

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017150.D
 Acq On : 02 Jul 2020 15:54
 Operator : JC/SP
 Sample : VX0702WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 03 00:52:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	244266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	373400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	350295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191790	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	140576	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
35) Dibromofluoromethane	5.47	113	115147	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	8.70	98	414781	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	11.12	95	162480	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	40711	17.228	ug/l	99
3) Chloromethane	1.31	50	39792	13.911	ug/l	95
4) Vinyl Chloride	1.39	62	42629	16.063	ug/l	98
5) Bromomethane	1.63	94	21278	15.175	ug/l	96
6) Chloroethane	1.72	64	26426	16.859	ug/l	95
7) Trichlorofluoromethane	1.92	101	73963	18.844	ug/l	100
8) Diethyl Ether	2.17	74	24375	18.687	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40967	17.414	ug/l	96
10) Methyl Iodide	2.49	142	23503	7.743	ug/l	98
11) Tert butyl alcohol	3.01	59	50748	88.339	ug/l	97
12) 1,1-Dichloroethene	2.36	96	41023	16.975	ug/l	99
13) Acrolein	2.28	56	21652	63.051	ug/l	97
14) Allyl chloride	2.71	41	73182	16.386	ug/l	99
15) Acrylonitrile	3.12	53	121128	87.710	ug/l	99
16) Acetone	2.42	43	102516	91.004	ug/l	95
17) Carbon Disulfide	2.55	76	116101	17.231	ug/l	100
18) Methyl Acetate	2.75	43	53451	18.176	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	143781	17.727	ug/l	98
20) Methylene Chloride	2.84	84	48351	18.217	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	46871	17.477	ug/l	96
22) Diisopropyl ether	3.82	45	145829	17.642	ug/l	94
23) Vinyl Acetate	3.79	43	639879	90.083	ug/l	99
24) 1,1-Dichloroethane	3.67	63	81553	17.339	ug/l	100
25) 2-Butanone	4.64	43	164510	87.643	ug/l	100
26) 2,2-Dichloropropane	4.55	77	70958	16.991	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	51451	16.932	ug/l	98
28) Bromochloromethane	4.98	49	40403	17.653	ug/l	98
29) Tetrahydrofuran	5.09	42	105991	85.463	ug/l	98
30) Chloroform	5.18	83	86888	18.021	ug/l	97
31) Cyclohexane	5.54	56	66497	16.356	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	80305	18.085	ug/l	100
36) 1,1-Dichloropropene	5.78	75	63065	17.870	ug/l	99
37) Ethyl Acetate	4.80	43	64237	17.940	ug/l	99
38) Carbon Tetrachloride	5.76	117	73599	18.935	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	68600	17.471	ug/l	98
40) Benzene	6.11	78	184934	17.835	ug/l	99
41) Methacrylonitrile	5.00	41	36548	18.136	ug/l	99
42) 1,2-Dichloroethane	6.17	62	69529	18.564	ug/l	100
43) Isopropyl Acetate	6.42	43	105574	17.744	ug/l	99
44) Trichloroethene	7.19	130	54238	18.762	ug/l	99
45) 1,2-Dichloropropane	7.49	63	46629	17.509	ug/l	99
46) Dibromomethane	7.64	93	33566	18.461	ug/l	96
47) Bromodichloromethane	7.88	83	69710	18.604	ug/l	95
48) Methyl methacrylate	7.74	41	50694	17.933	ug/l	96
49) 1,4-Dioxane	7.71	88	19651	306.852	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	332725	93.811	ug/l	99
52) Toluene	8.76	92	116961	18.067	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	75227	18.196	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	79081	17.844	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	49003	18.526	ug/l	98
56) Ethyl methacrylate	9.16	69	69201	18.381	ug/l	98
57) 1,3-Dichloropropane	9.35	76	80460	17.977	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	185625	99.070	ug/l	98
59) 2-Hexanone	9.47	43	246803	95.278	ug/l	99
60) Dibromochloromethane	9.56	129	57088	18.583	ug/l	100
61) 1,2-Dibromoethane	9.65	107	52614	18.506	ug/l	98
64) Tetrachloroethene	9.32	164	49302	17.439	ug/l	95
65) Chlorobenzene	10.12	112	130290	18.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51006	18.306	ug/l	98
67) Ethyl Benzene	10.23	91	219578	18.186	ug/l	100
68) m/p-Xylenes	10.34	106	170824	36.847	ug/l	98
69) o-Xylene	10.68	106	80190	18.183	ug/l	99
70) Styrene	10.70	104	140647	18.728	ug/l	98
71) Bromoform	10.84	173	43590	19.728	ug/l #	99
73) Isopropylbenzene	11.00	105	216732	17.252	ug/l	99
74) N-amyl acetate	10.88	43	90523	16.888	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	71325	18.050	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	83289	22.084	ug/l	87
77) Bromobenzene	11.24	156	61785	17.895	ug/l	98
78) n-propylbenzene	11.34	91	247690	17.436	ug/l	100
79) 2-Chlorotoluene	11.40	91	152374	17.723	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	184351	17.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	23733	16.296	ug/l	93
82) 4-Chlorotoluene	11.49	91	183728	17.876	ug/l	99
83) tert-Butylbenzene	11.76	119	182416	17.833	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	191665	18.131	ug/l	99
85) sec-Butylbenzene	11.93	105	204645	17.020	ug/l	100
86) p-Isopropyltoluene	12.05	119	194308	17.359	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	106393	16.967	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	109792	18.445	ug/l	98
89) n-Butylbenzene	12.37	91	159997	16.008	ug/l	100
90) Hexachloroethane	12.58	117	36761	16.654	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	104053	17.752	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16232	17.219	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

