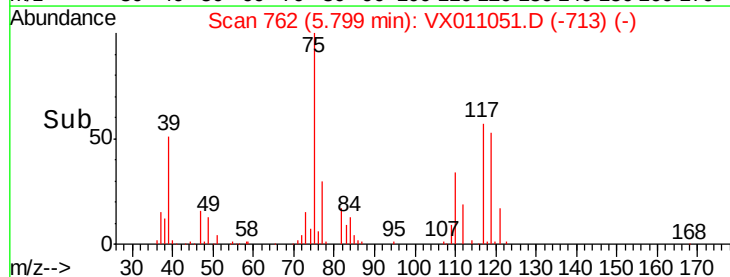
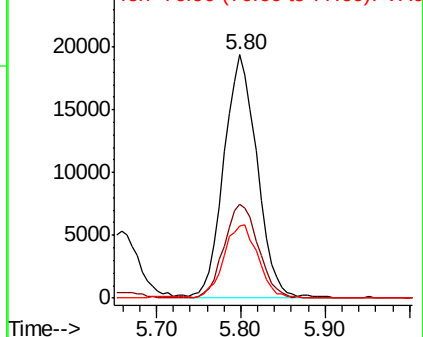
77 31.2 25.0 37.4

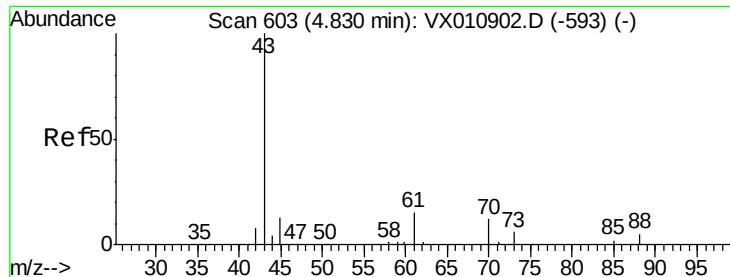


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

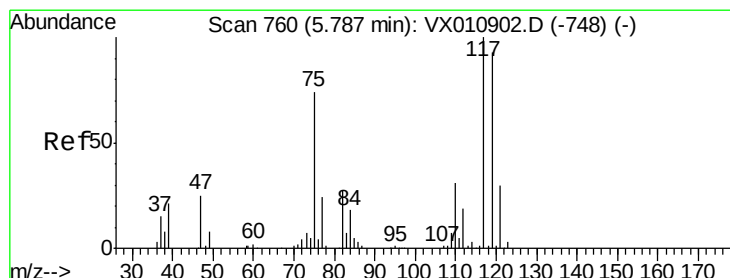
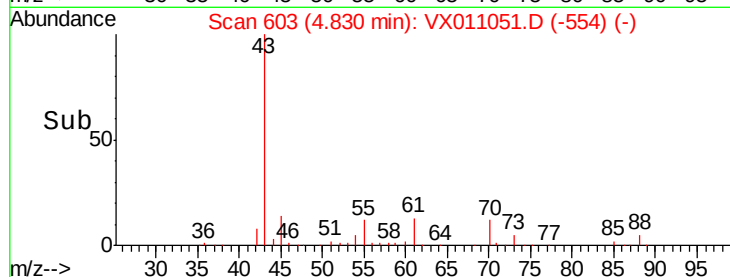
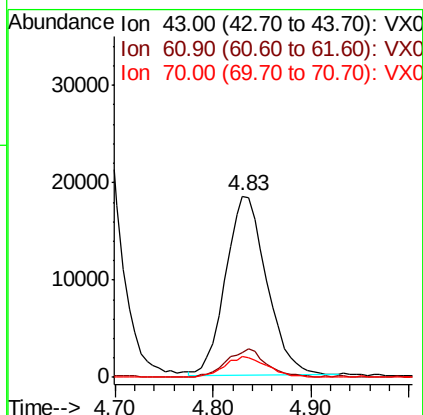
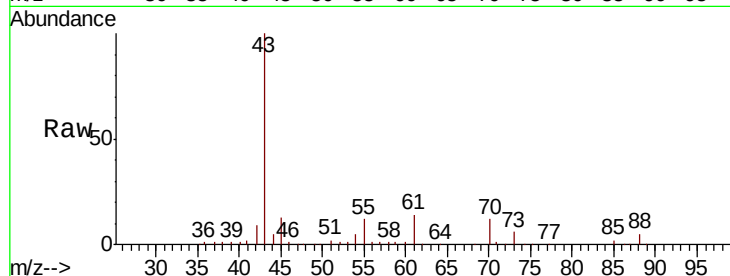




#37
Ethyl Acetate
Concen: 19.276 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

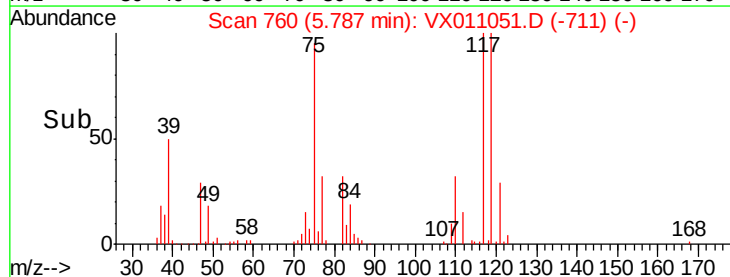
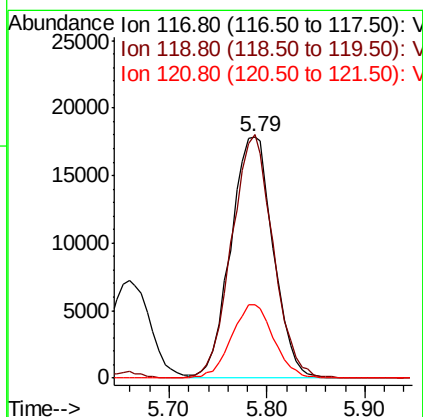
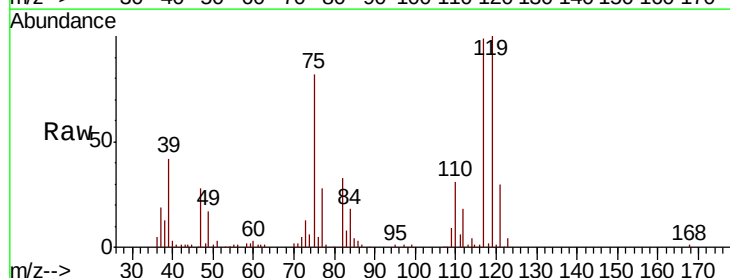
Instrument :
MSVOA_X
ClientSampleId :

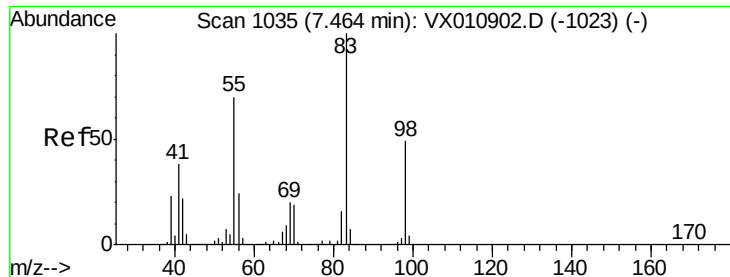
Tot Ion: 43 Resp: 53689
Ion Ratio Lower Upper
43 100
61 15.5 11.6 17.4
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.958 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 117 Resp: 53736
Ion Ratio Lower Upper
117 100
119 100.9 74.2 111.2
121 30.3 24.2 36.2

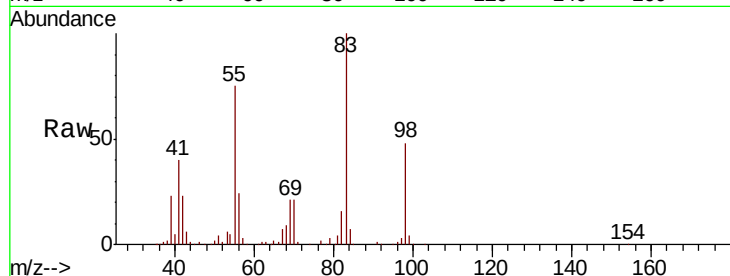




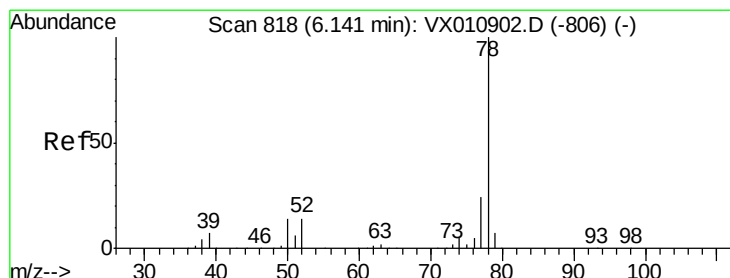
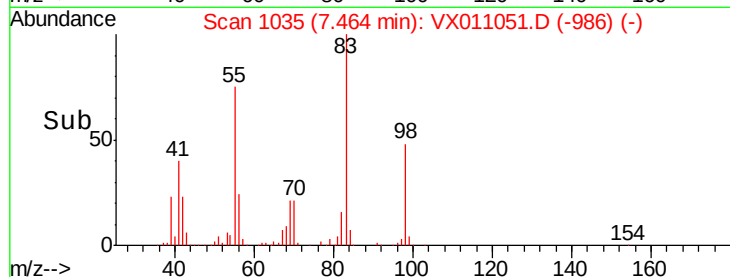
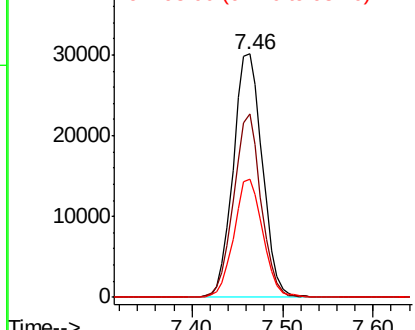
#39
Methylvlcyclohexane
Concen: 19.047 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 67189
Ion Ratio Lower Upper
83 100
55 75.1 56.2 84.4
98 48.4 39.0 58.4

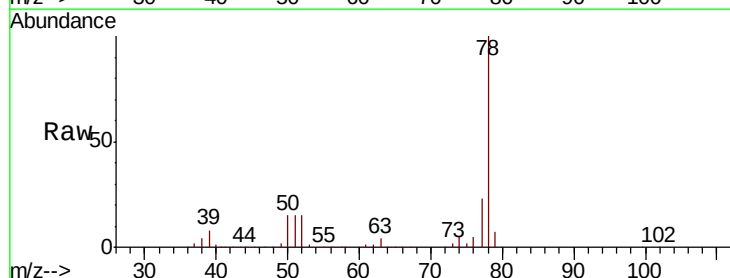


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

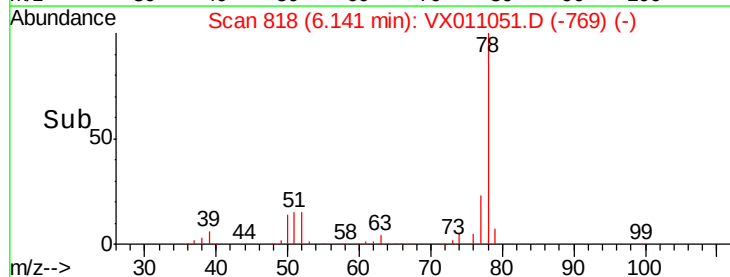
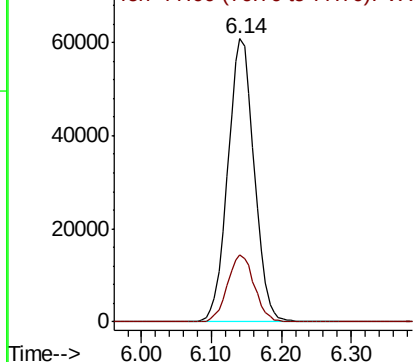


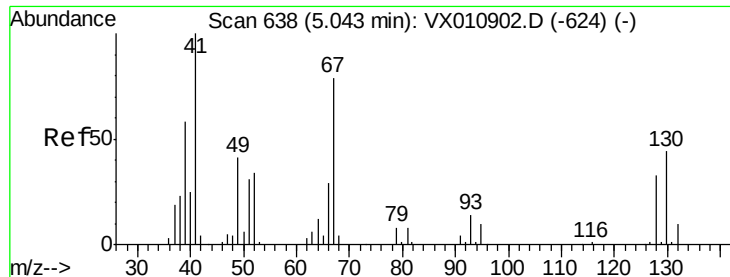
#40
Benzene
Concen: 19.053 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 78 Resp: 158756
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.529 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 29298

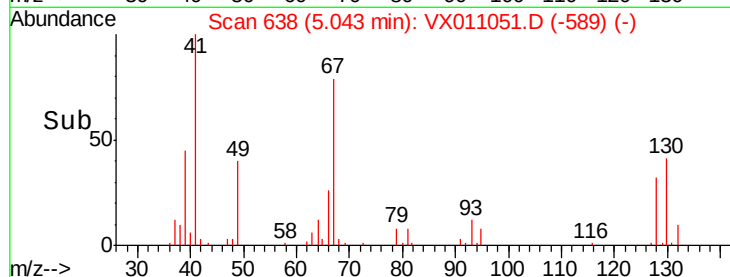
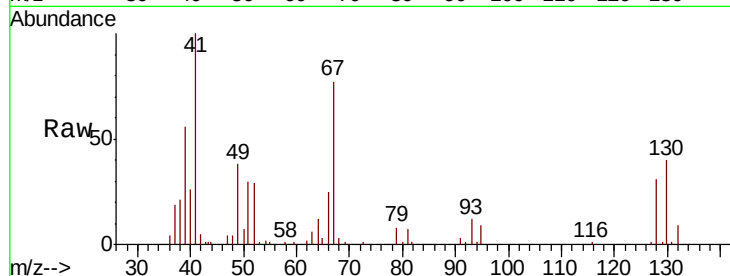
Ion Ratio Lower Upper

41 100

39 56.3 45.4 68.2

67 79.5 65.9 98.9

52 33.1 26.2 39.2

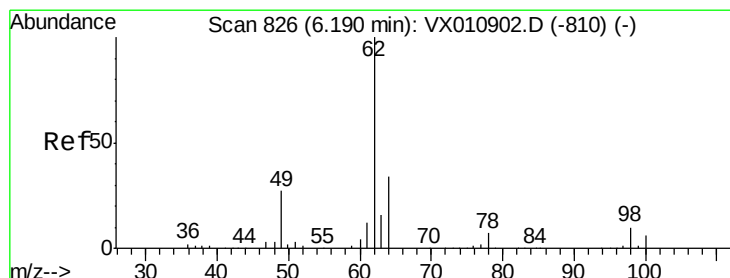
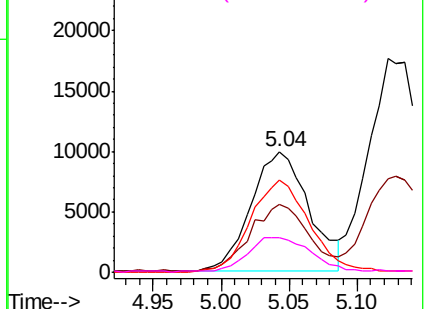


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.544 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011051.D

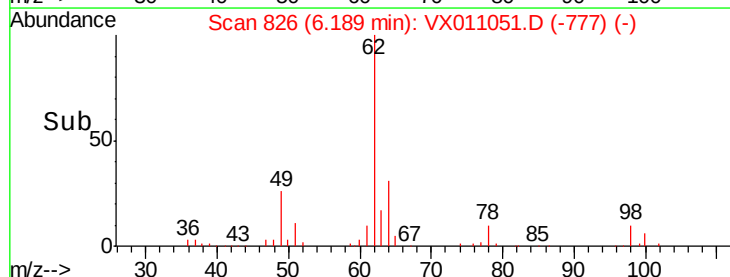
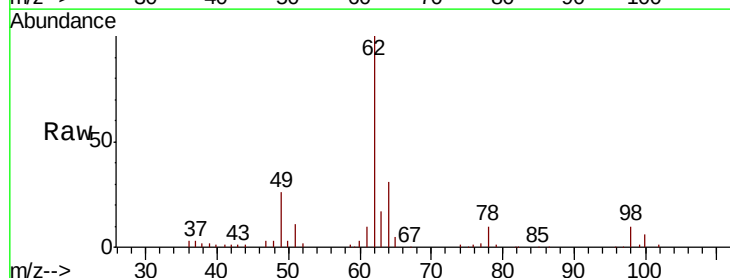
Acq: 23 Jul 2019 11:43

Tgt Ion: 62 Resp: 56621

Ion Ratio Lower Upper

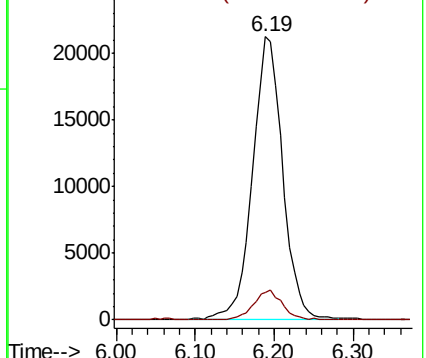
62 100

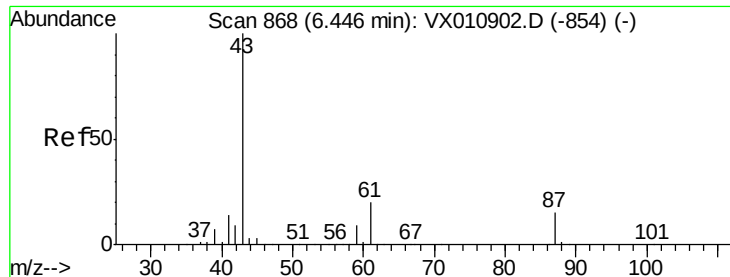
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



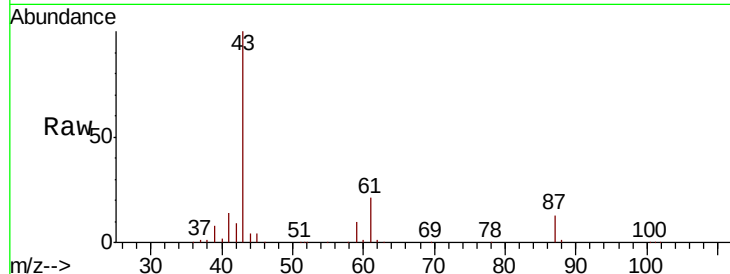


#43

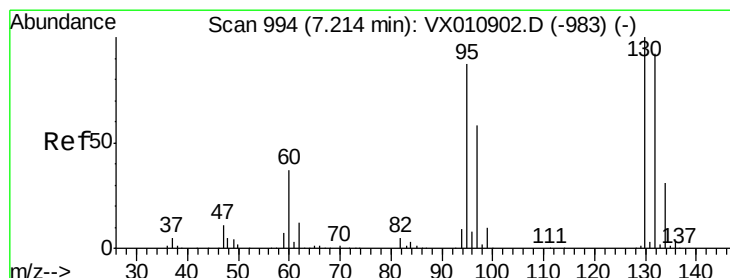
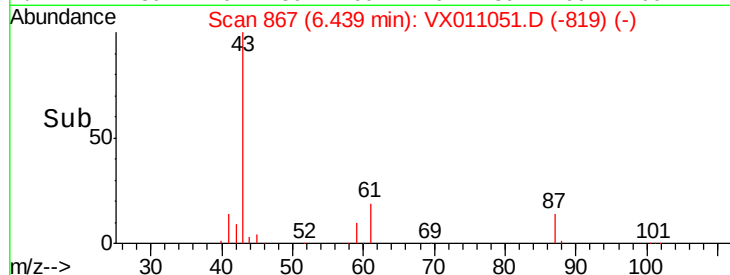
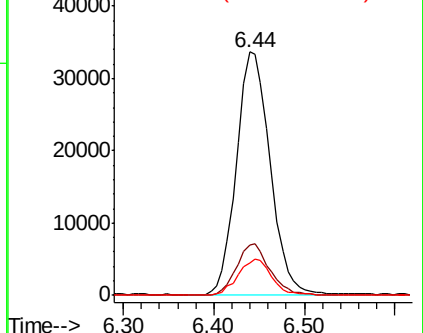
Isopropyl Acetate
 Concen: 18.890 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 86515
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.1 25.7
 87 15.0 12.0 18.0



