

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
 Data File : VX011218.D
 Acq On : 31 Jul 2019 01:04
 Operator : JC/SP
 Sample : VX0730WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

Quant Time: Jul 31 08:46:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104466	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	5.49	113	92585	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
50) Toluene-d8	8.71	98	341770	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.13	95	128037	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	34297	17.966	ug/l	98
3) Chloromethane	1.33	50	30950	18.429	ug/l	99
4) Vinyl Chloride	1.41	62	33518	19.567	ug/l	98
5) Bromomethane	1.64	94	19750	20.460	ug/l	94
6) Chloroethane	1.72	64	23873	21.930	ug/l	92
7) Trichlorofluoromethane	1.93	101	59482	20.514	ug/l	100
8) Diethyl Ether	2.19	74	20180	20.199	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32593	19.686	ug/l	98
10) Methyl Iodide	2.51	142	34624	15.936	ug/l	99
11) Tert butyl alcohol	3.04	59	52785	116.660	ug/l	98
12) 1,1-Dichloroethene	2.37	96	31661	19.464	ug/l	95
13) Acrolein	2.29	56	15208	58.175	ug/l	98
14) Allyl chloride	2.73	41	44557	18.858	ug/l	100
15) Acrylonitrile	3.14	53	96171	105.186	ug/l	99
16) Acetone	2.45	43	81975	93.421	ug/l	98
17) Carbon Disulfide	2.57	76	64305	15.411	ug/l	100
18) Methyl Acetate	2.78	43	46708	23.377	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	108140	20.651	ug/l	99
20) Methylene Chloride	2.85	84	35833	19.270	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	32811	19.010	ug/l	92
22) Diisopropyl ether	3.85	45	102195	20.507	ug/l	99
23) Vinyl Acetate	3.81	43	416126	98.554	ug/l	98
24) 1,1-Dichloroethane	3.70	63	58502	20.214	ug/l	97
25) 2-Butanone	4.67	43	130944	103.956	ug/l	98
26) 2,2-Dichloropropane	4.58	77	32725	13.772	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	38896	19.472	ug/l	96
28) Bromochloromethane	5.01	49	26546	19.465	ug/l	97
29) Tetrahydrofuran	5.13	42	83660	104.852	ug/l	100
30) Chloroform	5.21	83	64199	20.523	ug/l	98
31) Cyclohexane	5.58	56	49171	18.640	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	54778	20.241	ug/l	99
36) 1,1-Dichloropropene	5.80	75	43911	19.759	ug/l	99
37) Ethyl Acetate	4.83	43	46535	20.450	ug/l	96
38) Carbon Tetrachloride	5.79	117	46672	20.154	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51872	17.999	ug/l	98
40) Benzene	6.15	78	138560	20.354	ug/l	96
41) Methacrylonitrile	5.04	41	27162	21.026	ug/l	97
42) 1,2-Dichloroethane	6.20	62	50445	21.312	ug/l	99
43) Isopropyl Acetate	6.44	43	76923	20.558	ug/l	99
44) Trichloroethene	7.21	130	39828	19.765	ug/l	99
45) 1,2-Dichloropropane	7.51	63	36052	20.808	ug/l	99
46) Dibromomethane	7.66	93	25482	20.582	ug/l	99
47) Bromodichloromethane	7.90	83	44713	20.288	ug/l	97
48) Methyl methacrylate	7.77	41	37983	20.838	ug/l	96
49) 1,4-Dioxane	7.74	88	22708	445.358	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	265437	109.433	ug/l	100
52) Toluene	8.78	92	89127	19.930	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	43741	18.458	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	49917	18.930	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	38443	20.878	ug/l	100
56) Ethyl methacrylate	9.18	69	56302	20.903	ug/l	99
57) 1,3-Dichloropropane	9.37	76	60445	20.693	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	133331	103.700	ug/l	99
59) 2-Hexanone	9.49	43	205398	109.178	ug/l	99
60) Dibromochloromethane	9.58	129	38151	19.621	ug/l	100
61) 1,2-Dibromoethane	9.67	107	40387	20.667	ug/l	99
64) Tetrachloroethene	9.34	164	40608	20.634	ug/l	95
65) Chlorobenzene	10.13	112	102700	19.987	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36791	20.373	ug/l	99
67) Ethyl Benzene	10.25	91	174408	19.941	ug/l	99
68) m/p-Xylenes	10.35	106	133661	39.841	ug/l	100
69) o-Xylene	10.69	106	64872	19.813	ug/l	98
70) Styrene	10.71	104	110585	20.261	ug/l	99
71) Bromoform	10.85	173	27032	18.151	ug/l #	99
73) Isopropylbenzene	11.02	105	178761	20.405	ug/l	99
74) N-amyl acetate	10.90	43	67861	20.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61830	21.567	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	61721	26.381	ug/l	85
77) Bromobenzene	11.25	156	48239	19.963	ug/l	99
78) n-propylbenzene	11.36	91	196993	20.351	ug/l	100
79) 2-Chlorotoluene	11.42	91	119259	20.510	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	151082	20.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13176	17.112	ug/l	90
82) 4-Chlorotoluene	11.51	91	138681	20.492	ug/l	100
83) tert-Butylbenzene	11.77	119	147853	20.563	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	151622	20.550	ug/l	99
85) sec-Butylbenzene	11.94	105	173669	20.613	ug/l	100
86) p-Isopropyltoluene	12.06	119	159525	20.481	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	85104	20.294	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86640	20.145	ug/l	98
89) n-Butylbenzene	12.38	91	133904	20.095	ug/l	100
90) Hexachloroethane	12.60	117	23078	18.785	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	87589	21.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12824	21.399	ug/l	94

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QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

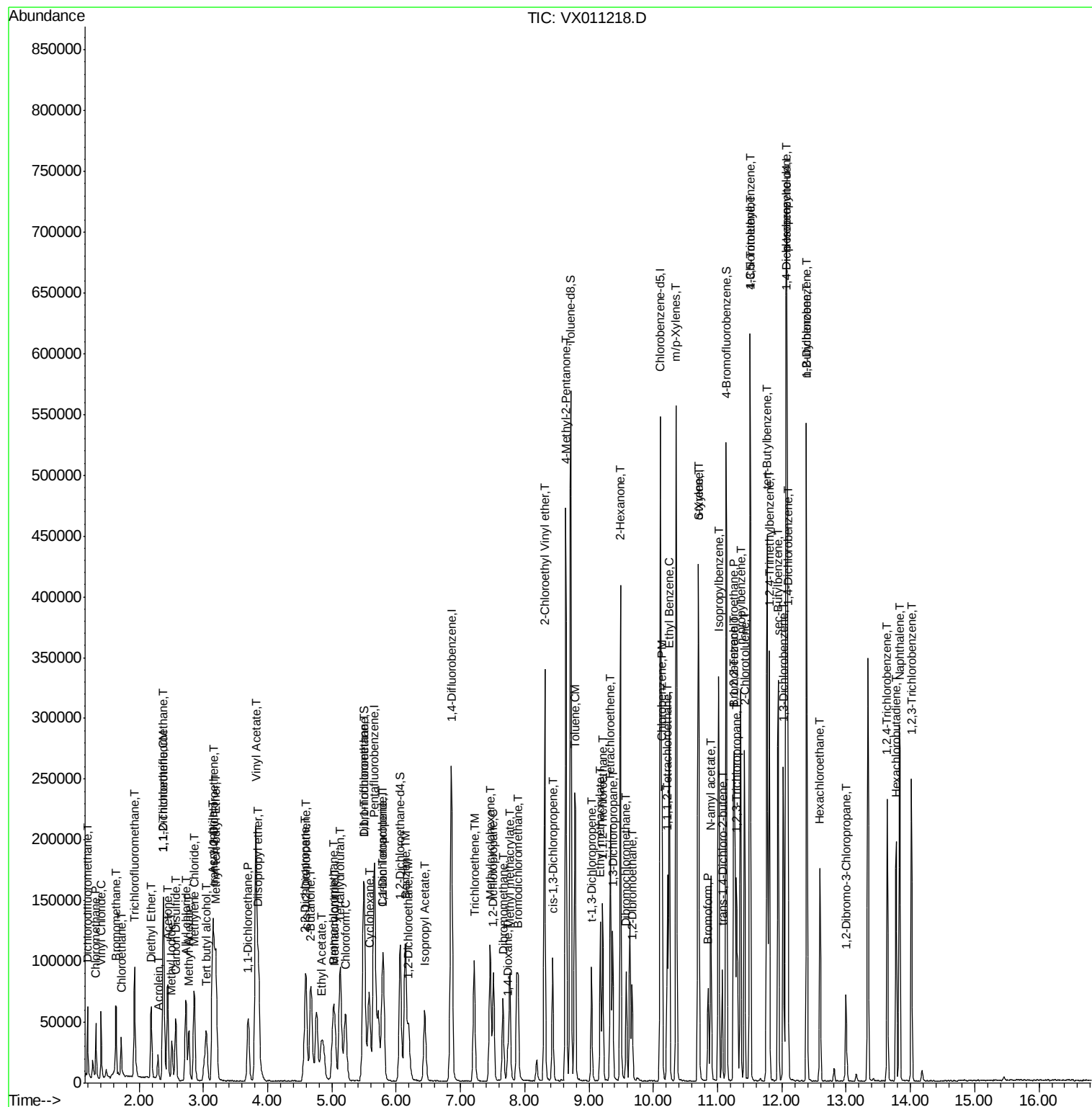
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59104	20.984	ug/l	99
94) Hexachlorobutadiene	13.78	225	27894	19.985	ug/l	99
95) Naphthalene	13.83	128	184669	22.203	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	60212	21.485	ug/l	99

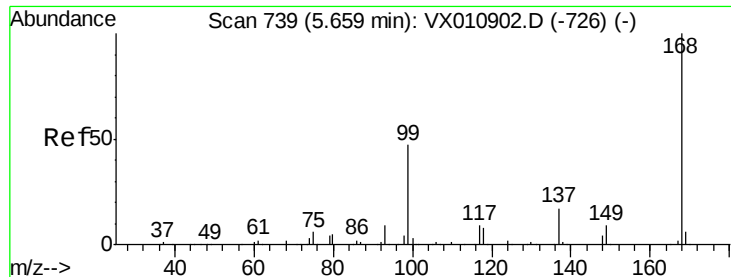
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX073019\
Data File : VX011218.D
Acq On : 31 Jul 2019 01:04
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

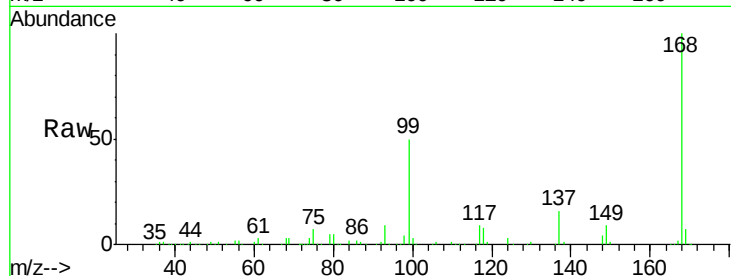
VX0730WBSD02

Tgt Ion:168 Resp: 182623

Ion Ratio Lower Upper

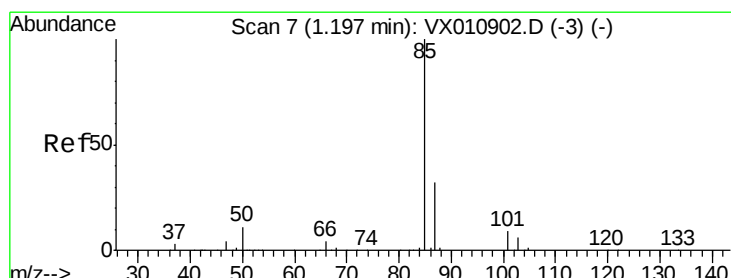
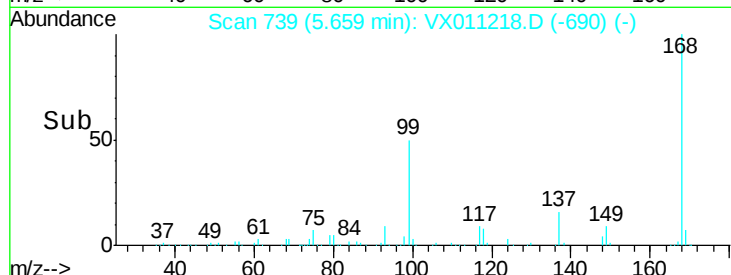
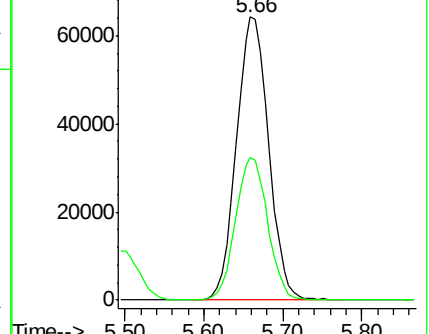
168 100

99 50.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.966 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011218.D

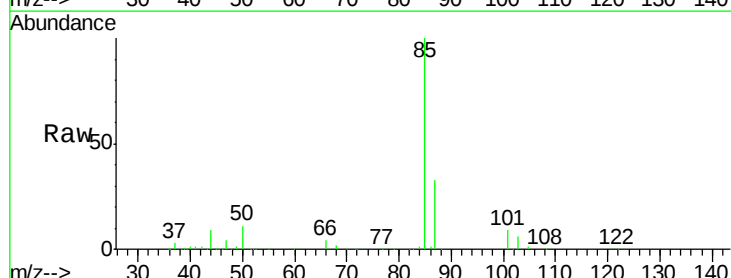
Acq: 31 Jul 2019 01:04

Tgt Ion: 85 Resp: 34297

Ion Ratio Lower Upper

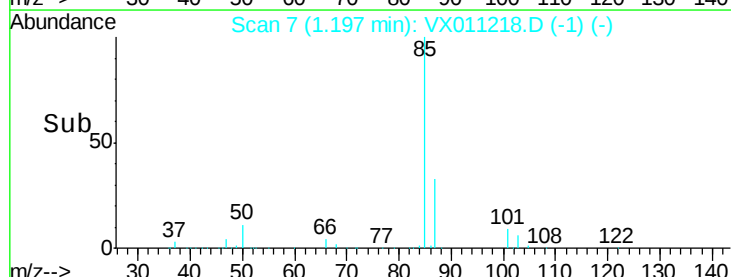
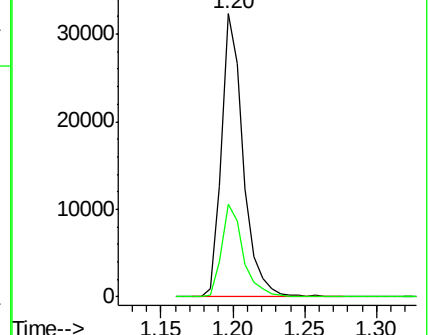
85 100

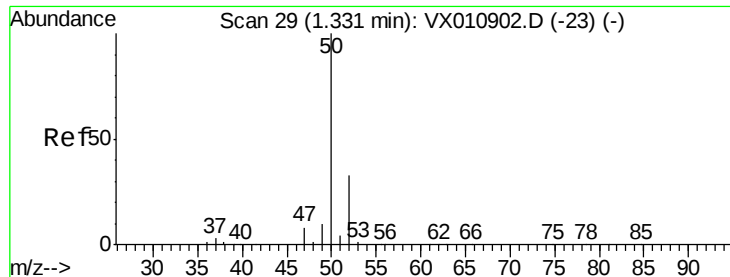
87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.429 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

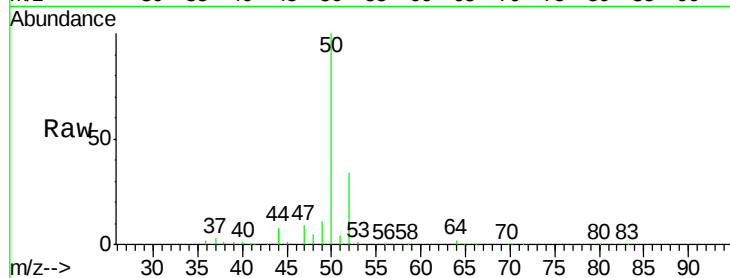
VX0730WBSD02

Tgt Ion: 50 Resp: 30950

Ion Ratio Lower Upper

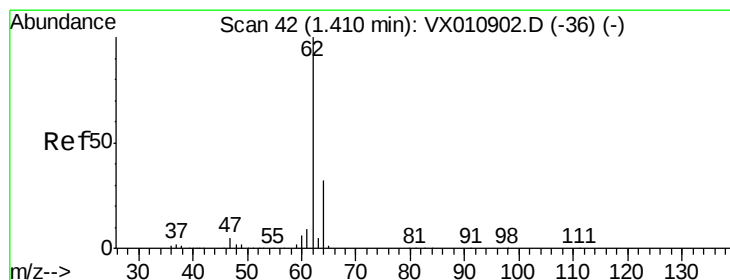
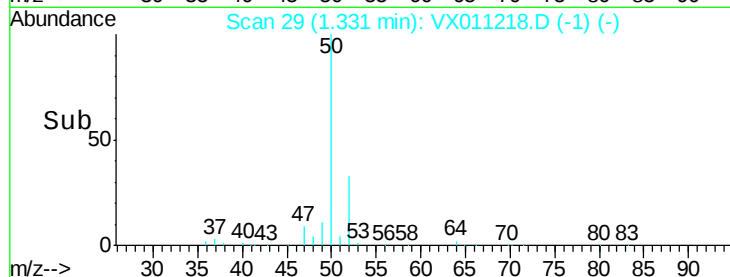
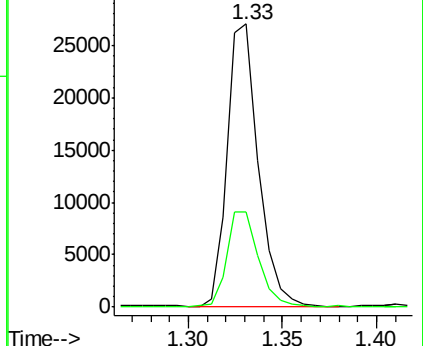
50 100

52 33.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.567 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011218.D

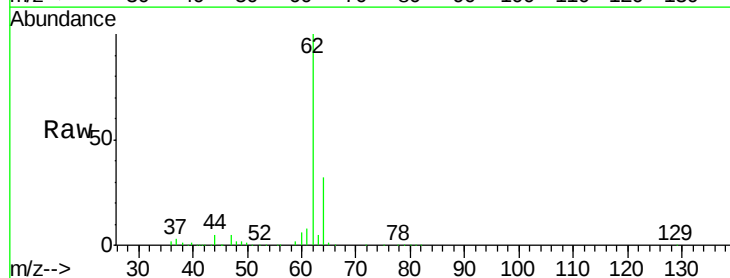
Acq: 31 Jul 2019 01:04

Tgt Ion: 62 Resp: 33518

Ion Ratio Lower Upper

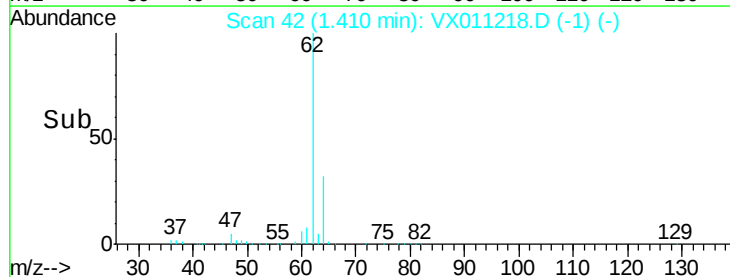
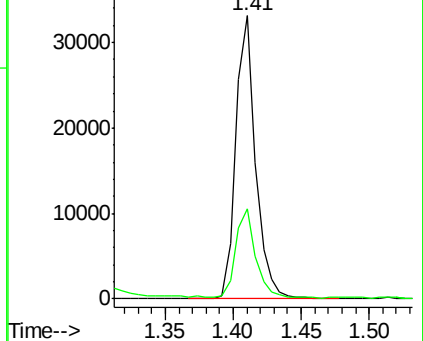
62 100

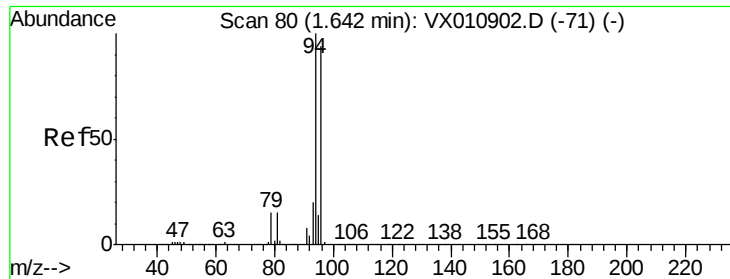
64 31.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.460 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

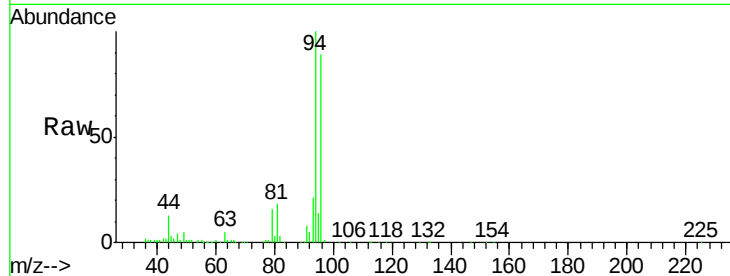
VX0730WBSD02

Tgt Ion: 94 Resp: 19750

Ion Ratio Lower Upper

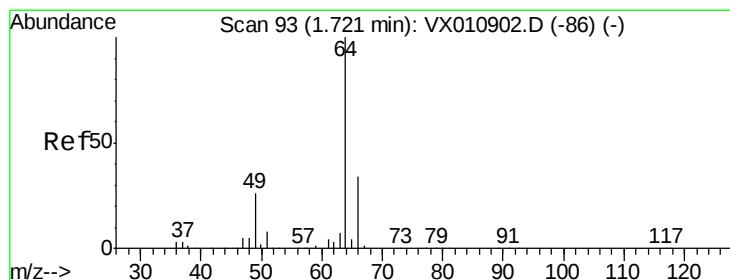
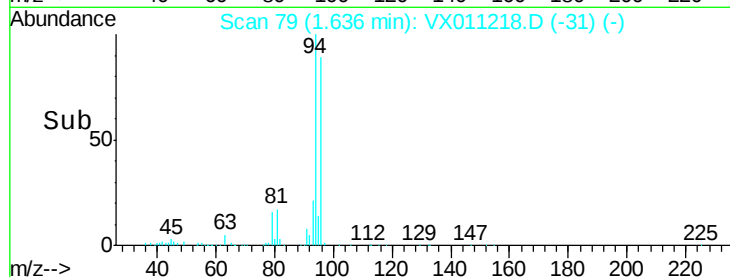
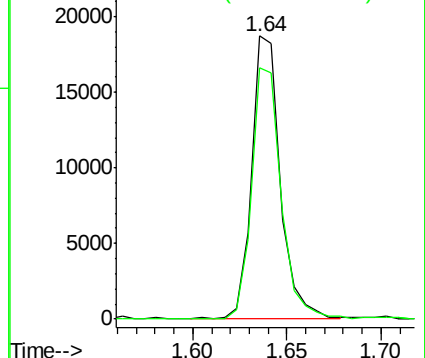
94 100

96 88.9 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.930 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX011218.D

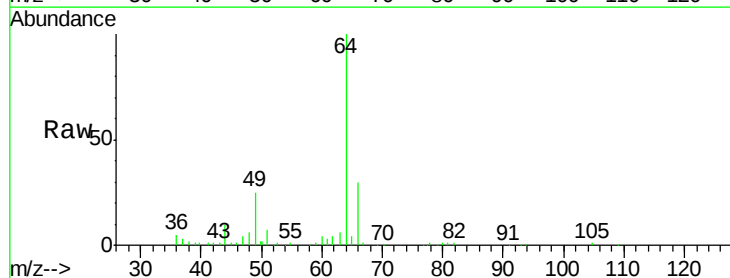
Acq: 31 Jul 2019 01:04

Tgt Ion: 64 Resp: 23873

Ion Ratio Lower Upper

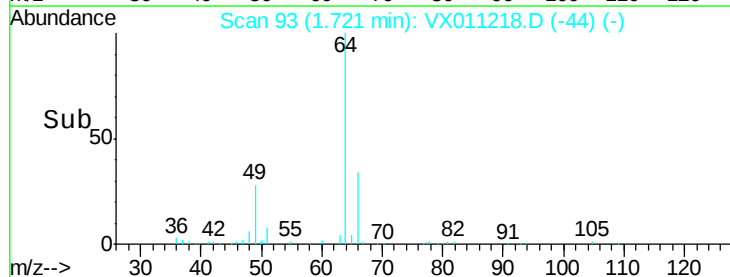
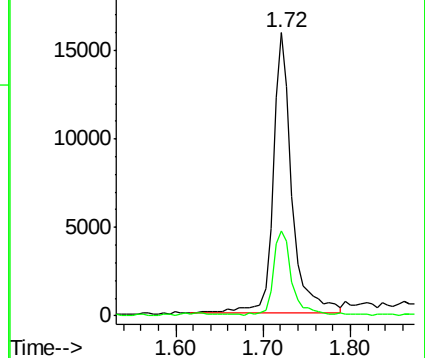
64 100

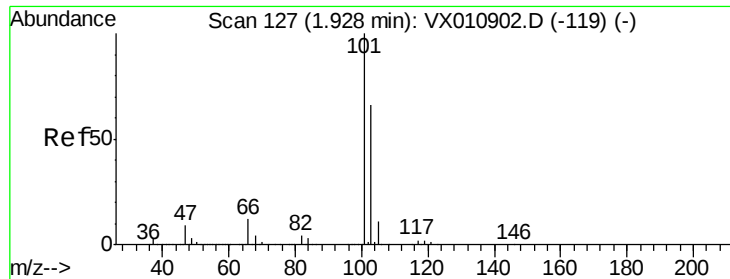
66 29.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



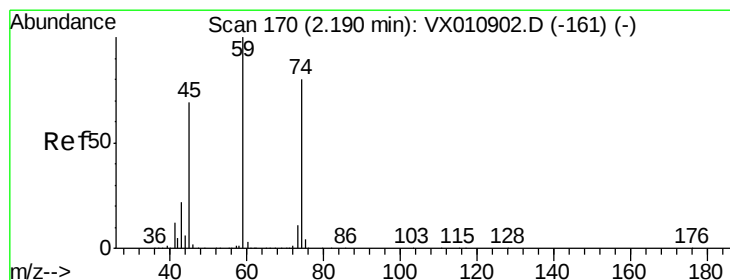
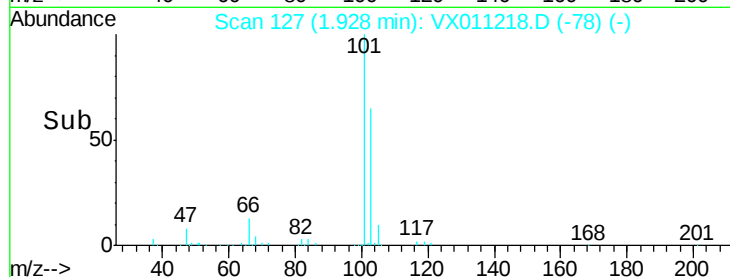
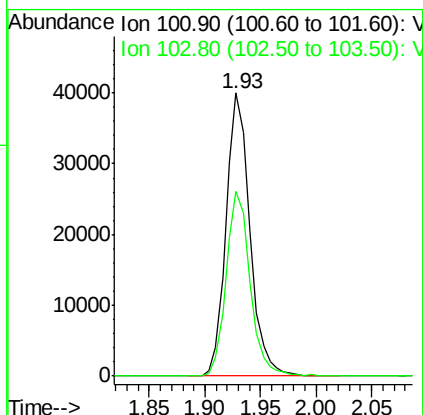
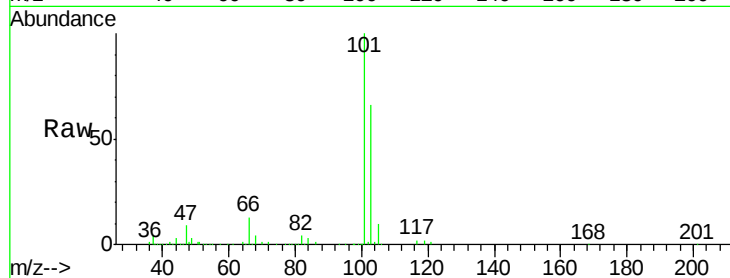


#7

Trichlorofluoromethane
 Concen: 20.514 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Instrument :
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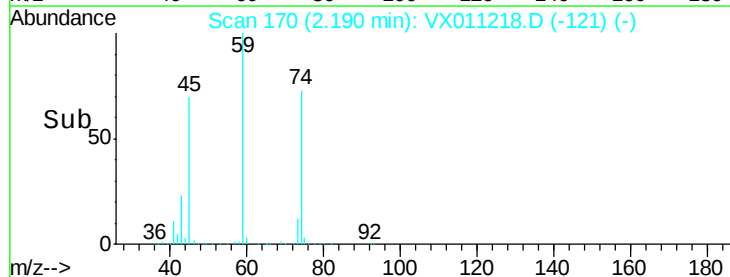
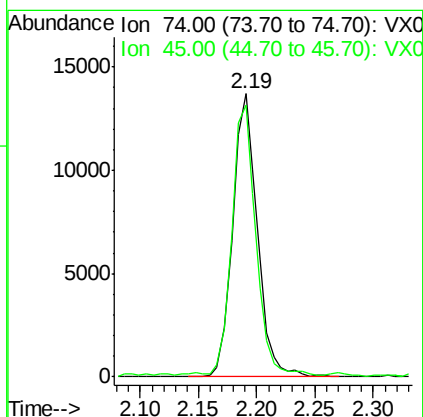
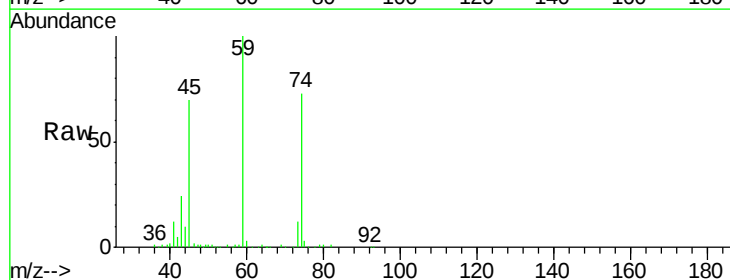
Tgt Ion:101 Resp: 59482
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.6 78.8



#8

Diethyl Ether
 Concen: 20.199 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 74 Resp: 20180
 Ion Ratio Lower Upper
 74 100
 45 92.2 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.686 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

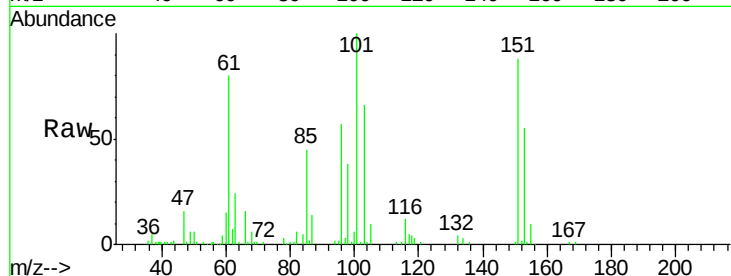
Tgt Ion:101 Resp: 32593

Ion Ratio Lower Upper

101 100

85 44.4 34.6 52.0

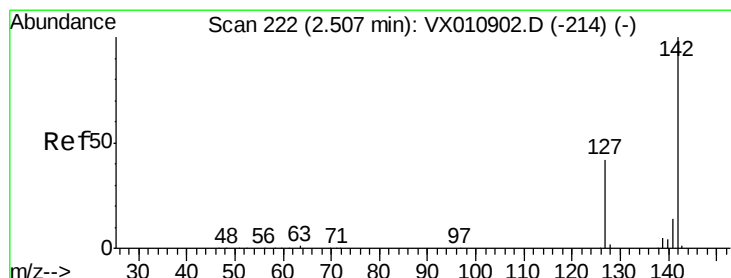
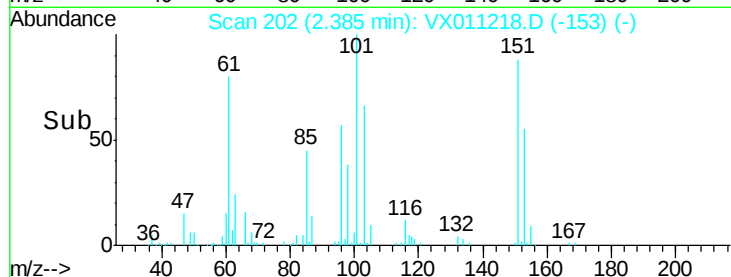
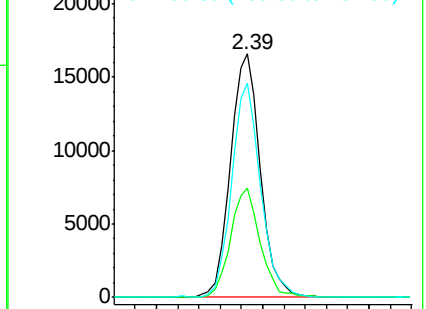
151 85.3 69.6 104.4