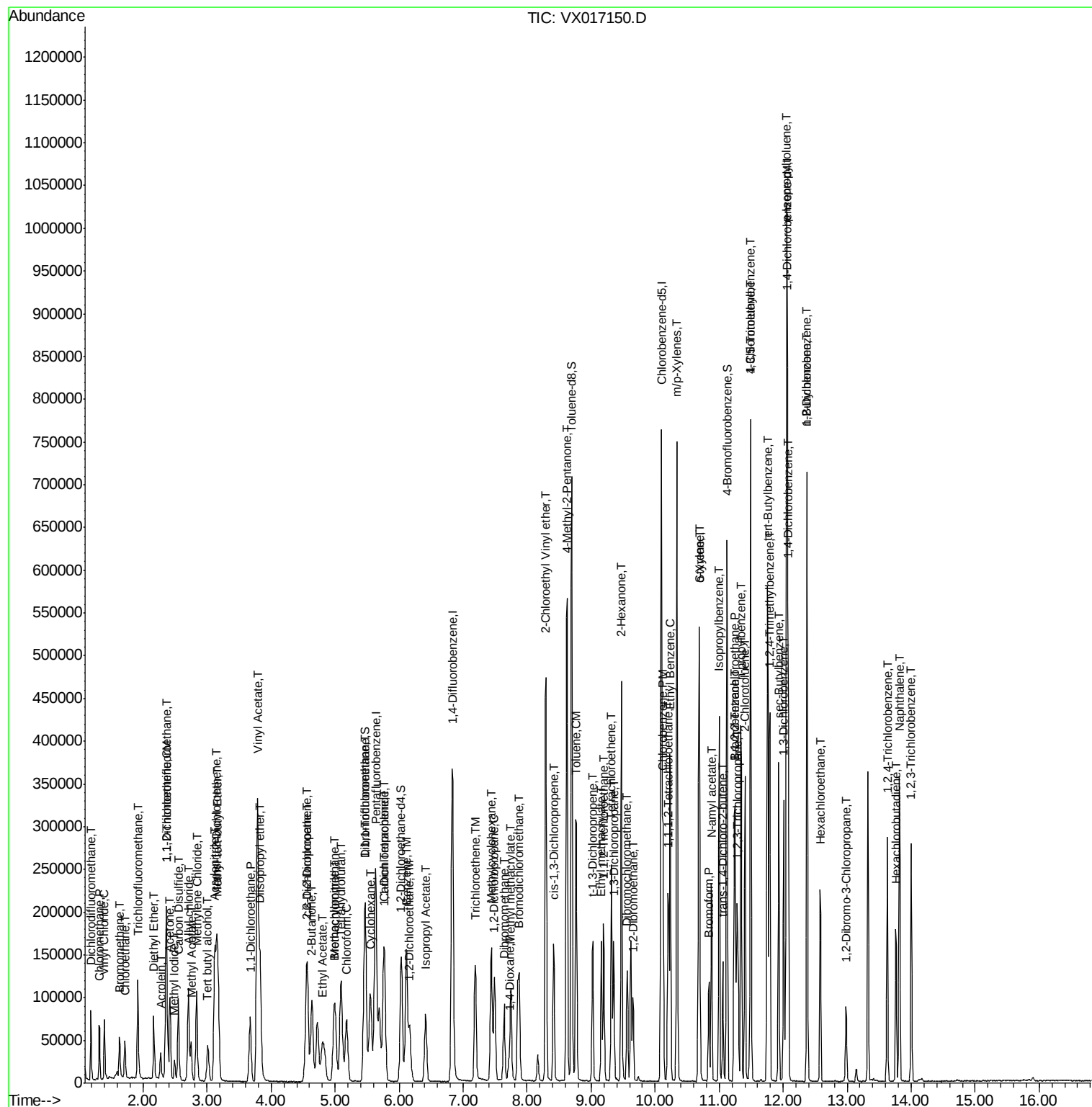
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67262	16.813	ug/l	98
94) Hexachlorobutadiene	13.77	225	24310	16.585	ug/l	99
95) Naphthalene	13.82	128	212105	17.439	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	68807	17.772	ug/l	98