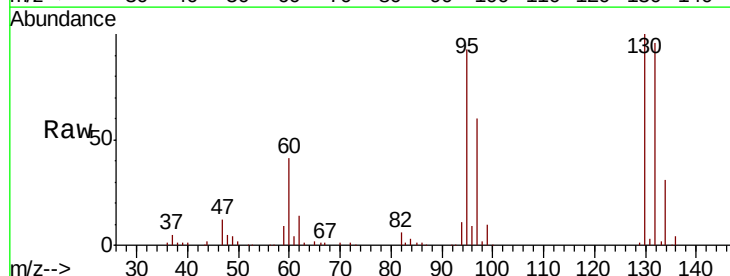
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



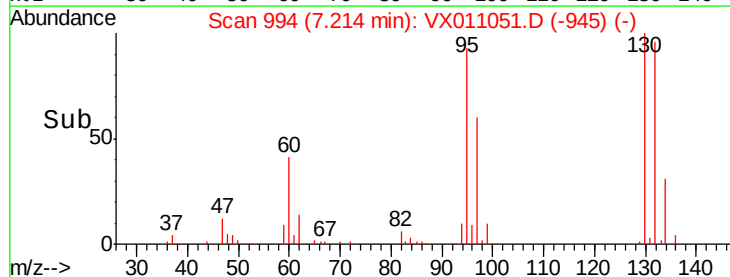
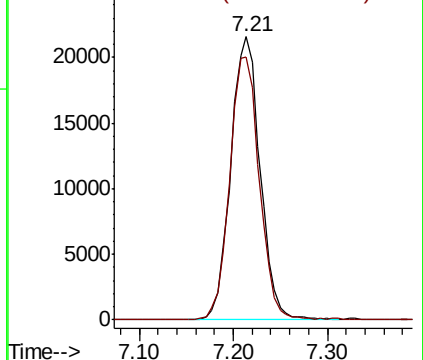
#44

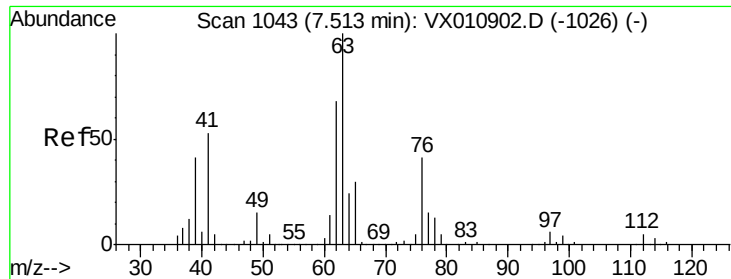
Trichloroethene
 Concen: 18.933 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 130 Resp: 46697
 Ion Ratio Lower Upper
 130 100
 95 92.7 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

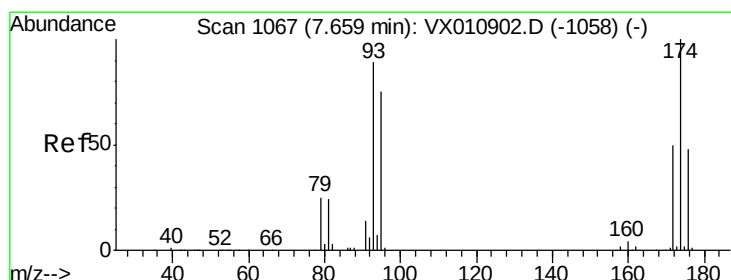
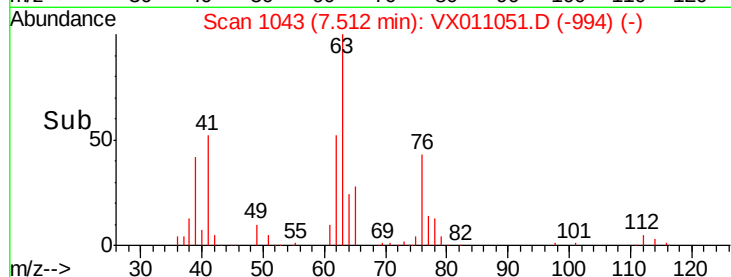
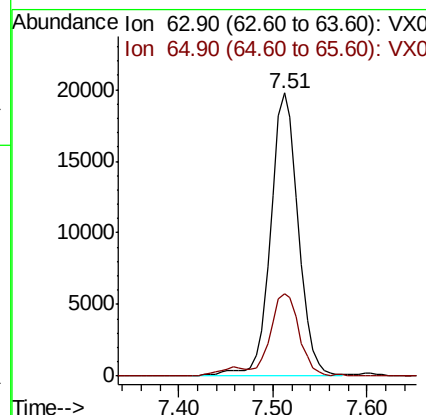
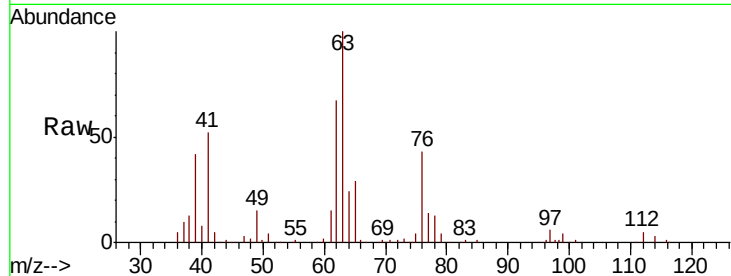




#45
 1,2-Dichloropropane
 Concen: 19.219 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

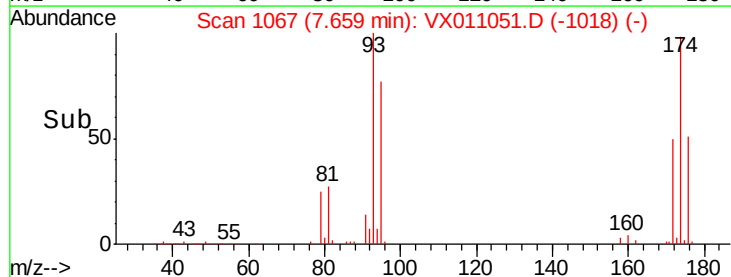
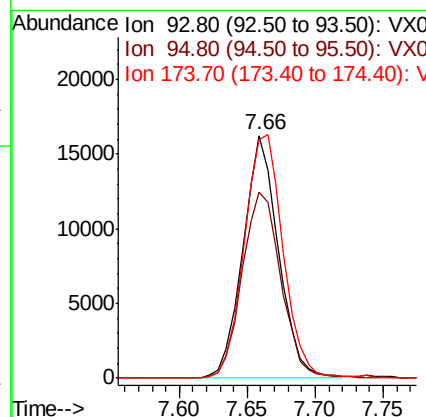
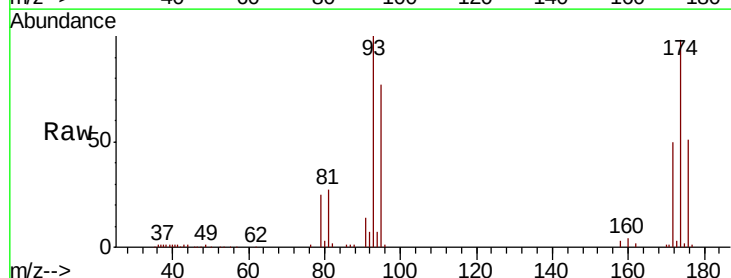
Instrument :
 MSVOA_X
 ClientSampled :

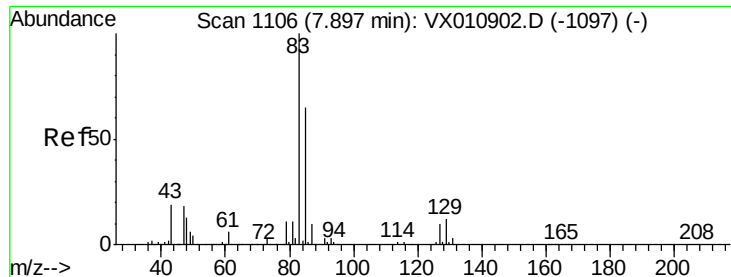
Tot Ion: 63 Resp: 40759
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.4 36.6



#46
 Dibromomethane
 Concen: 19.535 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 93 Resp: 29604
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 110.4 90.6 135.8





#47

Bromodichloromethane

Concen: 19.305 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

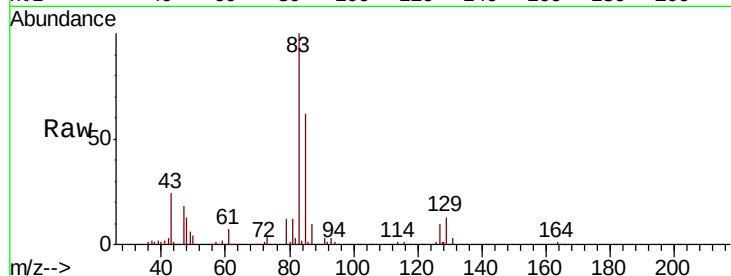
Tot Ion: 83 Resp: 52077

Ion Ratio Lower Upper

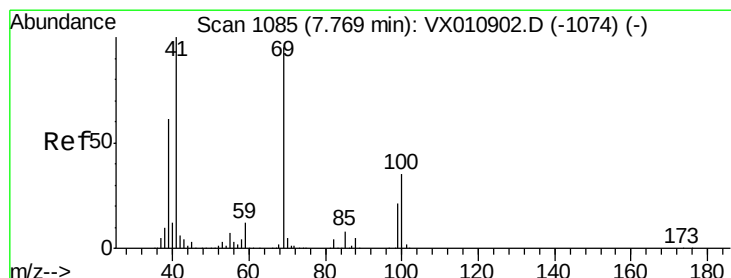
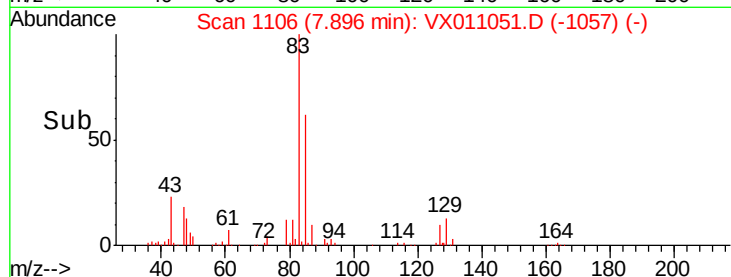
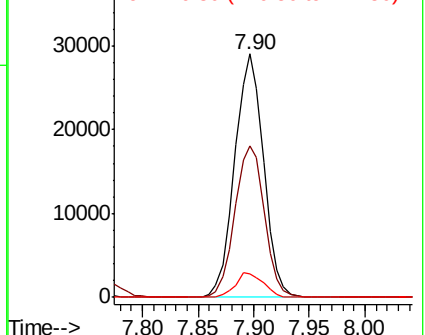
83 100

85 62.3 52.5 78.7

127 9.8 7.8 11.8



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: 18.671 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

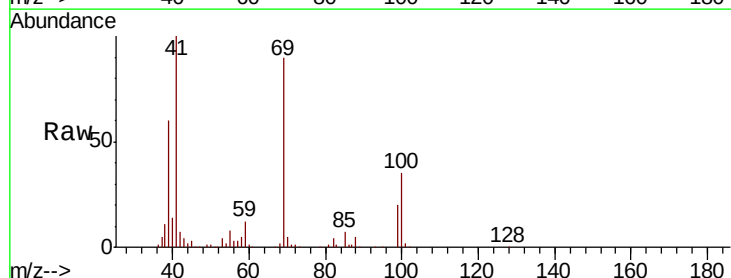
Tgt Ion: 41 Resp: 41657

Ion Ratio Lower Upper

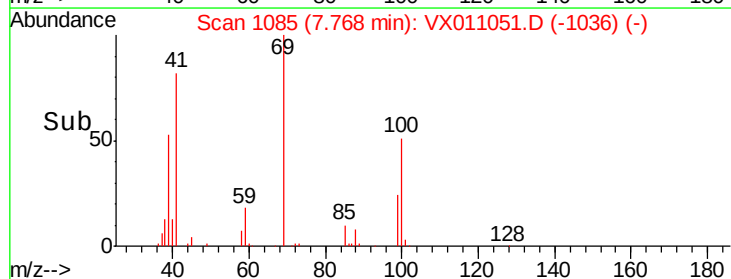
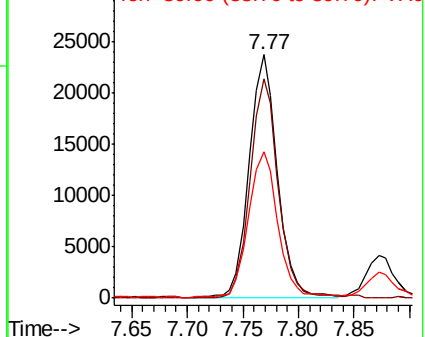
41 100

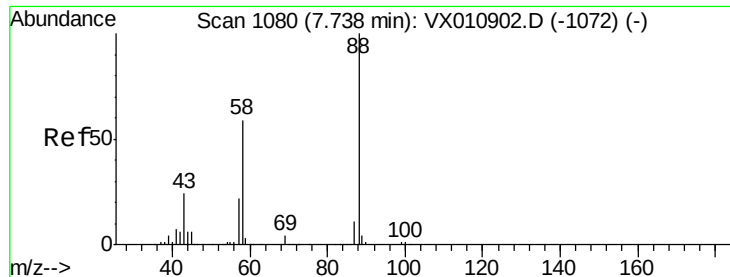
69 90.5 74.4 111.6

39 61.6 48.9 73.3



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

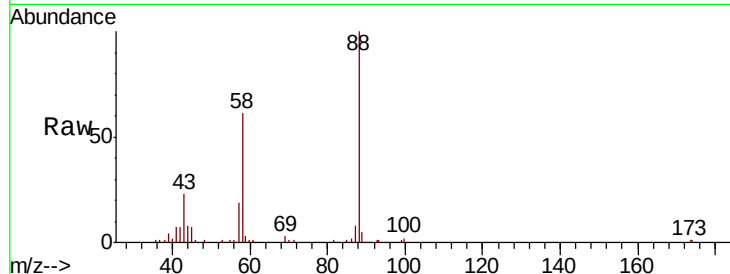




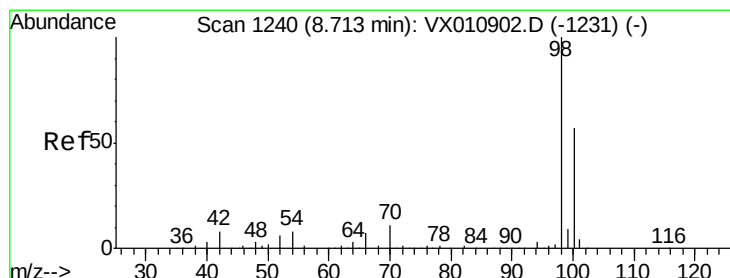
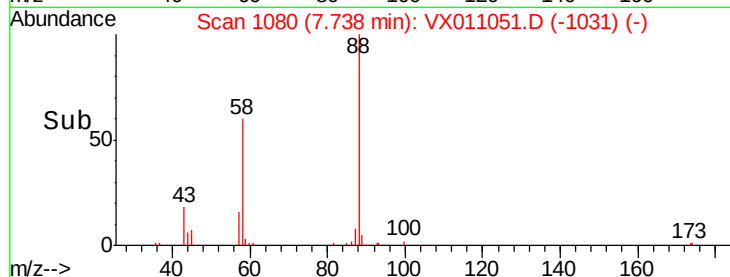
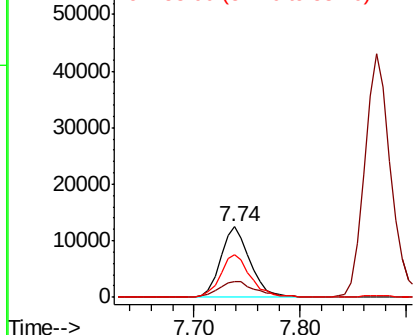
#49
1,4-Dioxane
Concen: 381.578 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 23814
Ion Ratio Lower Upper
88 100
43 29.4 22.9 34.3
58 62.6 49.8 74.8

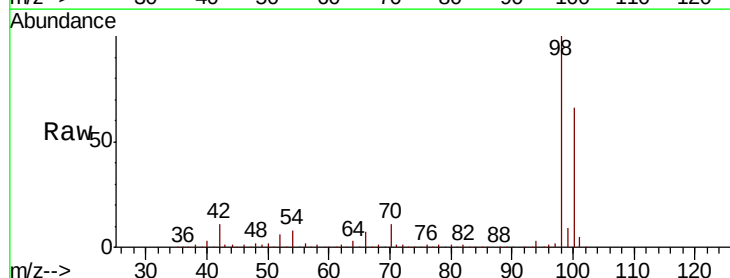


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

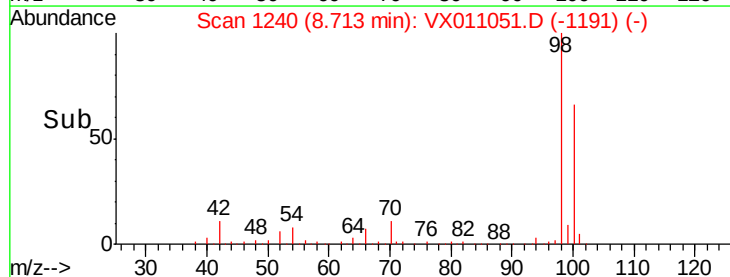
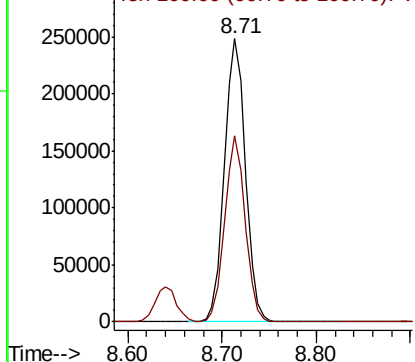