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: 15.936 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

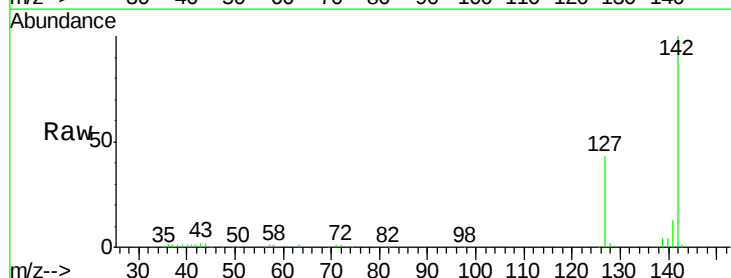
Tgt Ion:142 Resp: 34624

Ion Ratio Lower Upper

142 100

127 43.5 34.2 51.4

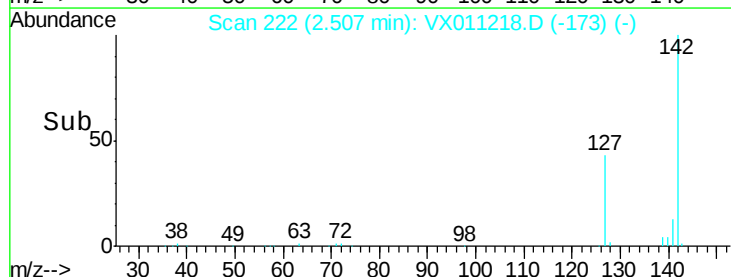
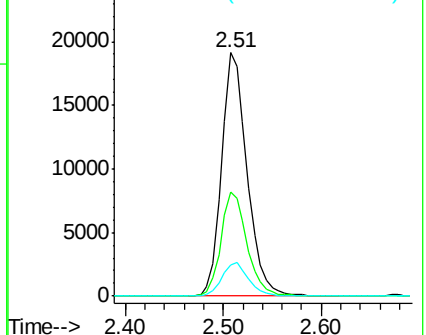
141 14.2 11.7 17.5

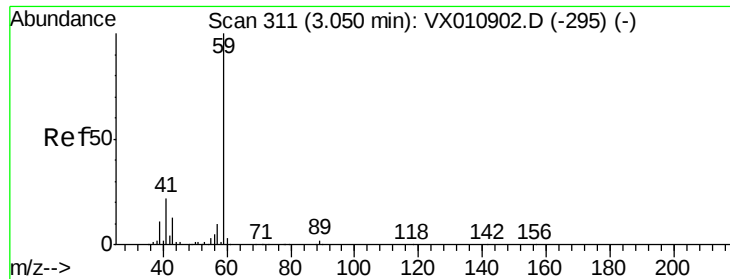


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

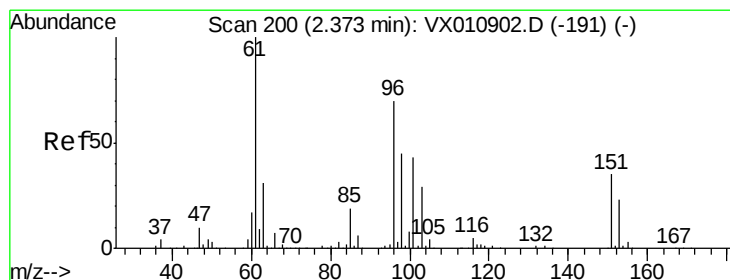
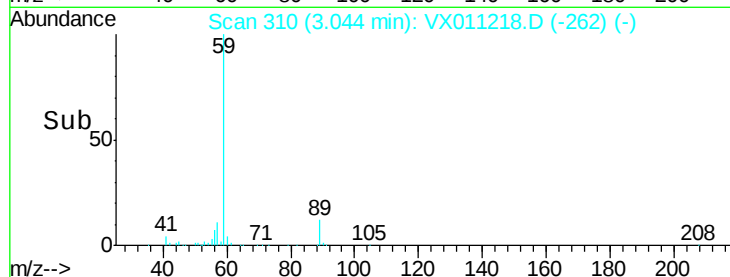
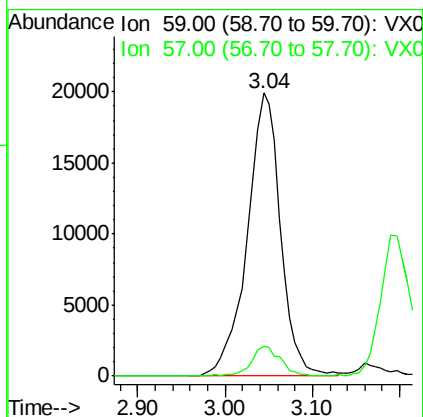
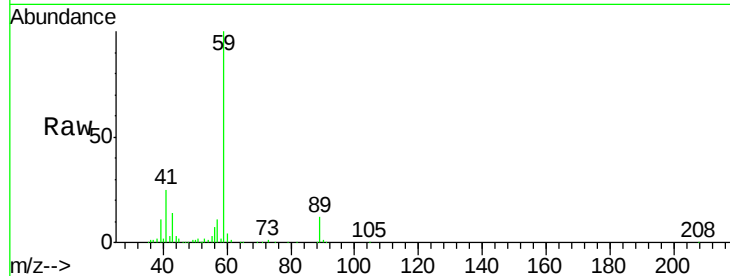




#11
Tert butyl alcohol
Concen: 116.660 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

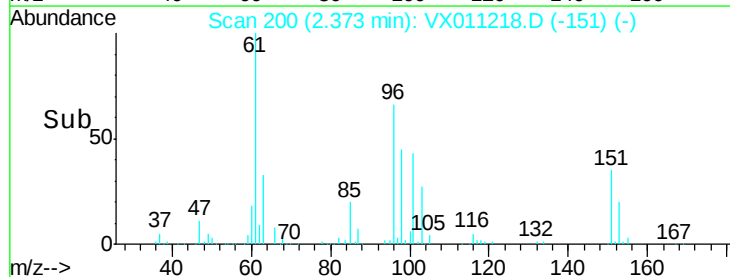
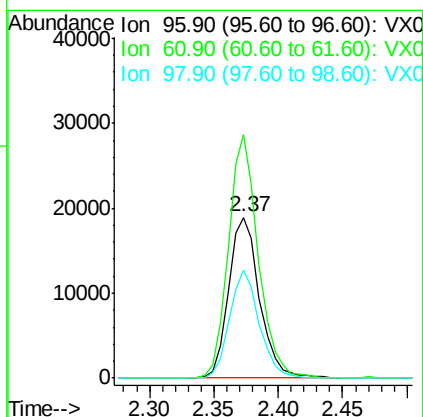
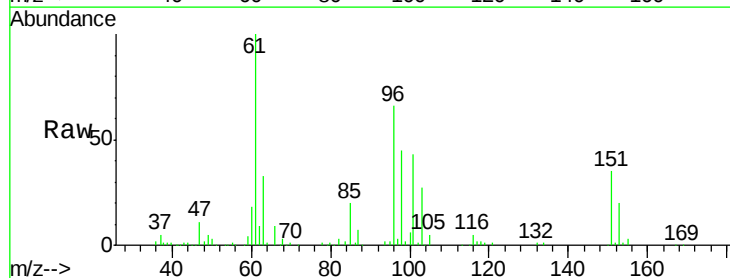
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

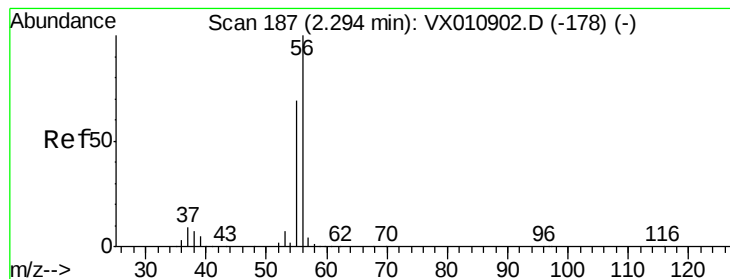
Tgt Ion: 59 Resp: 52785
Ion Ratio Lower Upper
59 100
57 9.3 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.464 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 96 Resp: 31661
Ion Ratio Lower Upper
96 100
61 151.5 115.0 172.4
98 67.5 52.2 78.2





#13

Acrolein

Concen: 58.175 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

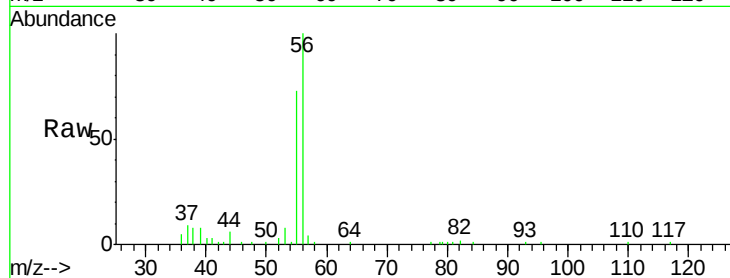
VX0730WBSD02

Tgt Ion: 56 Resp: 15208

Ion Ratio Lower Upper

56 100

55 71.1 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

6000

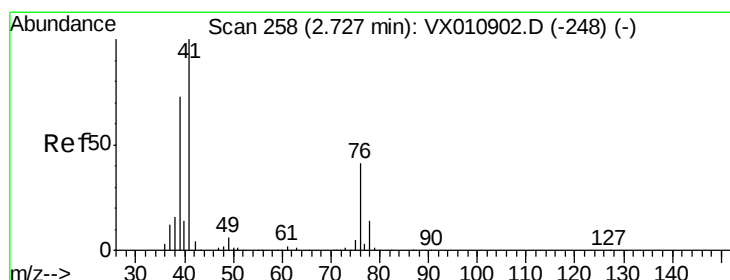
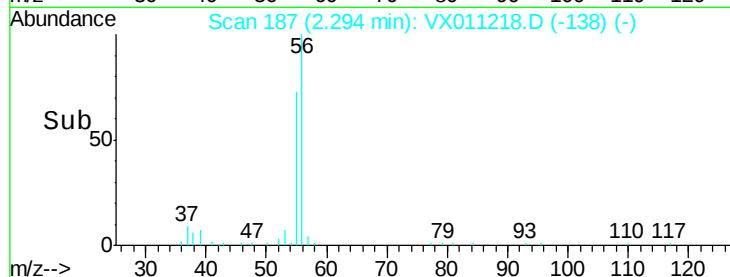
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.858 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

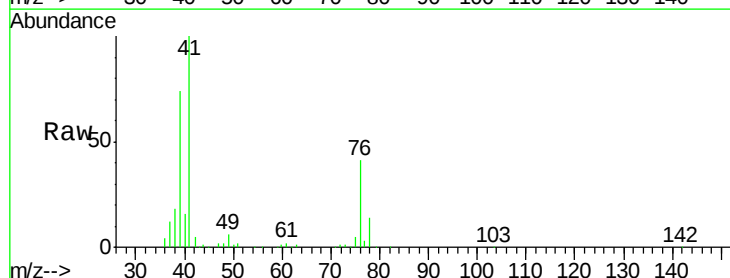
Tgt Ion: 41 Resp: 44557

Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

76 36.7 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

2.73

30000

25000

20000

15000

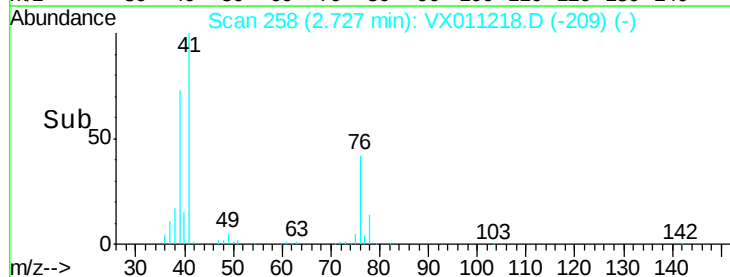
10000

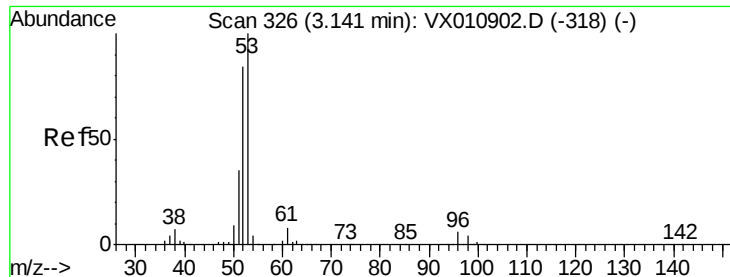
5000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 105.186 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

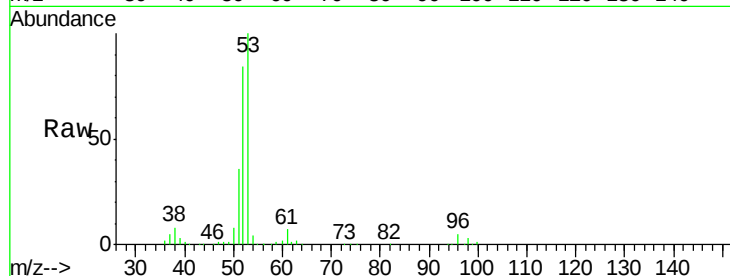
Tgt Ion: 53 Resp: 96171

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

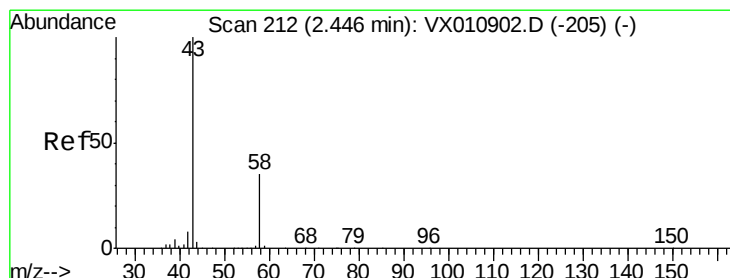
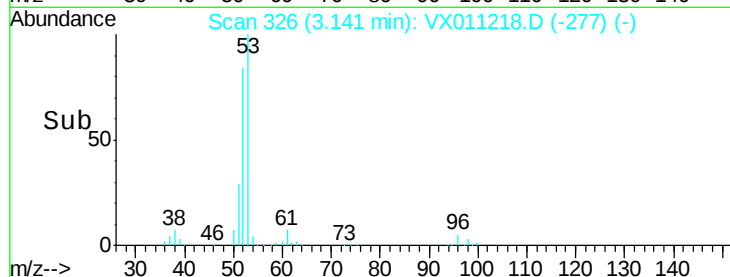
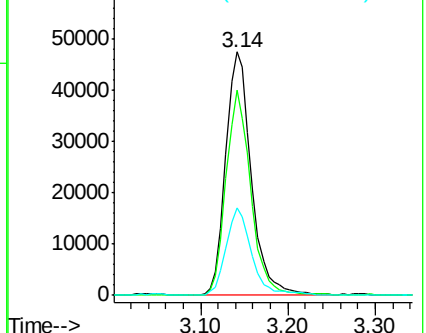
51 36.4 28.2 42.4



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: 93.421 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011218.D

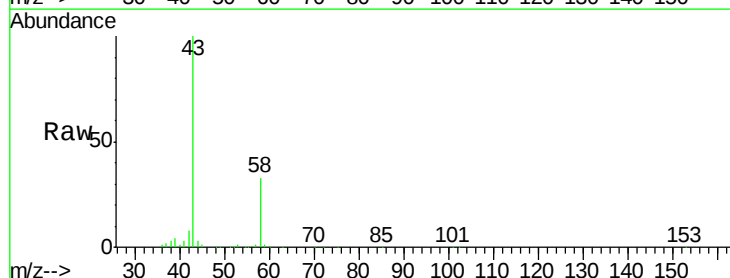
Acq: 31 Jul 2019 01:04

Tgt Ion: 43 Resp: 81975

Ion Ratio Lower Upper

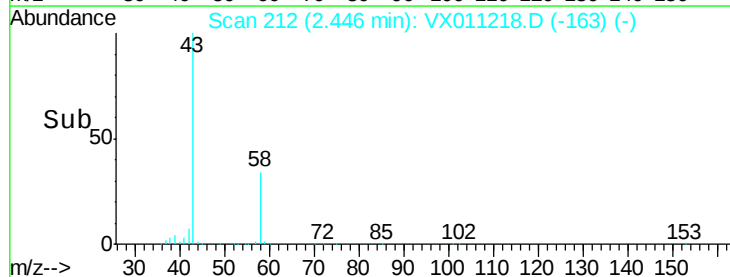
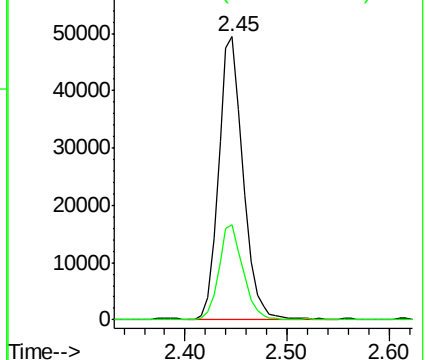
43 100

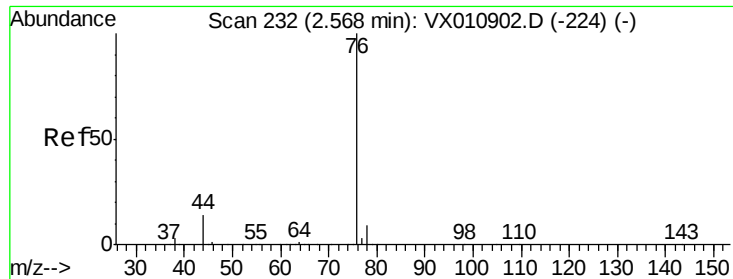
58 33.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

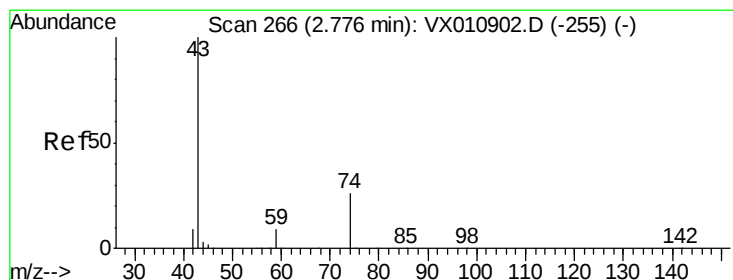
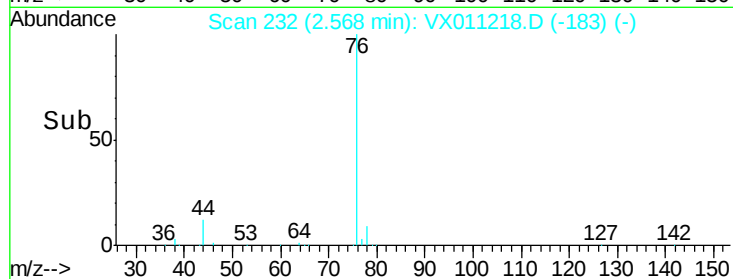
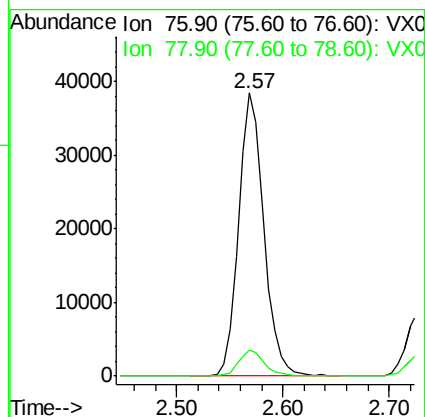
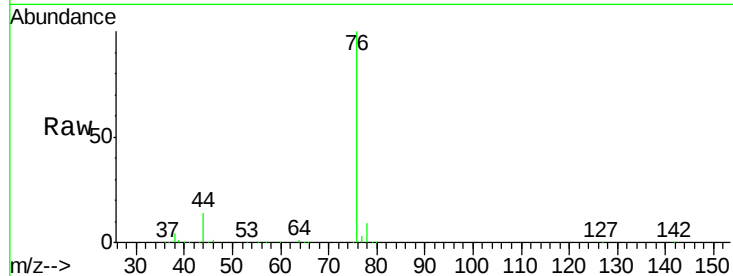




#17
Carbon Disulfide
Concen: 15.411 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

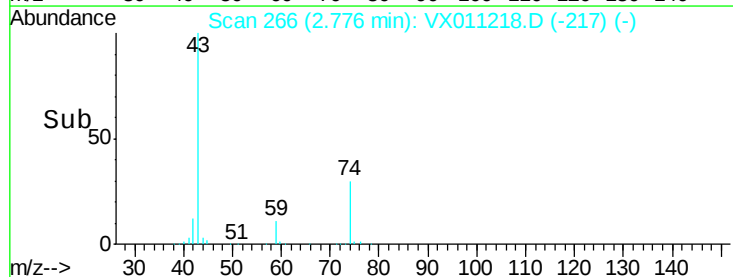
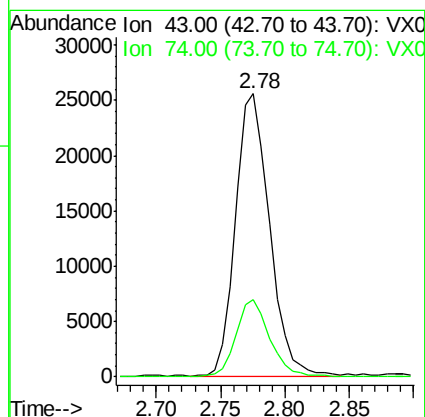
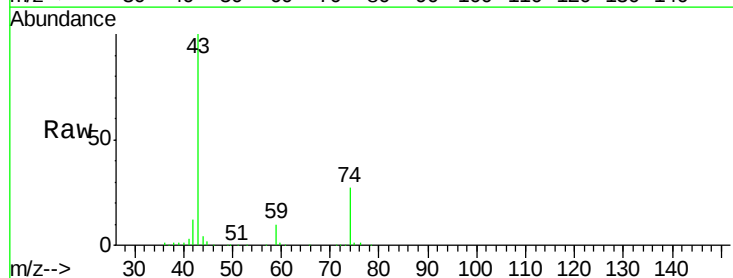
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

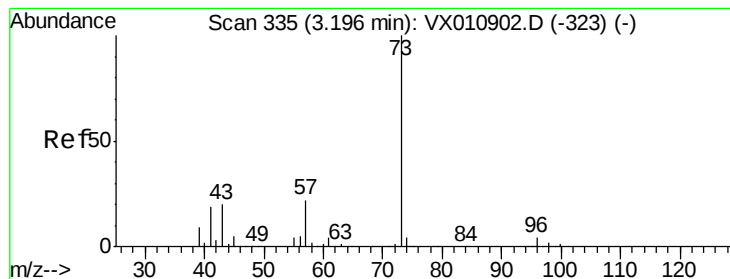
Tgt Ion: 76 Resp: 64305
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 23.377 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 43 Resp: 46708
Ion Ratio Lower Upper
43 100
74 27.5 21.5 32.3



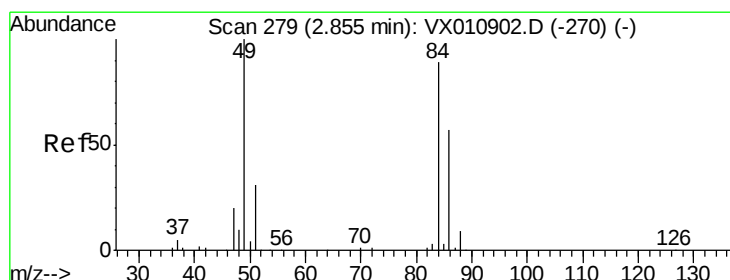
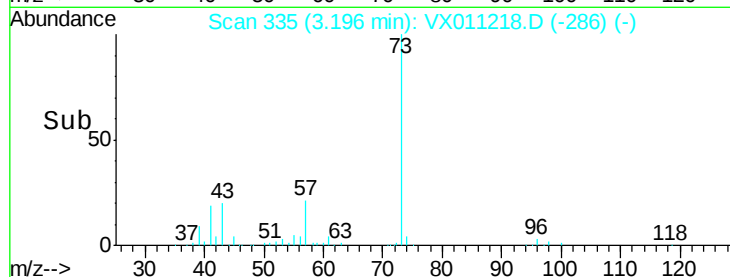
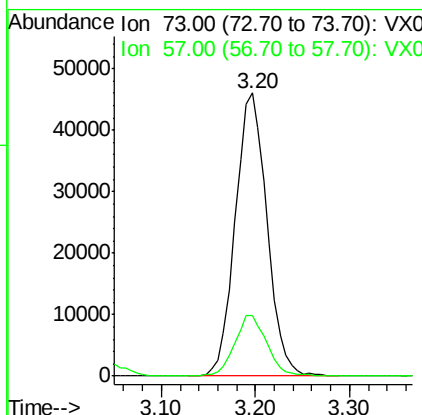
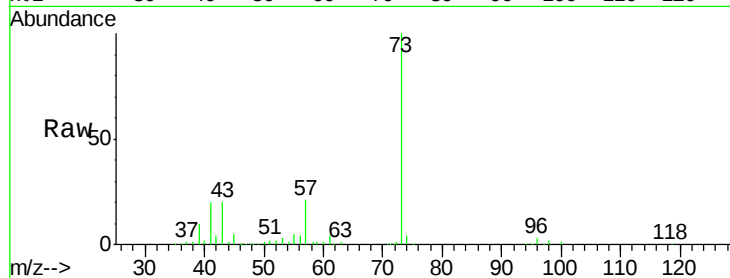


#19

Methyl tert-butyl Ether
 Concen: 20.651 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

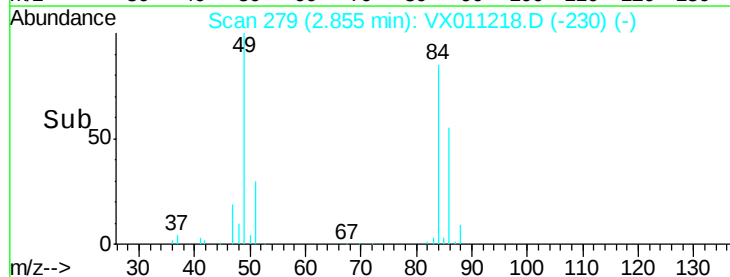
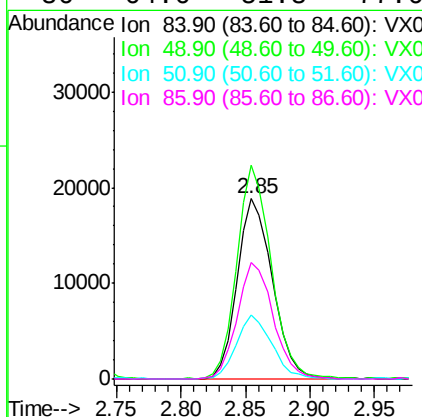
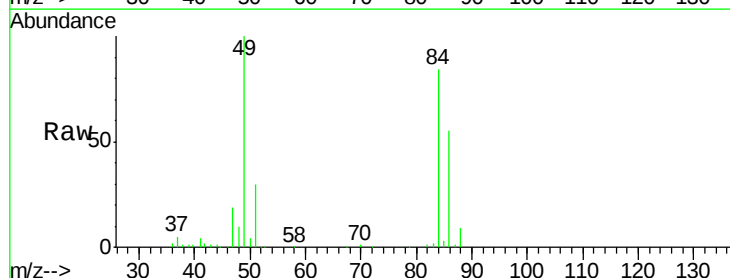
Tgt Ion: 73 Resp: 108140
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.3 25.9

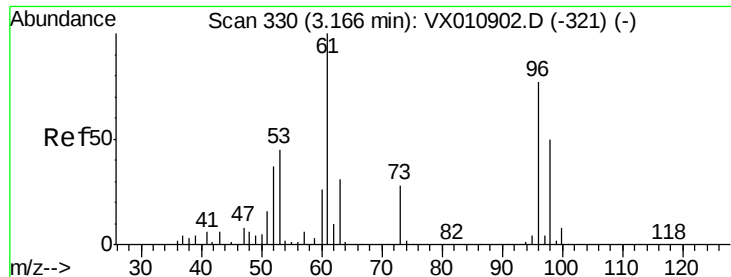


#20

Methylene Chloride
 Concen: 19.270 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 84 Resp: 35833
 Ion Ratio Lower Upper
 84 100
 49 118.1 89.9 134.9
 51 35.5 27.8 41.6
 86 64.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.010 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

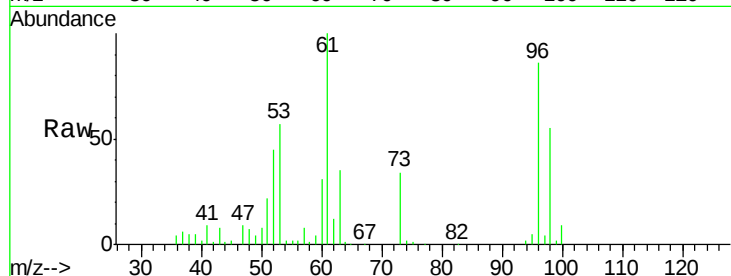
Tgt Ion: 96 Resp: 32811

Ion Ratio Lower Upper

96 100

61 116.6 104.2 156.2

98 64.4 52.2 78.4

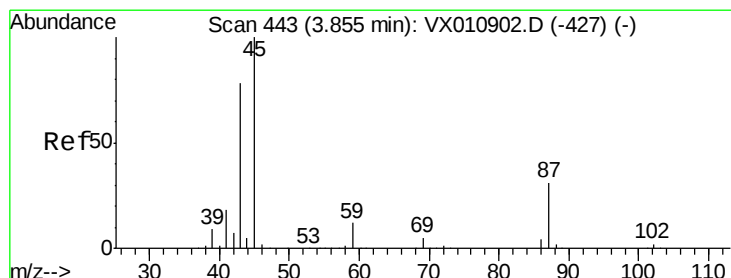
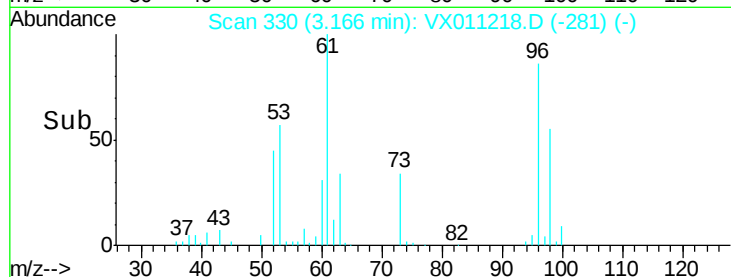
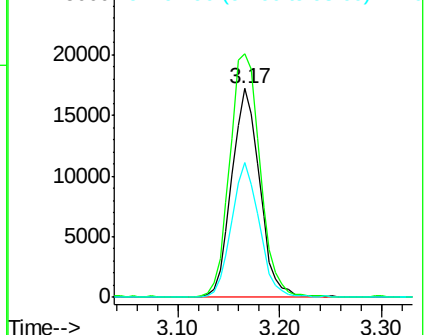


Abundance

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: 20.507 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Tgt Ion: 45 Resp: 102195