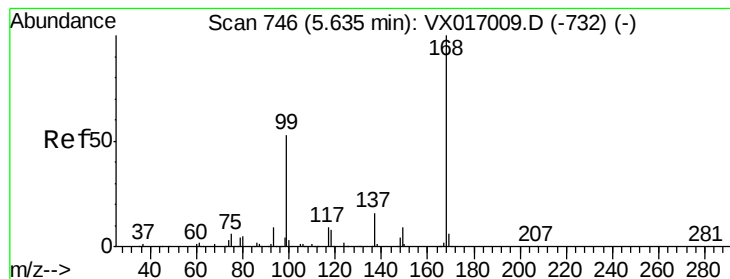
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Instrument :
 MSVOA_X
 ClientSampled :

Quant Time: Jul 03 00:52:08 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

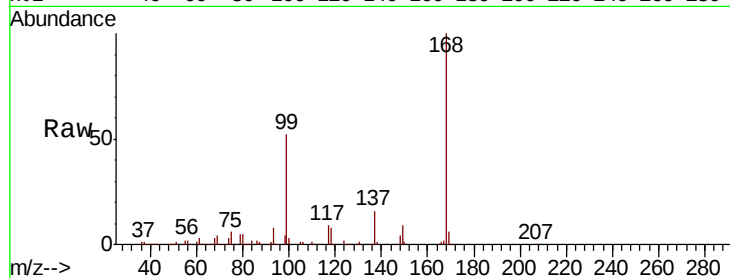
ClientSampleId :

Tot Ion:168 Resp: 244266

Ion Ratio Lower Upper

168 100

99 52.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

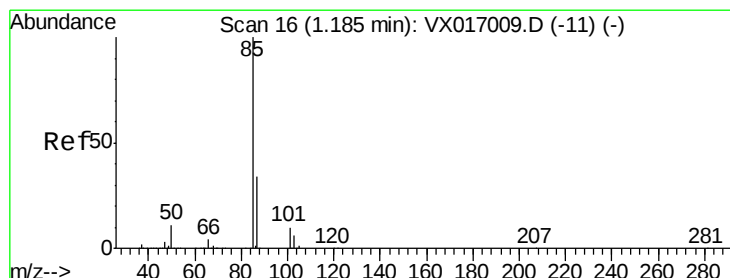
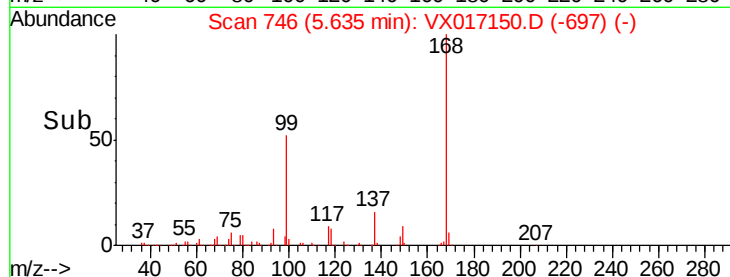
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.228 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017150.D