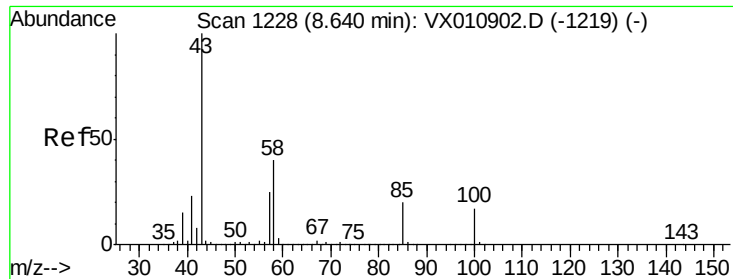
#50
Toluene-d8
Concen: 48.506 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 98 Resp: 382392
Ion Ratio Lower Upper
98 100
100 64.2 50.6 75.8



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





#51

4-Methyl-2-Pentanone

Concen: 97.603 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

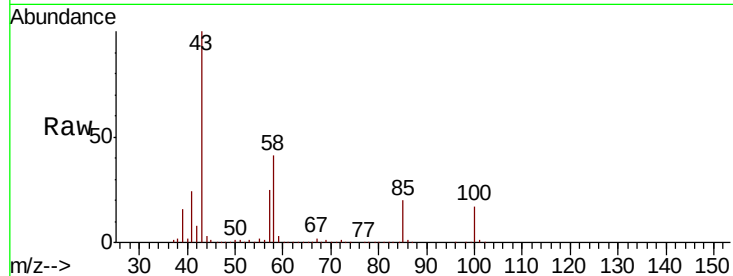
ClientSampled :

Tot Ion: 43 Resp: 289771

Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

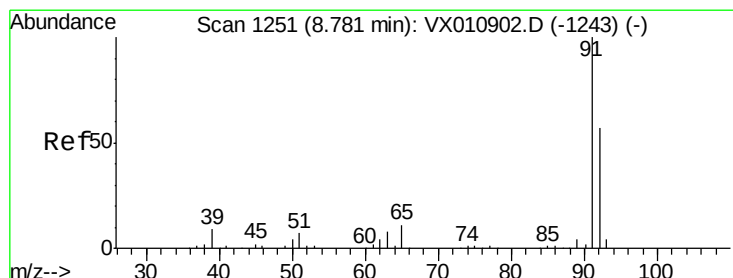
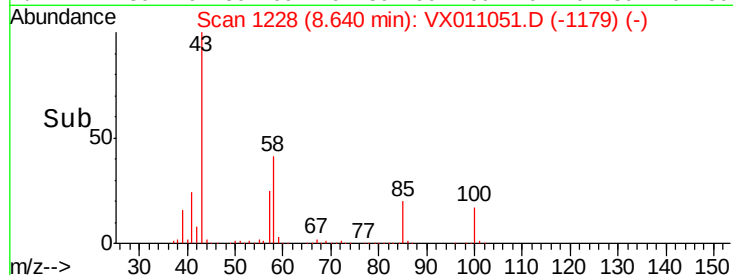
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.223 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011051.D

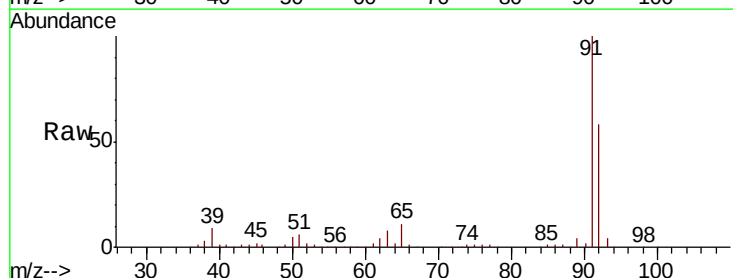
Acq: 23 Jul 2019 11:43

Tgt Ion: 92 Resp: 105224

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

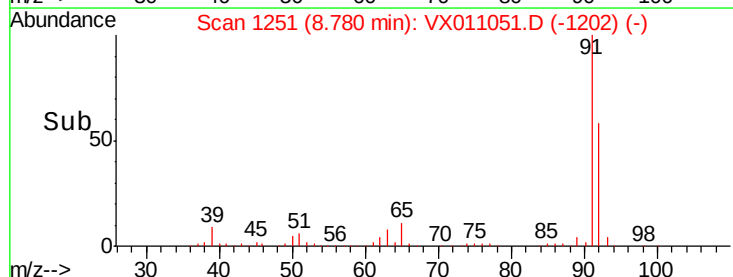
8.78

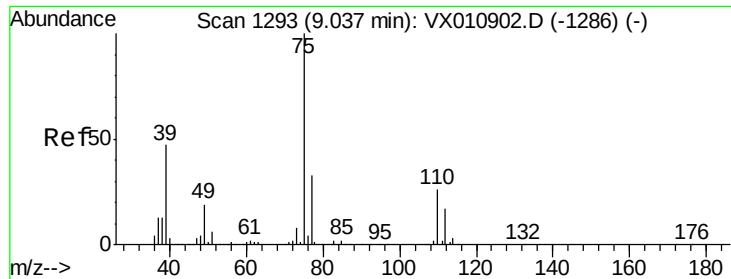
100000

50000

0

Time-->

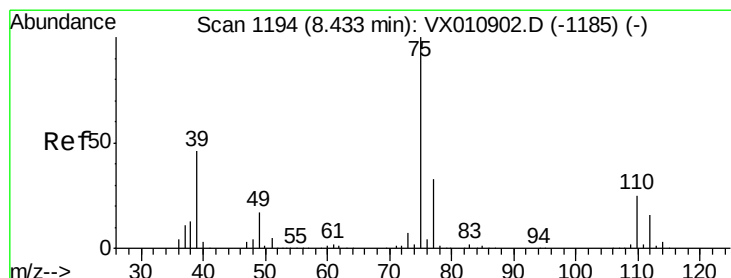
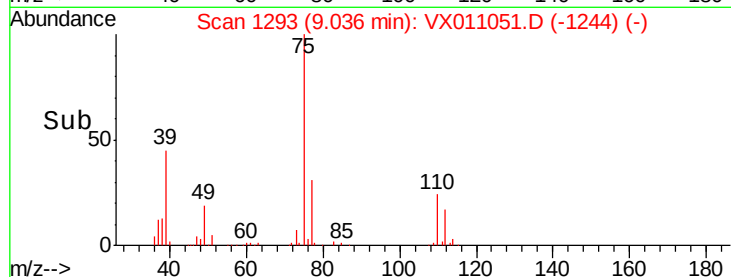
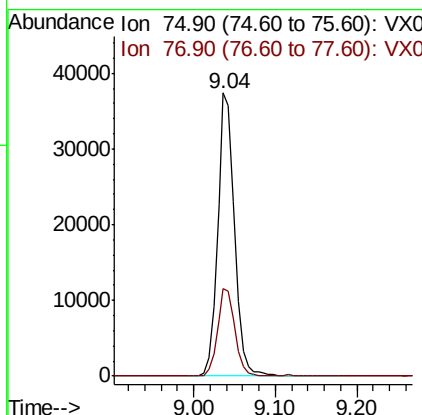
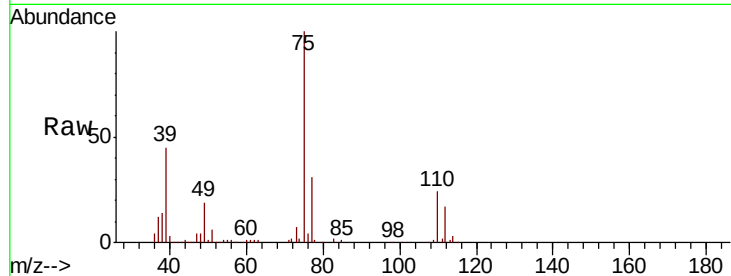




#53
 t-1,3-Dichloropropene
 Concen: 18.698 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

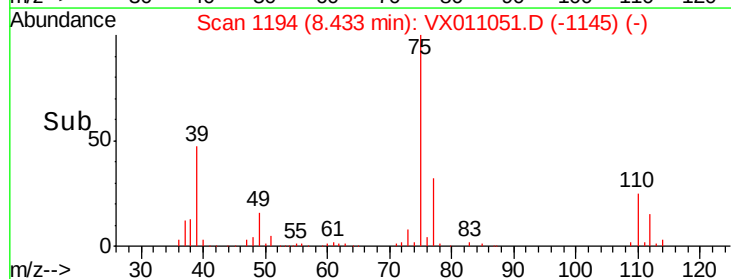
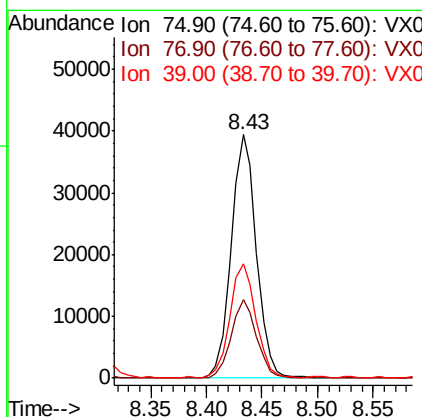
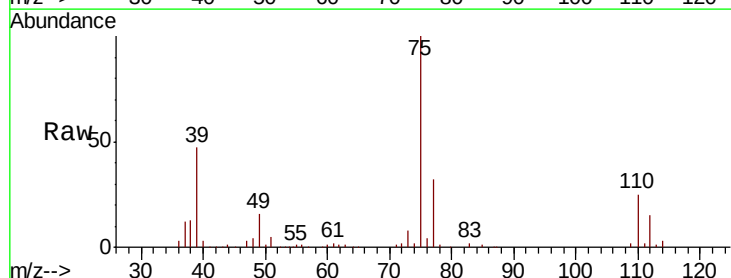
Instrument :
 MSVOA_X
 ClientSampleId :

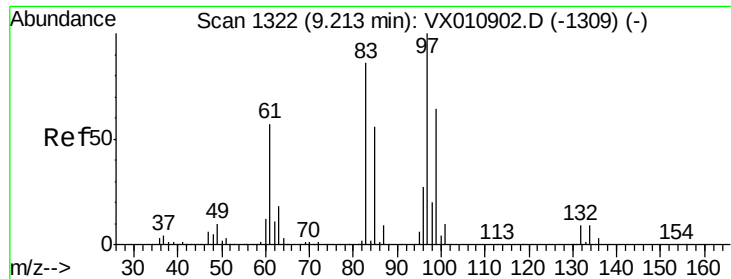
Tot Ion: 75 Resp: 54235
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.041 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 75 Resp: 61455
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 46.9 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 19.079 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 42999

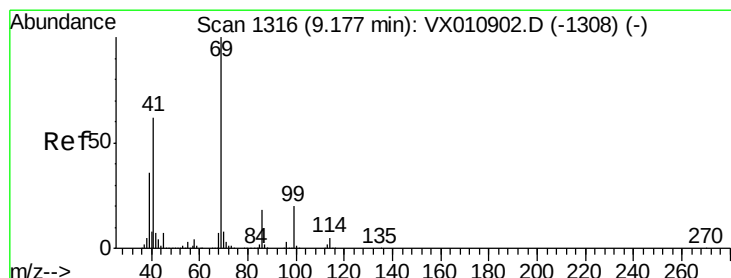
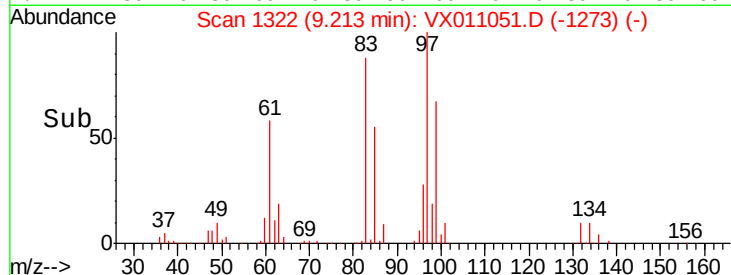
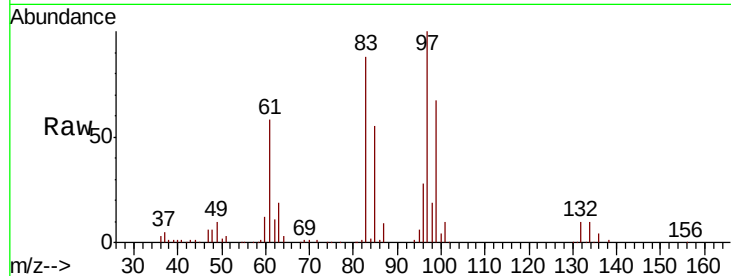
Ion Ratio Lower Upper

97 100

83 88.3 69.2 103.8

85 55.1 44.6 66.8

99 67.0 51.2 76.8



#56

Ethyl methacrylate

Concen: 19.155 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

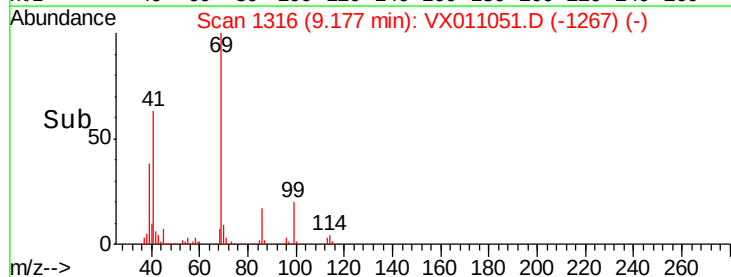
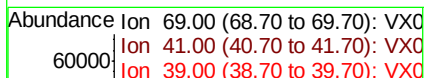
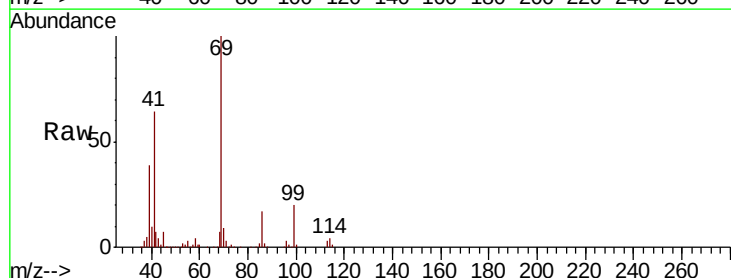
Tgt Ion: 69 Resp: 63150

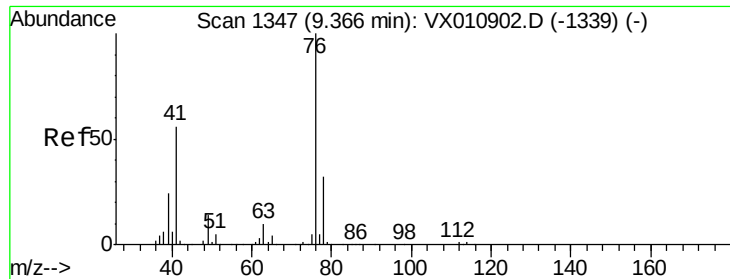
Ion Ratio Lower Upper

69 100

41 63.6 49.7 74.5

39 37.8 29.6 44.4

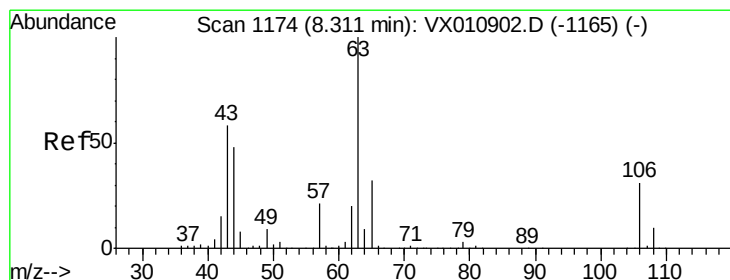
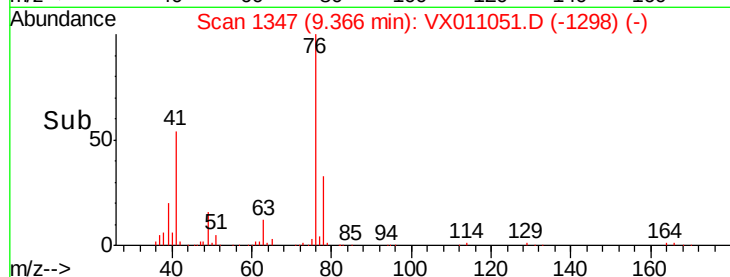
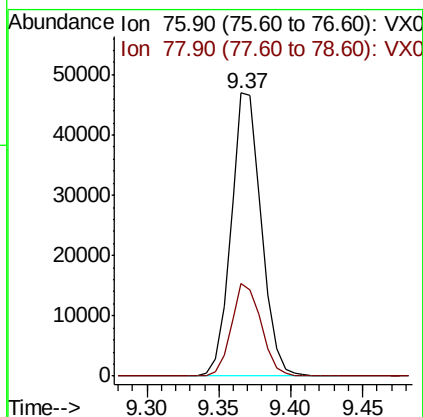
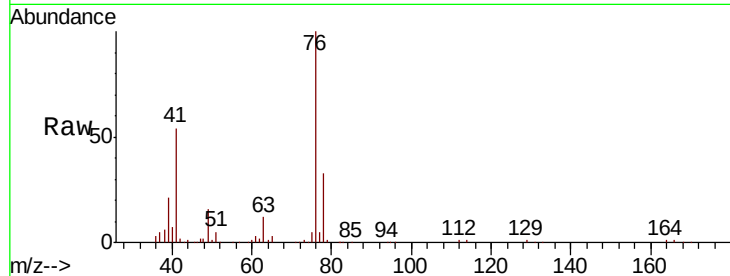




#57
 1,3-Dichloropropane
 Concen: 19.279 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

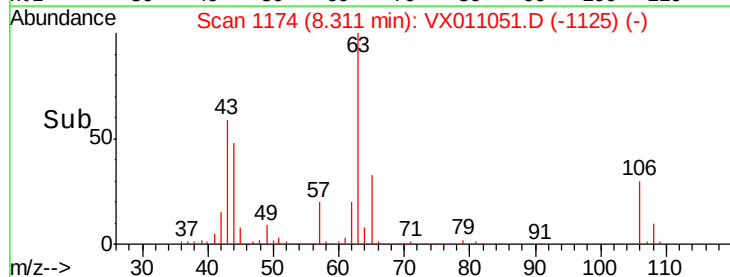
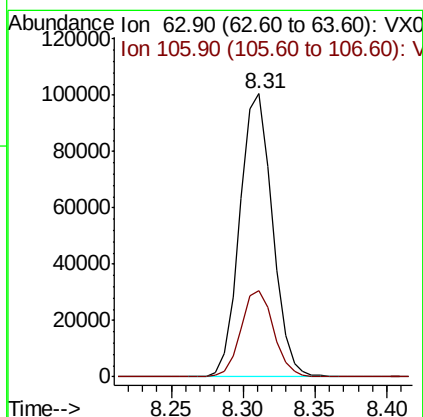
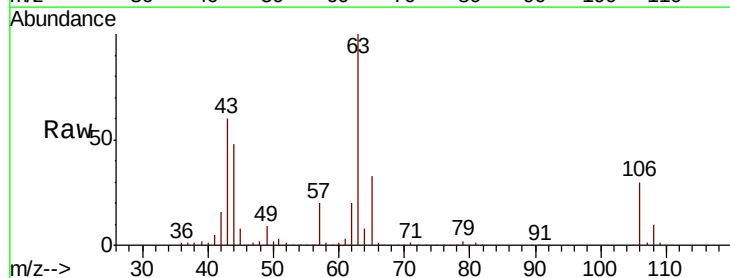
Instrument :
 MSVOA_X
 ClientSampleId :