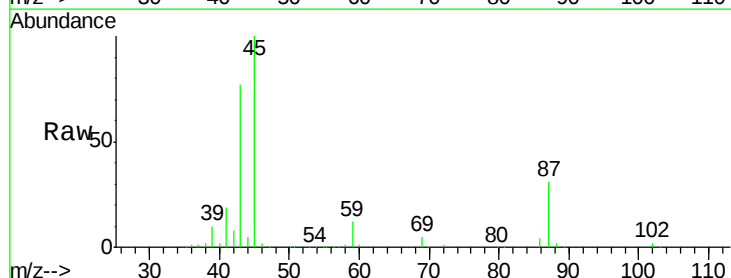
Ion Ratio Lower Upper

45 100

43 76.5 62.3 93.5

87 31.1 25.0 37.4

59 12.1 9.9 14.9



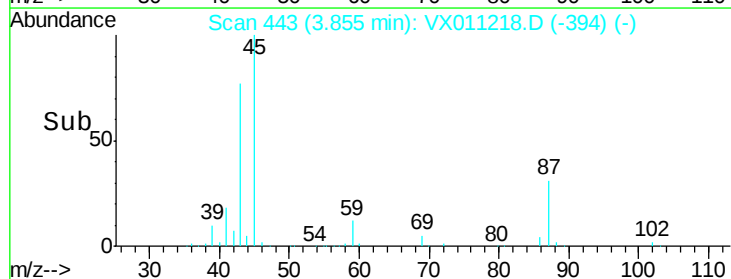
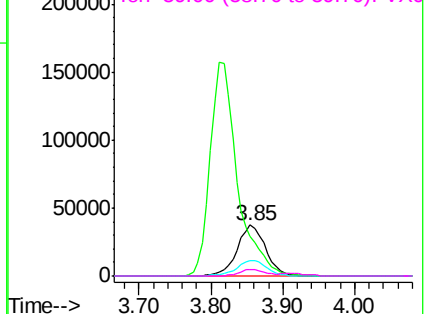
Abundance

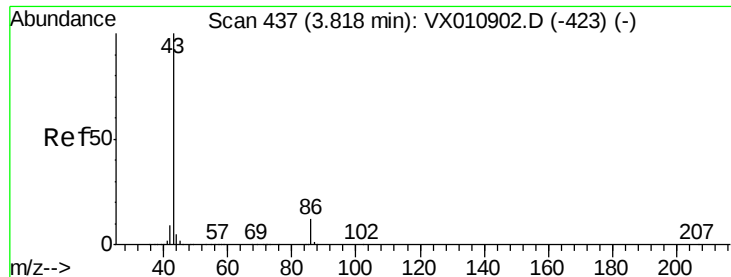
Ion 45.00 (44.70 to 45.70): VX0

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: 98.554 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

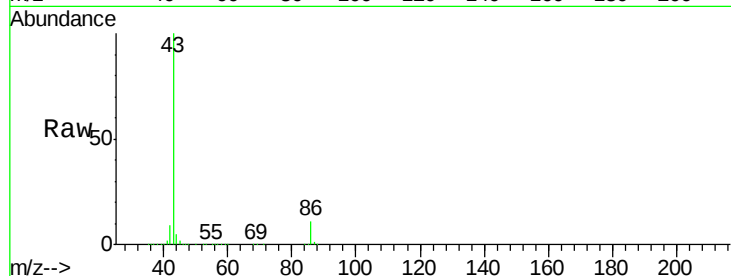
VX0730WBSD02

Tgt Ion: 43 Resp: 416126

Ion Ratio Lower Upper

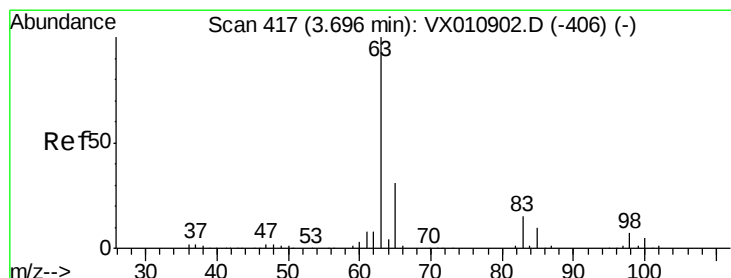
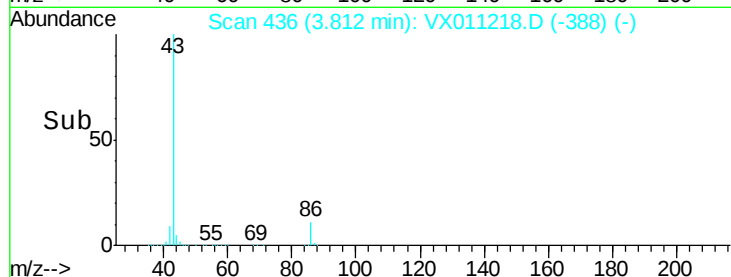
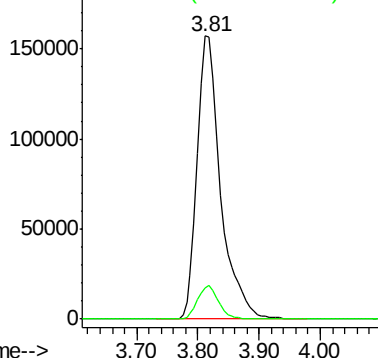
43 100

86 11.1 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: 20.214 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

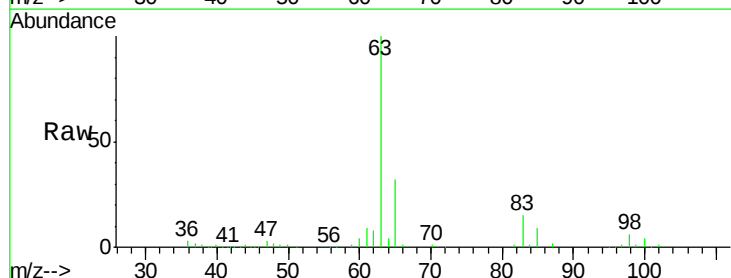
Tgt Ion: 63 Resp: 58502

Ion Ratio Lower Upper

63 100

98 5.8 3.6 10.9

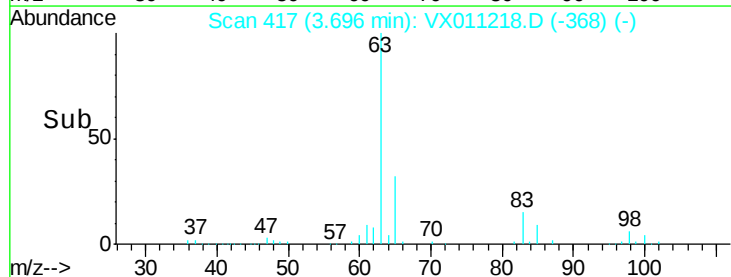
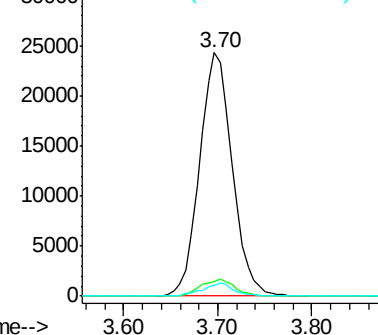
100 4.3 2.4 7.2

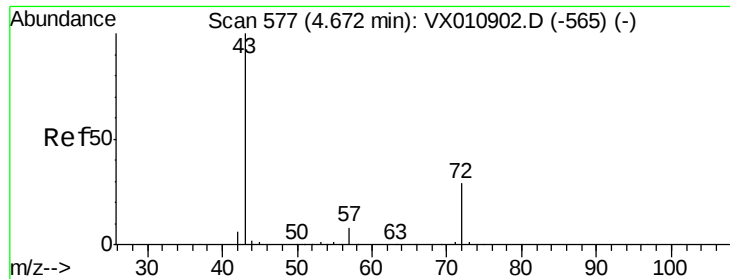


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.956 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

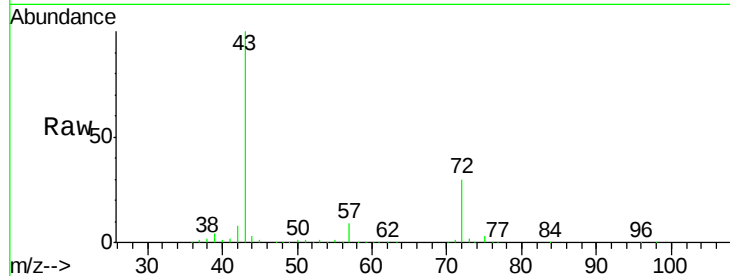
VX0730WBSD02

Tgt Ion: 43 Resp: 130944

Ion Ratio Lower Upper

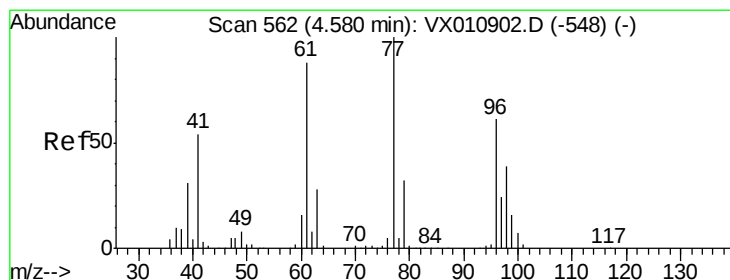
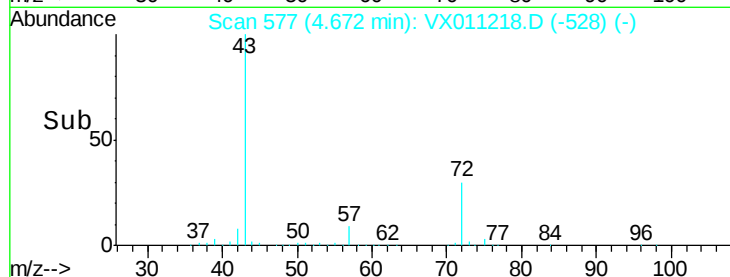
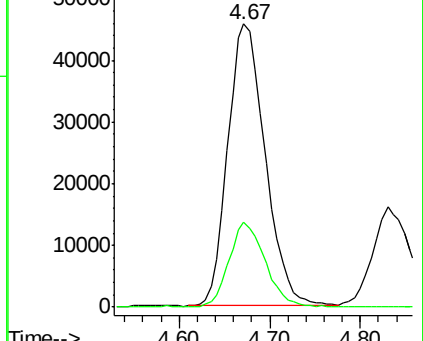
43 100

72 29.7 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.772 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011218.D

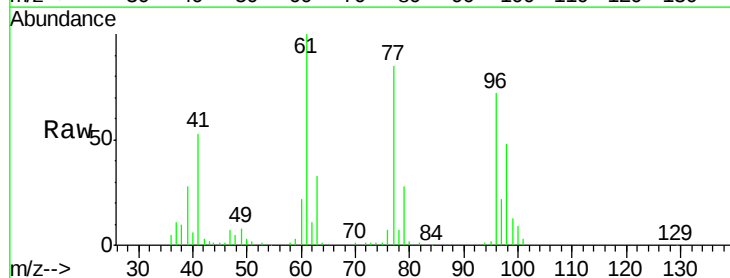
Acq: 31 Jul 2019 01:04

Tgt Ion: 77 Resp: 32725

Ion Ratio Lower Upper

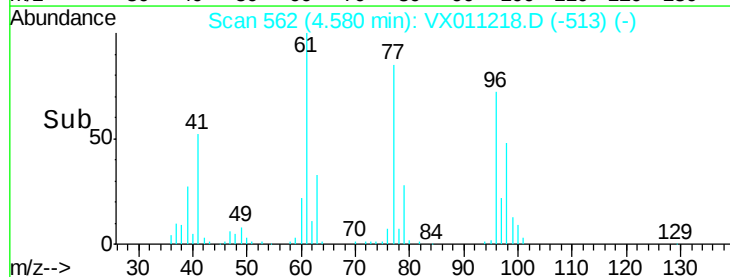
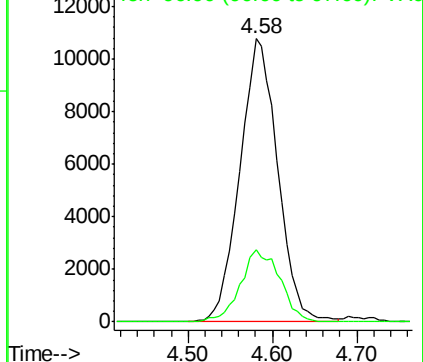
77 100

97 26.6 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



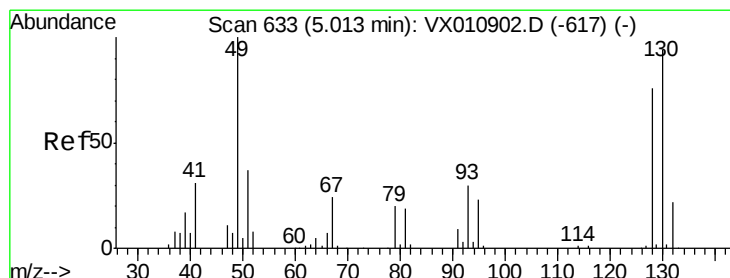
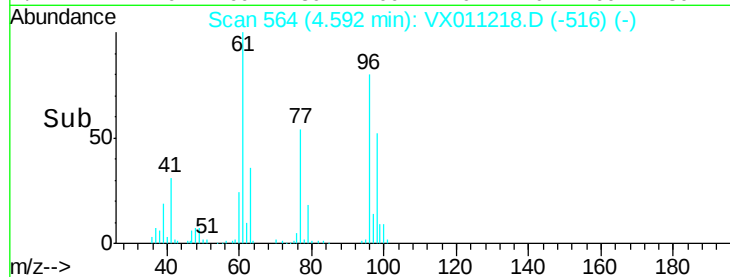
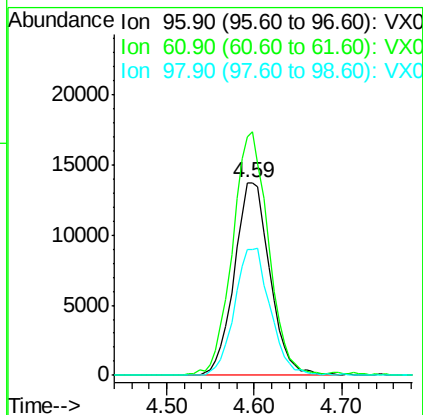
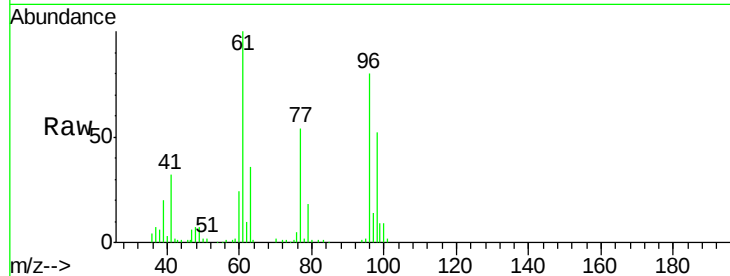


#27

cis-1,2-Dichloroethene
Concen: 19.472 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

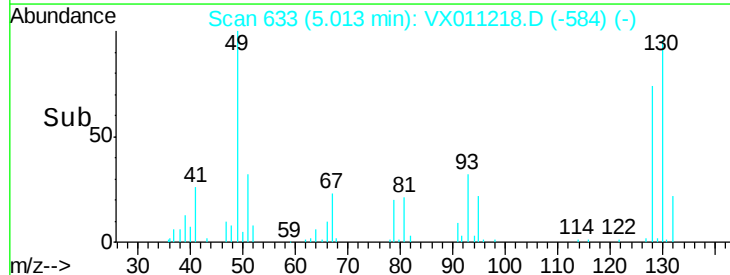
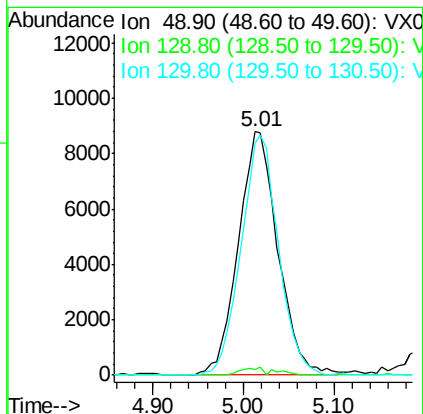
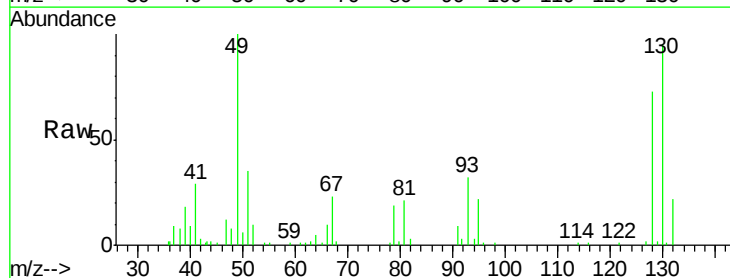
Tgt Ion: 96 Resp: 38896
Ion Ratio Lower Upper
96 100
61 127.9 0.0 269.0
98 65.8 0.0 131.4

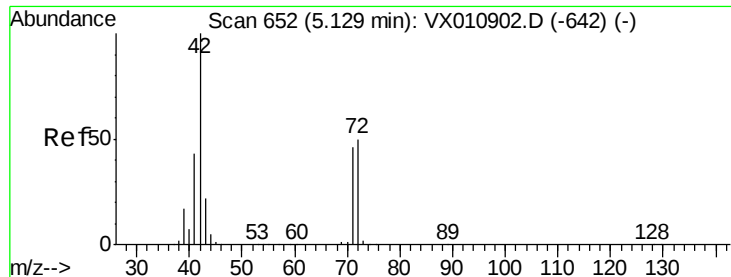


#28

Bromochloromethane
Concen: 19.465 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 49 Resp: 26546
Ion Ratio Lower Upper
49 100
129 1.6 0.0 5.2
130 93.0 76.9 115.3

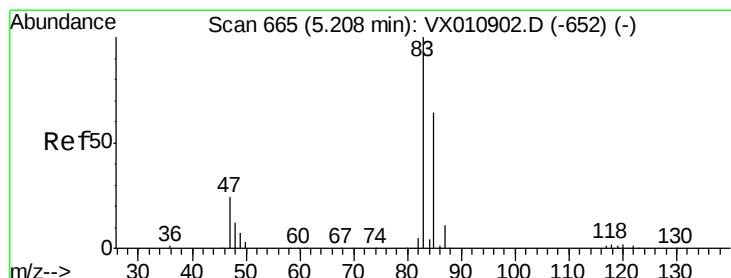
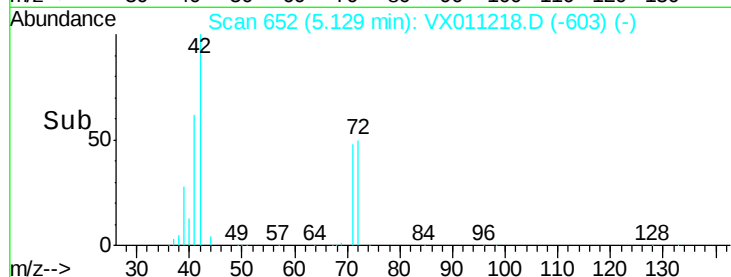
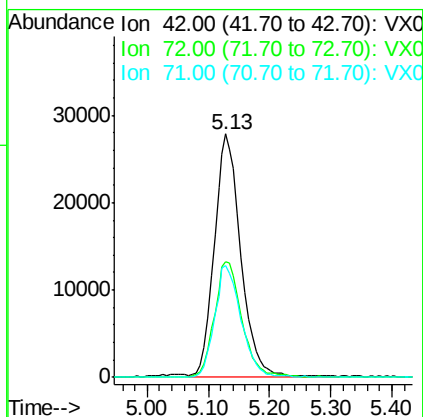
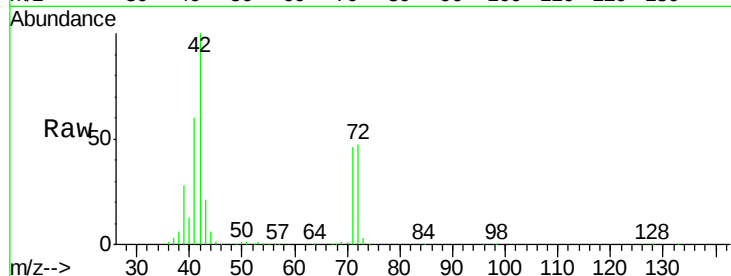




#29
Tetrahydrofuran
Concen: 104.852 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

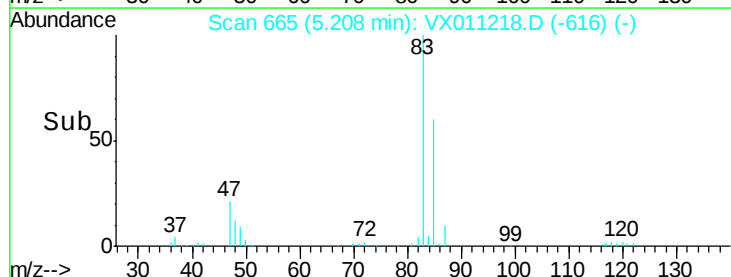
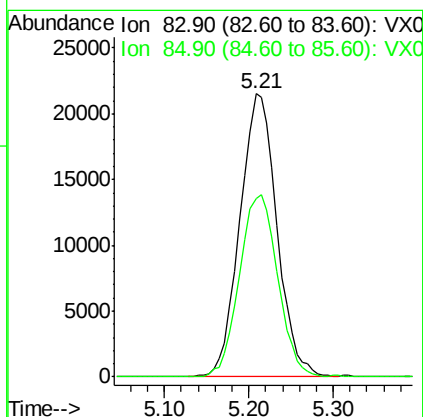
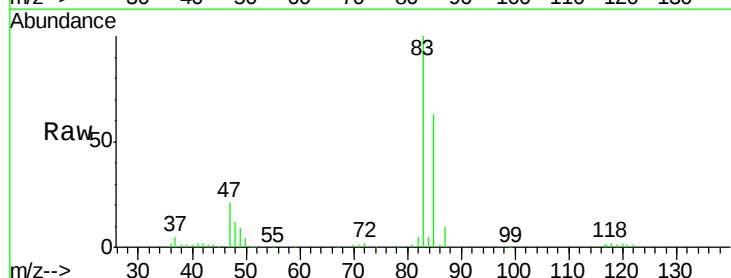
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

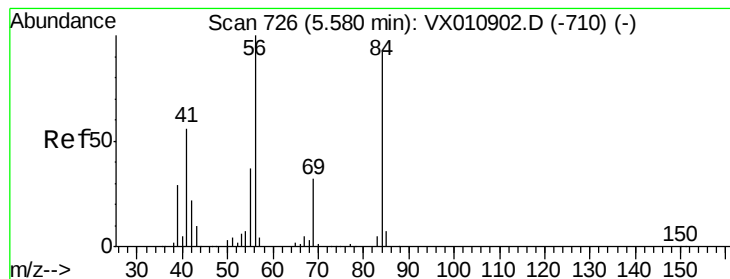
Tgt Ion: 42 Resp: 83660
Ion Ratio Lower Upper
42 100
72 49.9 39.8 59.8
71 46.2 37.0 55.4



#30
Chloroform
Concen: 20.523 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 83 Resp: 64199
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0





#31

Cyclohexane

Concen: 18.640 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

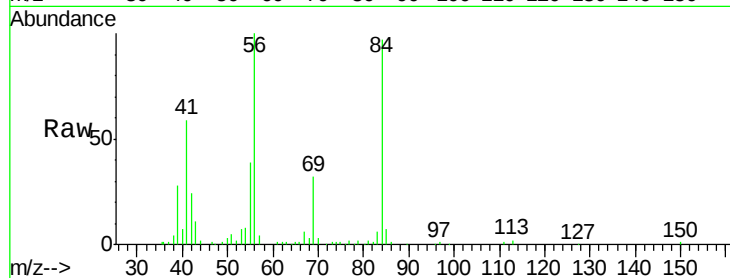
Tgt Ion: 56 Resp: 49171

Ion Ratio Lower Upper

56 100

69 31.8 25.8 38.8

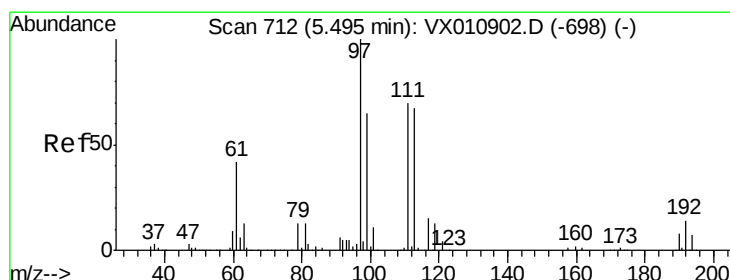
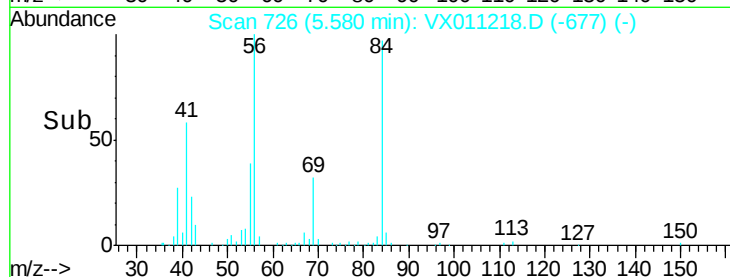
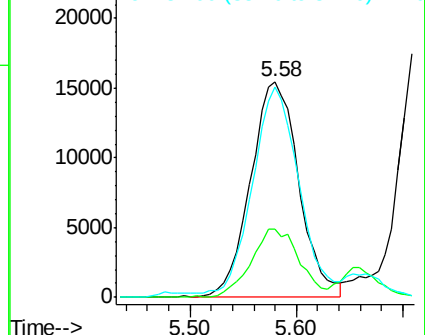
84 95.3 73.8 110.6



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: 20.241 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

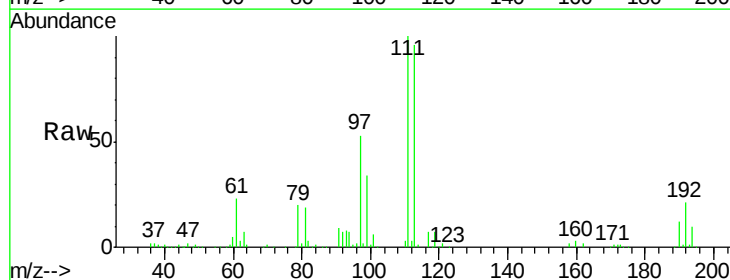
Tgt Ion: 97 Resp: 54778

Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.0

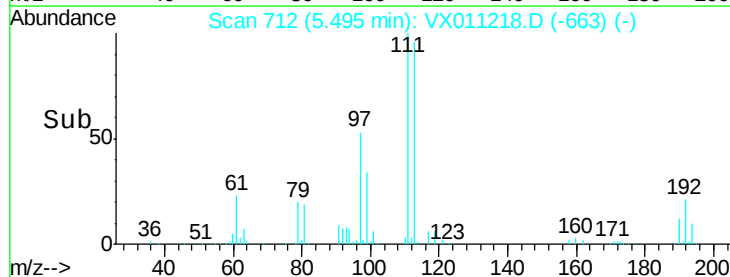
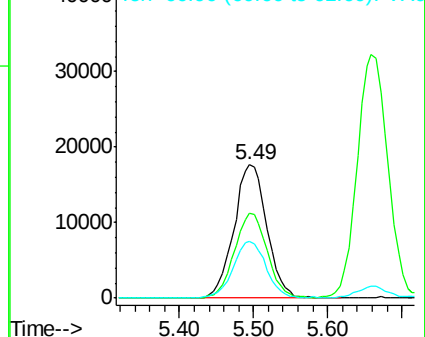
61 42.5 33.0 49.6

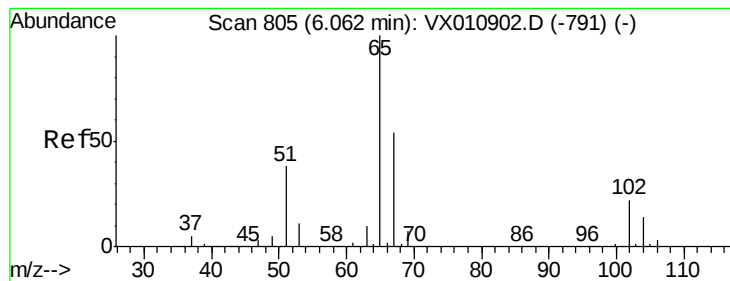


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.770 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

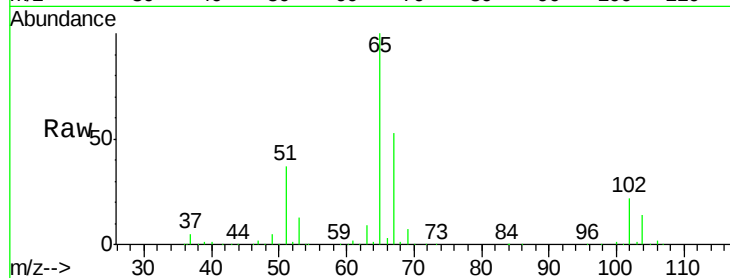
VX0730WBSD02

Tgt Ion: 65 Resp: 104466

Ion Ratio Lower Upper

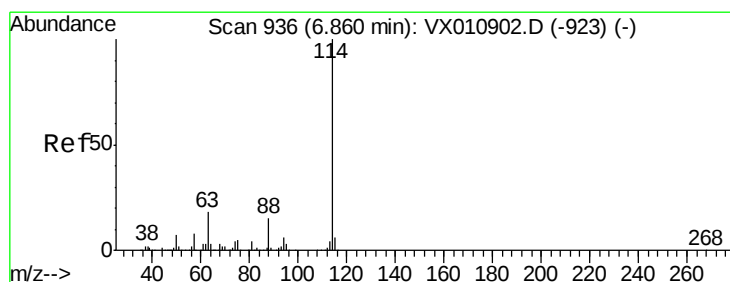
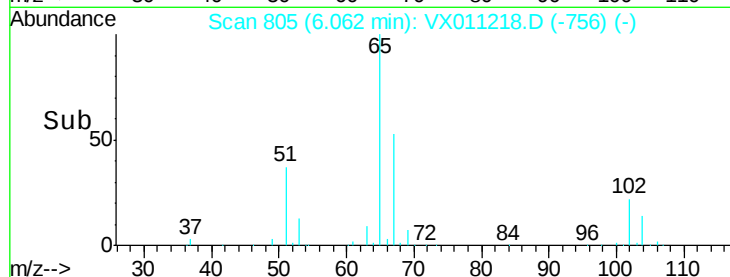
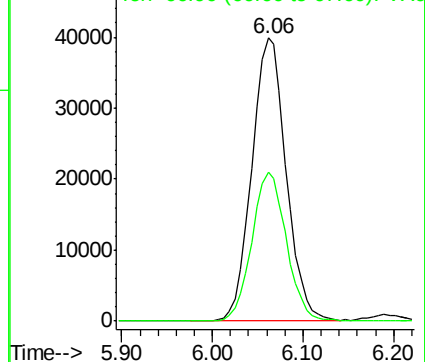
65 100