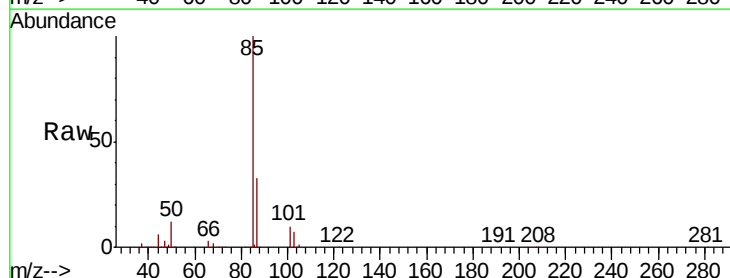
Acq: 02 Jul 2020 15:54

Tgt Ion: 85 Resp: 40711

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

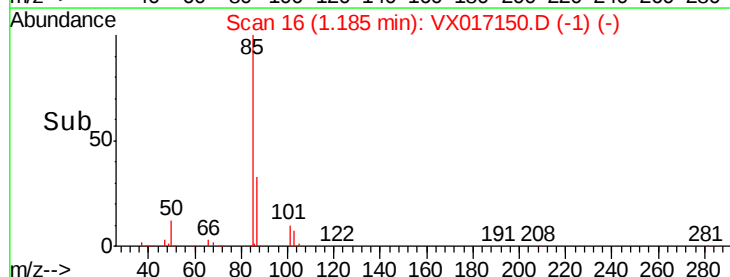
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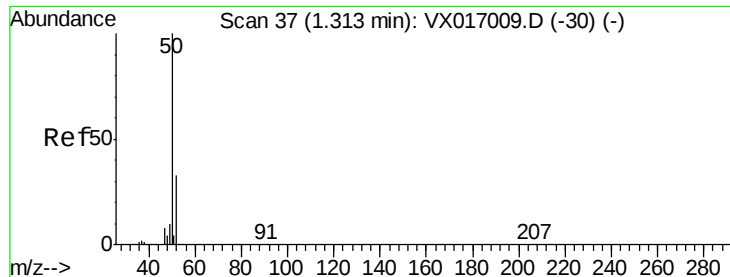
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10000

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Time-->

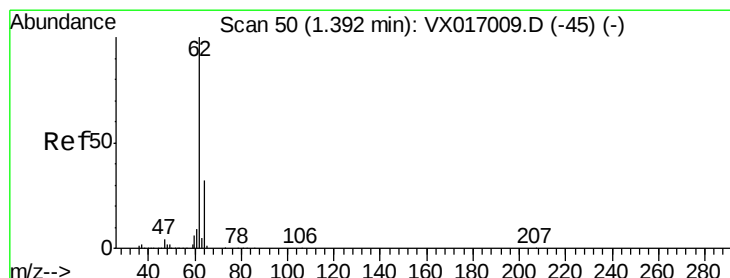
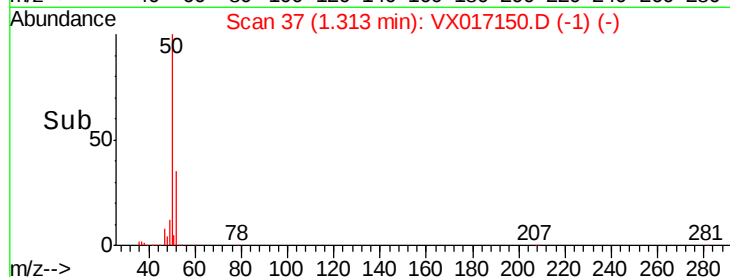
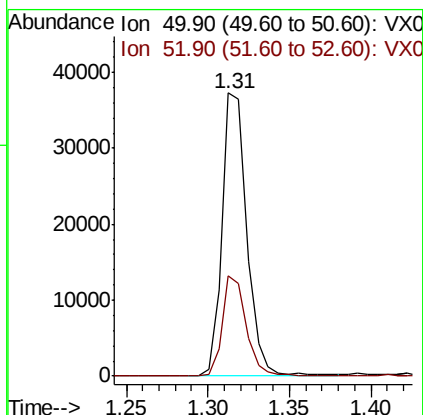
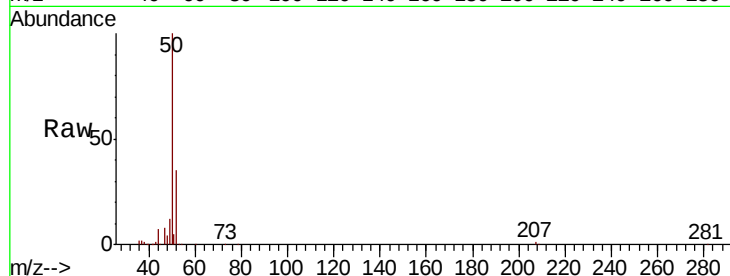




#3
Chloromethane
Concen: 13.911 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