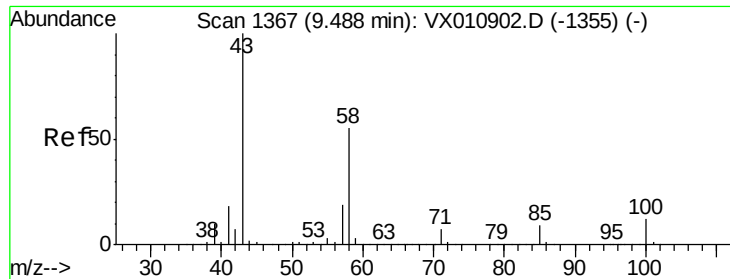
Tot Ion: 76 Resp: 68928
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.554 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 63 Resp: 158246
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.0 36.0

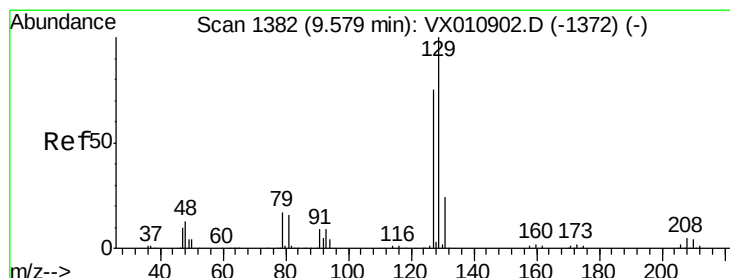
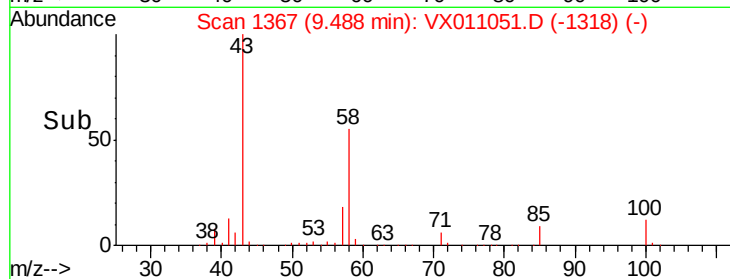
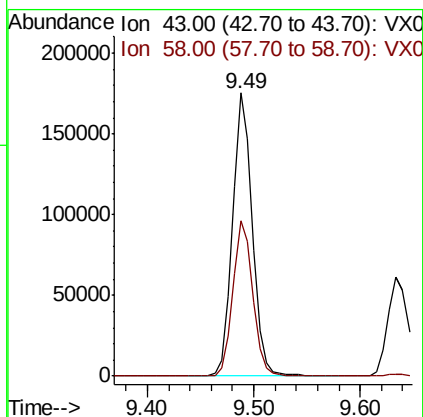
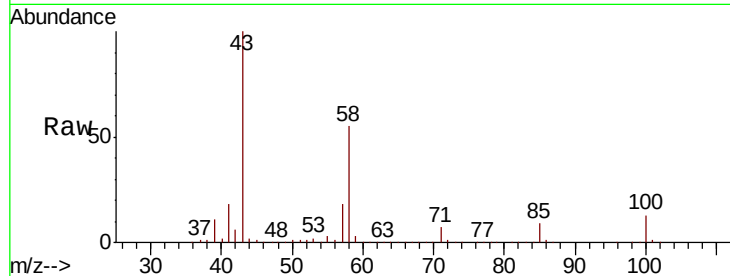




#59
2-Hexanone
Concen: 99.215 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

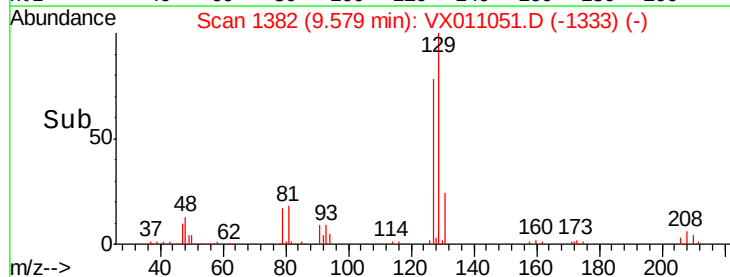
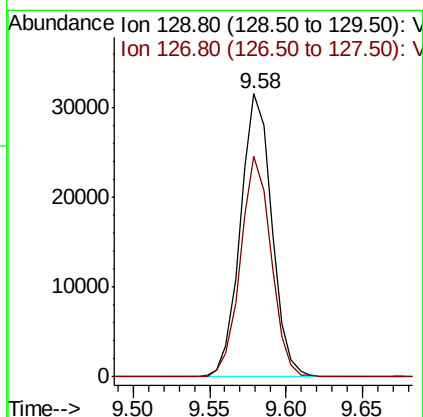
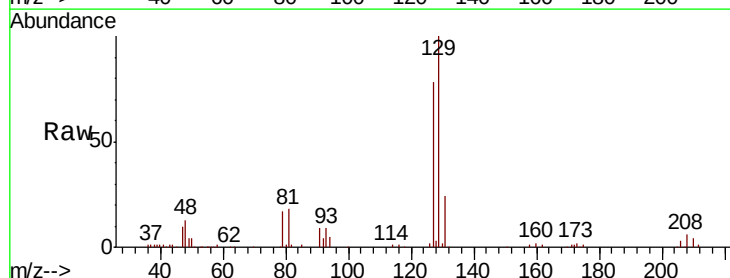
Instrument :
MSVOA_X
ClientSampleId :

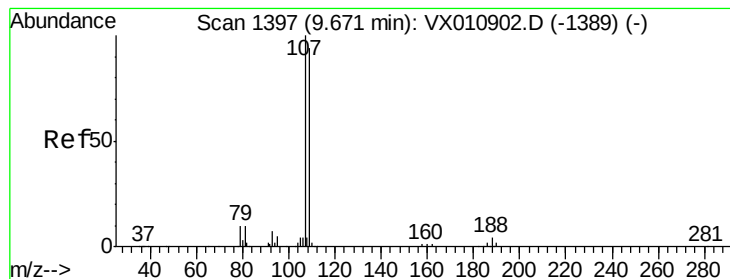
Tot Ion: 43 Resp: 228464
Ion Ratio Lower Upper
43 100
58 55.7 28.0 83.9



#60
Dibromochloromethane
Concen: 18.976 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion:129 Resp: 44936
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.227 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

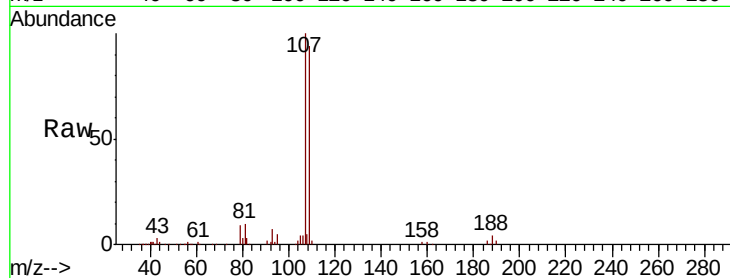
ClientSampleId :

Tot Ion:107 Resp: 45989

Ion Ratio Lower Upper

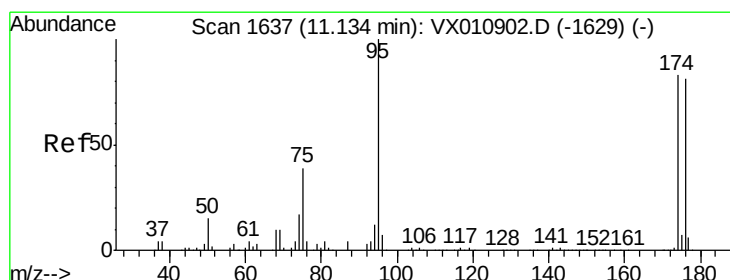
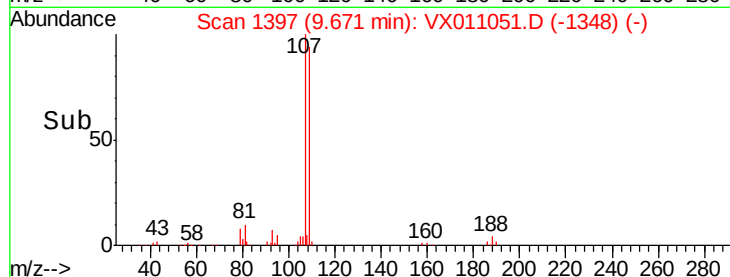
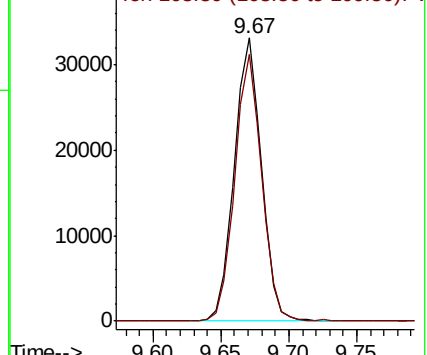
107 100

109 93.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.853 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

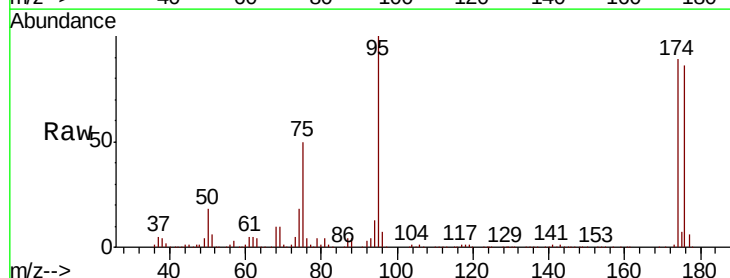
Tgt Ion: 95 Resp: 141562

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.6

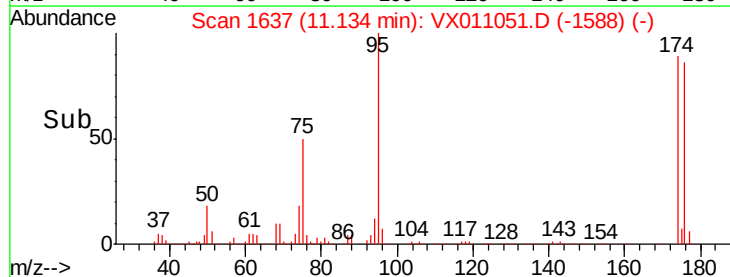
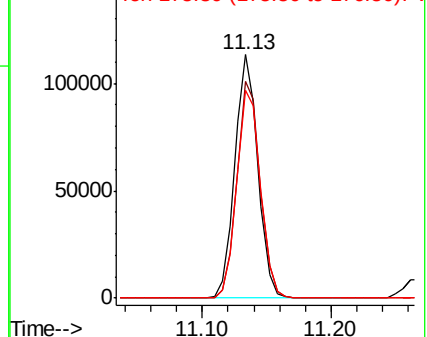
176 88.0 0.0 173.8

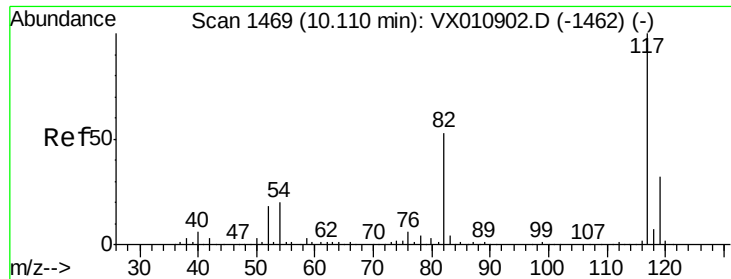


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

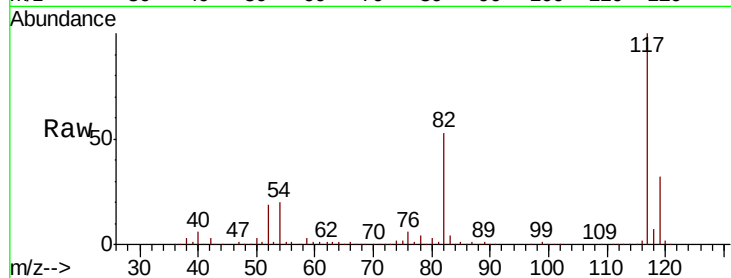




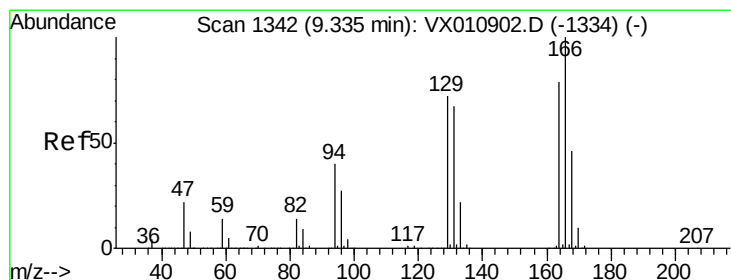
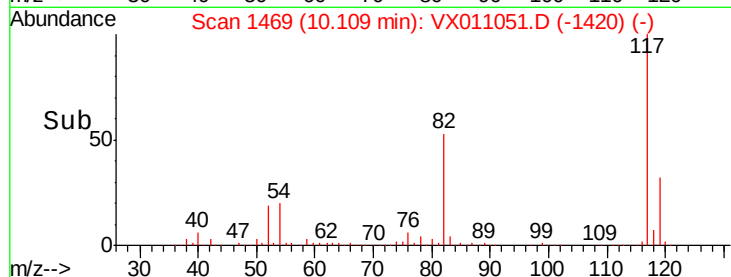
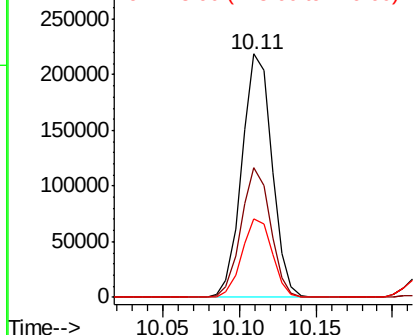
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 298867
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 32.4 25.9 38.9

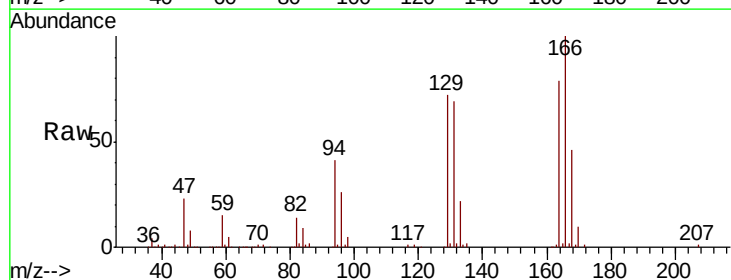


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

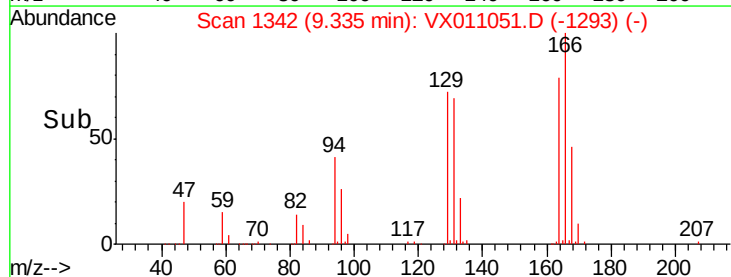
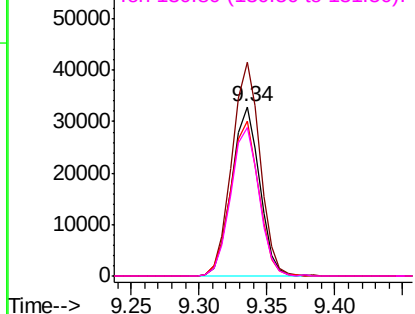


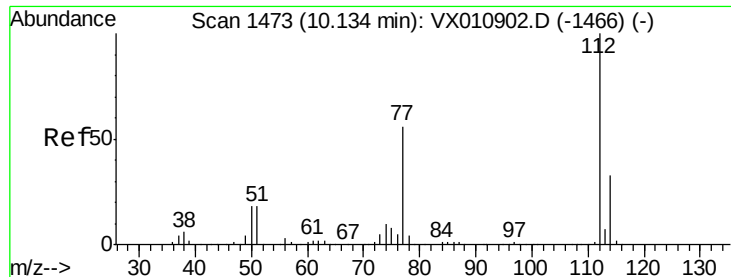
#64
Tetrachloroethene
Concen: 20.080 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion:164 Resp: 47210
Ion Ratio Lower Upper
164 100
166 125.9 100.8 151.2
129 91.1 72.6 109.0
131 87.4 67.7 101.5



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

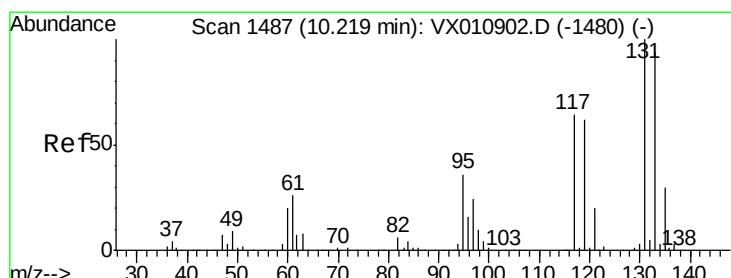
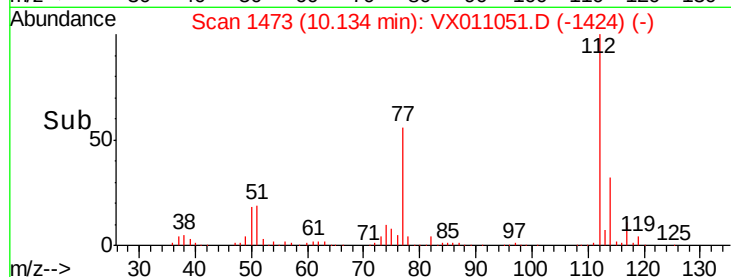
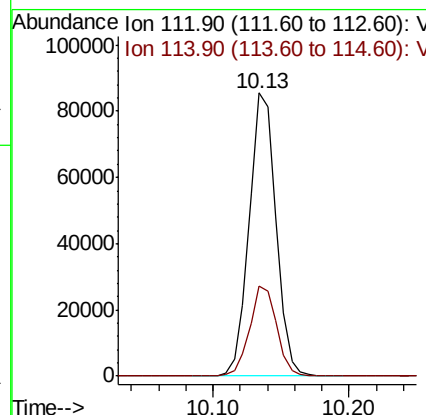
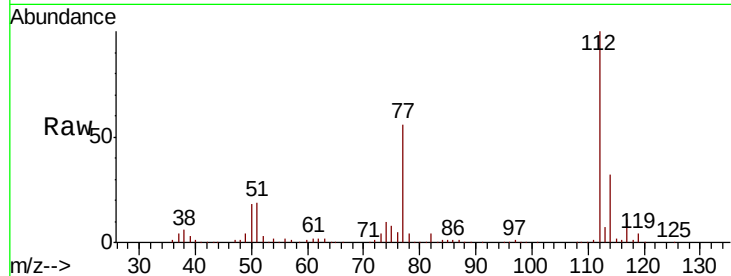