67 53.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

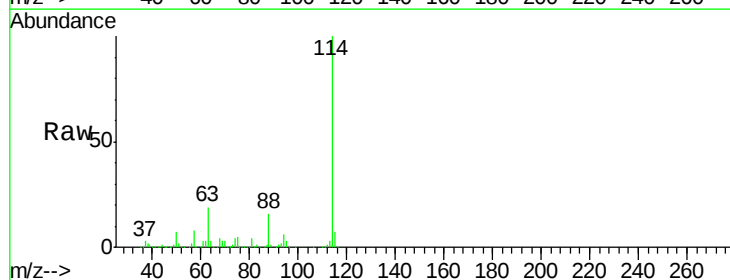
Tgt Ion: 114 Resp: 270551

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

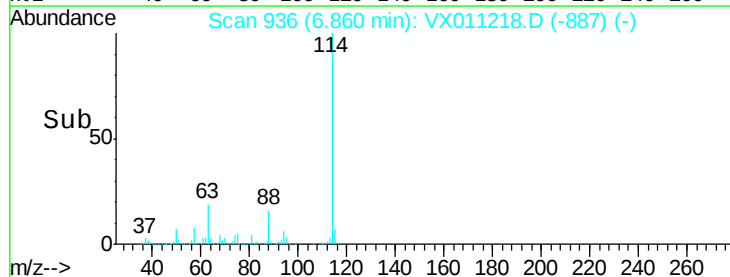
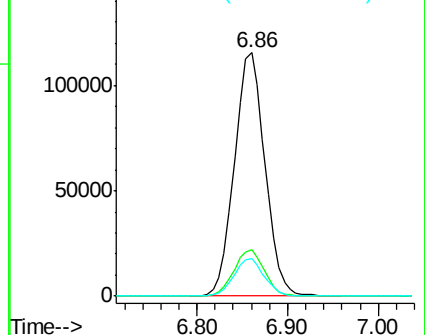
88 15.7 0.0 29.8

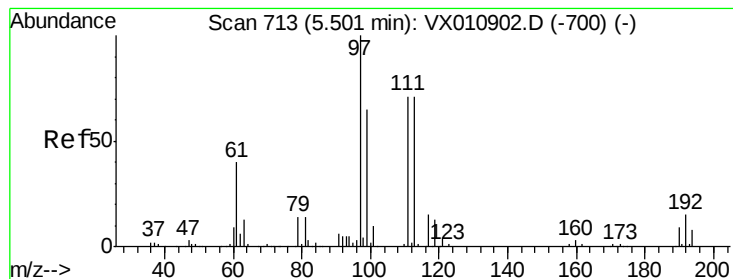


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.915 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

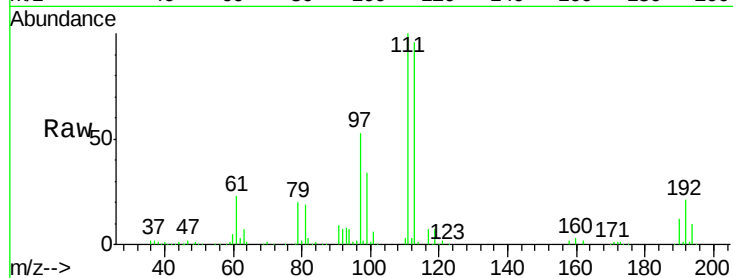
Tgt Ion:113 Resp: 92585

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

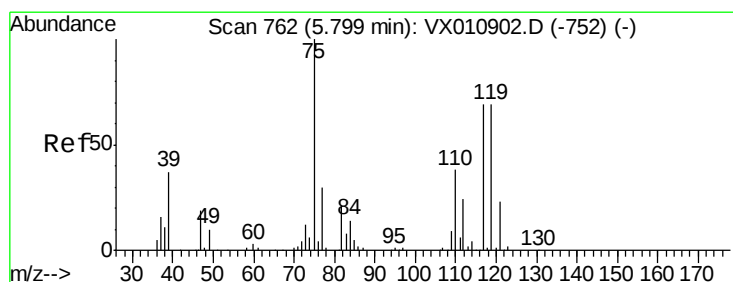
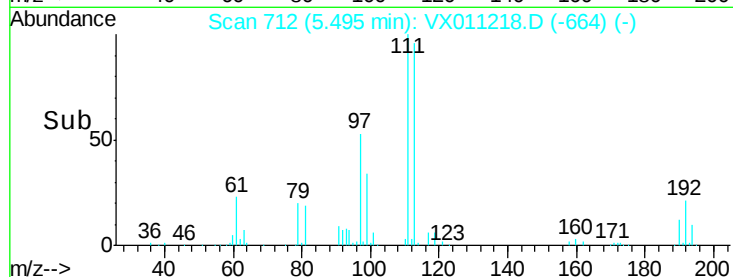
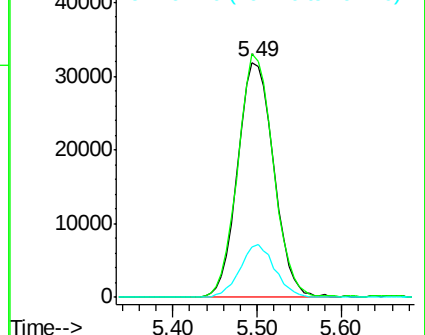
192 21.7 17.4 26.2



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: 19.759 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

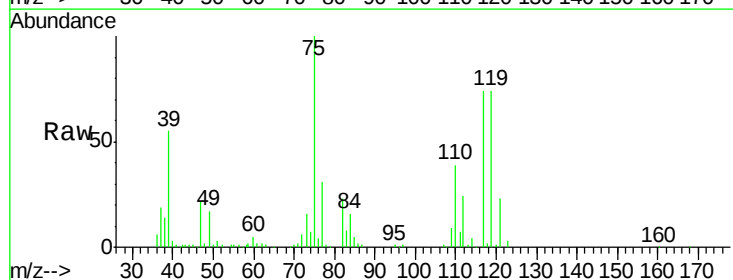
Tgt Ion: 75 Resp: 43911

Ion Ratio Lower Upper

75 100

110 38.4 19.9 59.7

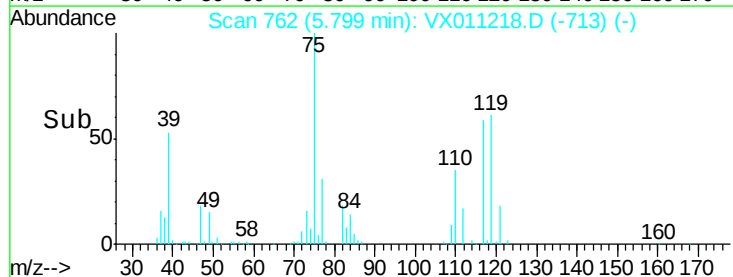
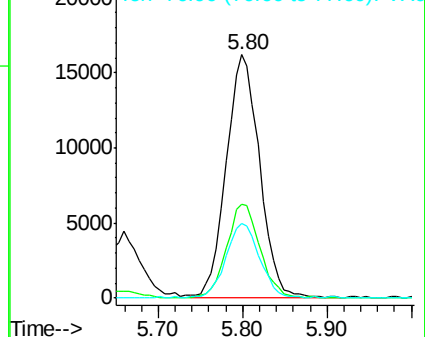
77 31.2 25.0 37.4

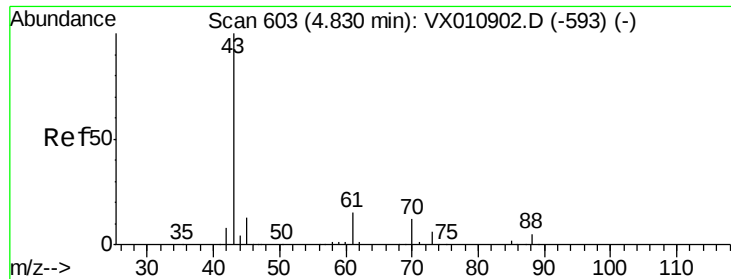


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

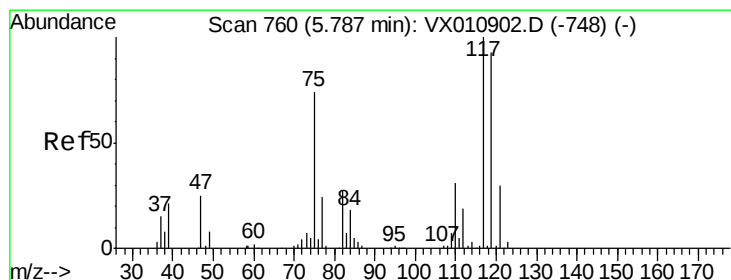
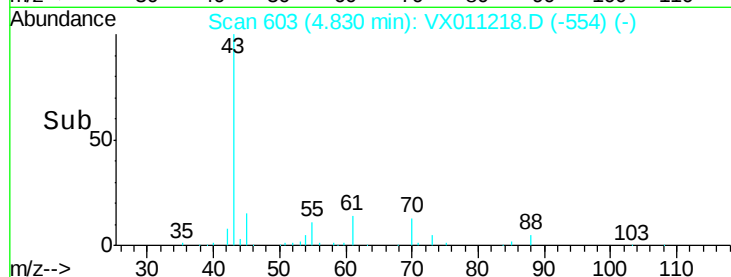
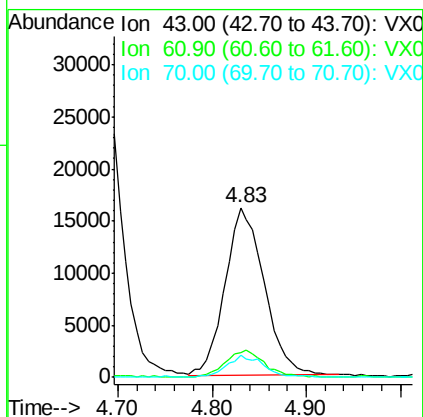
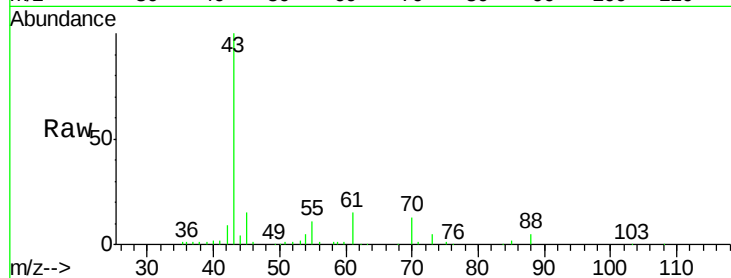




#37
Ethyl Acetate
Concen: 20.450 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

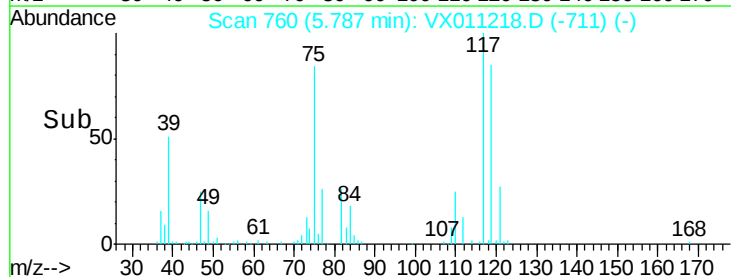
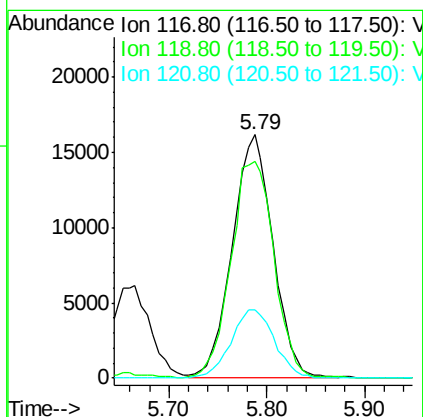
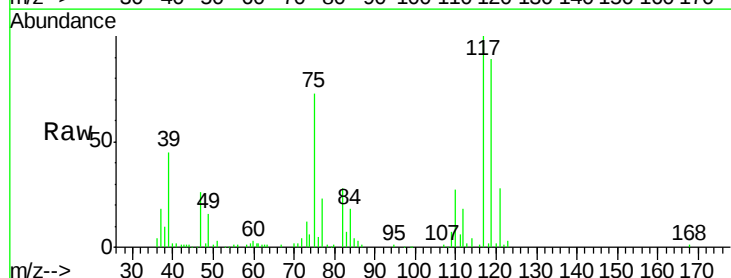
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

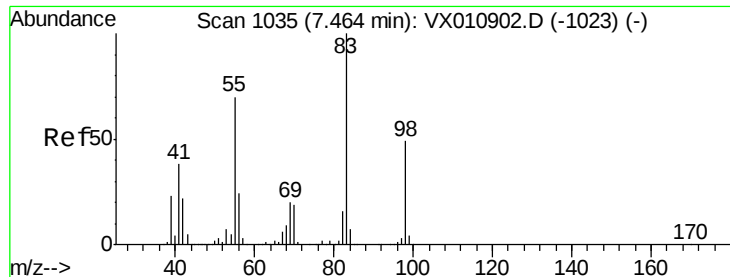
Tgt Ion: 43 Resp: 46535
Ion Ratio Lower Upper
43 100
61 16.3 11.6 17.4
70 12.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.154 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 117 Resp: 46672
Ion Ratio Lower Upper
117 100
119 88.4 74.2 111.2
121 28.1 24.2 36.2

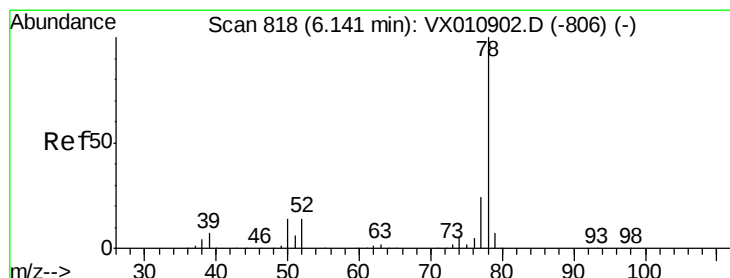
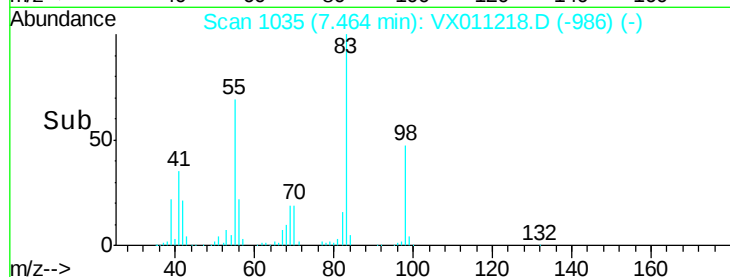
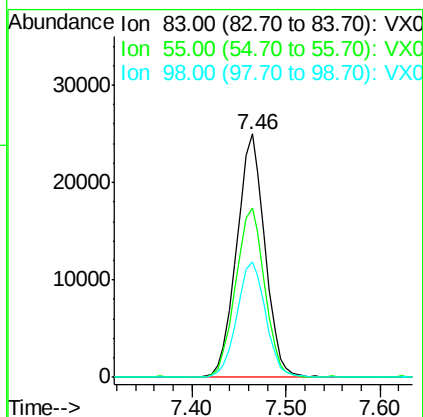
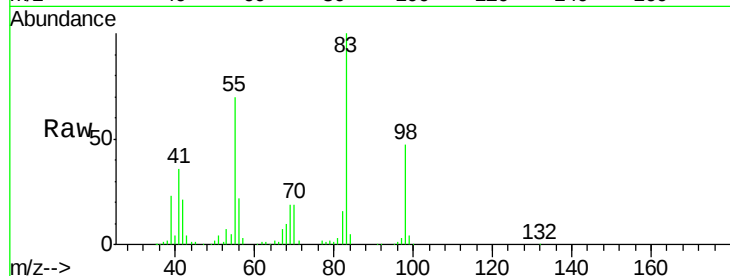




#39
Methylcyclohexane
Concen: 17.999 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

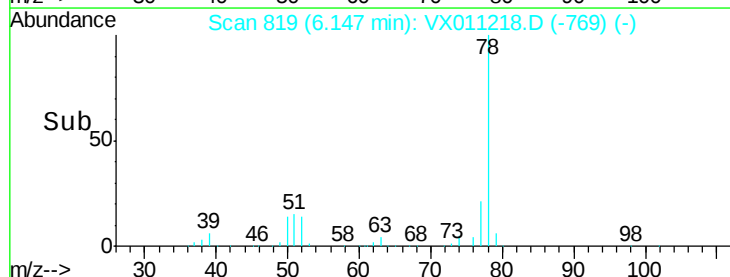
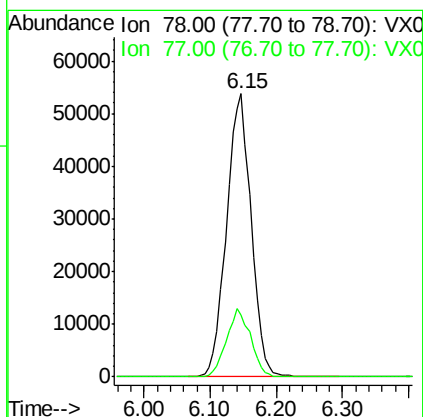
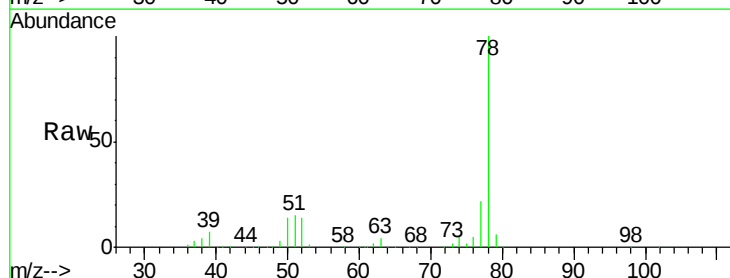
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

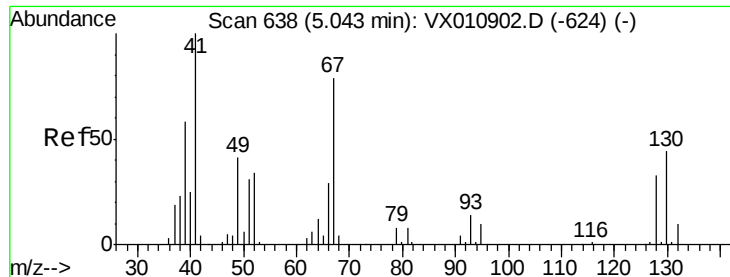
Tgt Ion: 83 Resp: 51872
Ion Ratio Lower Upper
83 100
55 69.3 56.2 84.4
98 47.4 39.0 58.4



#40
Benzene
Concen: 20.354 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 78 Resp: 138560
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.6





#41

Methacrylonitrile

Concen: 21.026 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

Tgt Ion: 41 Resp: 27162

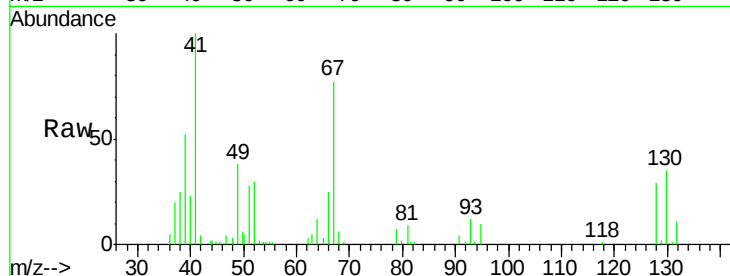
Ion Ratio Lower Upper

41 100

39 54.9 45.4 68.2

67 78.3 65.9 98.9

52 31.5 26.2 39.2

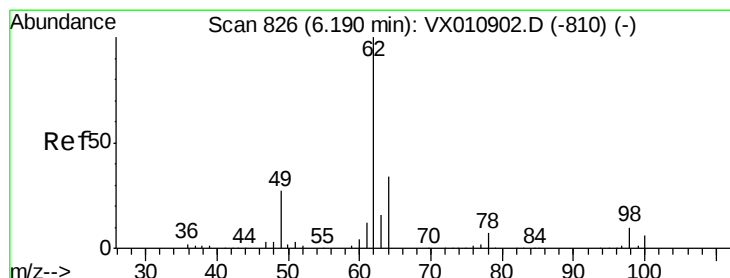
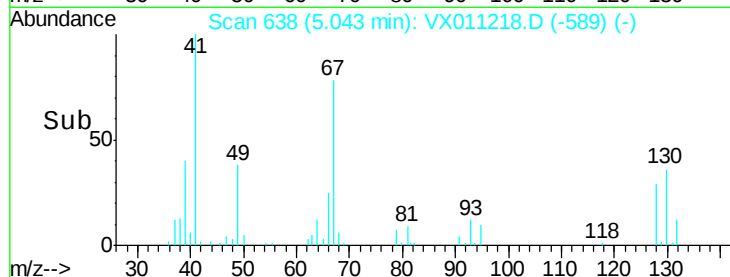
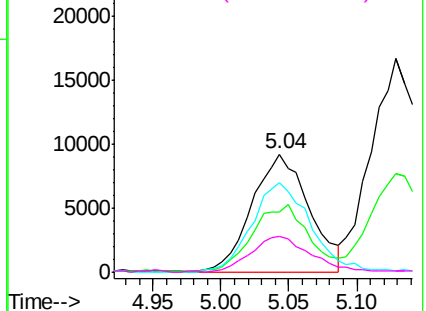


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.312 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX011218.D

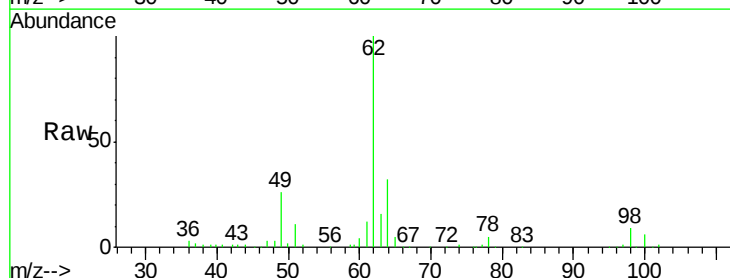
Acq: 31 Jul 2019 01:04

Tgt Ion: 62 Resp: 50445

Ion Ratio Lower Upper

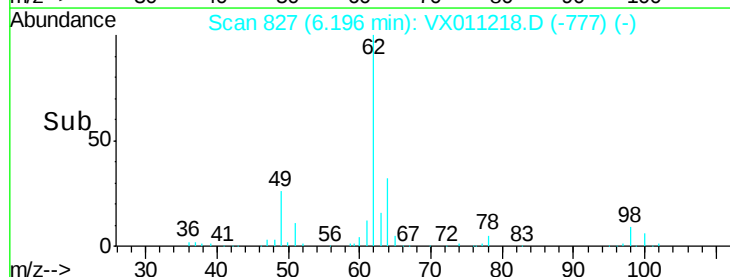
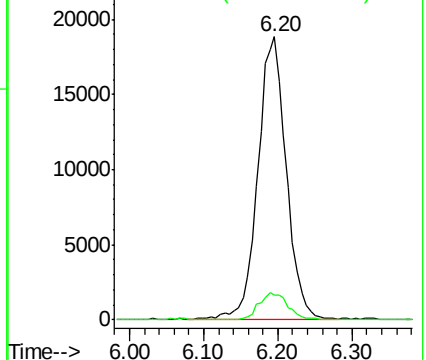
62 100

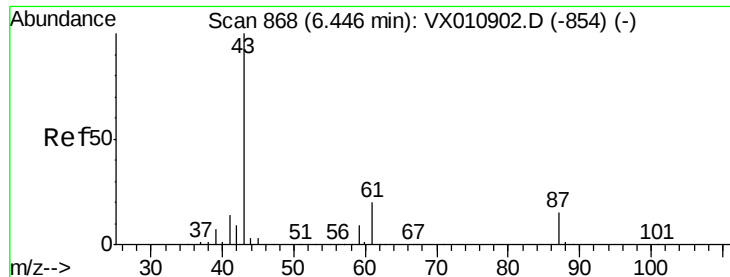
98 9.7 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.558 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

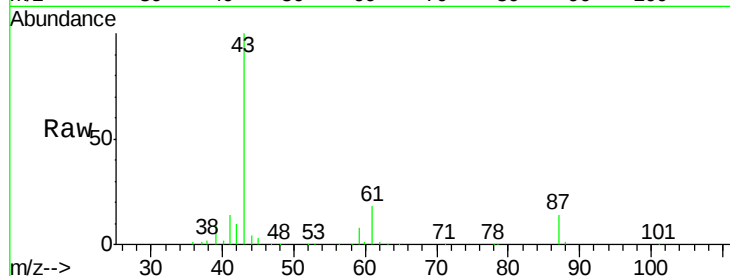
Tgt Ion: 43 Resp: 76923

Ion Ratio Lower Upper

43 100

61 20.8 17.1 25.7

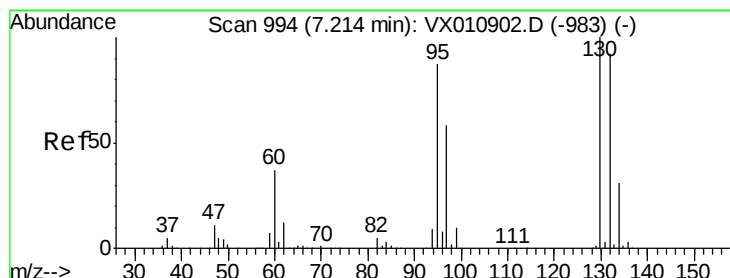
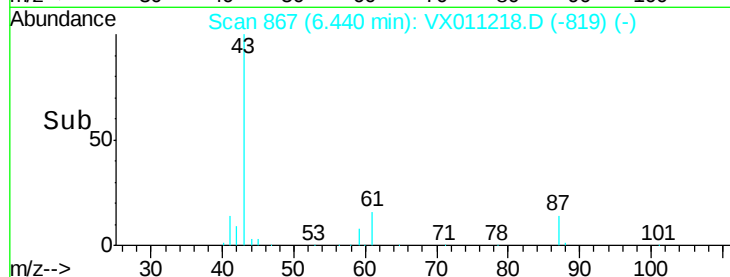
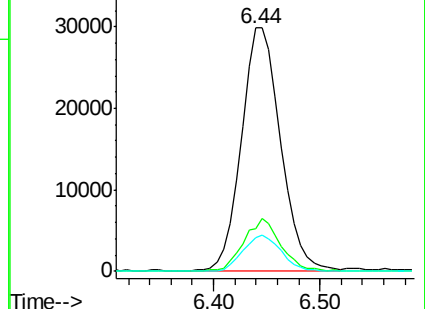
87 14.8 12.0 18.0



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: 19.765 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011218.D

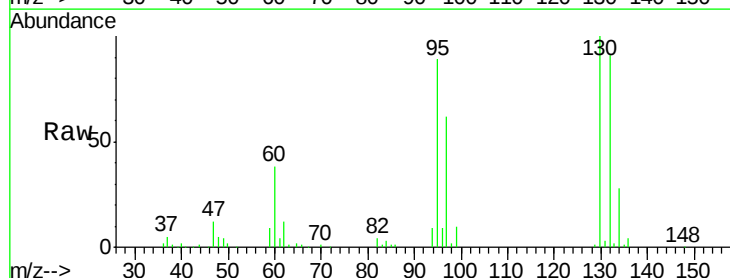
Acq: 31 Jul 2019 01:04

Tgt Ion:130 Resp: 39828

Ion Ratio Lower Upper

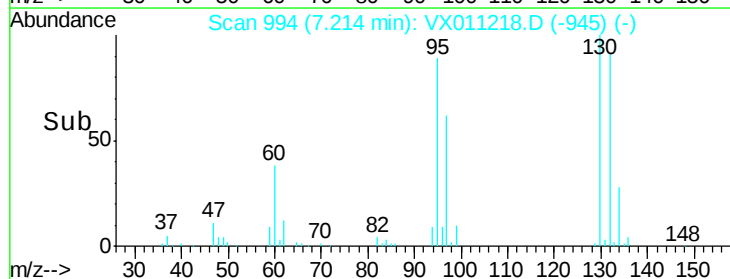
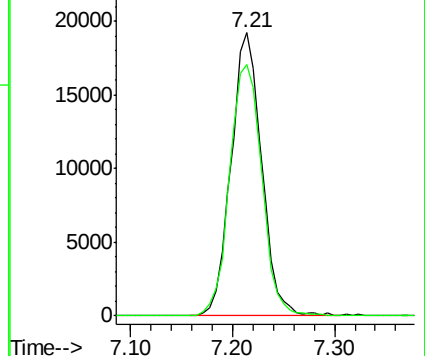
130 100

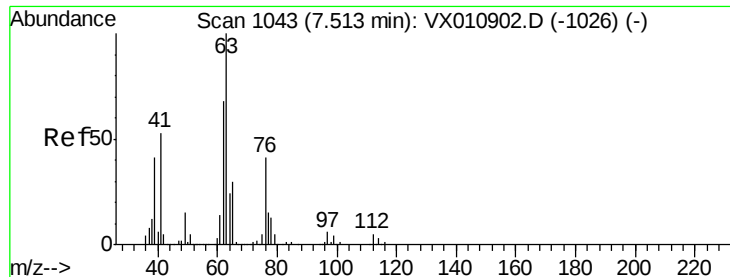
95 88.6 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

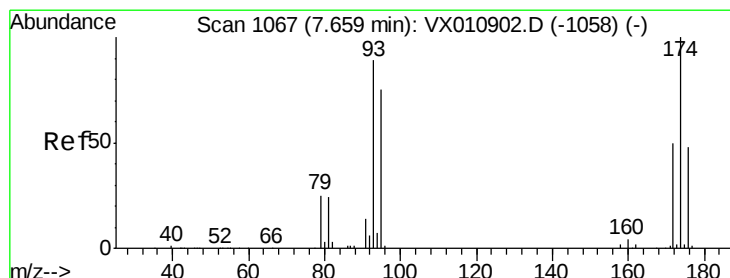
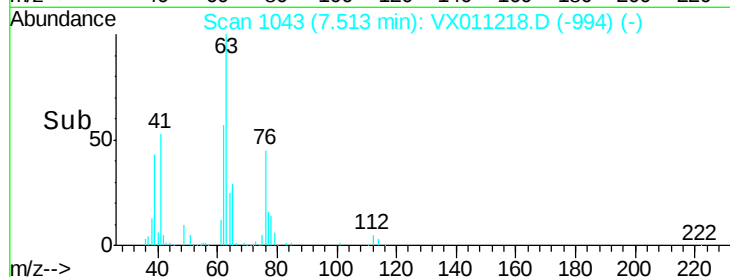
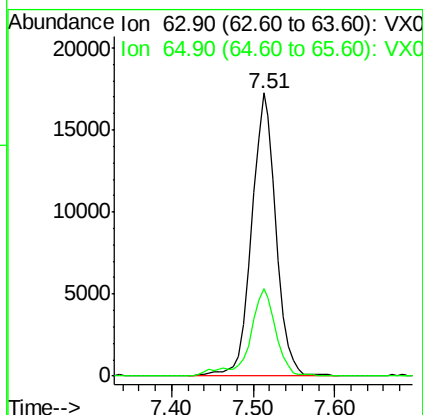
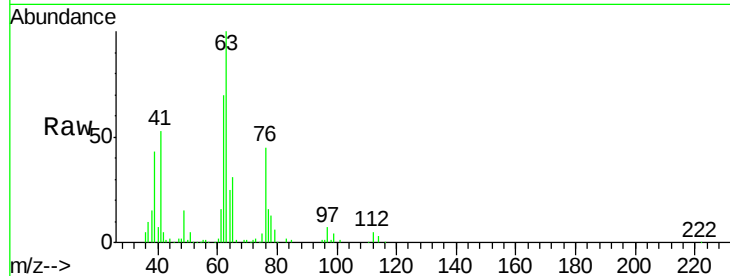




#45
 1,2-Dichloropropane
 Concen: 20.808 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

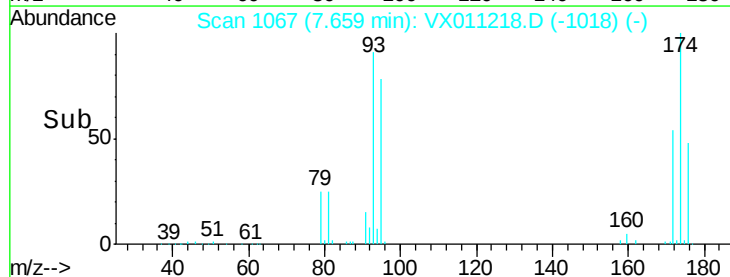
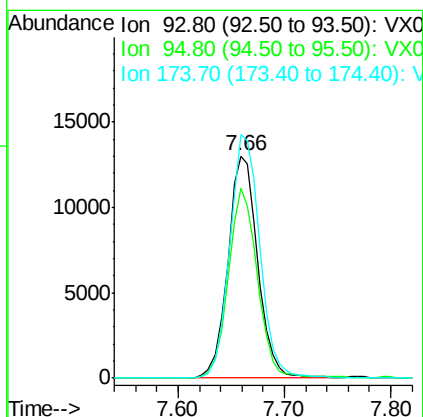
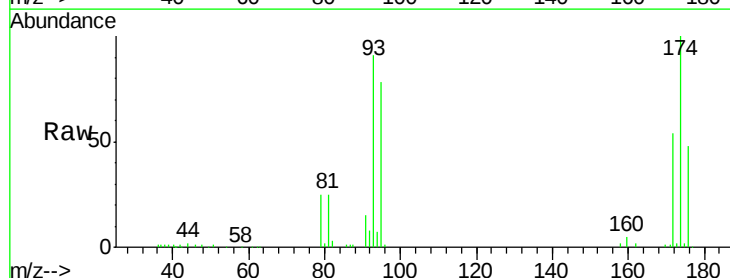
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