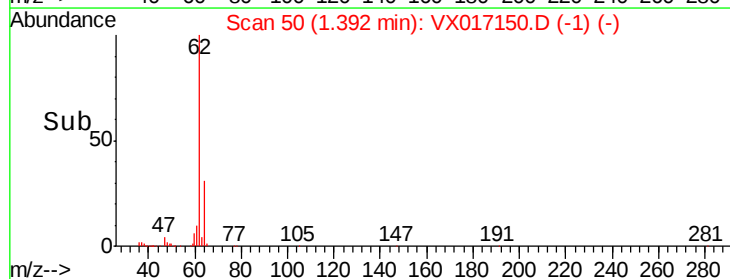
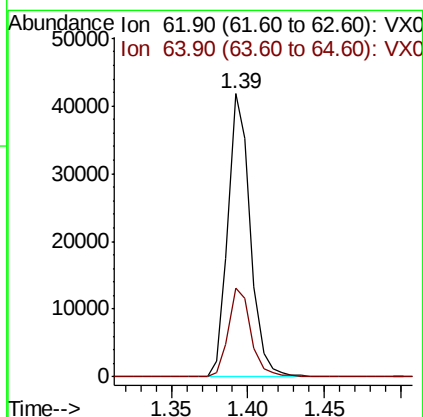
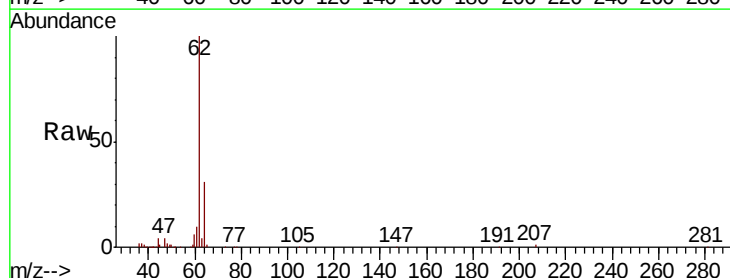
Instrument :
MSVOA_X
ClientSampleId :

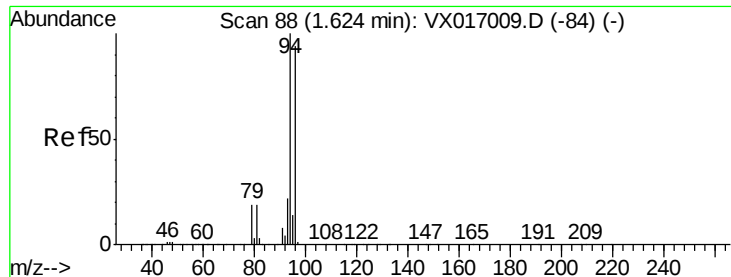
Tot Ion: 50 Resp: 39792
Ion Ratio Lower Upper
50 100
52 35.5 26.1 39.1



#4
Vinyl Chloride
Concen: 16.063 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 62 Resp: 42629
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





#5

Bromomethane

Concen: 15.175 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

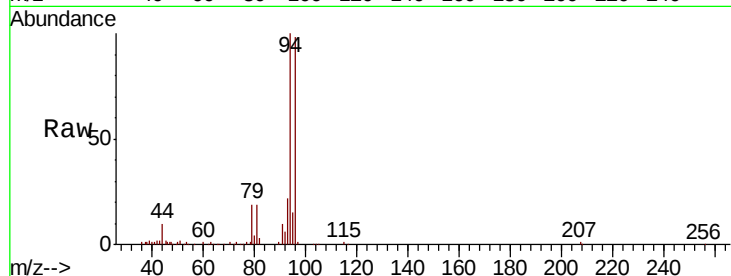
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 21278

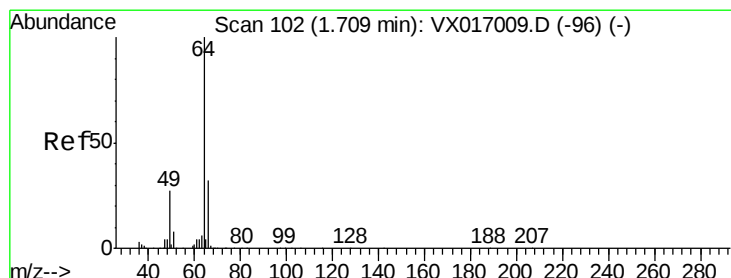
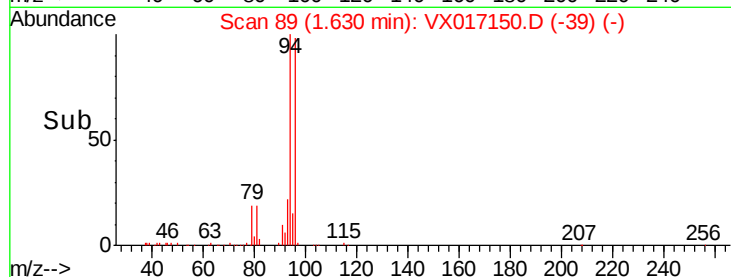
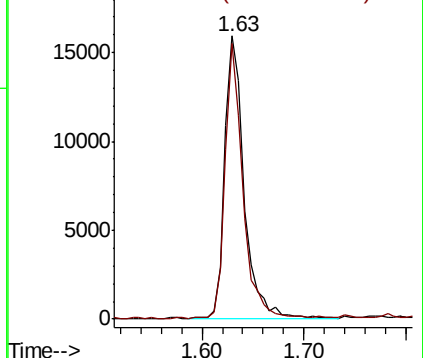
Ion Ratio Lower Upper