#65
Chlorobenzene
Concen: 19.271 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

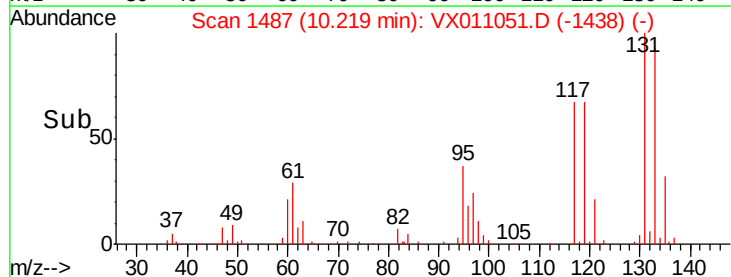
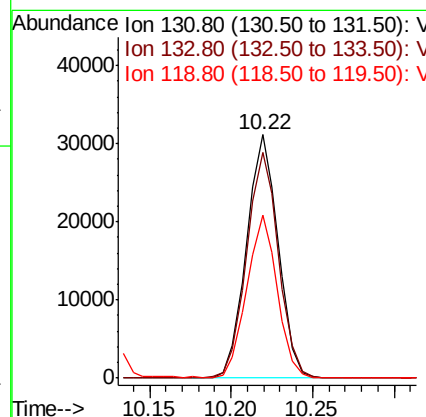
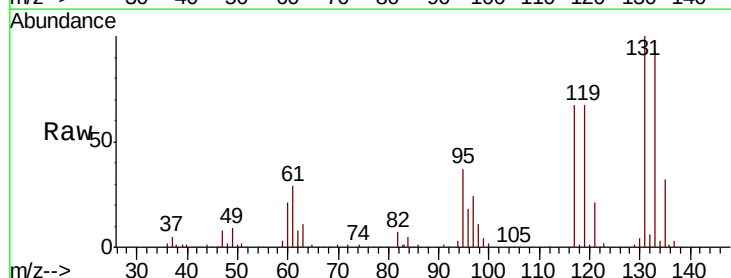
Instrument :
MSVOA_X
ClientSampleId :

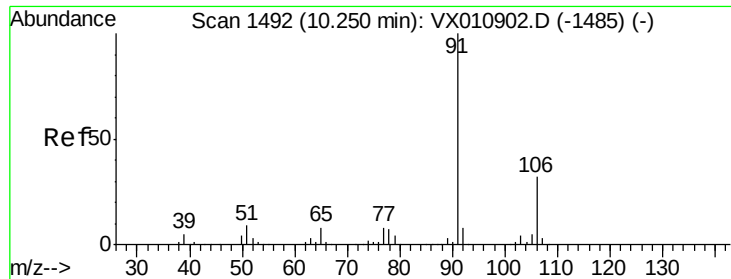
Tot Ion:112 Resp: 118294
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.493 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion:131 Resp: 42055
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.4
119 64.6 31.9 95.7

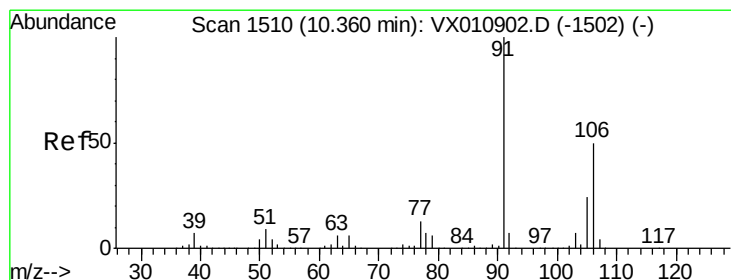
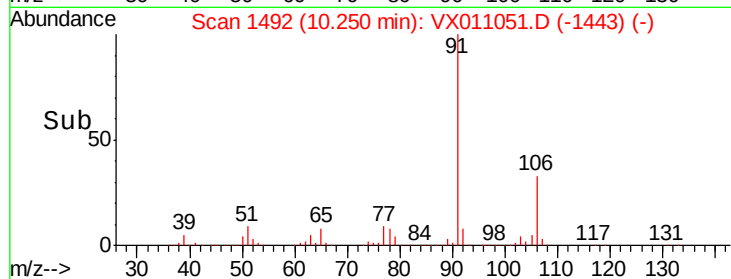
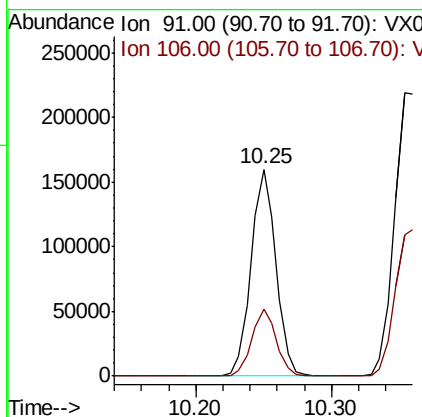
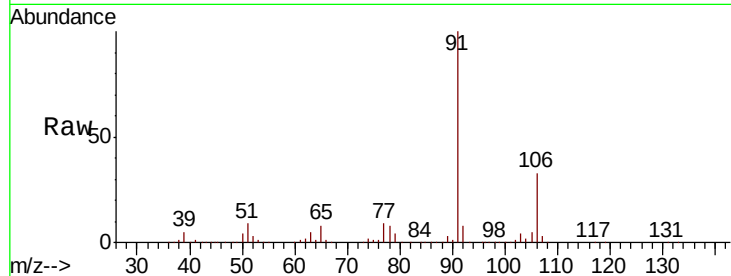




#67
Ethyl Benzene
Concen: 19.602 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

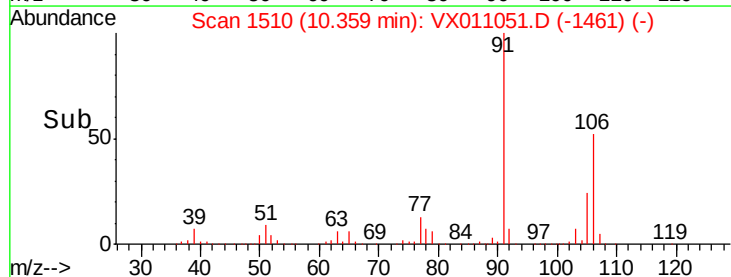
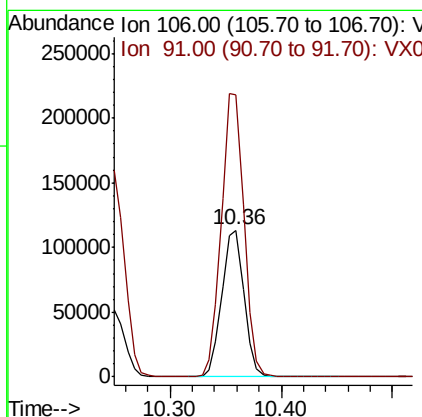
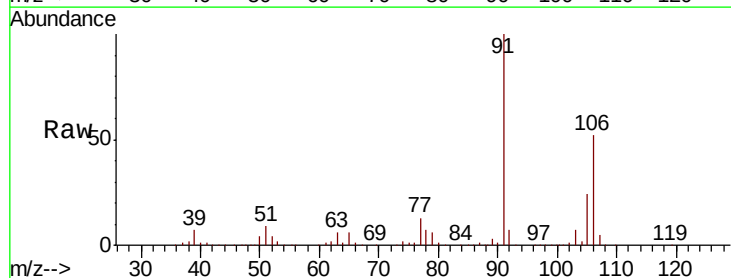
Instrument :
MSVOA_X
ClientSampleId :

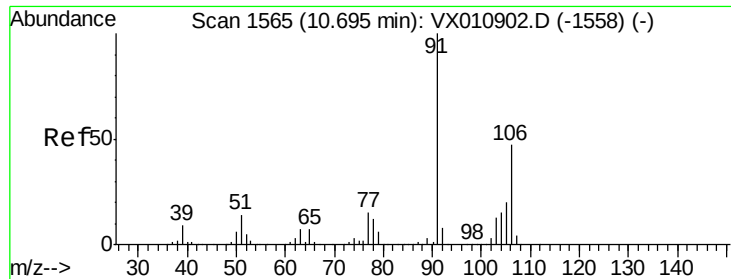
Tot Ion: 91 Resp: 204815
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2



#68
m/p-Xylenes
Concen: 39.198 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 106 Resp: 157104
Ion Ratio Lower Upper
106 100
91 196.4 160.1 240.1

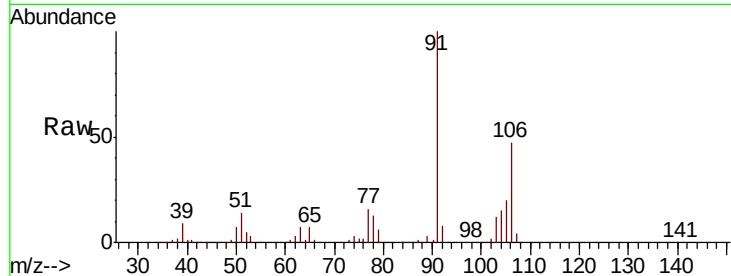




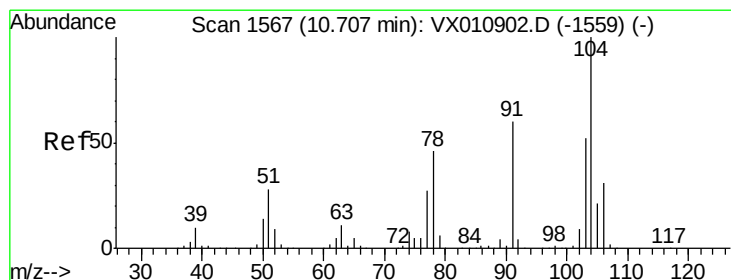
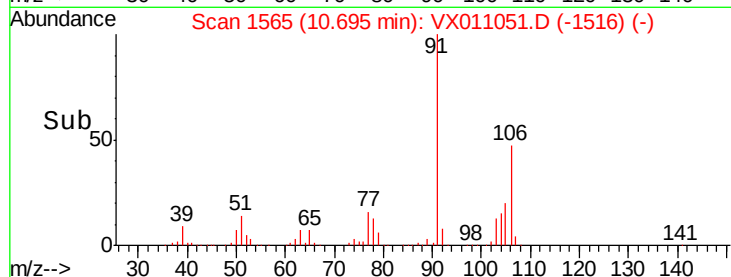
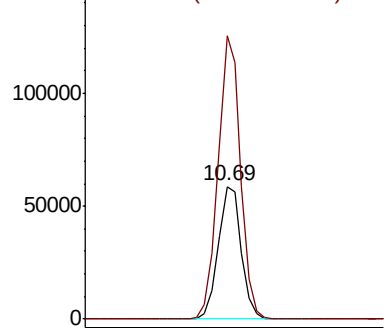
#69
o-Xylene
Concen: 19.619 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 76741
Ion Ratio Lower Upper
106 100
91 207.7 105.1 315.3

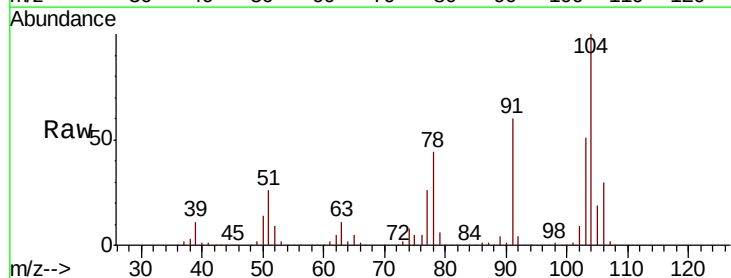


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

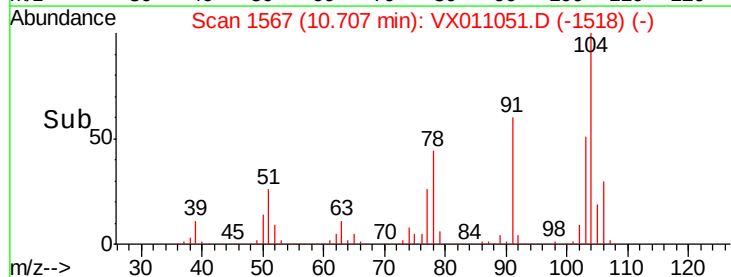
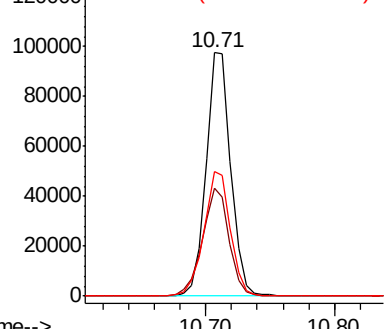


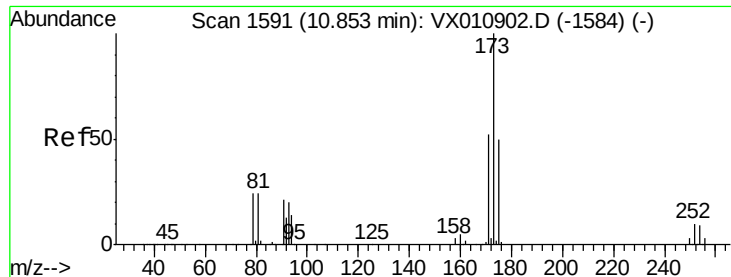
#70
Styrene
Concen: 19.917 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion:104 Resp: 129869
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 55.0 44.2 66.4



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





#71

Bromoform

Concen: 17.663 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

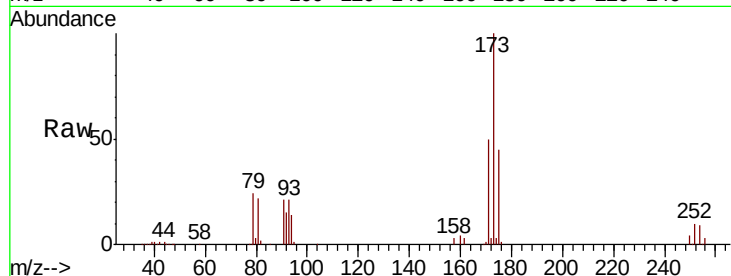
Tot Ion:173 Resp: 31283

Ion Ratio Lower Upper

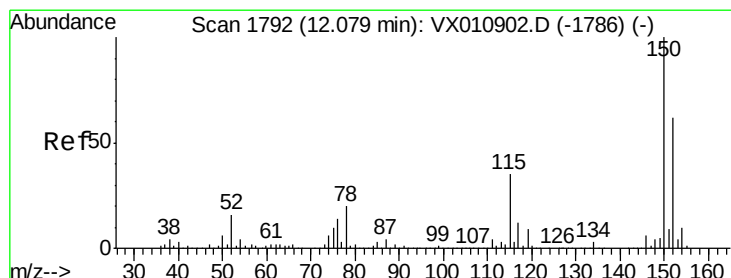
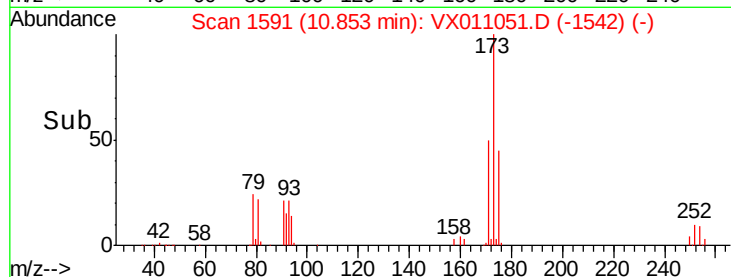
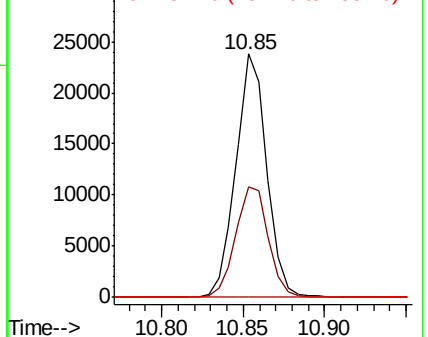
173 100

175 48.4 24.6 73.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

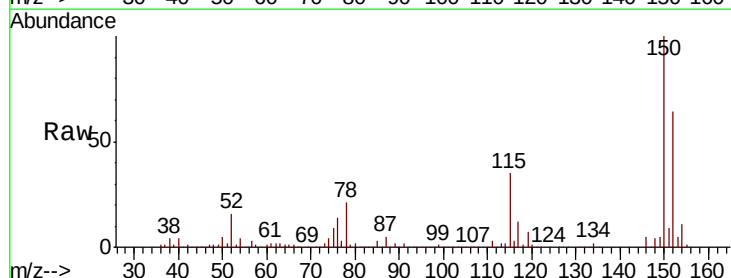
Tgt Ion:152 Resp: 156641

Ion Ratio Lower Upper

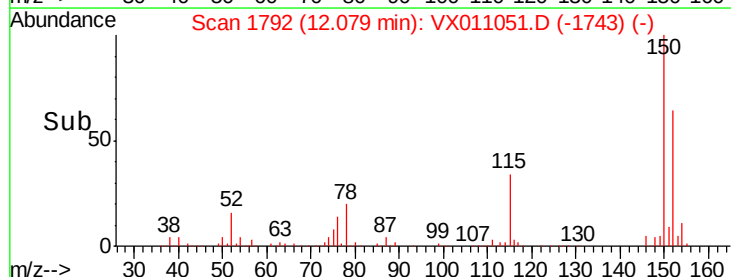
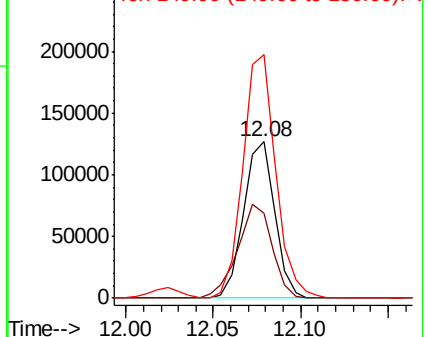
152 100

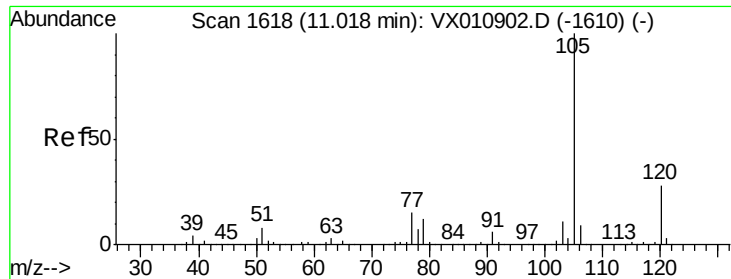
115 66.3 39.7 119.1

150 164.3 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.639 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

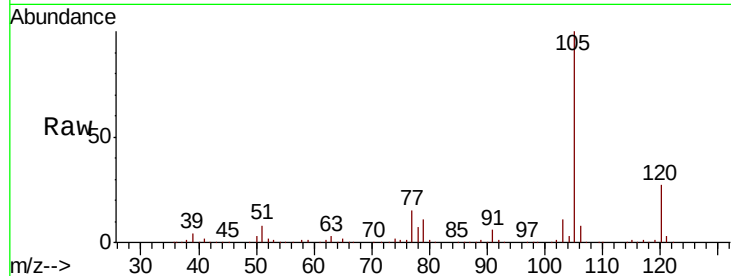
ClientSampleId :