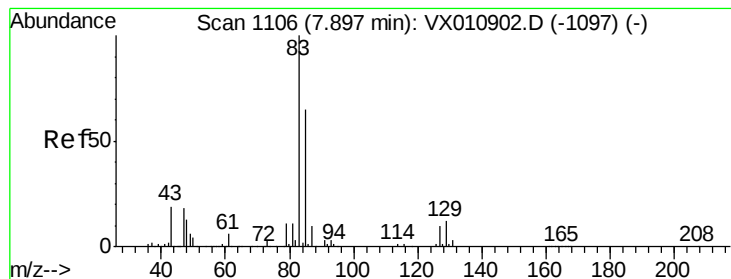
Tgt Ion: 63 Resp: 36052
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.4 36.6



#46
 Dibromomethane
 Concen: 20.582 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 93 Resp: 25482
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.2 100.8
 174 111.1 90.6 135.8





#47

Bromodichloromethane

Concen: 20.288 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

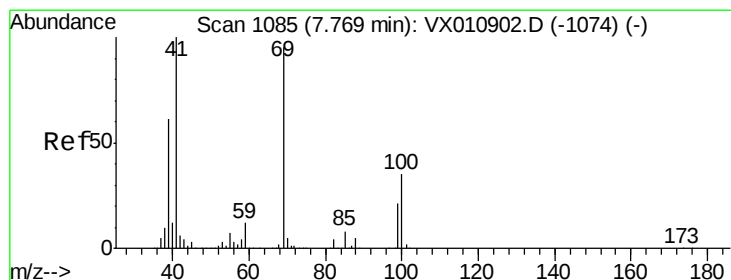
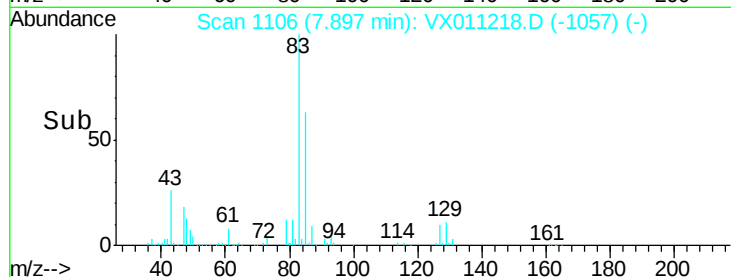
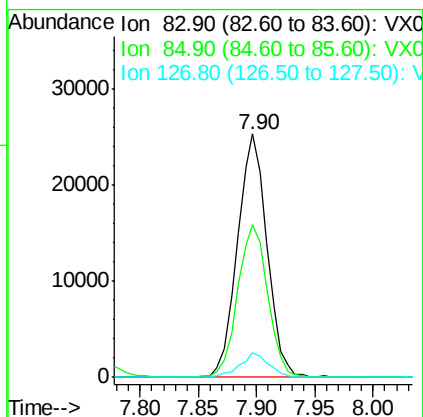
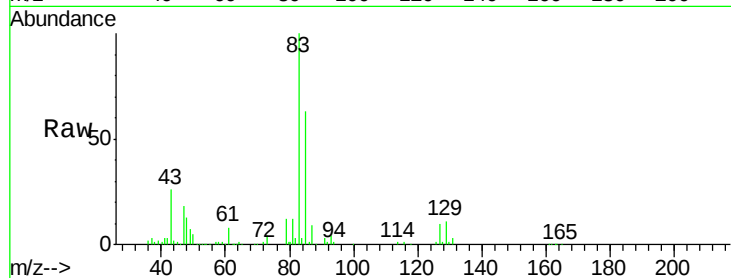
Tgt Ion: 83 Resp: 44713

Ion Ratio Lower Upper

83 100

85 62.8 52.5 78.7

127 10.1 7.8 11.8



#48

Methyl methacrylate

Concen: 20.838 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

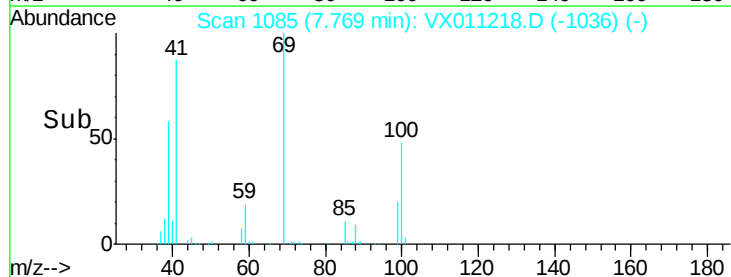
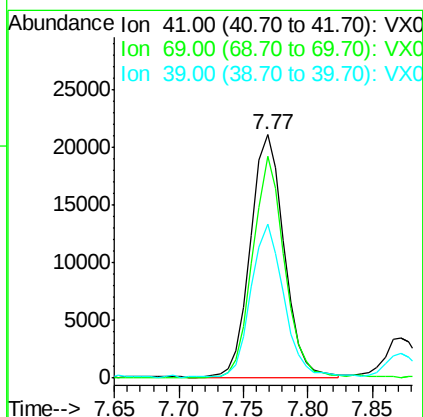
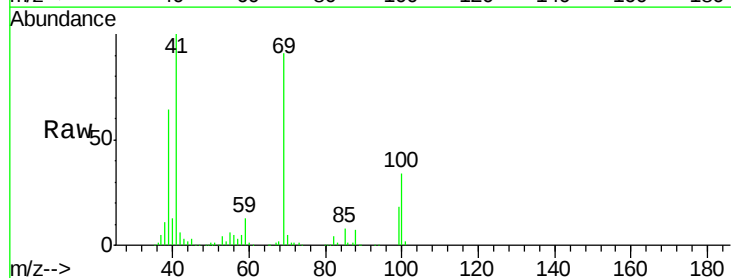
Tgt Ion: 41 Resp: 37983

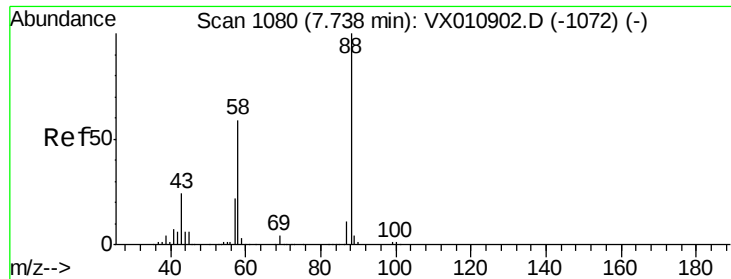
Ion Ratio Lower Upper

41 100

69 86.8 74.4 111.6

39 61.8 48.9 73.3

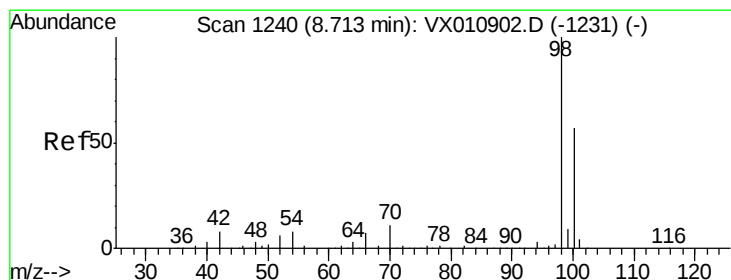
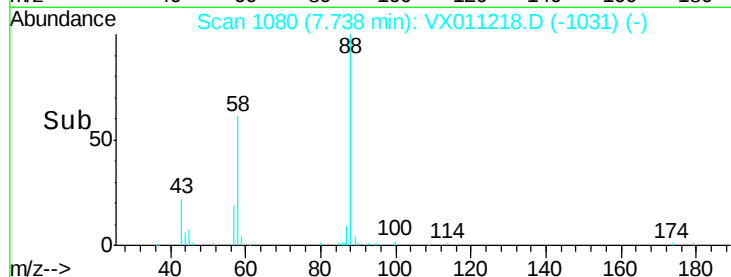
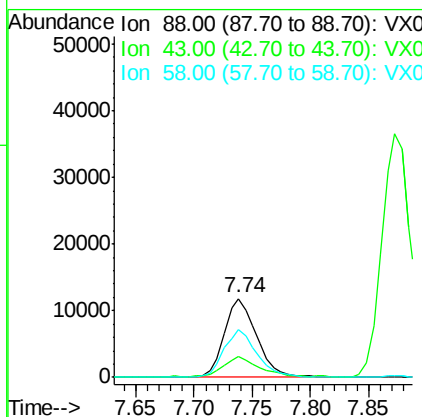
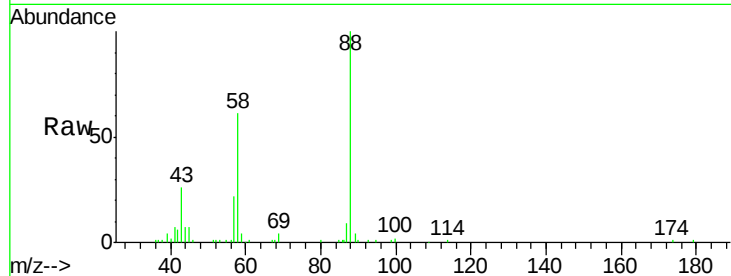




#49
 1,4-Dioxane
 Concen: 445.358 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

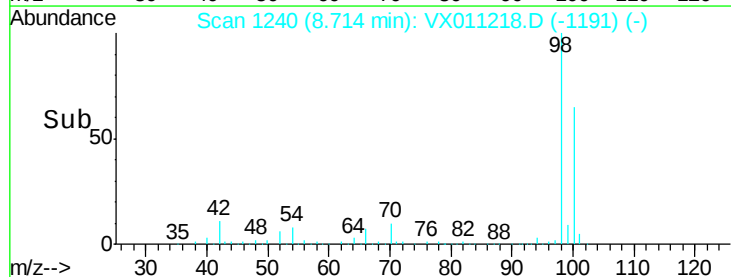
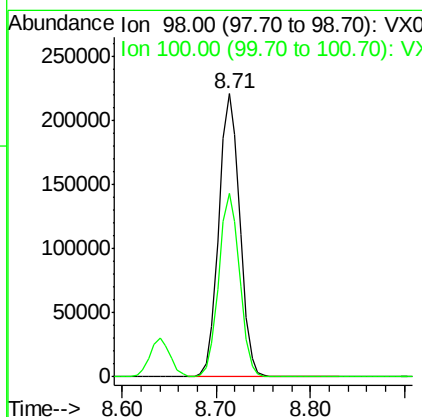
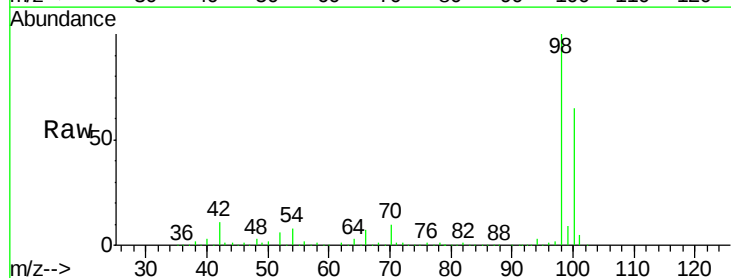
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

Tgt Ion: 88 Resp: 22708
 Ion Ratio Lower Upper
 88 100
 43 27.5 22.9 34.3
 58 62.8 49.8 74.8



#50
 Toluene-d8
 Concen: 53.064 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 98 Resp: 341770
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.6 75.8

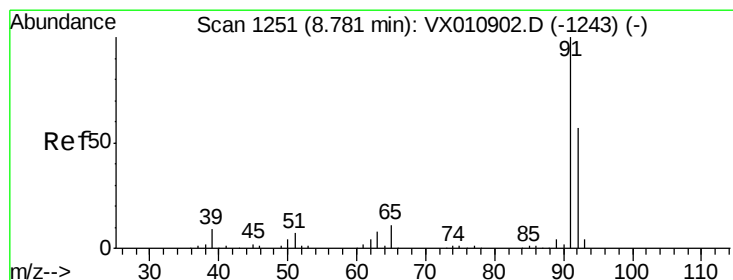
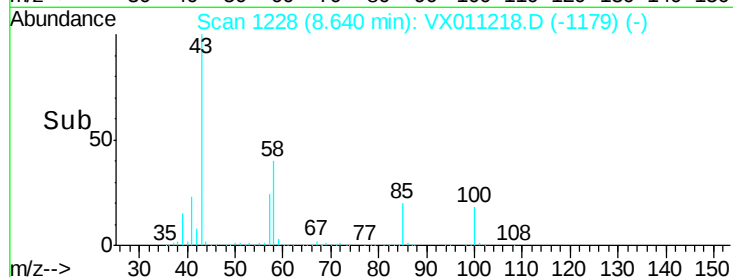
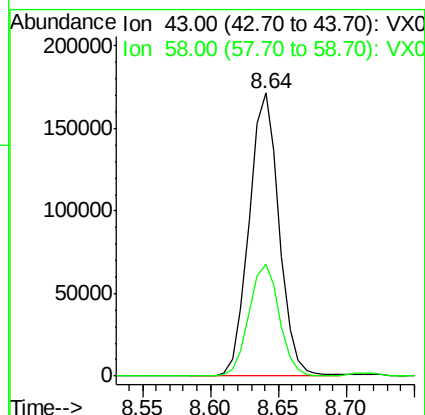
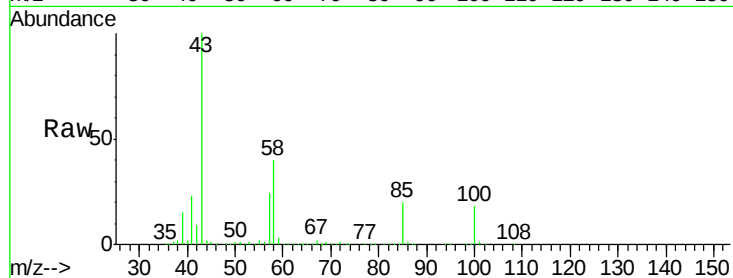




#51
 4-Methyl-2-Pentanone
 Concen: 109.433 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

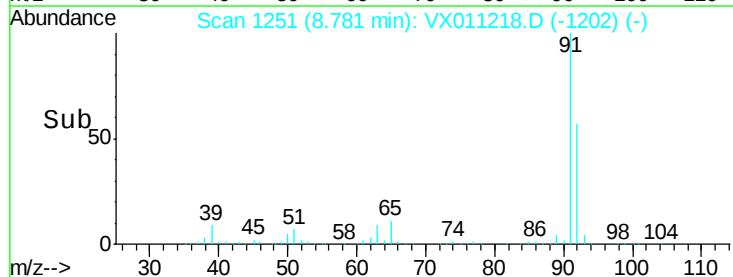
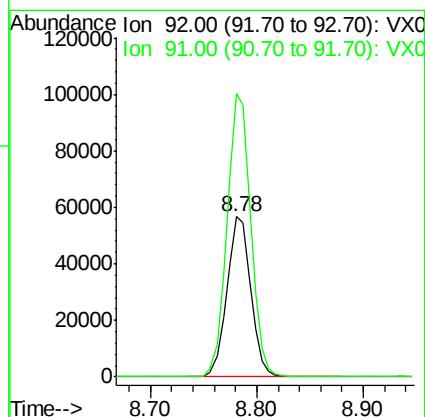
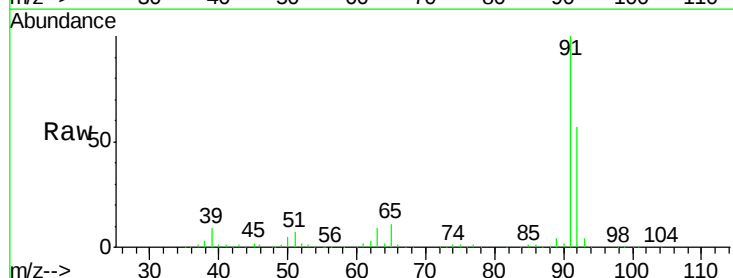
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

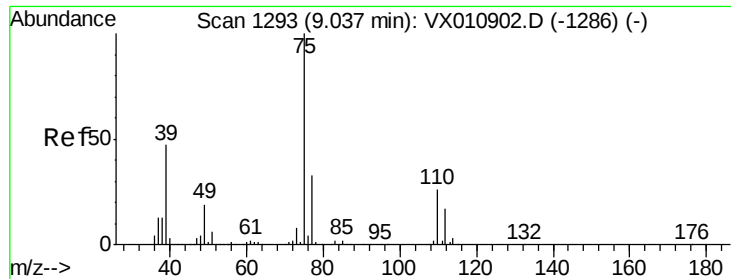
Tgt Ion: 43 Resp: 265437
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.2 48.4



#52
 Toluene
 Concen: 19.930 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 92 Resp: 89127
 Ion Ratio Lower Upper
 92 100
 91 175.9 139.4 209.0

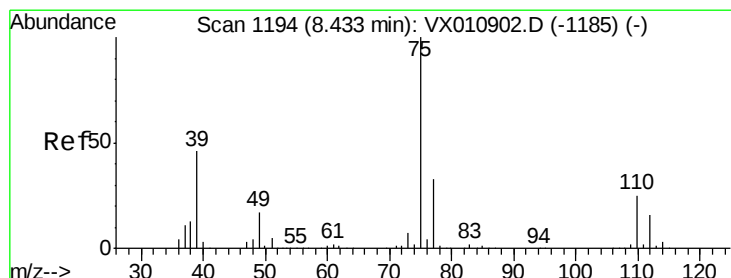
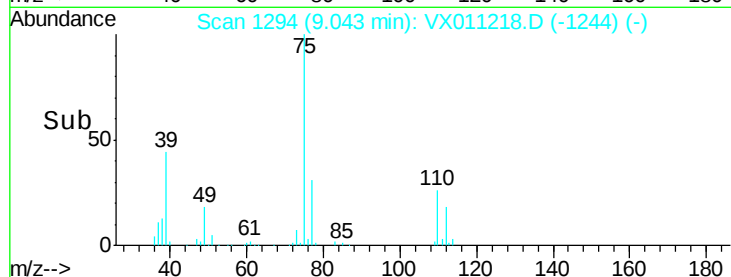
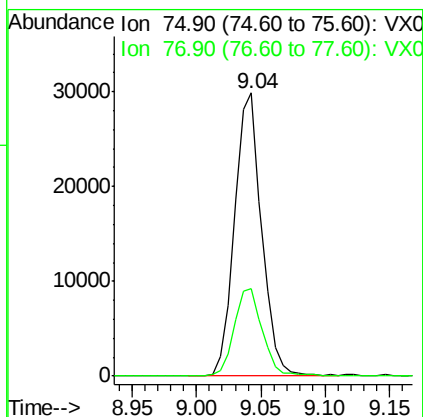
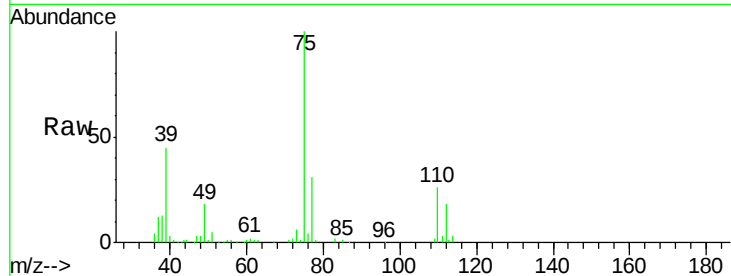




#53
t-1,3-Dichloropropene
Concen: 18.458 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

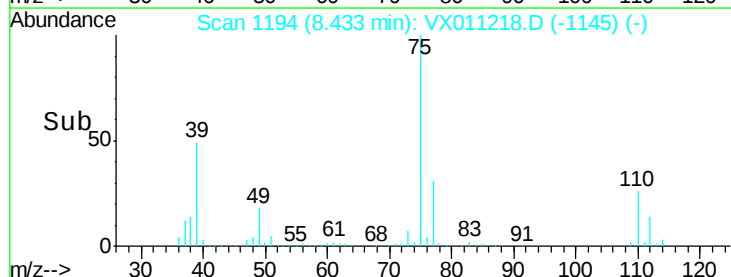
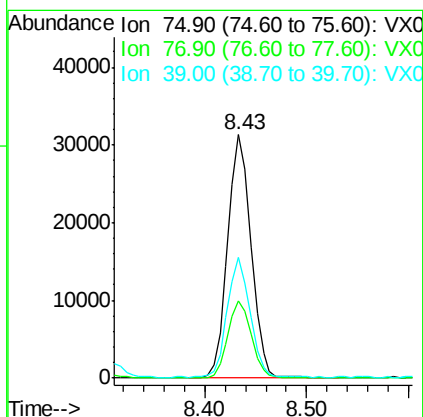
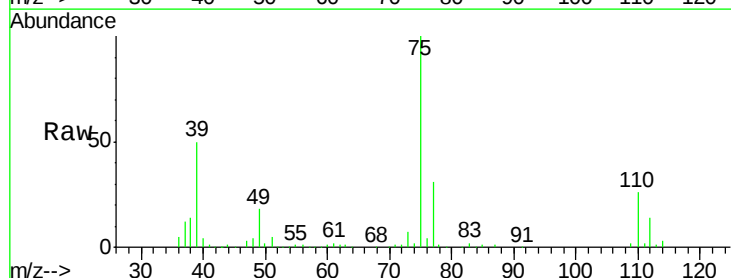
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

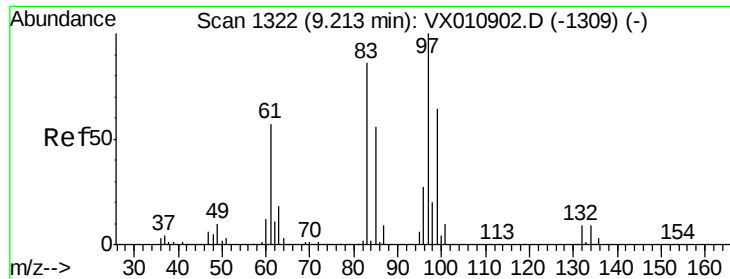
Tgt Ion: 75 Resp: 43741
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 18.930 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 75 Resp: 49917
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 49.2 36.6 54.8

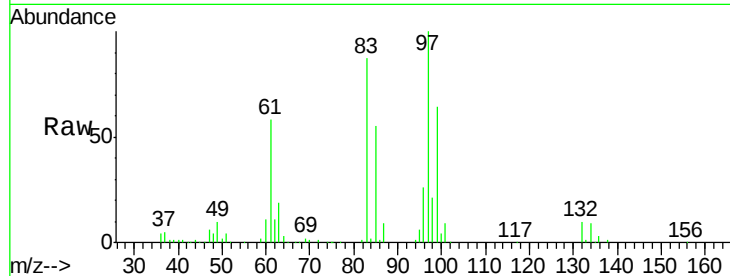




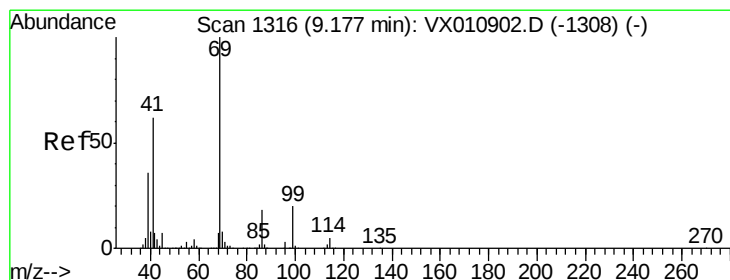
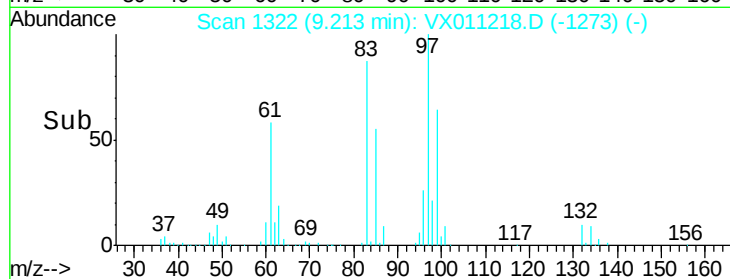
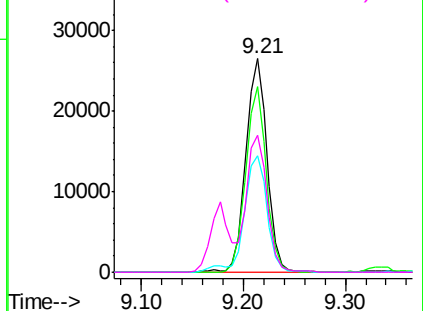
#55
 1,1,2-Trichloroethane
 Concen: 20.878 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

Tgt Ion: 97 Resp: 38443
 Ion Ratio Lower Upper
 97 100
 83 86.7 69.2 103.8
 85 54.8 44.6 66.8
 99 64.1 51.2 76.8

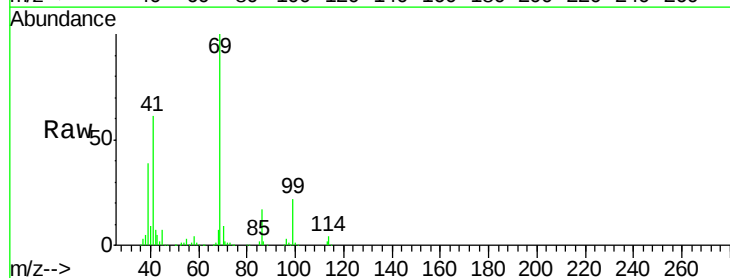


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

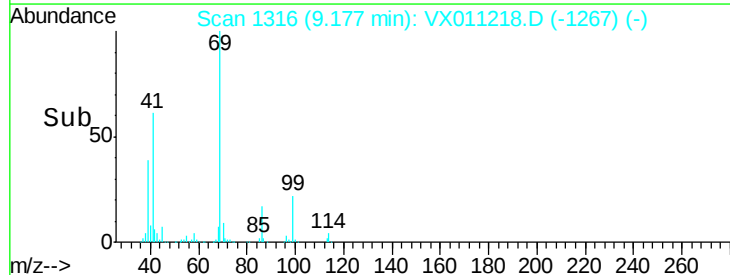
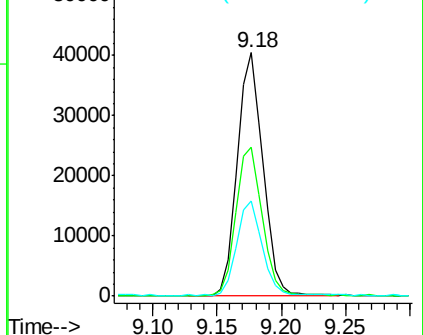


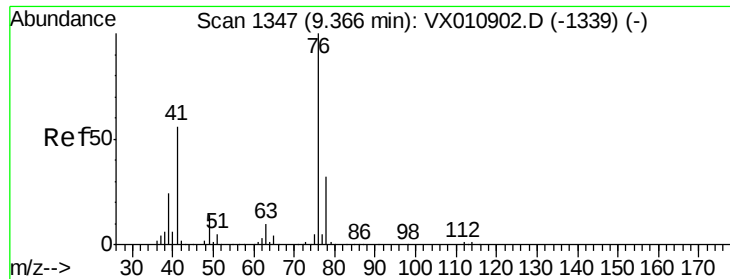
#56
 Ethyl methacrylate
 Concen: 20.903 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 69 Resp: 56302
 Ion Ratio Lower Upper
 69 100
 41 62.3 49.7 74.5
 39 37.8 29.6 44.4



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

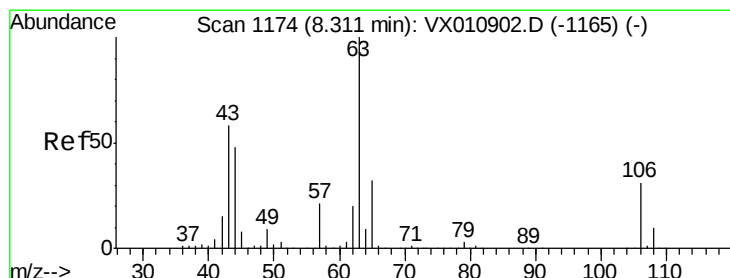
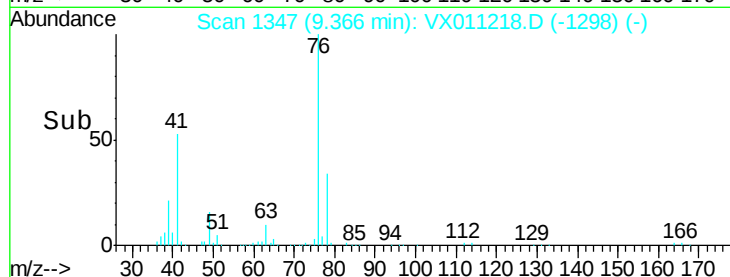
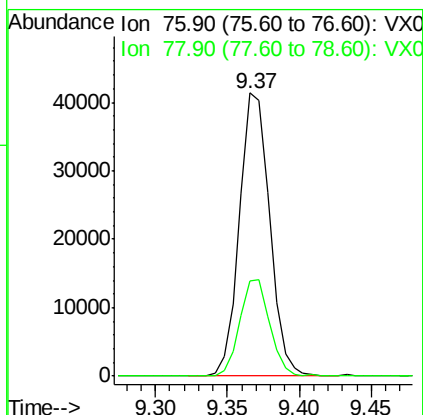
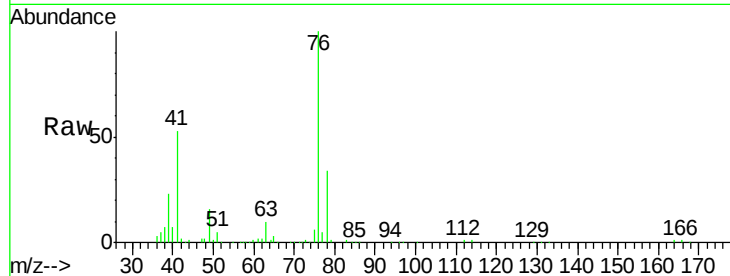




#57
 1,3-Dichloropropane
 Concen: 20.693 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

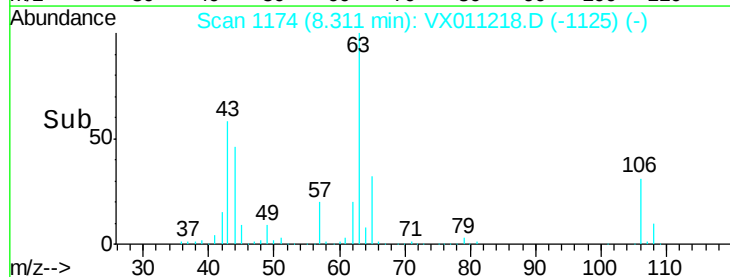
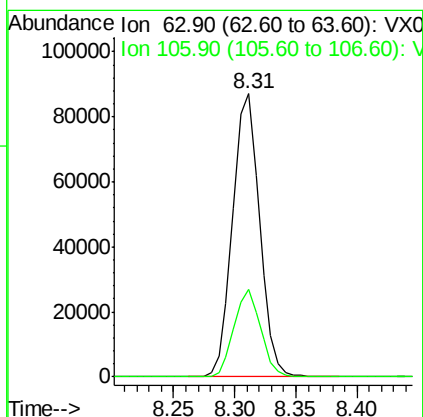
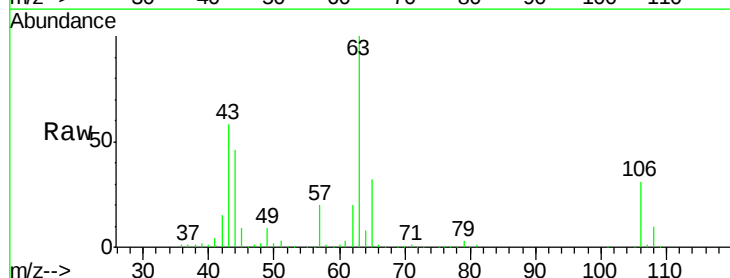
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