94 100

96 97.1 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.859 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017150.D

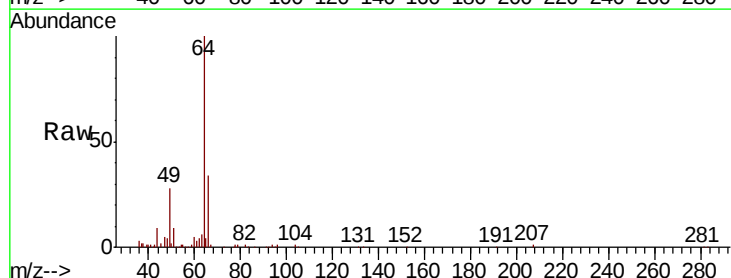
Acq: 02 Jul 2020 15:54

Tgt Ion: 64 Resp: 26426

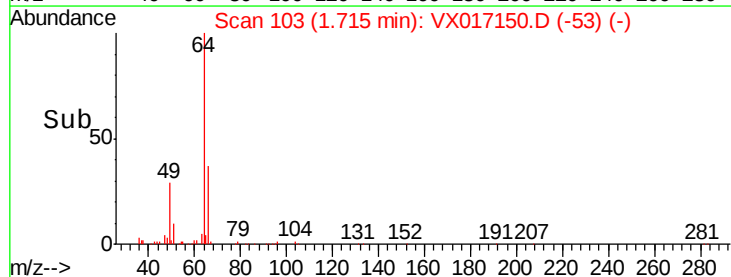
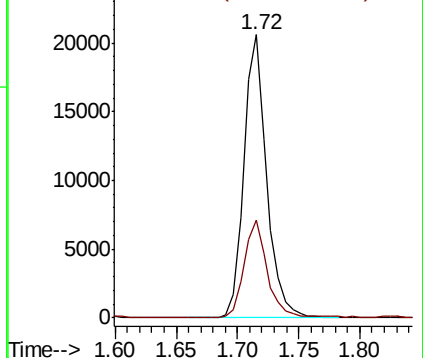
Ion Ratio Lower Upper