Tot Ion:105 Resp: 207861

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

150000

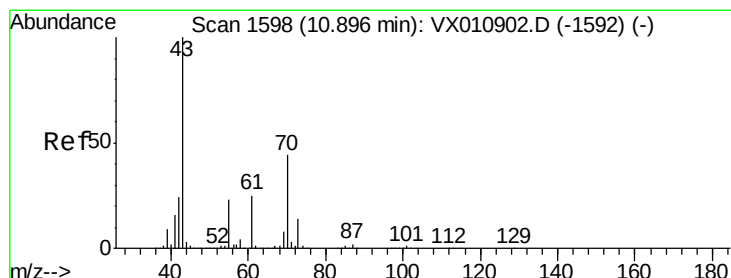
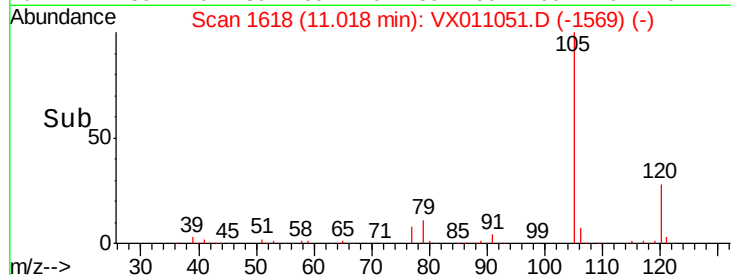
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.125 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion: 43 Resp: 77346

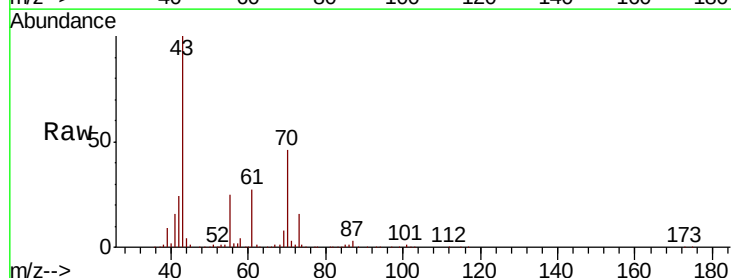
Ion Ratio Lower Upper

43 100

70 44.8 34.7 52.1

55 24.9 19.1 28.7

61 25.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

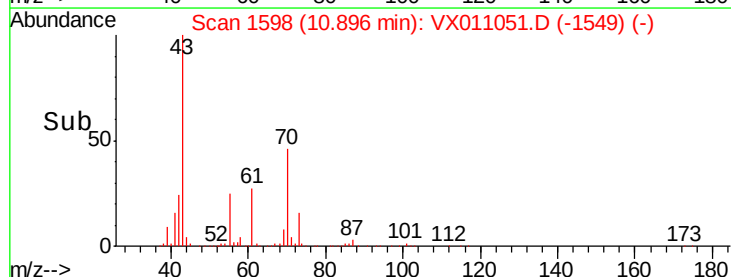
40000

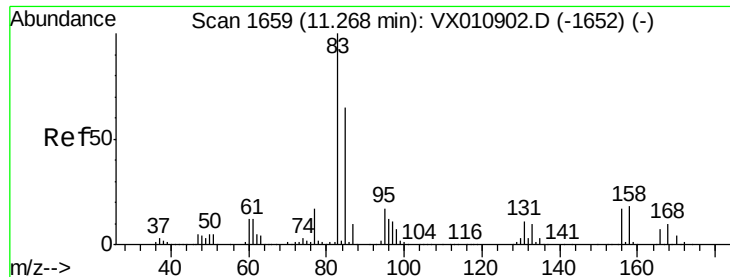
20000

0

Time-->

10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 19.344 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

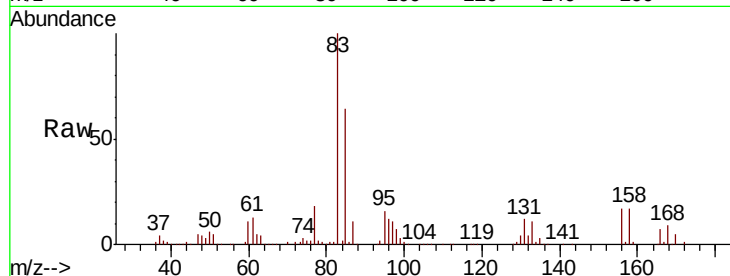
Tot Ion: 83 Resp: 67003

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

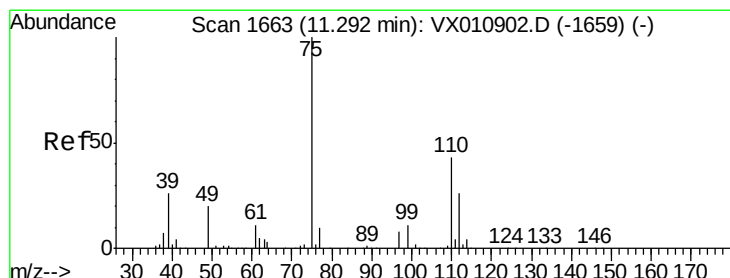
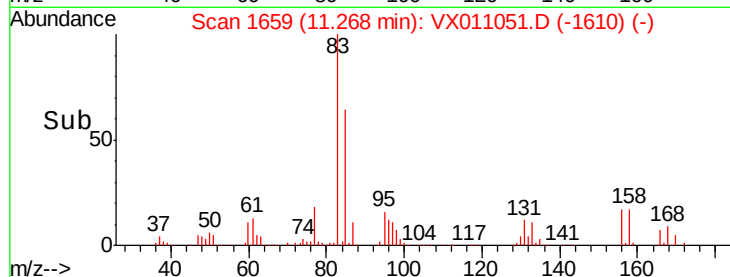
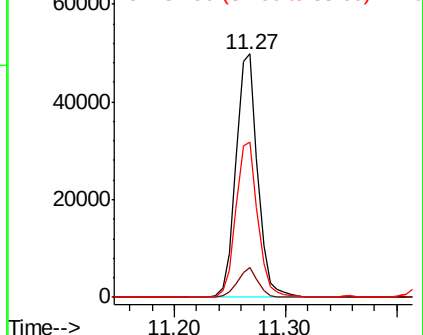
85 64.7 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.841 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011051.D

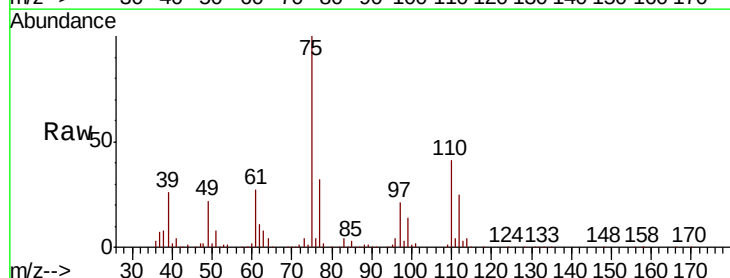
Acq: 23 Jul 2019 11:43

Tgt Ion: 75 Resp: 70216

Ion Ratio Lower Upper

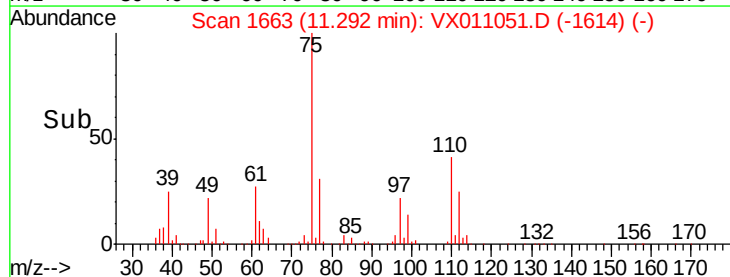
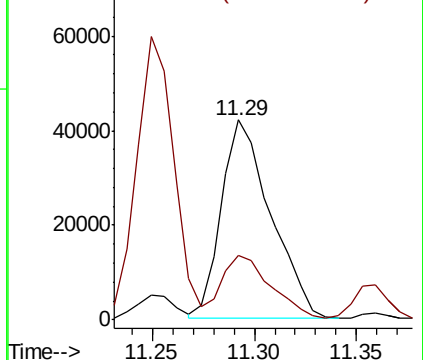
75 100

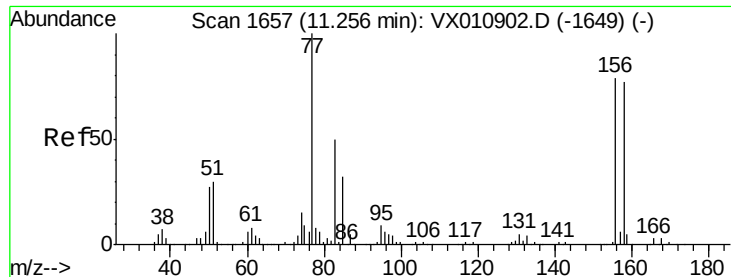
77 32.7 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.804 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

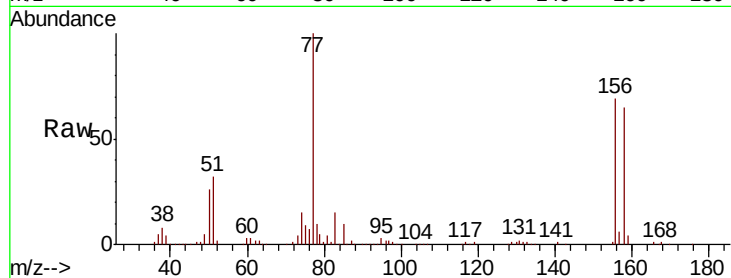
Tot Ion:156 Resp: 54897

Ion Ratio Lower Upper

156 100

77 139.1 68.7 206.1

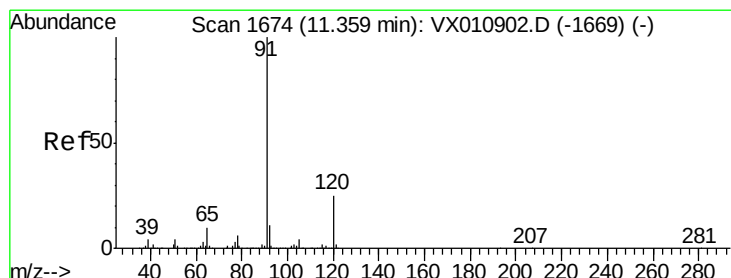
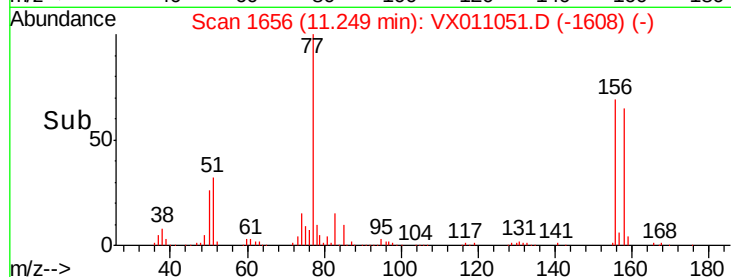
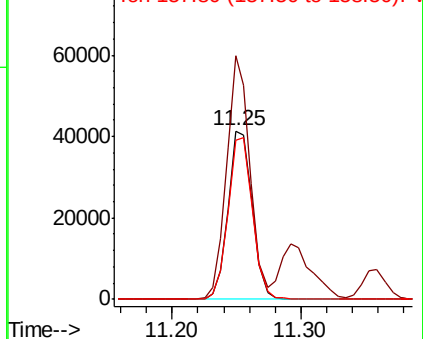
158 96.7 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.823 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011051.D

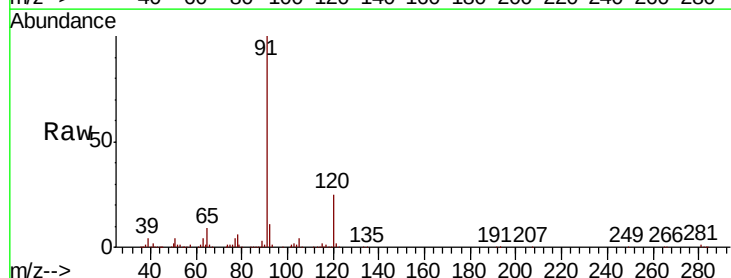
Acq: 23 Jul 2019 11:43

Tgt Ion: 91 Resp: 231820

Ion Ratio Lower Upper

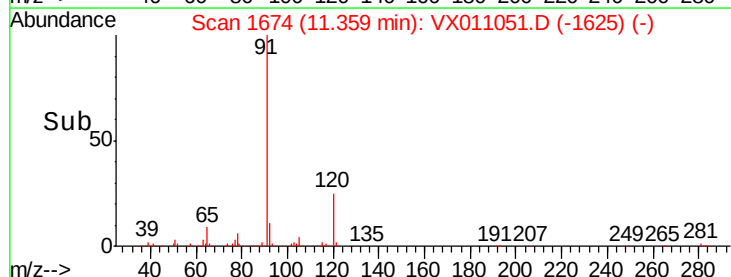
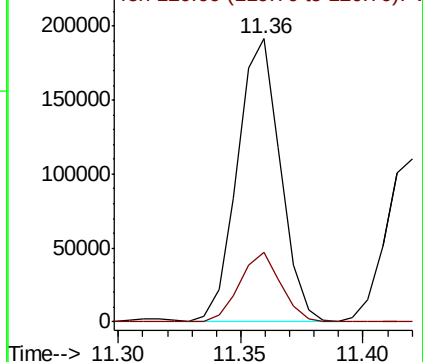
91 100

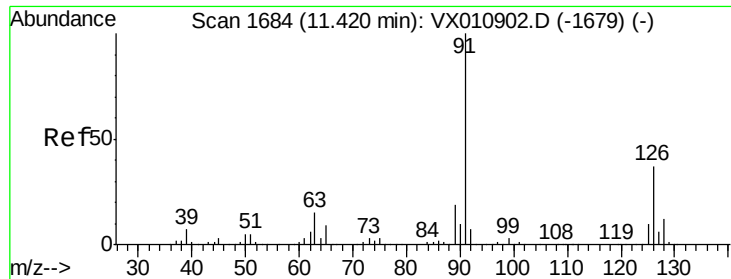
120 23.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.474 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

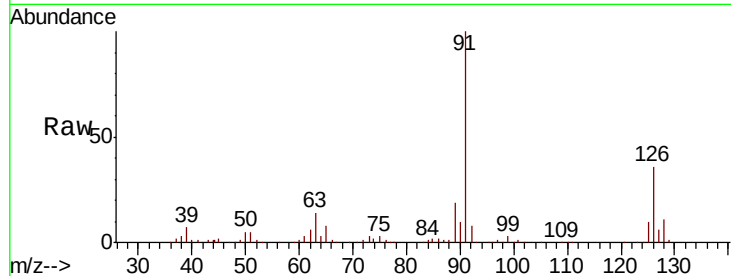
ClientSampled :

Tot Ion: 91 Resp: 136807

Ion Ratio Lower Upper

91 100

126 36.3 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

200000

150000

100000

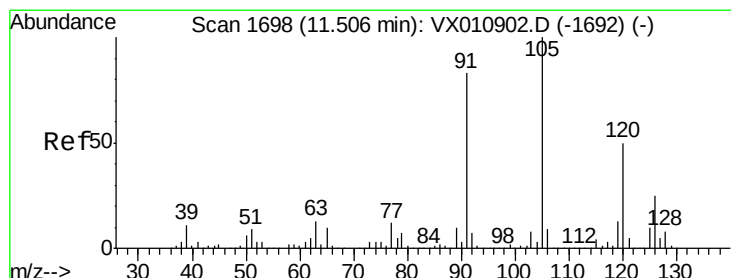
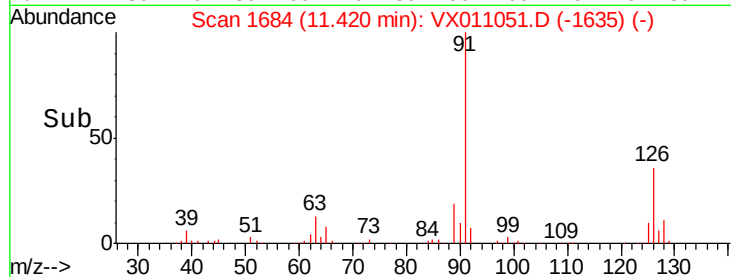
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.703 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011051.D

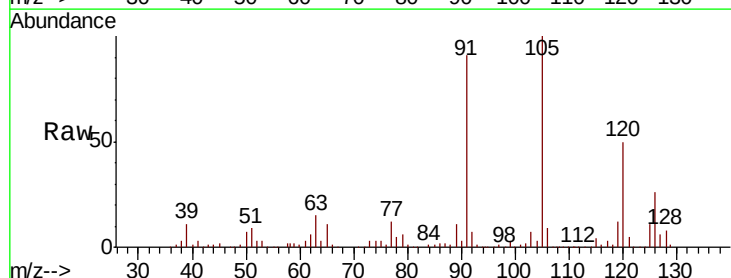
Acq: 23 Jul 2019 11:43

Tgt Ion:105 Resp: 174256

Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

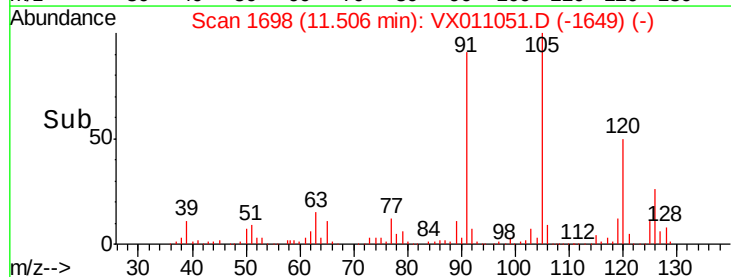
50000

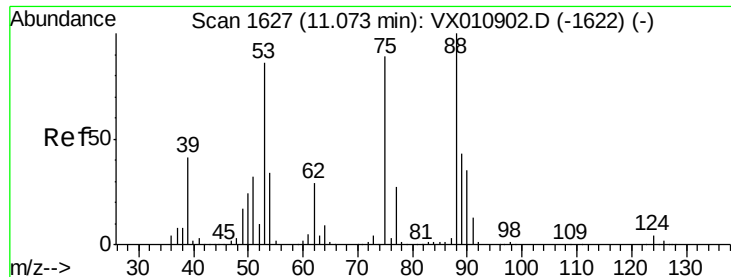
0

11.51

11.55

Time-->

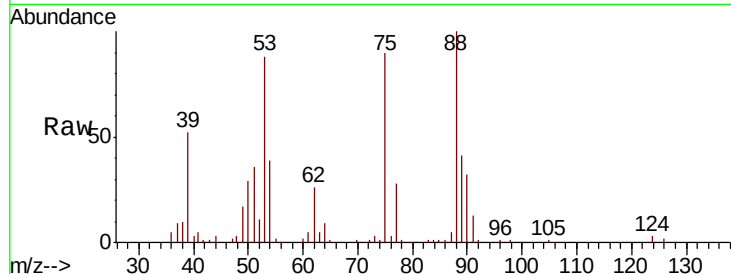




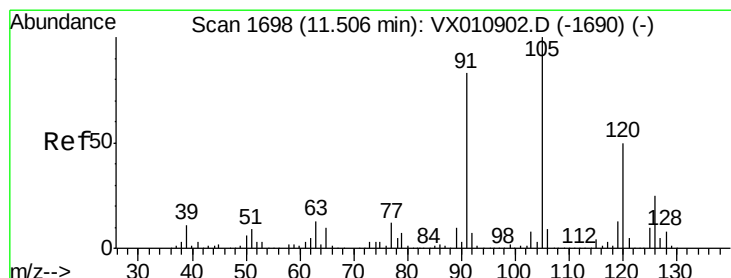
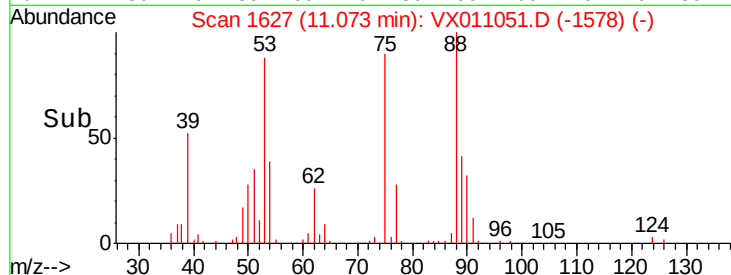
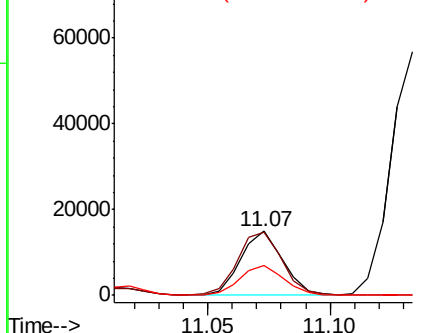
#81
trans-1,4-Dichloro-2-butene
Concen: 18.535 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 17644
Ion Ratio Lower Upper
75 100
53 104.5 76.7 115.1
89 49.2 38.5 57.7