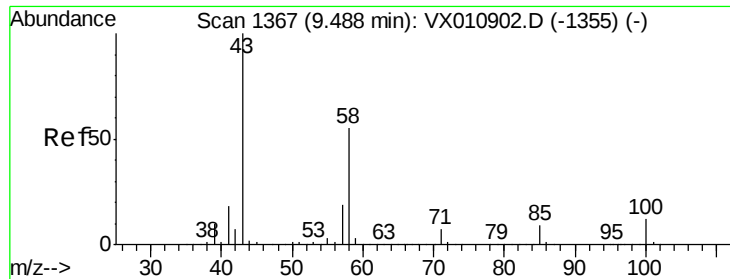
Tgt Ion: 76 Resp: 60445
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.700 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 63 Resp: 133331
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.0 36.0

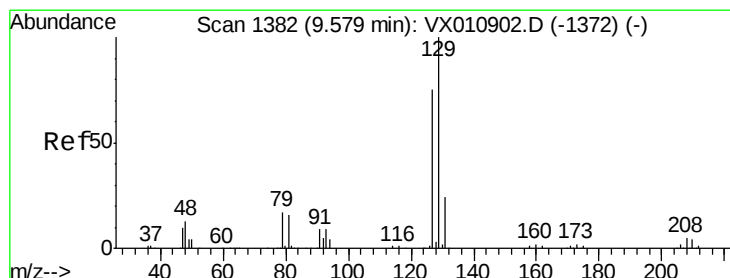
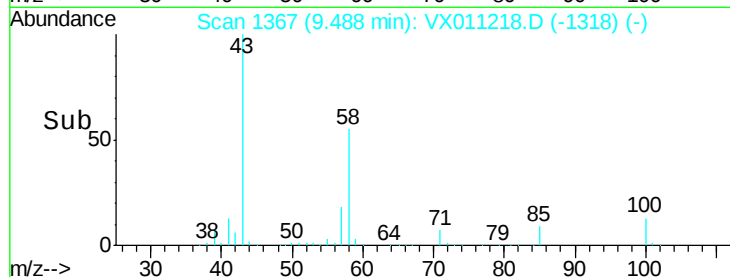
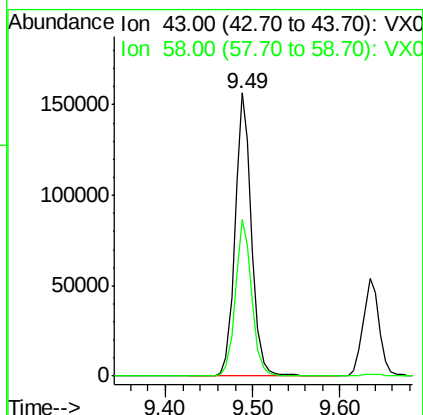
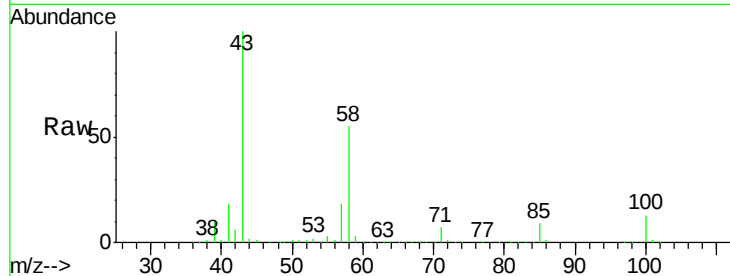




#59
 2-Hexanone
 Concen: 109.178 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

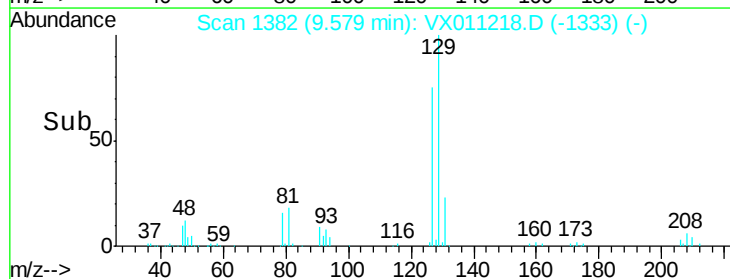
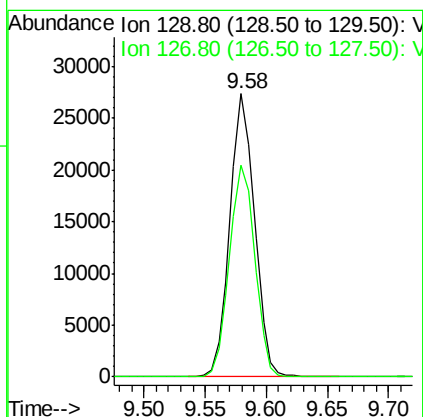
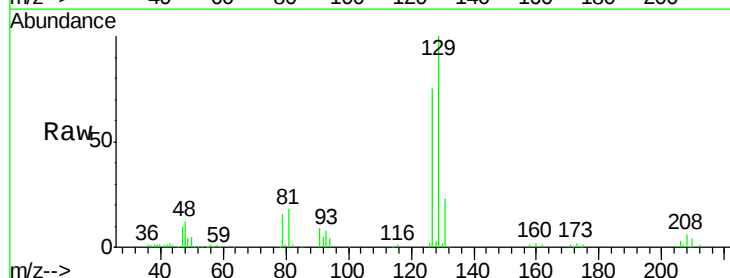
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

Tgt Ion: 43 Resp: 205398
 Ion Ratio Lower Upper
 43 100
 58 55.5 28.0 83.9



#60
 Dibromochloromethane
 Concen: 19.621 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 129 Resp: 38151
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.667 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

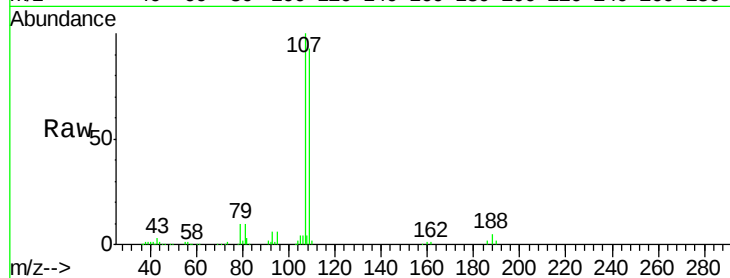
VX0730WBSD02

Tgt Ion: 107 Resp: 40387

Ion Ratio Lower Upper

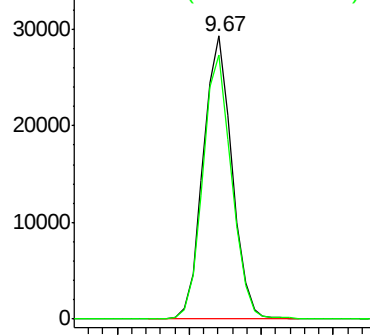
107 100

109 93.5 75.4 113.0

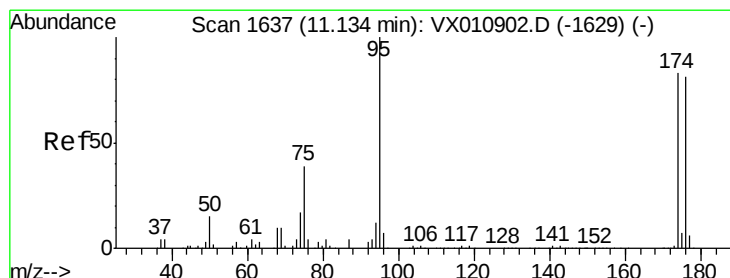
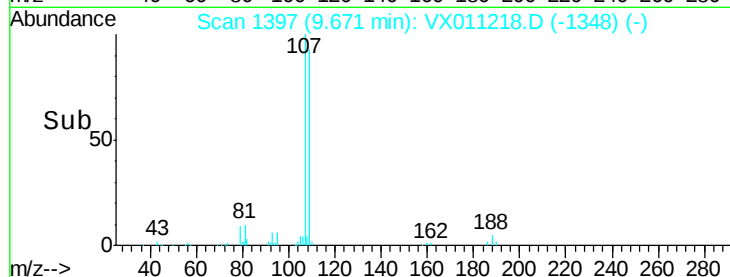


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 54.083 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

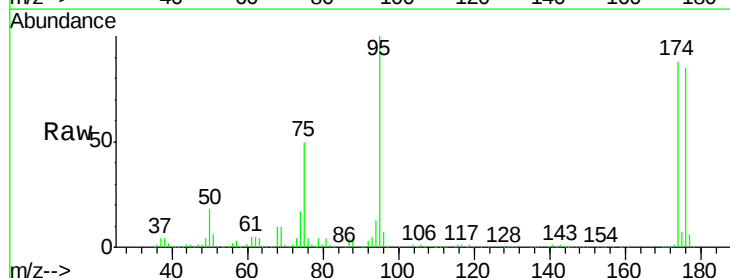
Tgt Ion: 95 Resp: 128037

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

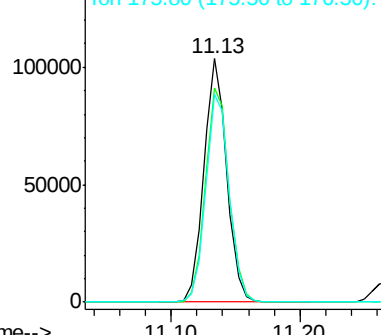
176 87.6 0.0 173.8



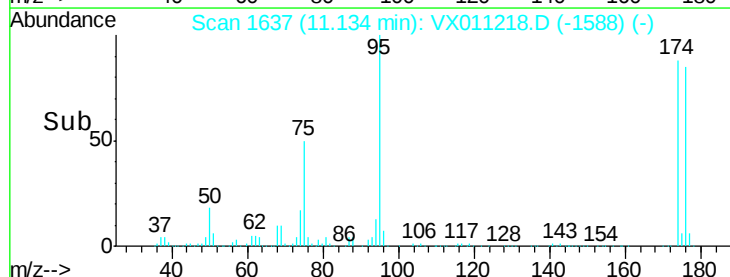
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

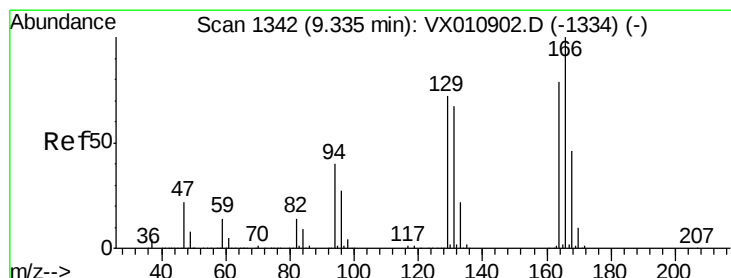
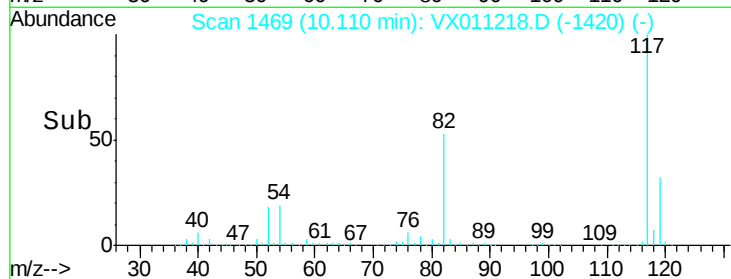
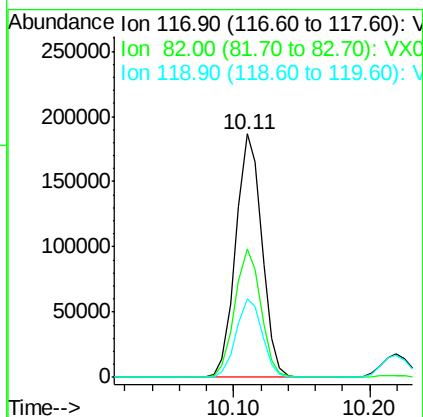
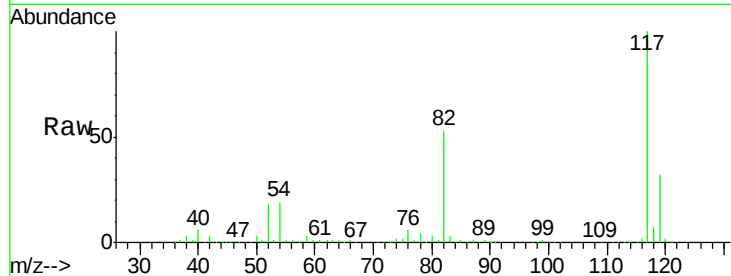




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

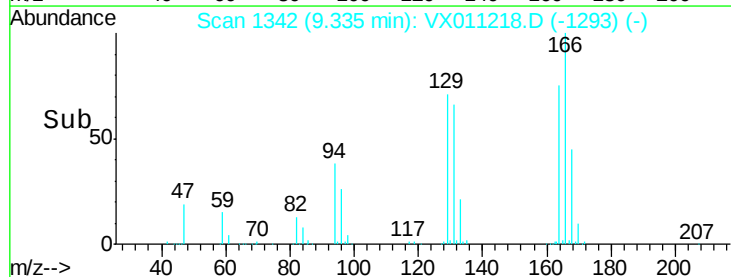
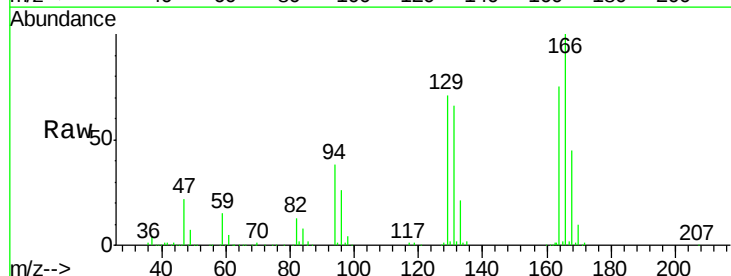
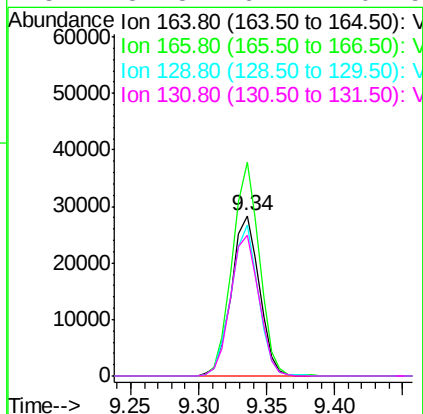
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

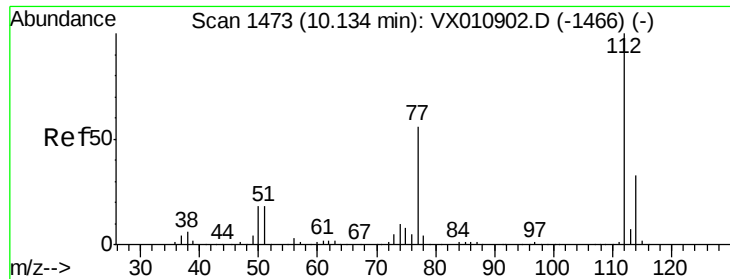
Tgt Ion:117 Resp: 250171
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 20.634 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion:164 Resp: 40608
Ion Ratio Lower Upper
164 100
166 133.5 100.8 151.2
129 94.1 72.6 109.0
131 87.8 67.7 101.5

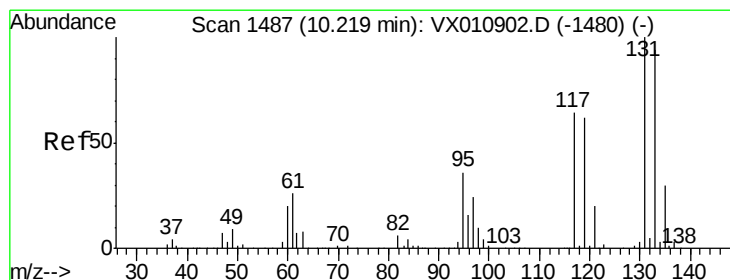
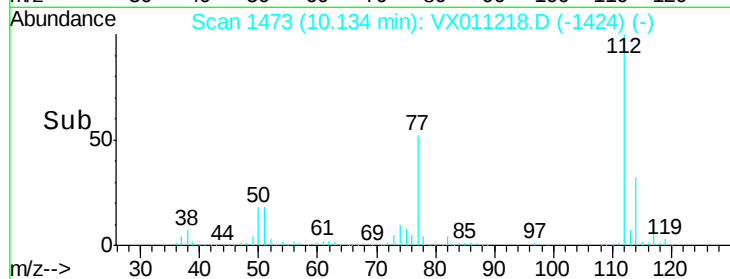
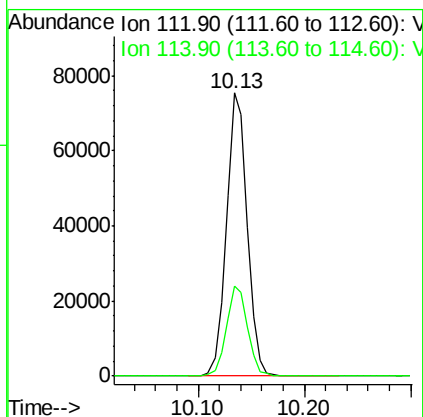
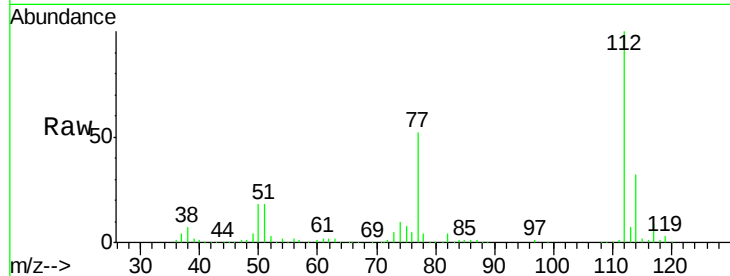




#65
Chlorobenzene
Concen: 19.987 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

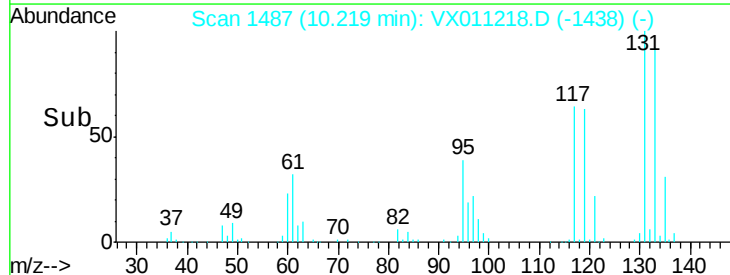
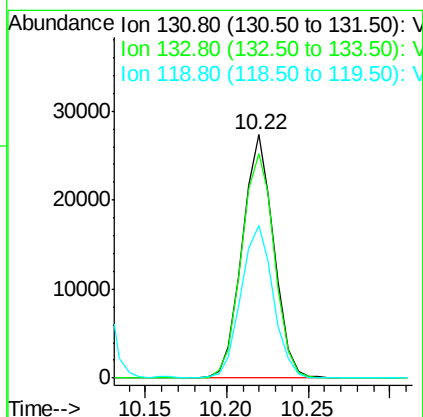
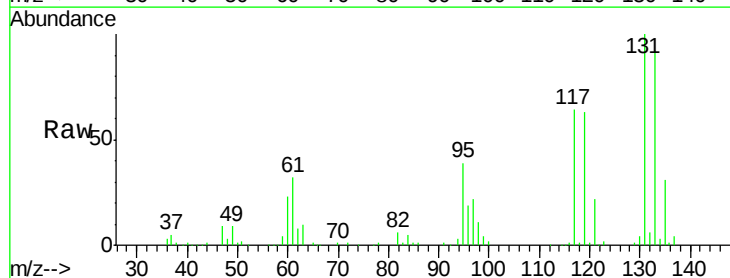
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

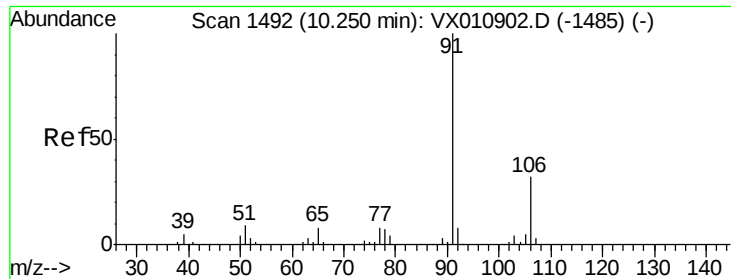
Tgt Ion:112 Resp: 102700
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.373 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion:131 Resp: 36791
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.6 31.9 95.7

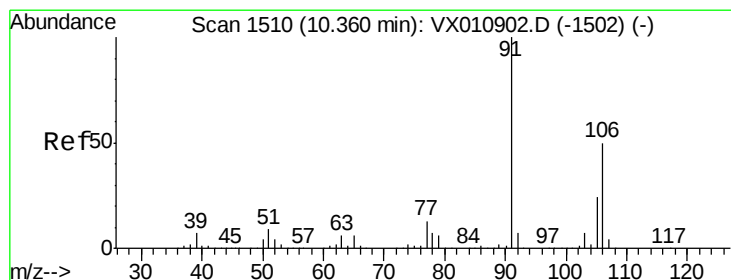
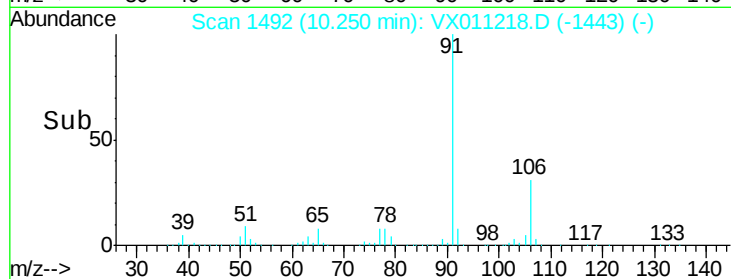
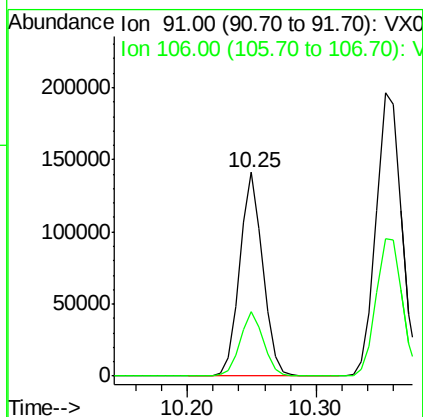
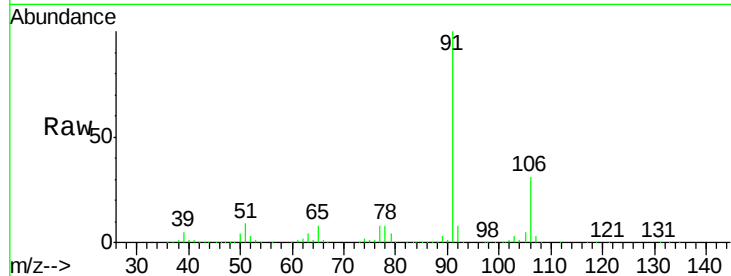




#67
Ethyl Benzene
Concen: 19.941 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

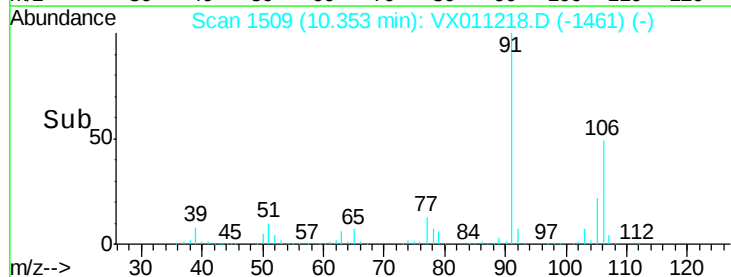
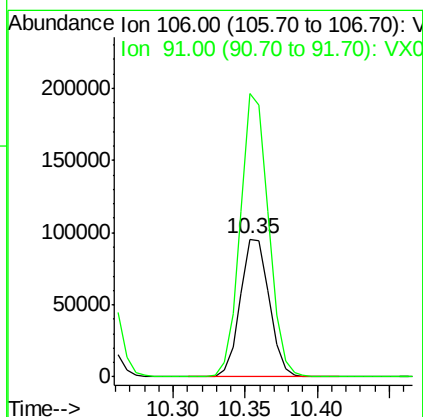
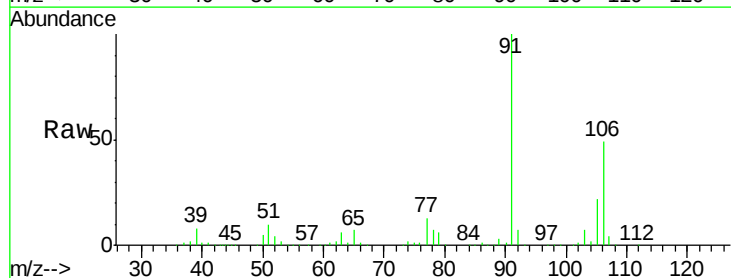
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

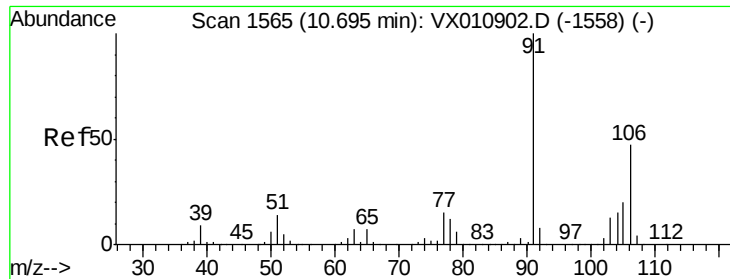
Tgt Ion: 91 Resp: 174408
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 39.841 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 106 Resp: 133661
Ion Ratio Lower Upper
106 100
91 199.9 160.1 240.1

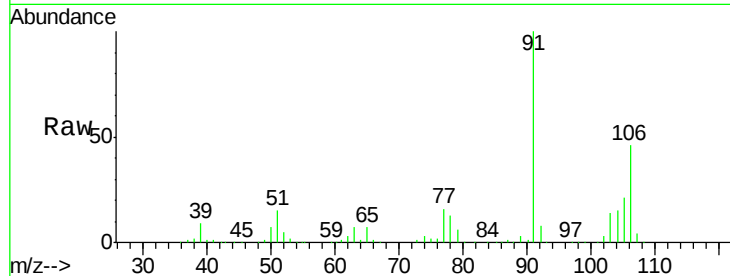




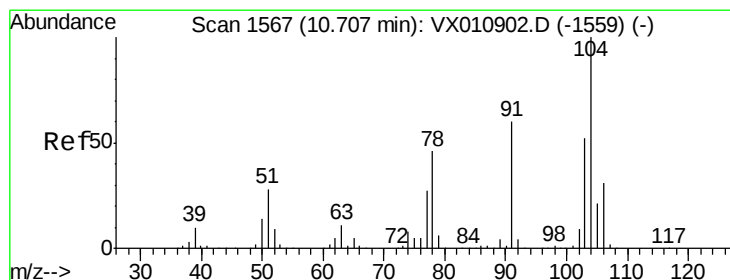
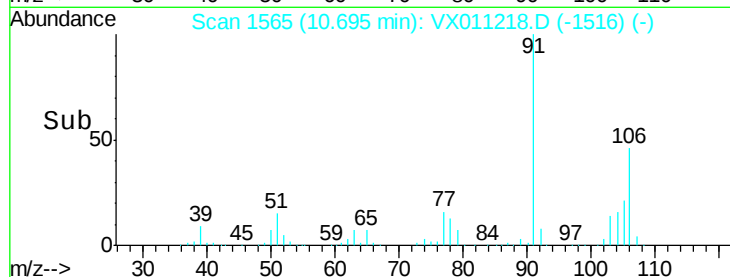
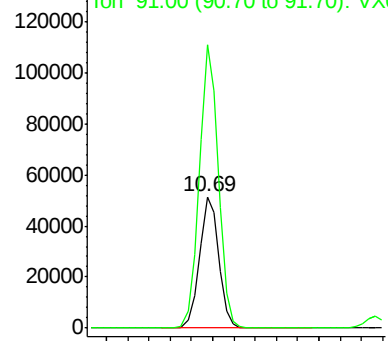
#69
o-Xylene
Concen: 19.813 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

Tgt Ion:106 Resp: 64872
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.3

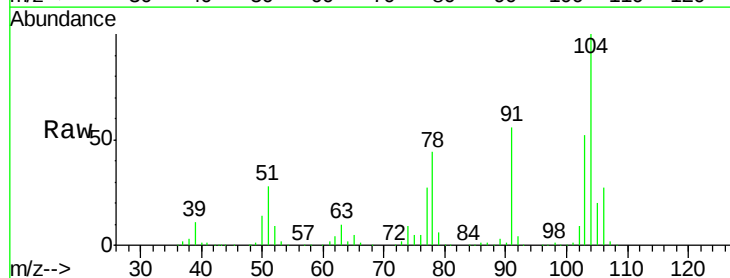


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

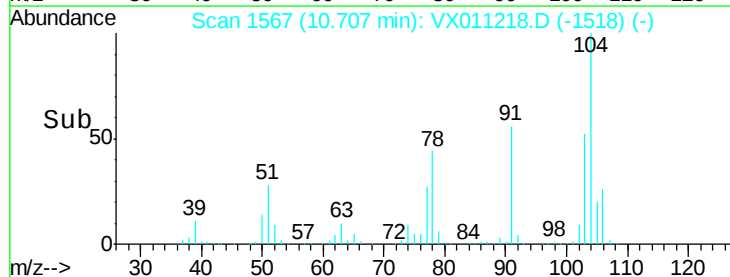
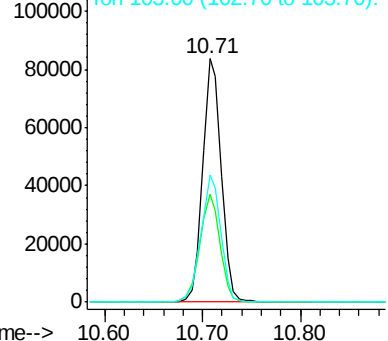


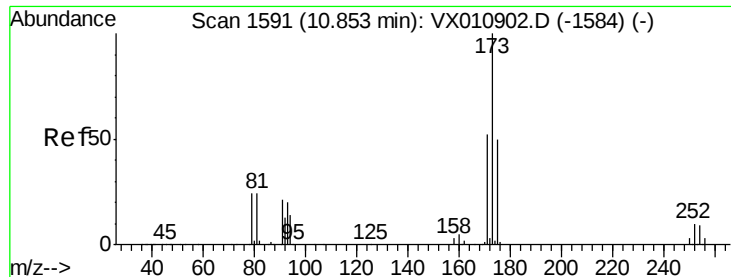
#70
Styrene
Concen: 20.261 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion:104 Resp: 110585
Ion Ratio Lower Upper
104 100
78 48.2 38.8 58.2
103 55.9 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: 18.151 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