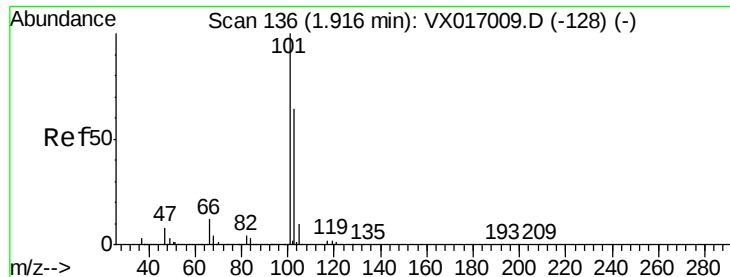
64 100

66 34.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



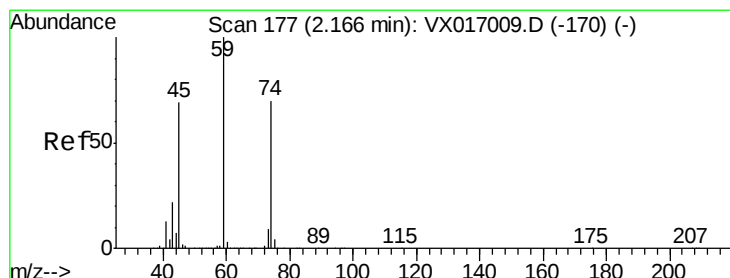
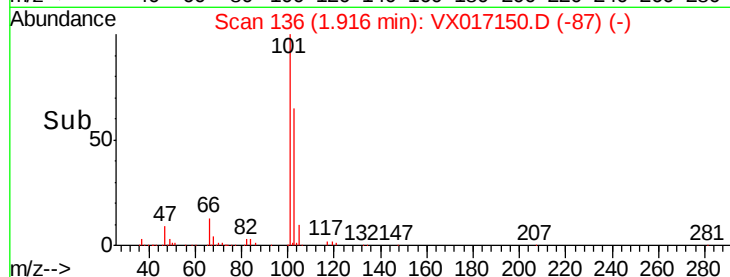
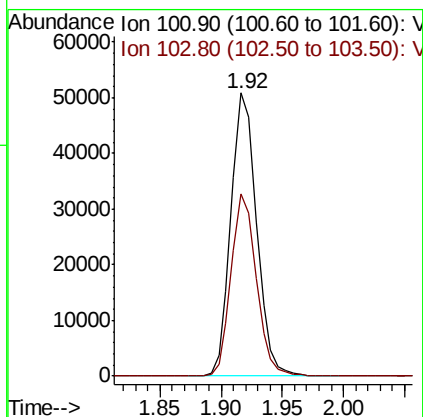
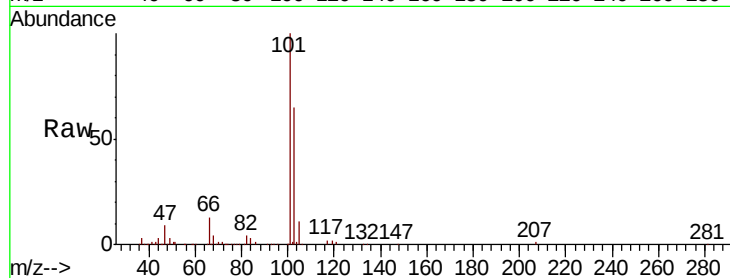


#7

Trichlorofluoromethane
Concen: 18.844 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

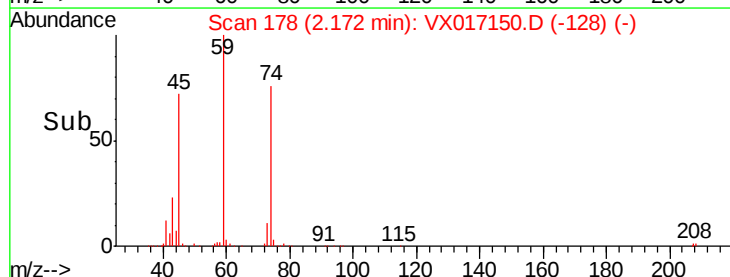
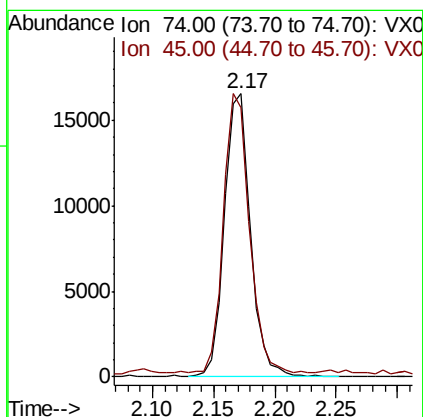
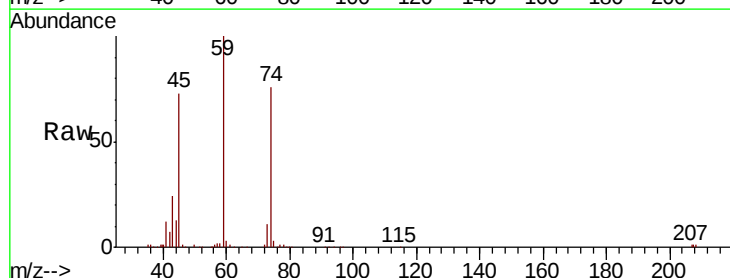
Tot Ion:101 Resp: 73963
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

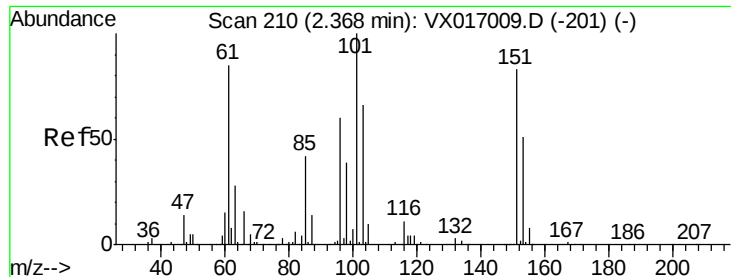


#8

Diethyl Ether
Concen: 18.687 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 74 Resp: 24375
Ion Ratio Lower Upper
74 100
45 98.3 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.414 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampled :