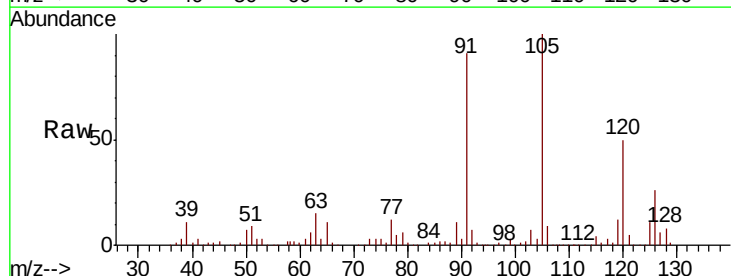


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

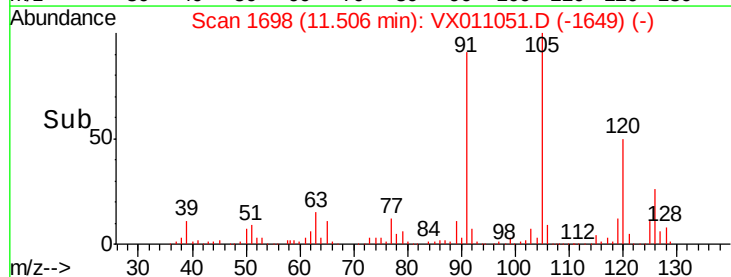
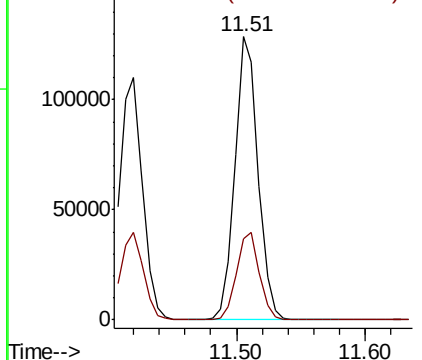


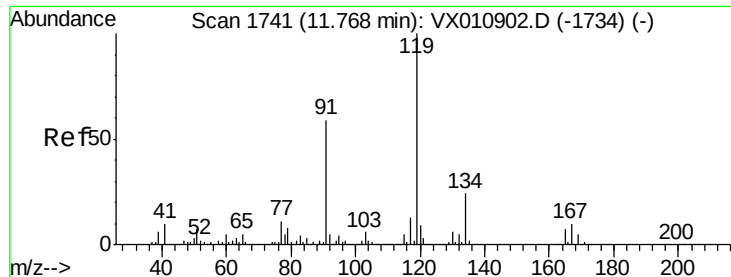
#82
4-Chlorotoluene
Concen: 19.609 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 91 Resp: 160332
Ion Ratio Lower Upper
91 100
126 30.9 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.611 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

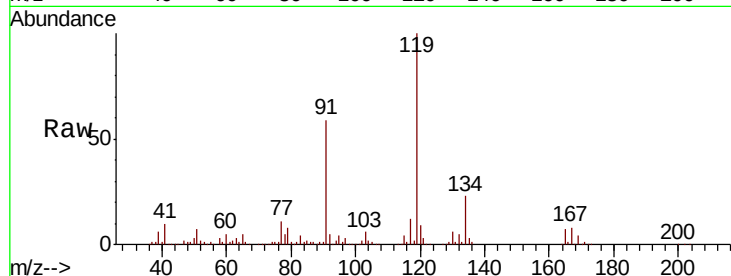
Tot Ion:119 Resp: 170361

Ion Ratio Lower Upper

119 100

91 58.9 28.6 85.8

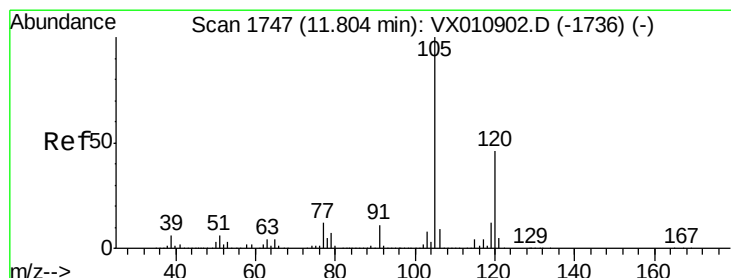
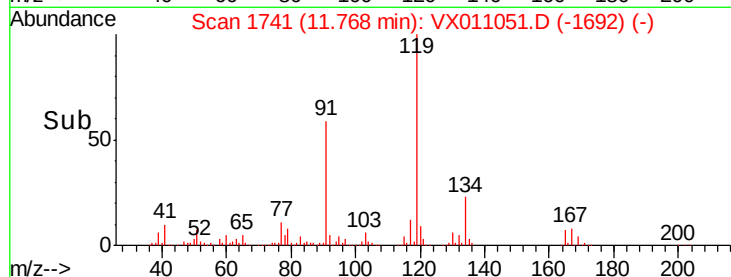
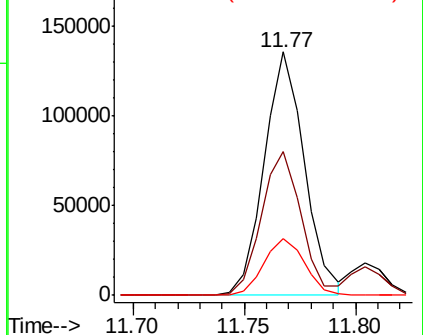
134 23.7 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.687 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011051.D

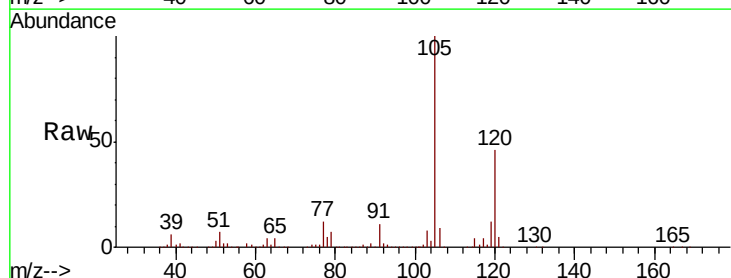
Acq: 23 Jul 2019 11:43

Tgt Ion:105 Resp: 175495

Ion Ratio Lower Upper

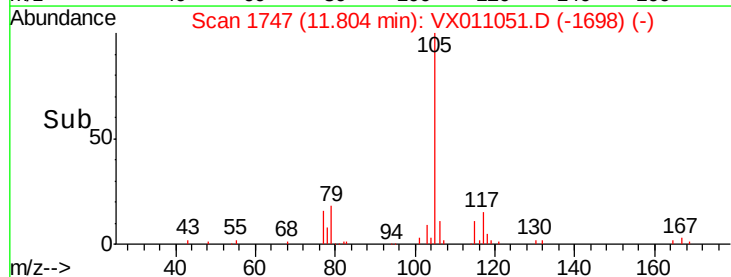
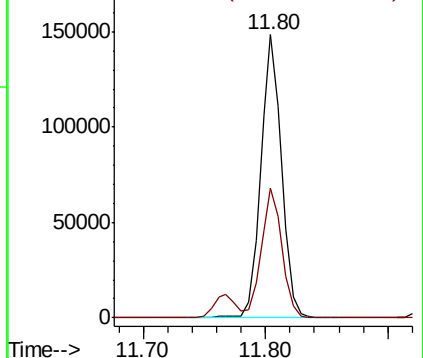
105 100

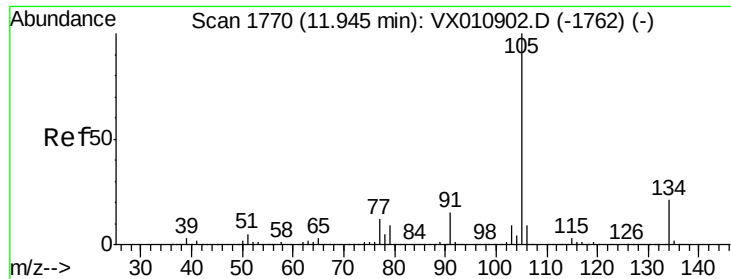
120 45.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.846 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

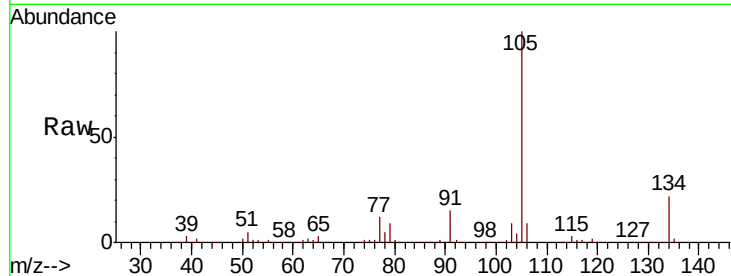
ClientSampleId :

Tot Ion:105 Resp: 202017

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

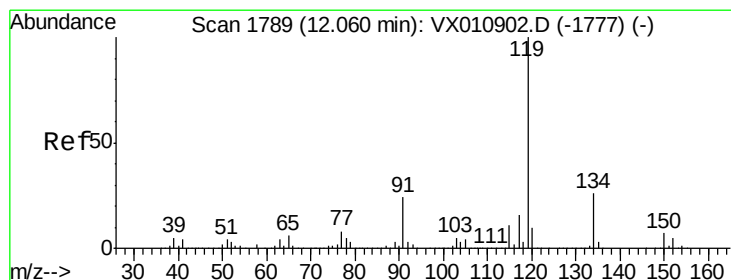
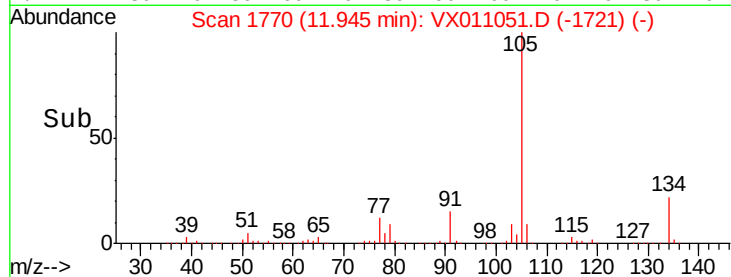
100000

50000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.083 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

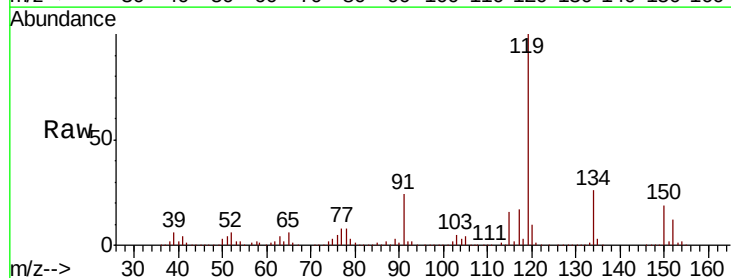
Tgt Ion:119 Resp: 188995

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 23.6 11.8 35.4



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

200000

150000

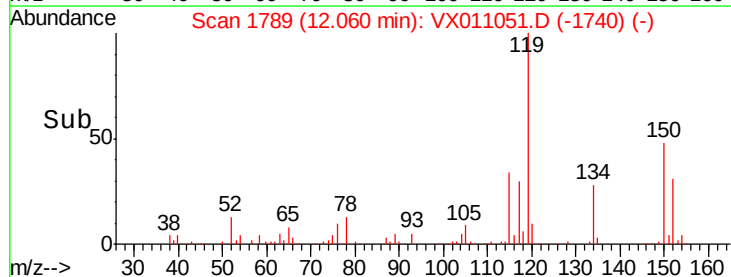
100000

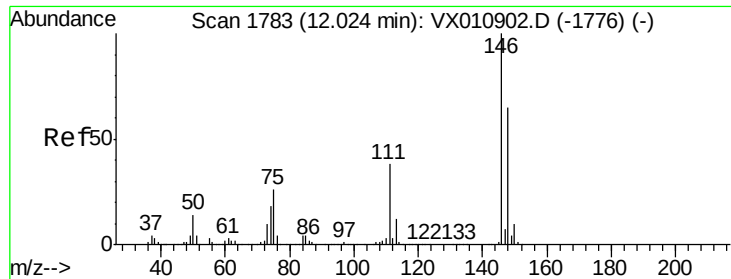
50000

0

12.00 12.10

Time-->

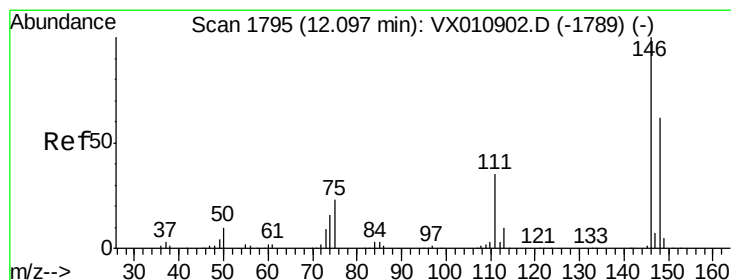
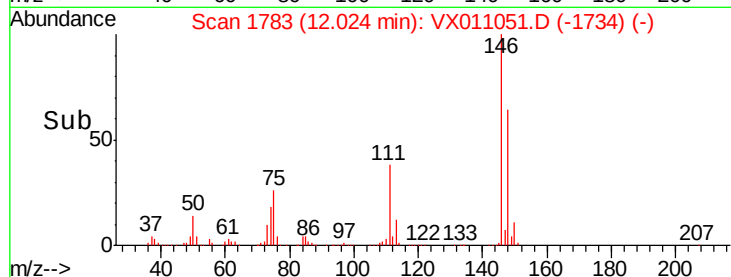
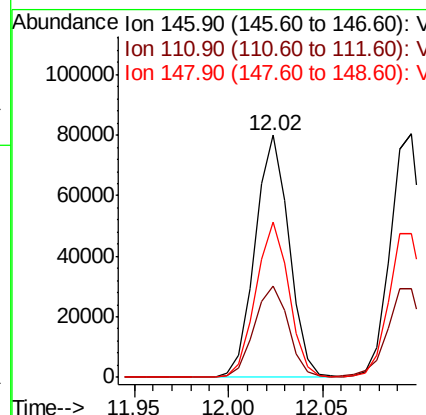
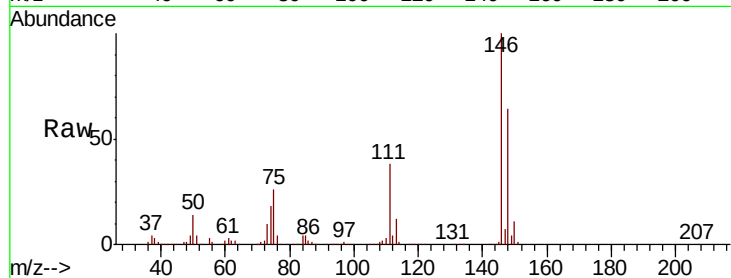




#87
 1,3-Dichlorobenzene
 Concen: 19.644 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

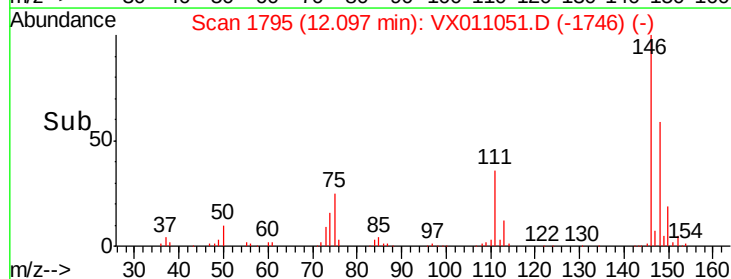
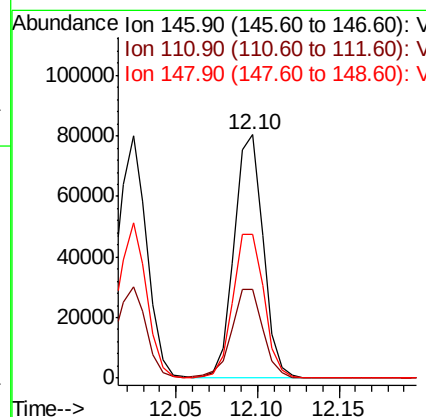
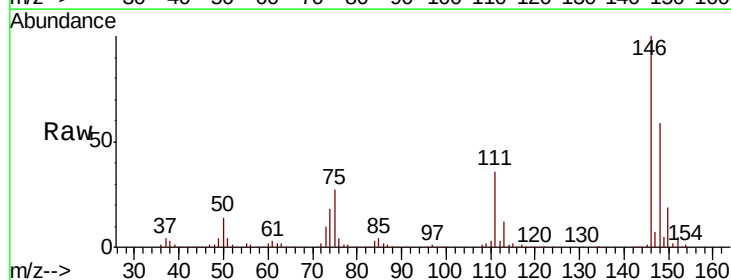
Instrument :
 MSVOA_X
 ClientSampleId :