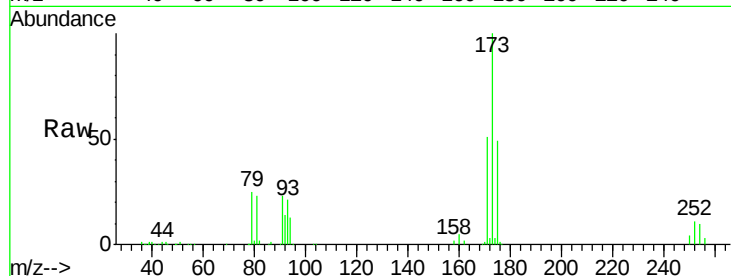
Tgt Ion:173 Resp: 27032

Ion Ratio Lower Upper

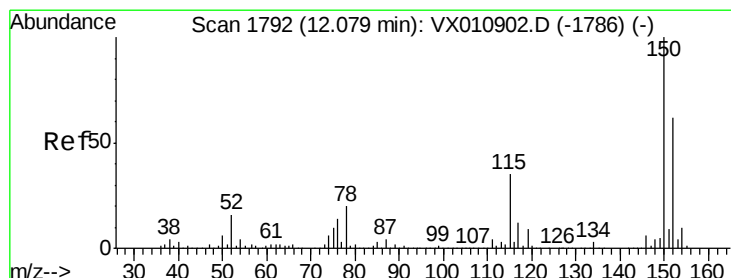
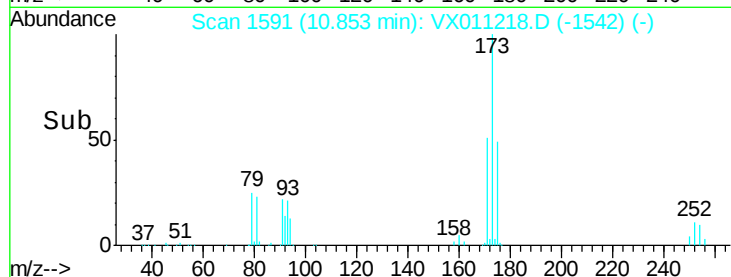
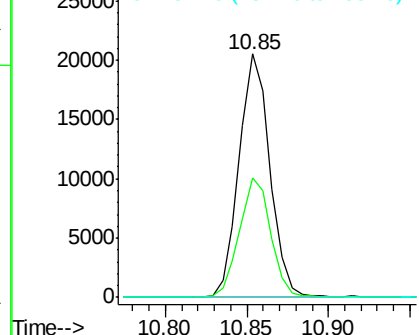
173 100

175 50.1 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

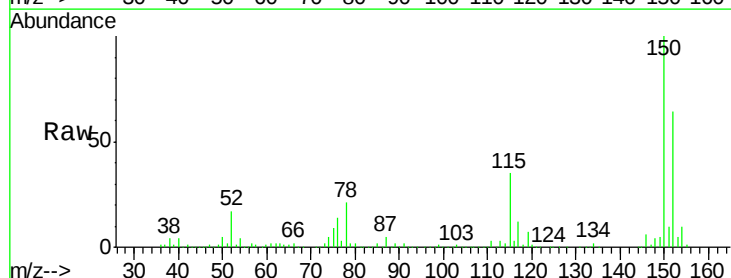
Tgt Ion:152 Resp: 129650

Ion Ratio Lower Upper

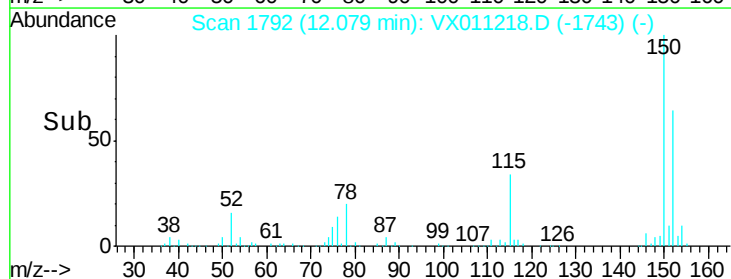
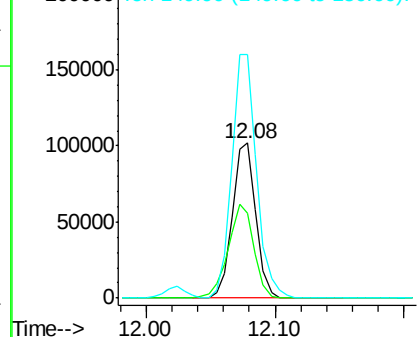
152 100

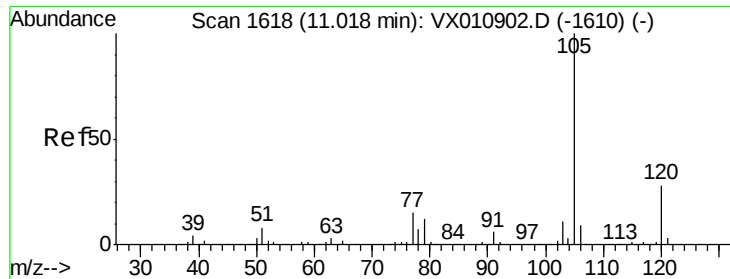
115 66.4 39.7 119.1

150 167.1 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: 20.405 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

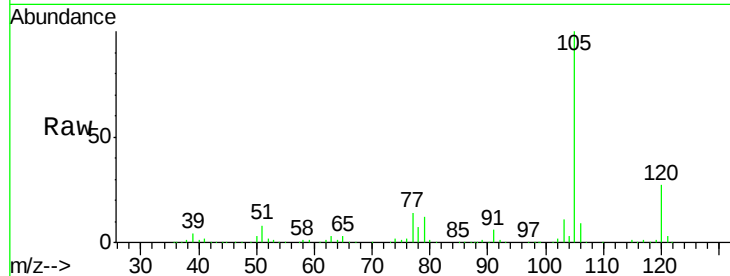
VX0730WBSD02

Tgt Ion:105 Resp: 178761

Ion Ratio Lower Upper

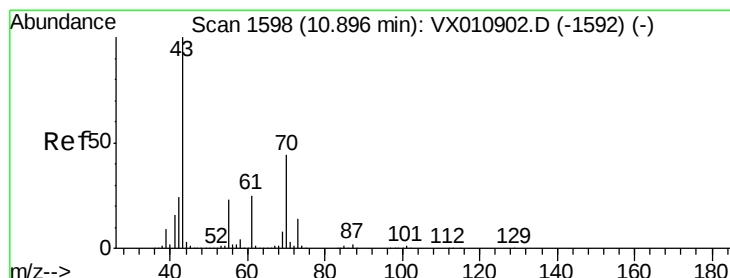
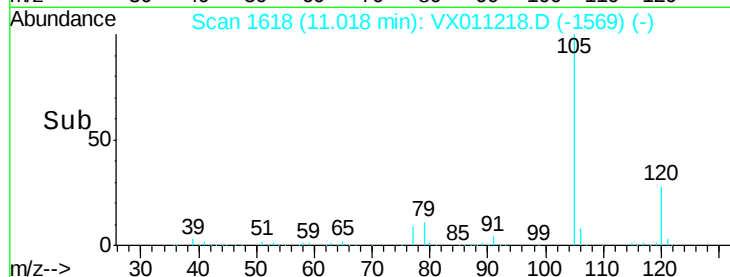
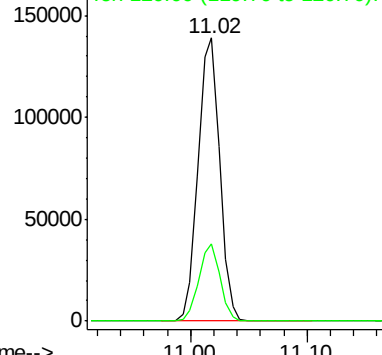
105 100

120 26.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.273 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Tgt Ion: 43 Resp: 67861

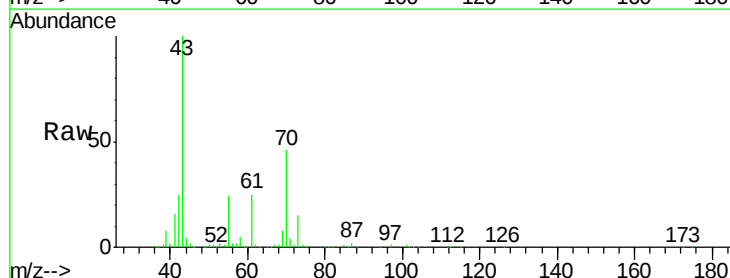
Ion Ratio Lower Upper

43 100

70 43.3 34.7 52.1

55 24.7 19.1 28.7

61 23.8 19.9 29.9

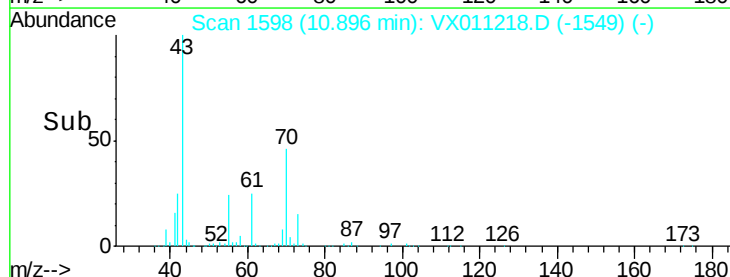
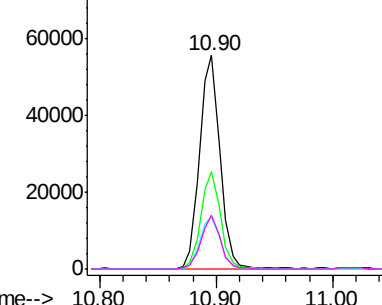


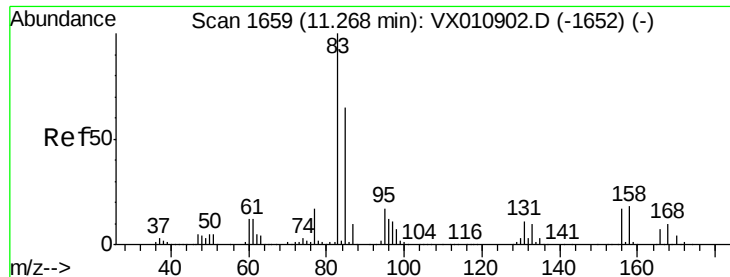
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.567 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

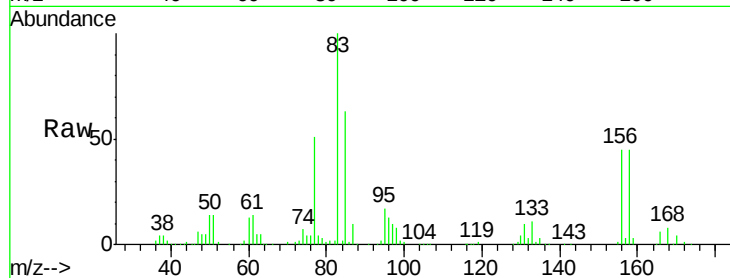
Tgt Ion: 83 Resp: 61830

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

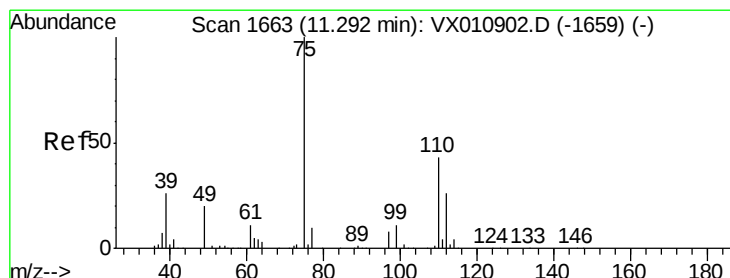
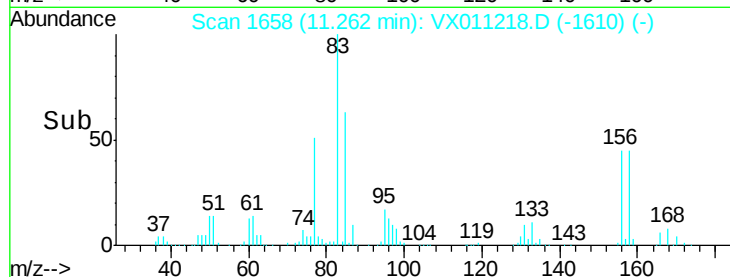
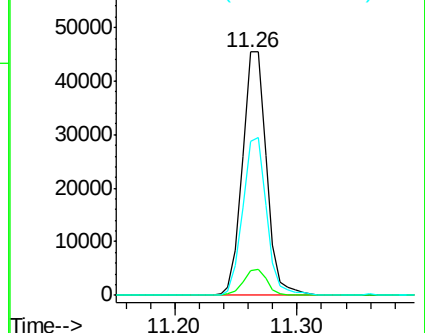
85 64.2 32.3 96.9



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: 26.381 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011218.D

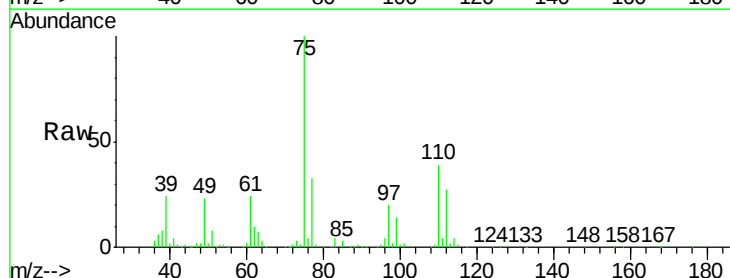
Acq: 31 Jul 2019 01:04

Tgt Ion: 75 Resp: 61721

Ion Ratio Lower Upper

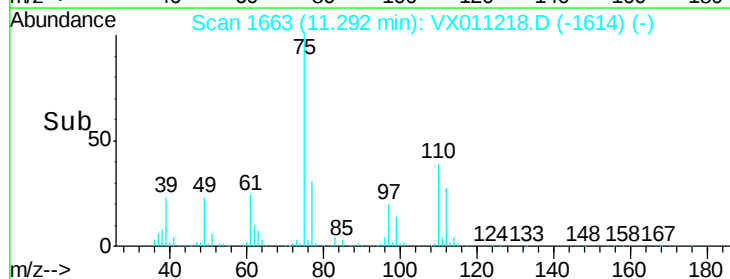
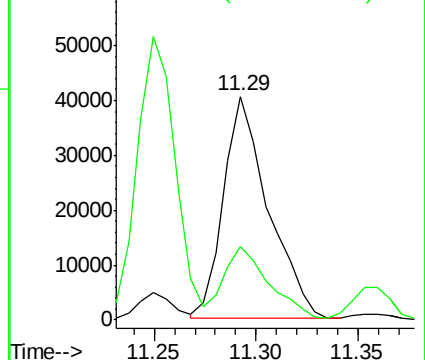
75 100

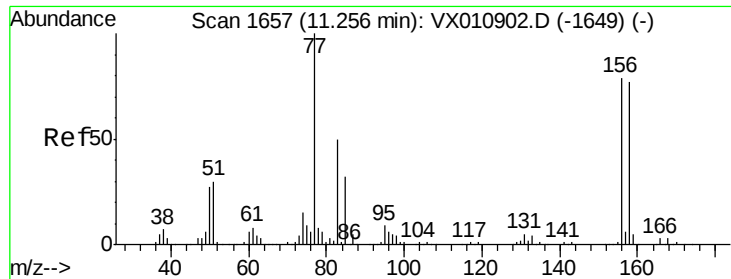
77 33.4 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

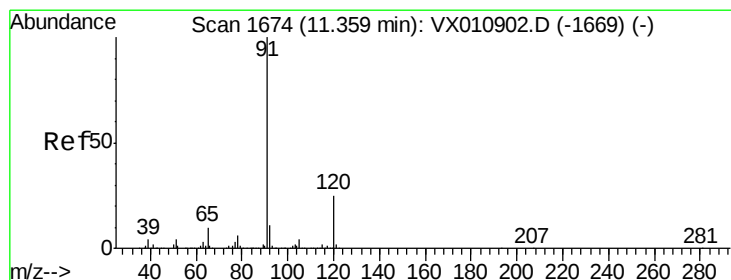
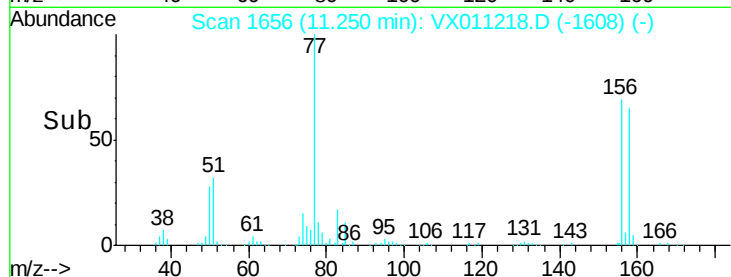
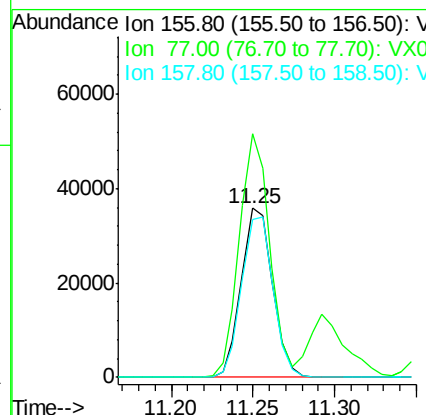
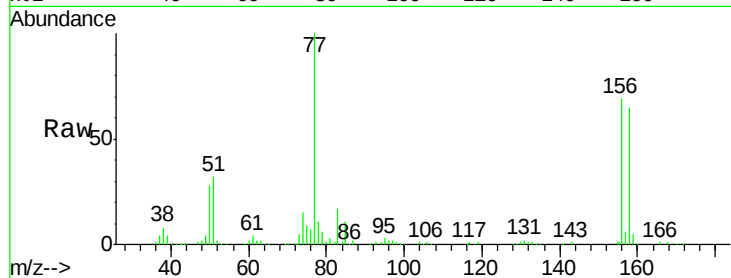




#77
Bromobenzene
Concen: 19.963 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

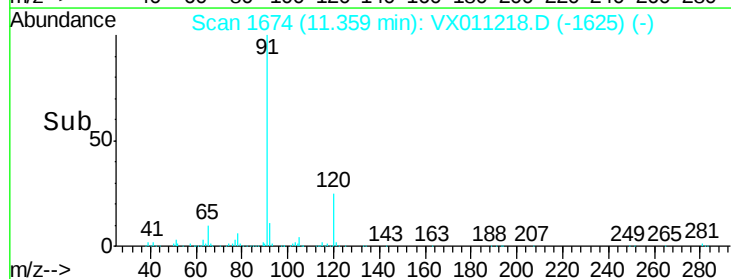
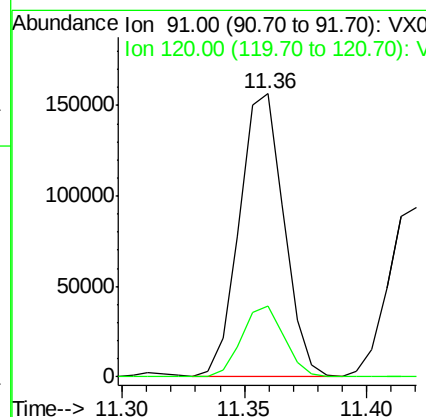
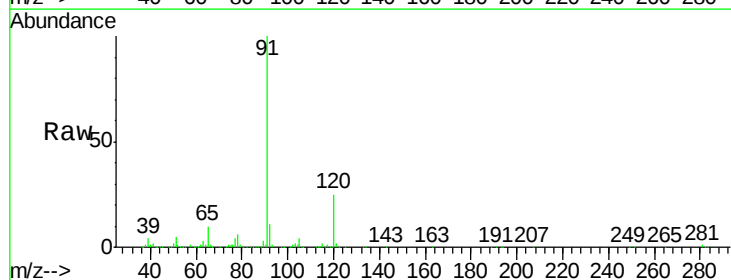
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

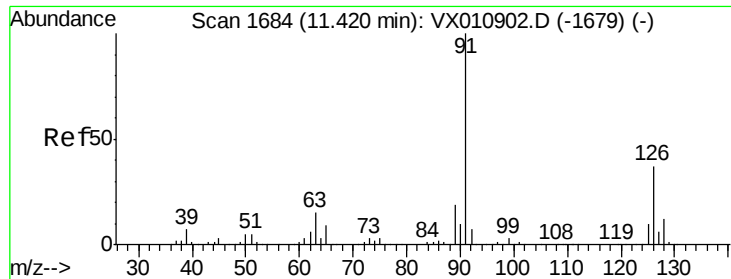
Tgt Ion:156 Resp: 48239
Ion Ratio Lower Upper
156 100
77 139.0 68.7 206.1
158 95.6 47.9 143.7



#78
n-propylbenzene
Concen: 20.351 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 91 Resp: 196993
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 20.510 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

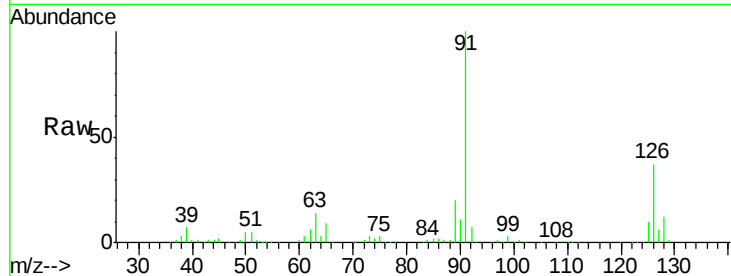
VX0730WBSD02

Tgt Ion: 91 Resp: 119259

Ion Ratio Lower Upper

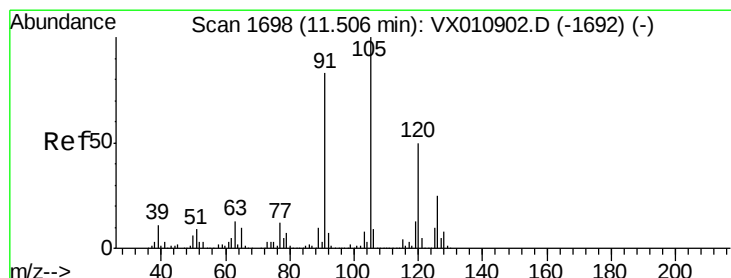
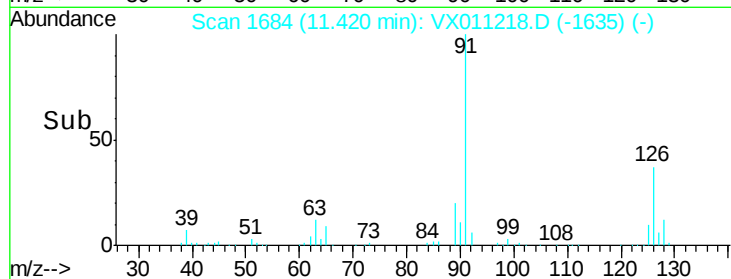
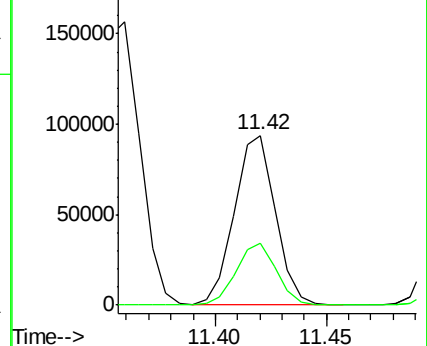
91 100

126 36.2 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.639 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011218.D

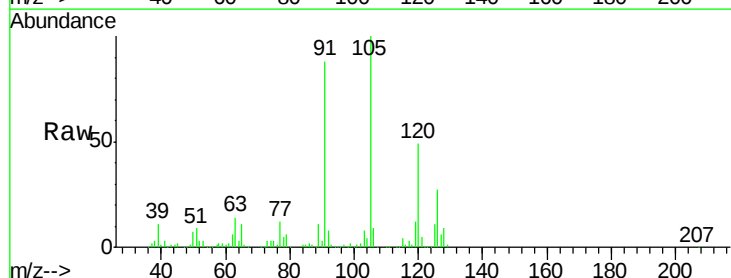
Acq: 31 Jul 2019 01:04

Tgt Ion: 105 Resp: 151082

Ion Ratio Lower Upper

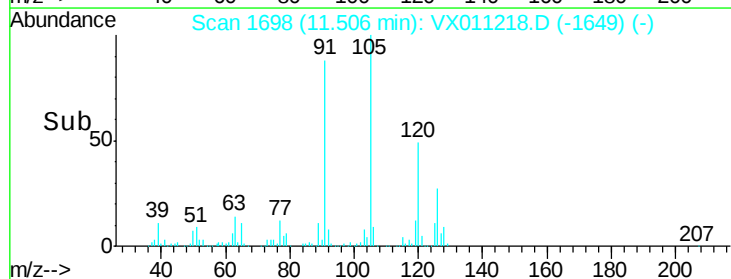
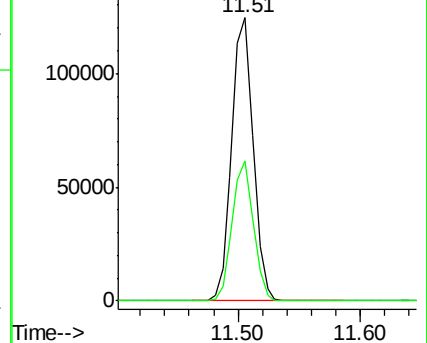
105 100

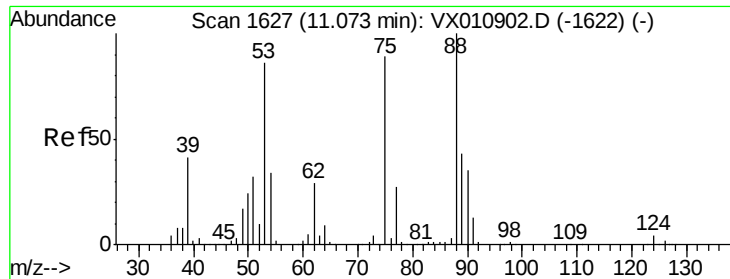
120 48.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.112 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

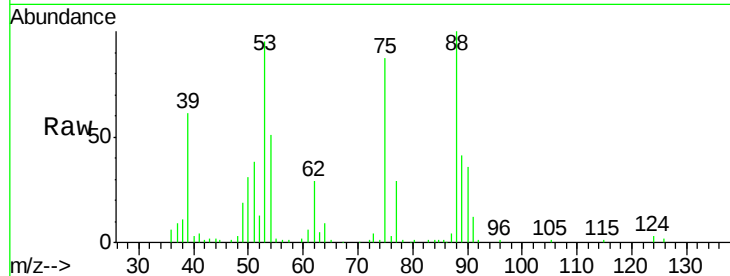
Tgt Ion: 75 Resp: 13176

Ion Ratio Lower Upper

75 100

53 110.7 76.7 115.1

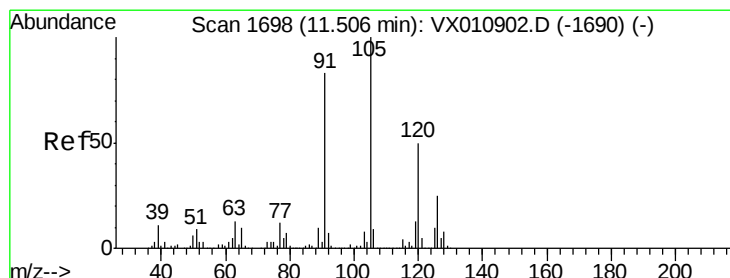
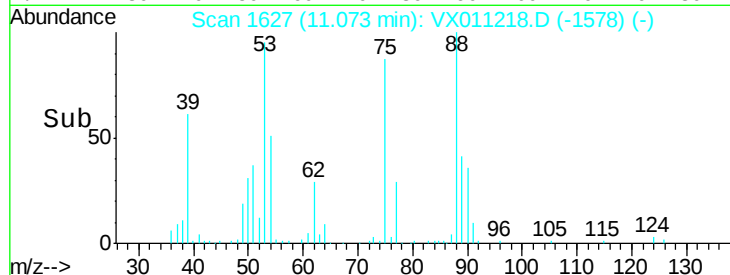
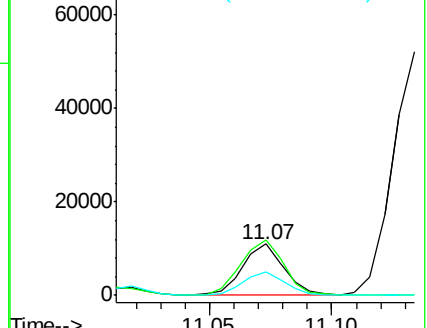
89 47.4 38.5 57.7



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: 20.492 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011218.D

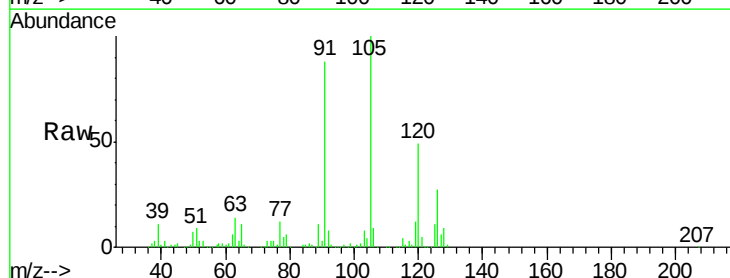
Acq: 31 Jul 2019 01:04

Tgt Ion: 91 Resp: 138681

Ion Ratio Lower Upper

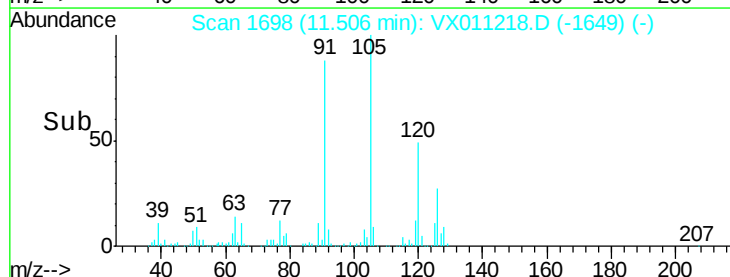
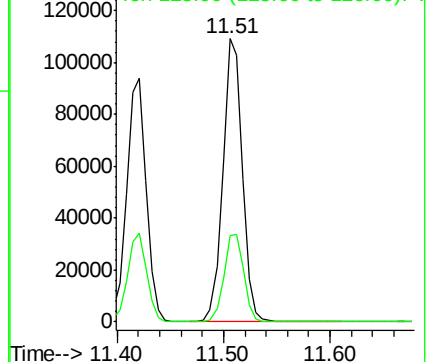
91 100

126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

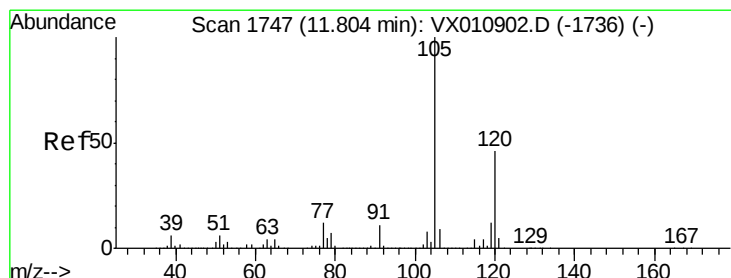
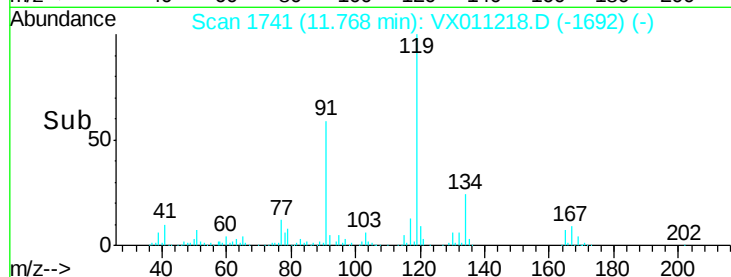
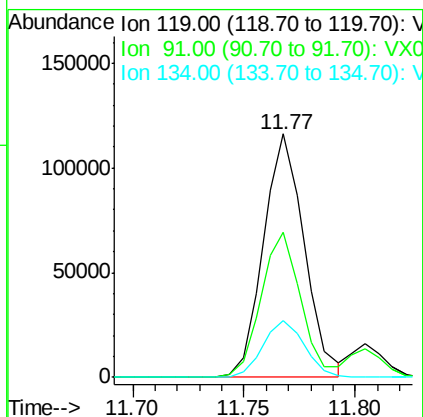
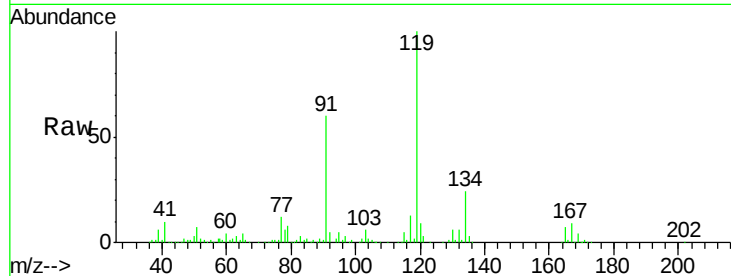