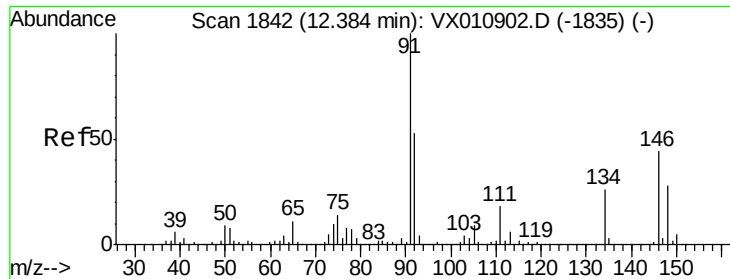
Tot Ion:146 Resp: 99528
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 63.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.162 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion:146 Resp: 99570
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.6 55.8
 148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 19.857 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

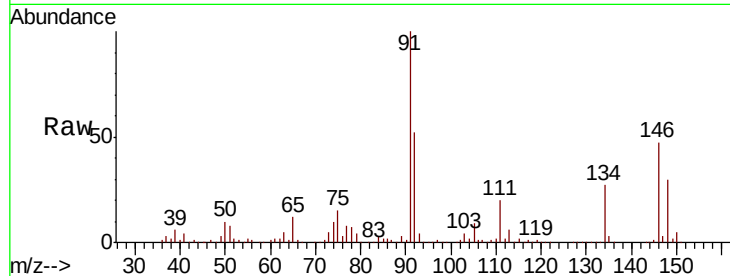
Tot Ion: 91 Resp: 159865

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

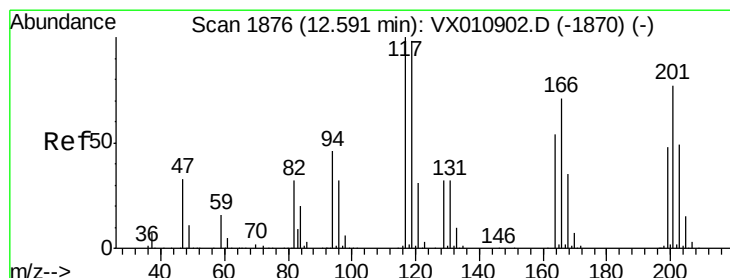
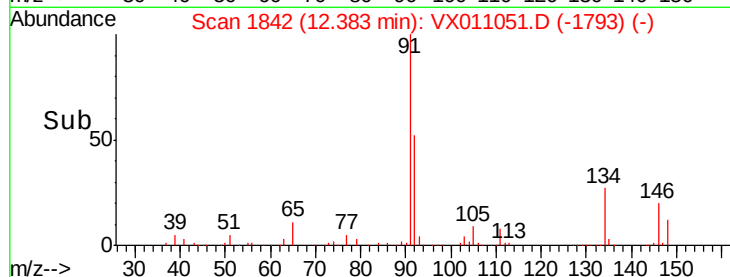
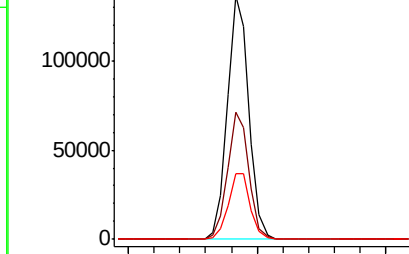
134 27.9 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VX011051.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX011051.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX011051.D (-1793) (-)



#90

Hexachloroethane

Concen: 18.872 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX011051.D

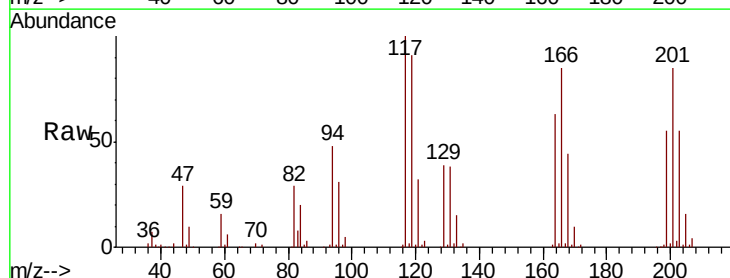
Acq: 23 Jul 2019 11:43

Tgt Ion: 117 Resp: 28011

Ion Ratio Lower Upper

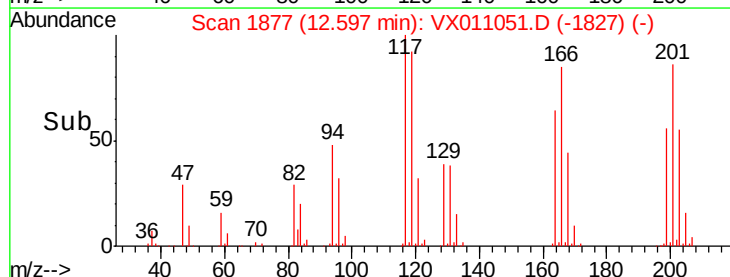
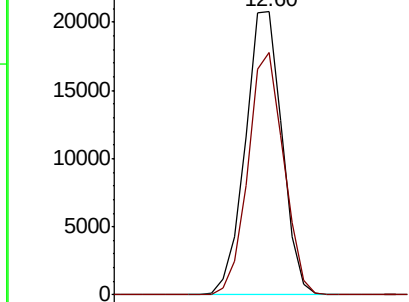
117 100

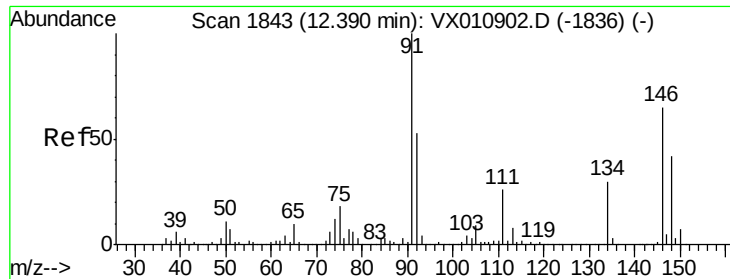
201 83.0 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): VX011051.D (-1827) (-)

Ion 200.70 (200.40 to 201.40): VX011051.D (-1827) (-)

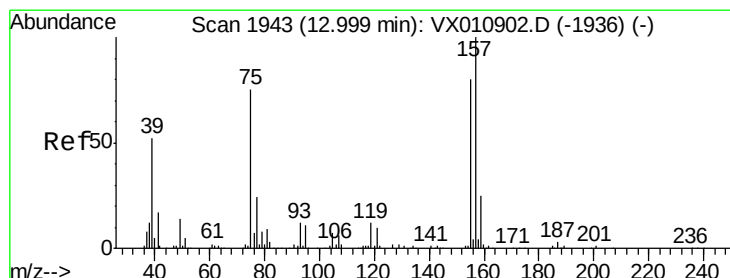
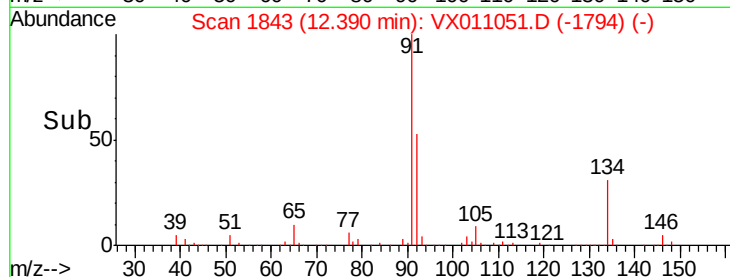
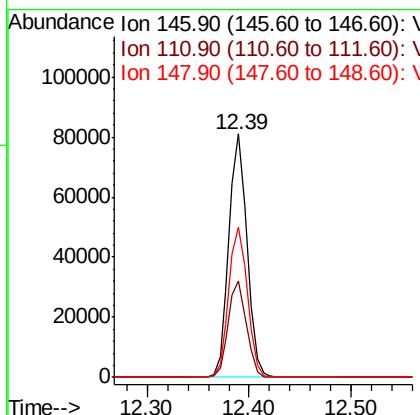
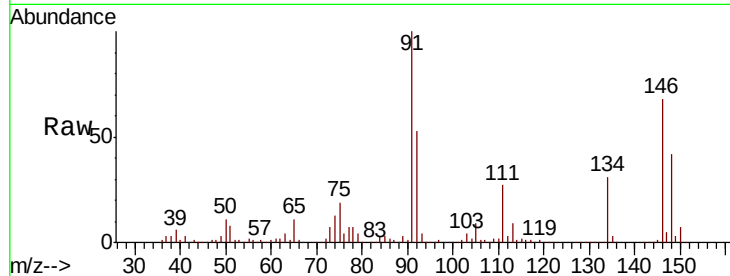




#91
 1,2-Dichlorobenzene
 Concen: 19.804 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

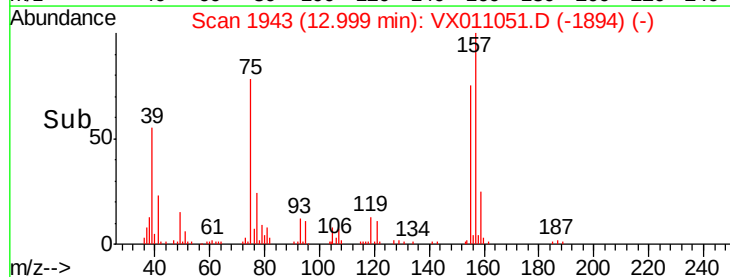
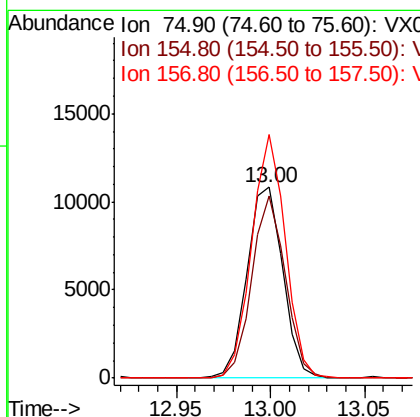
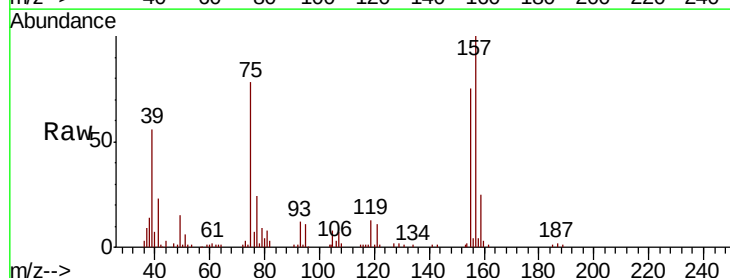
Instrument :
 MSVOA_X
 ClientSampleId :

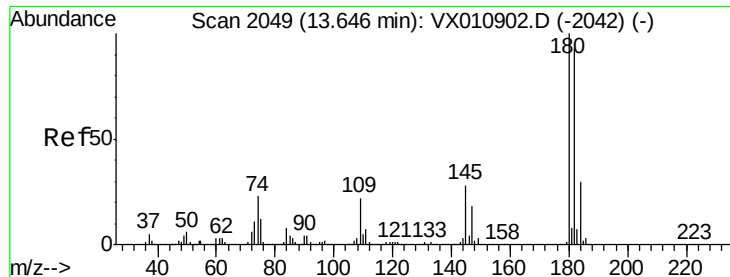
Tot Ion:146 Resp: 99441
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 63.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.723 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 75 Resp: 14280
 Ion Ratio Lower Upper
 75 100
 155 89.6 48.7 146.1
 157 119.8 62.5 187.6

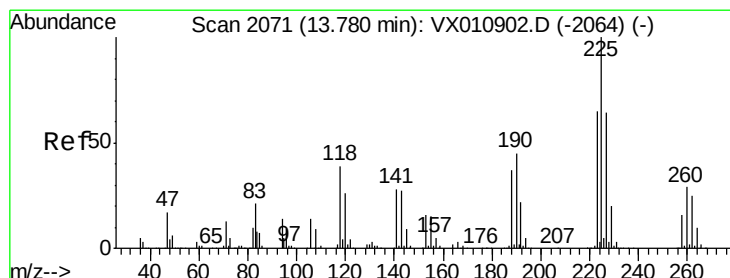
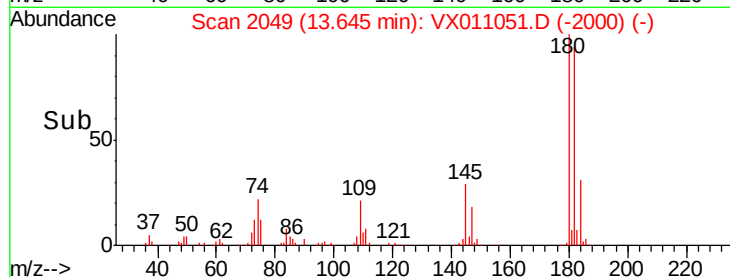
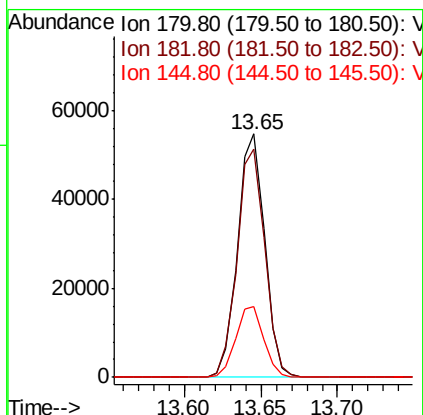
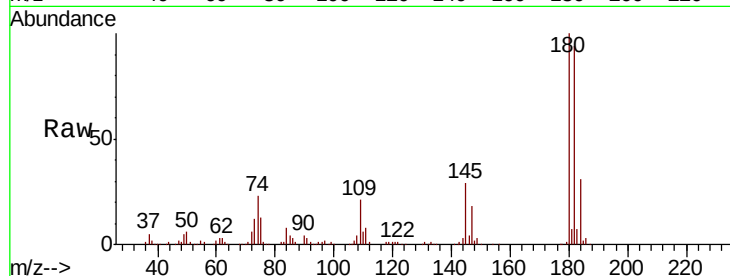




#93
 1,2,4-Trichlorobenzene
 Concen: 19.758 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

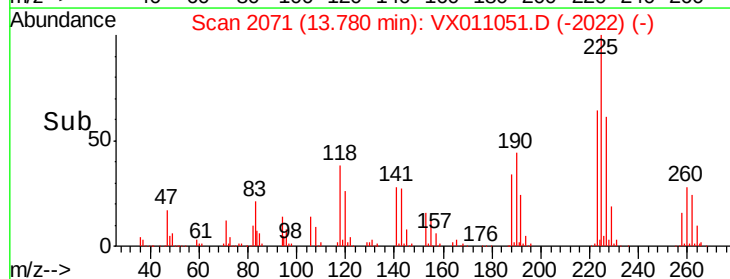
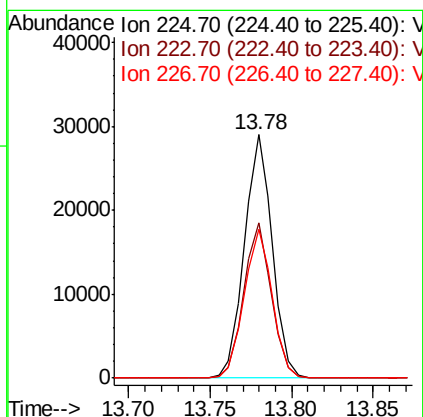
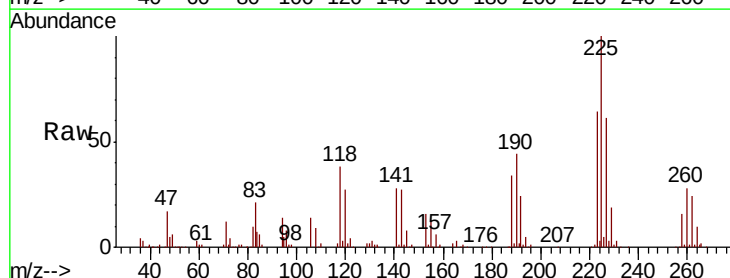
Instrument :
 MSVOA_X
 ClientSampleId :

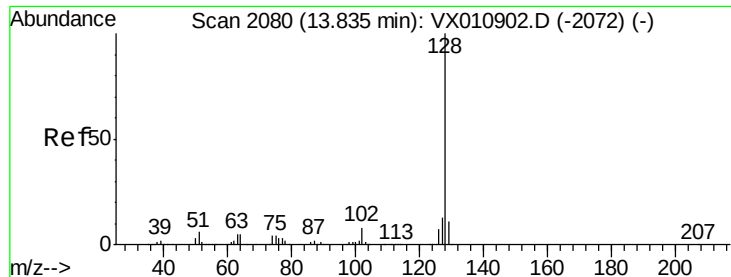
Tot Ion:180 Resp: 67236
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.1 141.3
 145 30.0 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 20.493 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion:225 Resp: 34558
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.9
 227 61.5 32.5 97.4

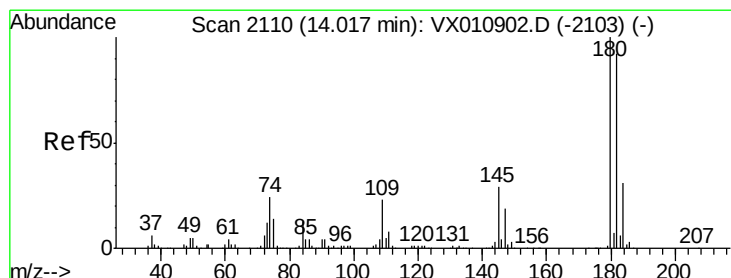
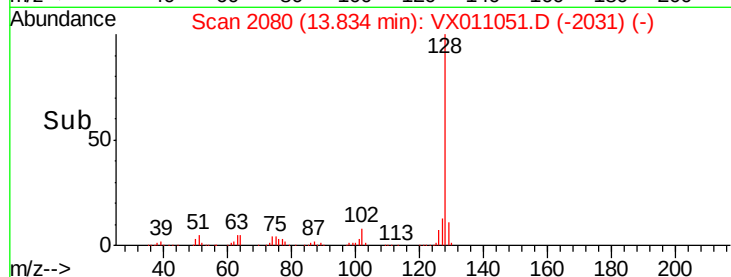
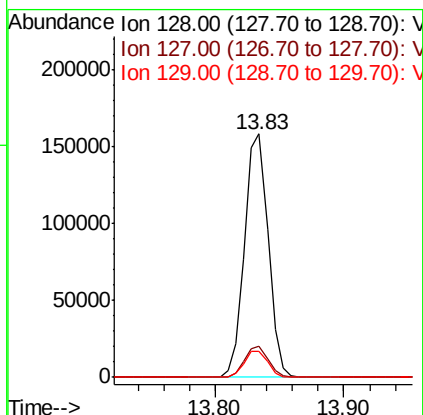
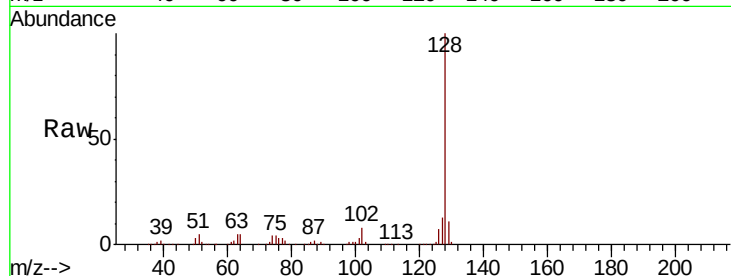




#95
Naphthalene
Concen: 19.896 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.137 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.3
145	31.1	15.1	45.3