#83
 tert-Butylbenzene
 Concen: 20.563 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

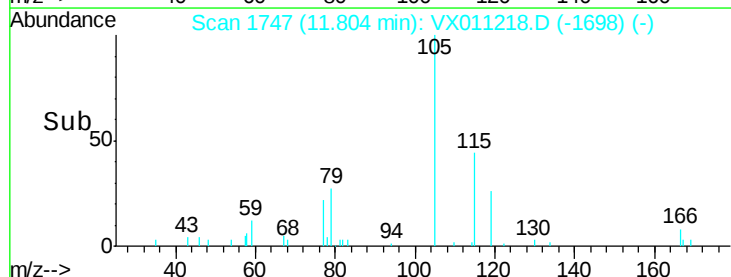
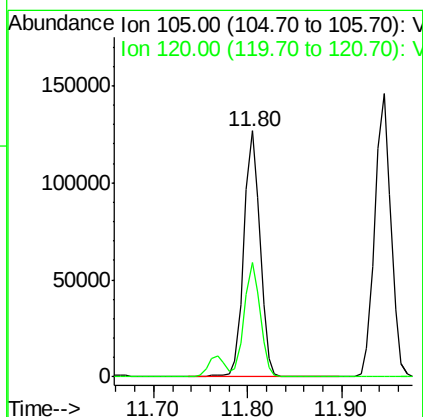
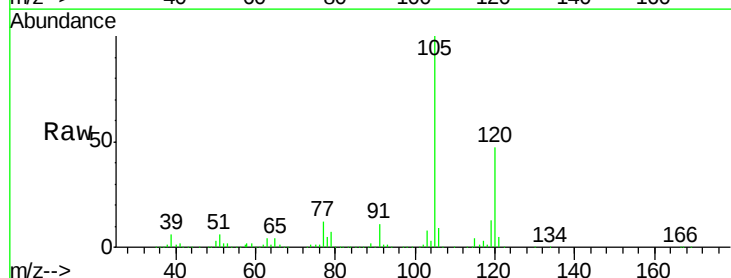
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

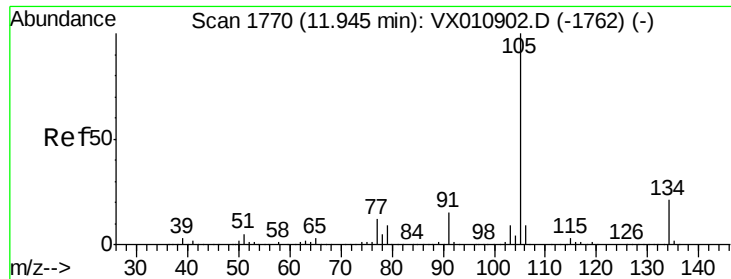
Tgt Ion:119 Resp: 147853
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.6 85.8
 134 23.8 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.550 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion:105 Resp: 151622
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.613 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

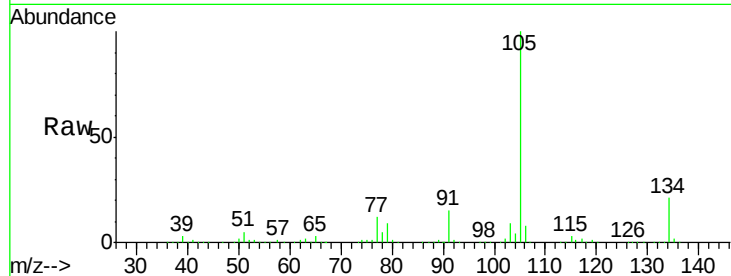
VX0730WBSD02

Tgt Ion:105 Resp: 173669

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

150000

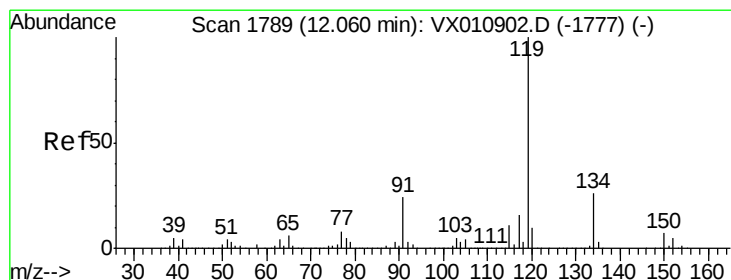
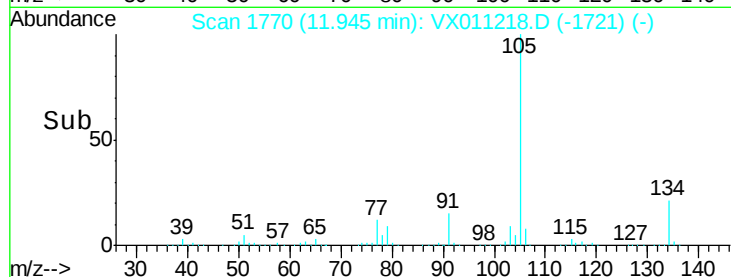
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.481 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

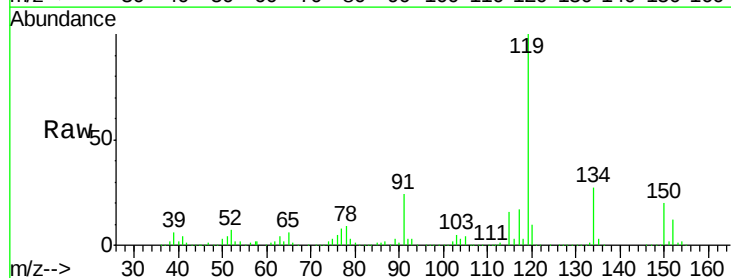
Tgt Ion:119 Resp: 159525

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 23.4 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): V

12.06

150000

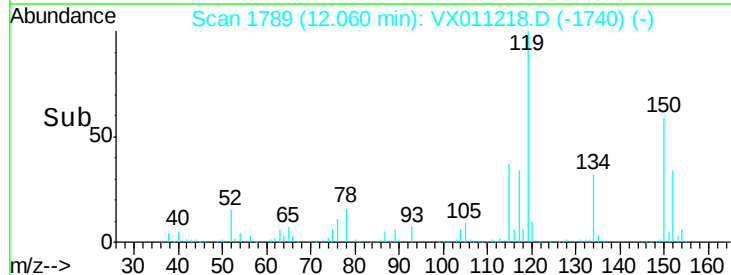
100000

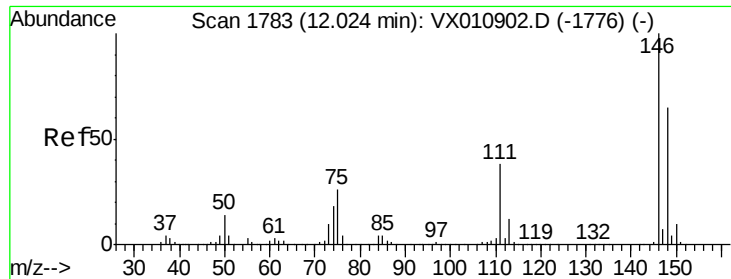
50000

0

Time-->

12.00 12.10

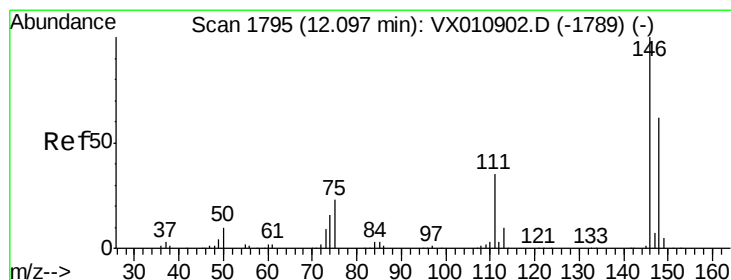
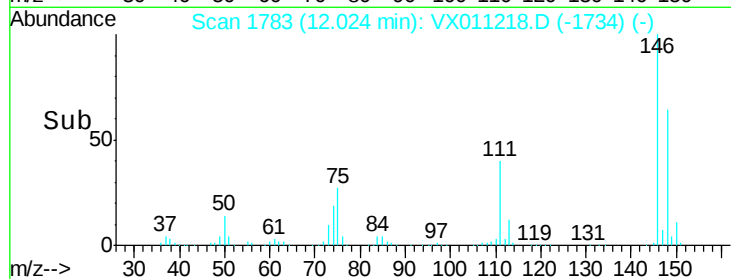
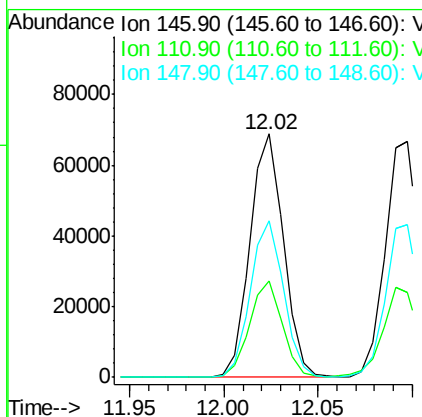
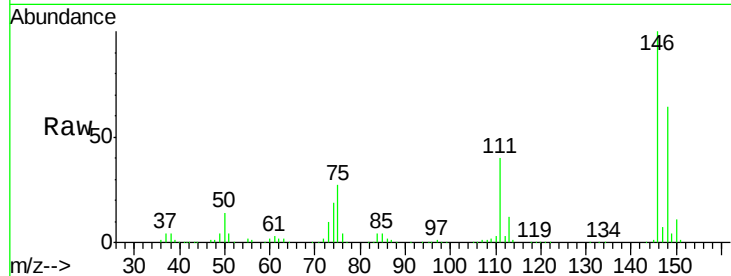




#87
 1,3-Dichlorobenzene
 Concen: 20.294 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

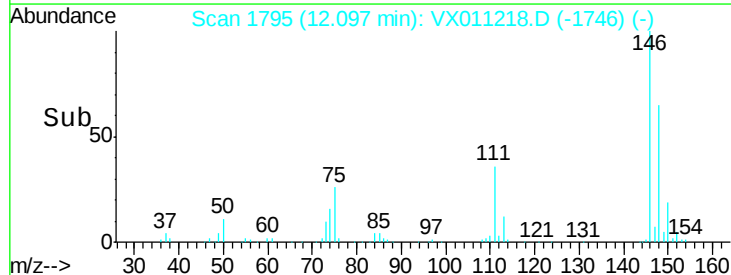
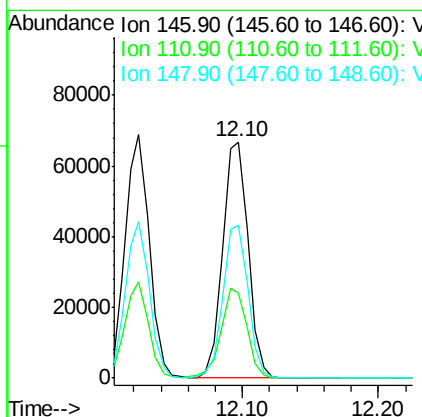
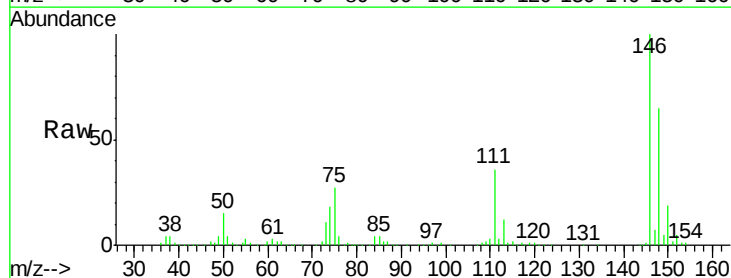
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

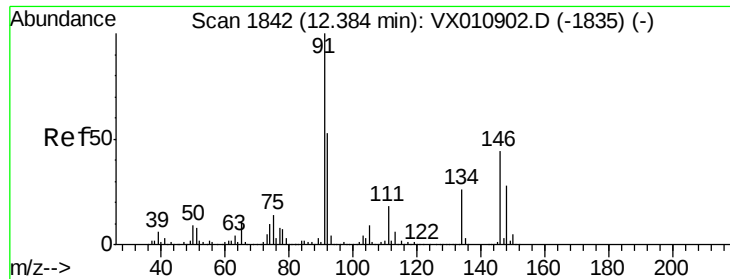
Tgt Ion:146 Resp: 85104
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.9
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.145 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion:146 Resp: 86640
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 64.3 31.6 94.7

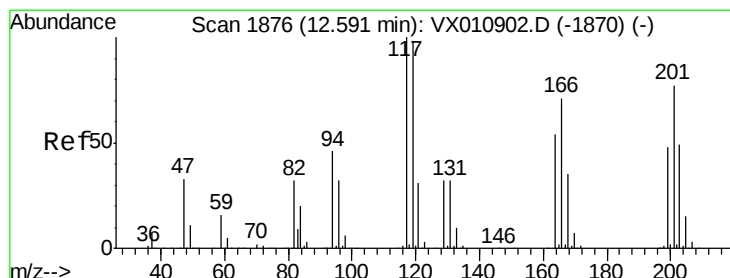
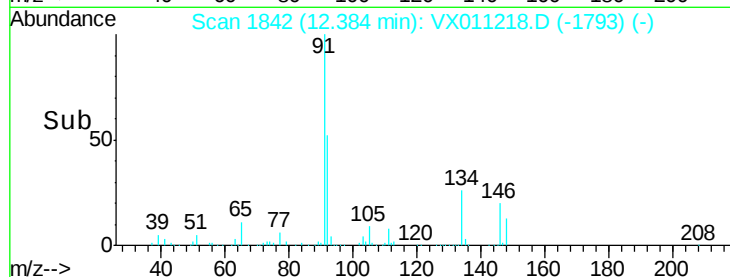
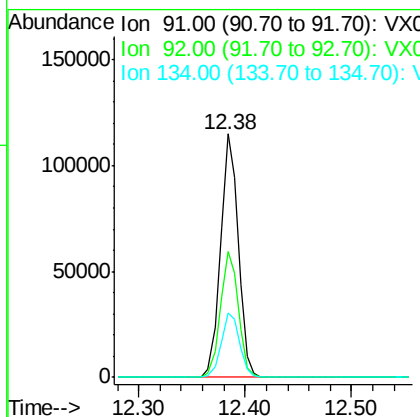
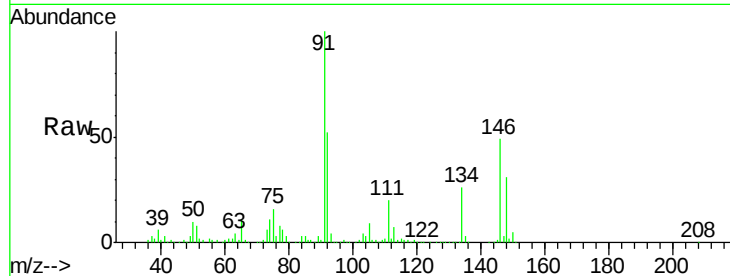




#89
n-Butylbenzene
Concen: 20.095 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

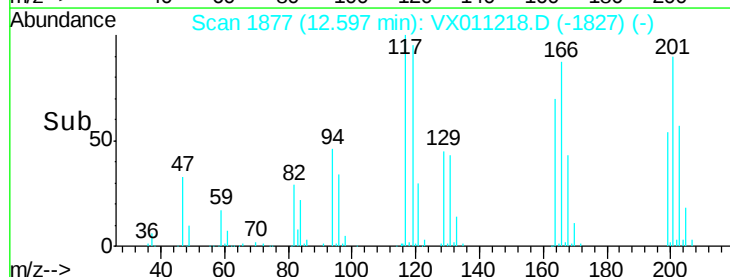
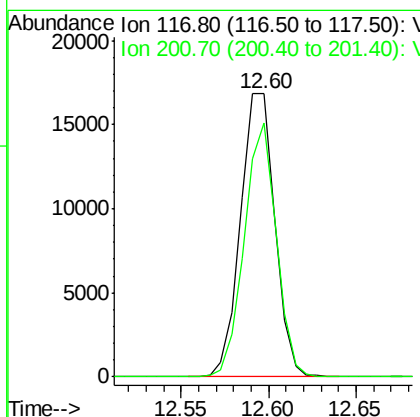
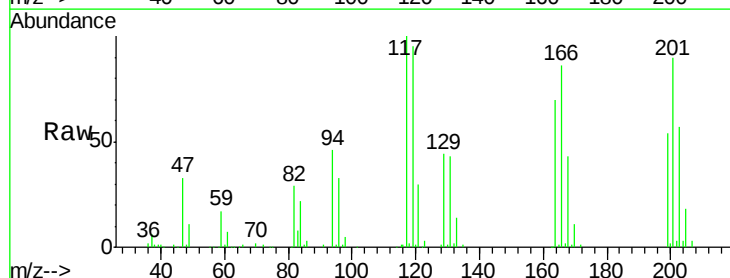
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD02

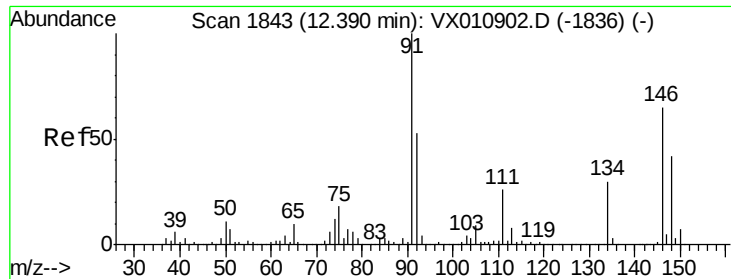
Tgt Ion: 91 Resp: 133904
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 27.1 13.8 41.3



#90
Hexachloroethane
Concen: 18.785 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011218.D
Acq: 31 Jul 2019 01:04

Tgt Ion: 117 Resp: 23078
Ion Ratio Lower Upper
117 100
201 83.2 43.3 129.8

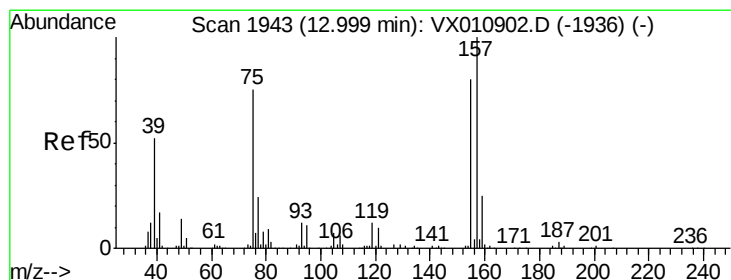
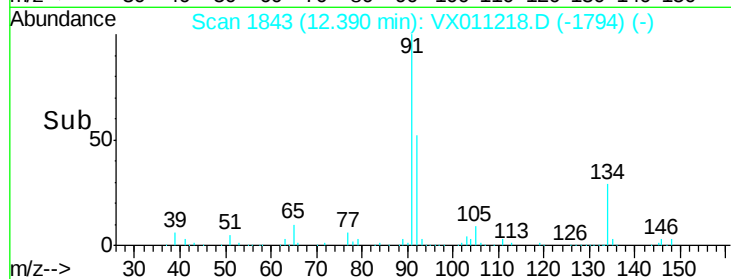
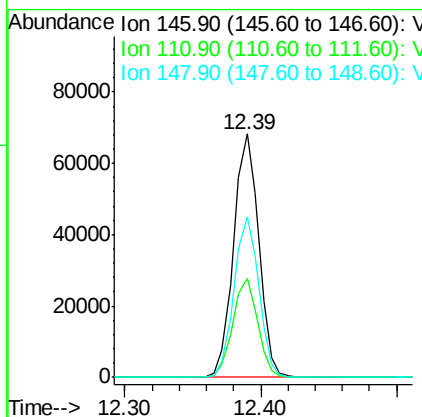
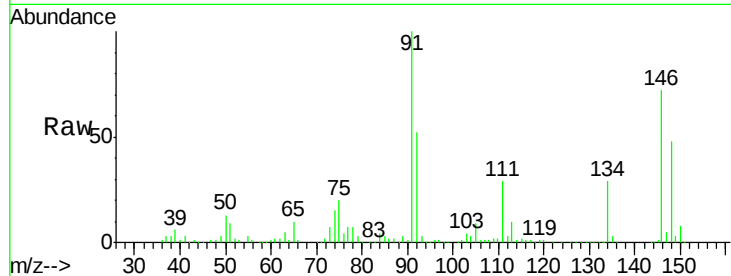




#91
 1,2-Dichlorobenzene
 Concen: 21.075 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

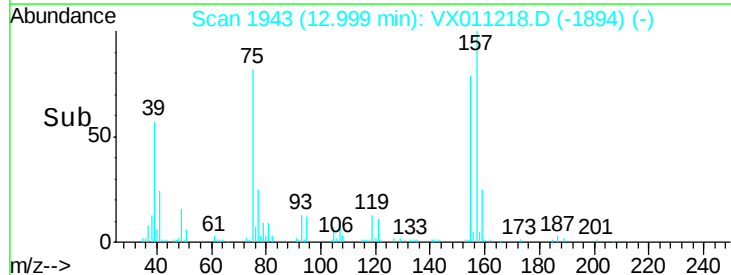
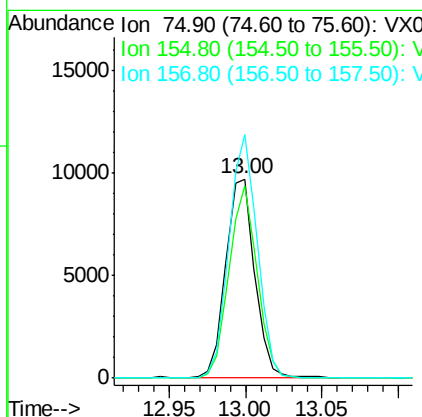
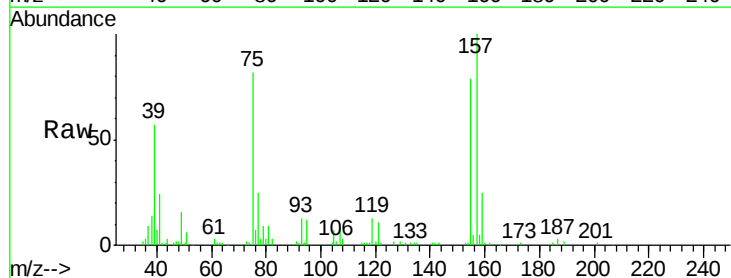
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

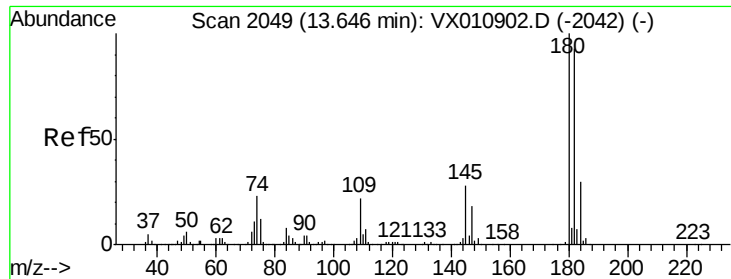
Tgt Ion:146 Resp: 87589
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 65.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.399 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion: 75 Resp: 12824
 Ion Ratio Lower Upper
 75 100
 155 93.0 48.7 146.1
 157 117.8 62.5 187.6

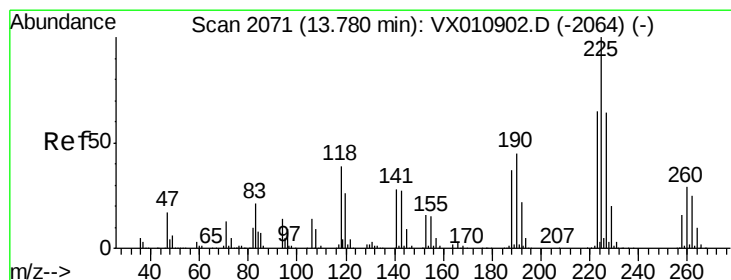
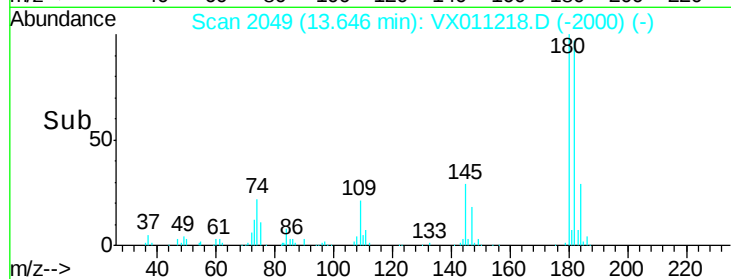
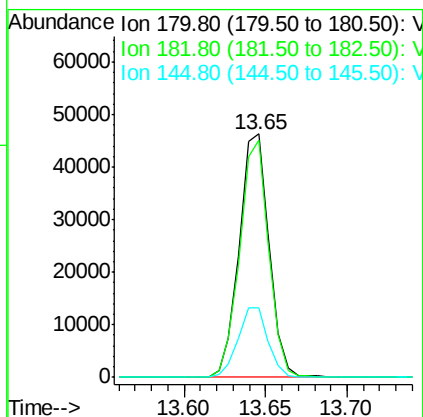
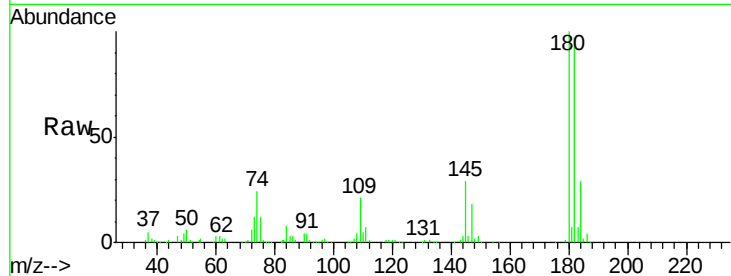




#93
 1,2,4-Trichlorobenzene
 Concen: 20.984 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

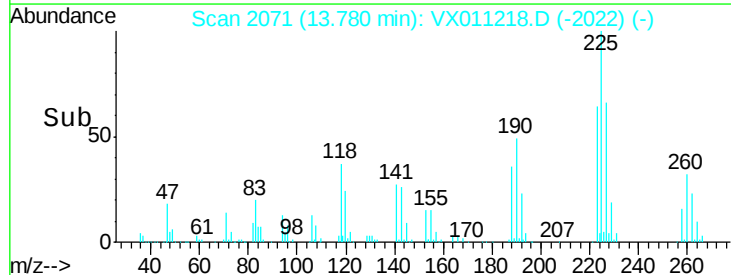
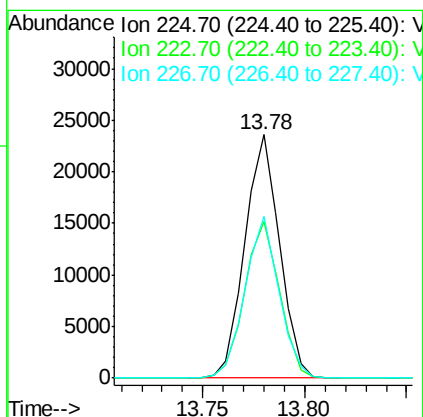
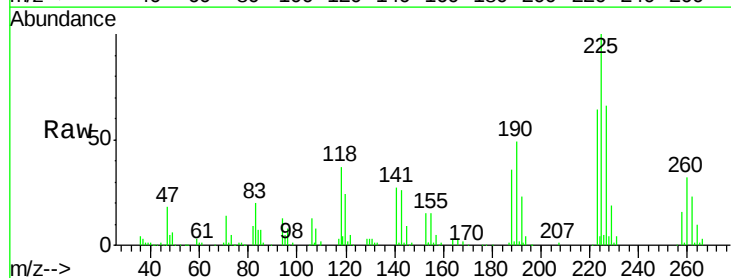
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

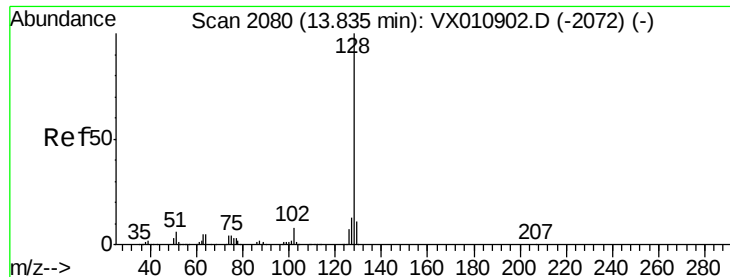
Tgt Ion:180 Resp: 59104
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.1 141.3
 145 28.8 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 19.985 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011218.D
 Acq: 31 Jul 2019 01:04

Tgt Ion:225 Resp: 27894
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.9 95.9
 227 65.2 32.5 97.4





#95

Naphthalene

Concen: 22.203 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD02

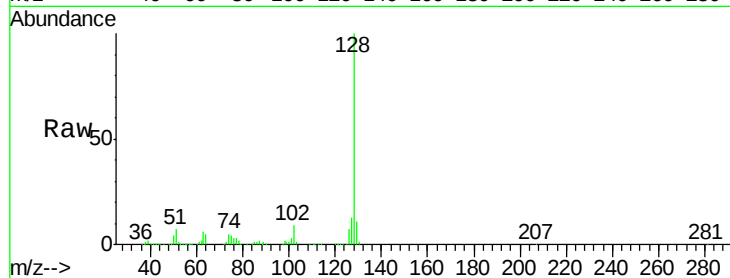
Tgt Ion:128 Resp: 184669

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

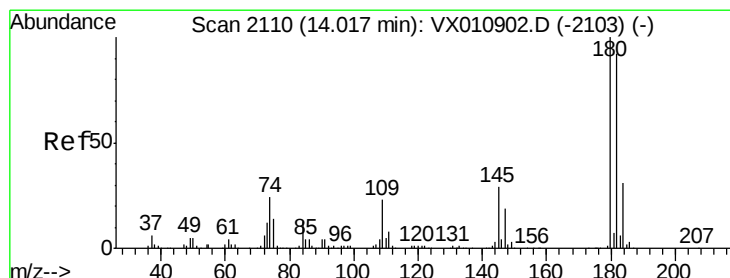
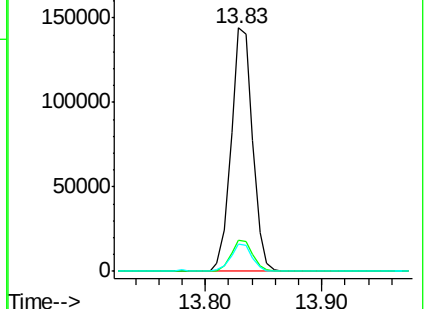
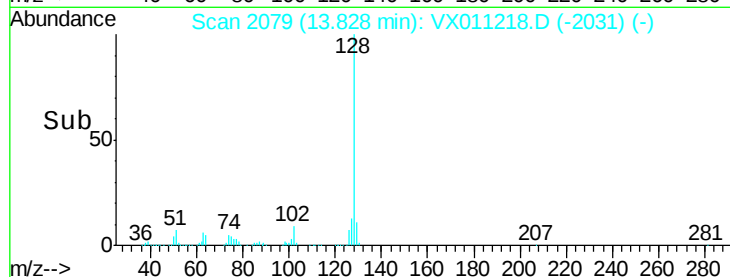
129 11.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.485 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011218.D

Acq: 31 Jul 2019 01:04

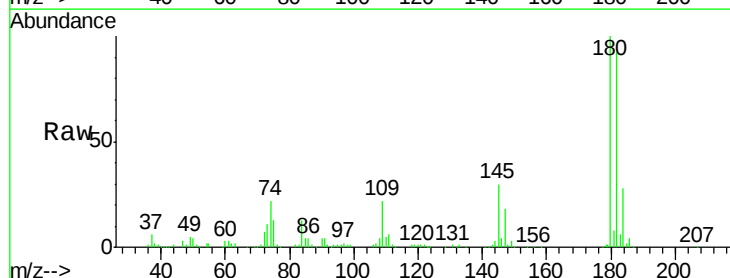
Tgt Ion:180 Resp: 60212

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.3

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