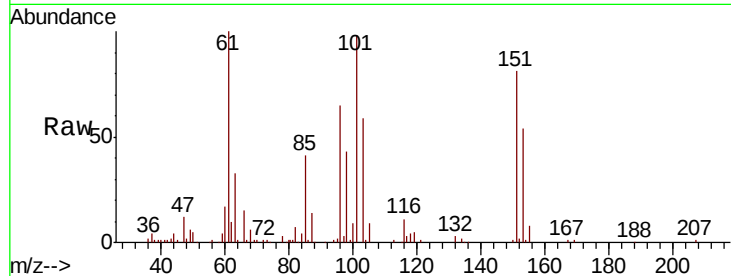
Tot Ion:101 Resp: 40967

Ion Ratio Lower Upper

101 100

85 43.7 33.5 50.3

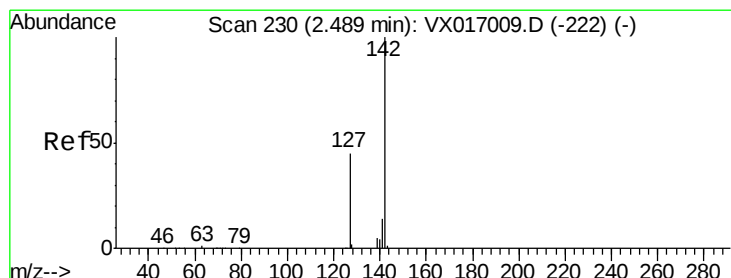
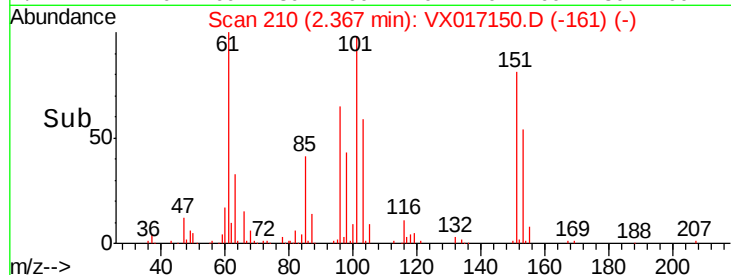
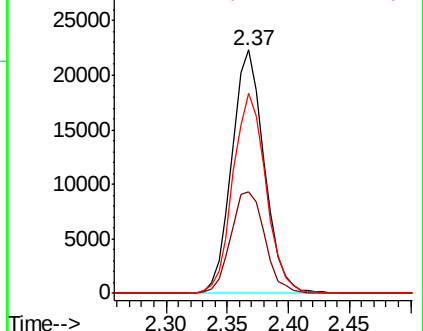
151 83.8 63.8 95.6



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: 7.743 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

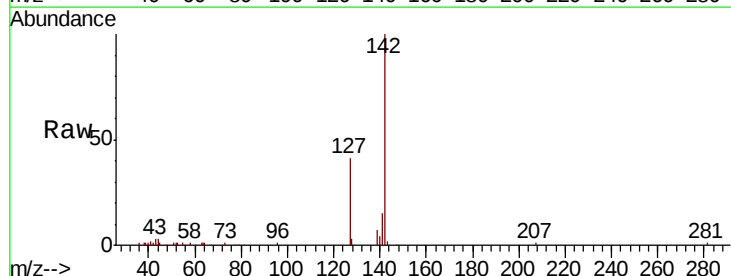
Tgt Ion:142 Resp: 23503

Ion Ratio Lower Upper

142 100

127 43.9 36.6 54.8

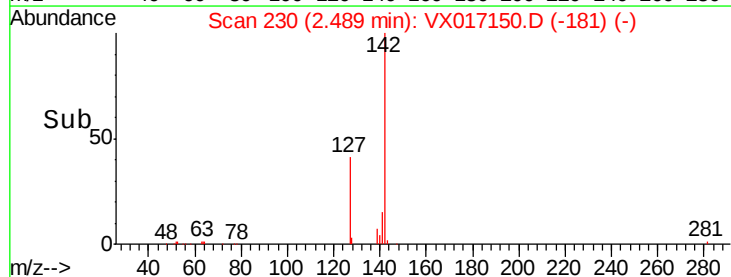
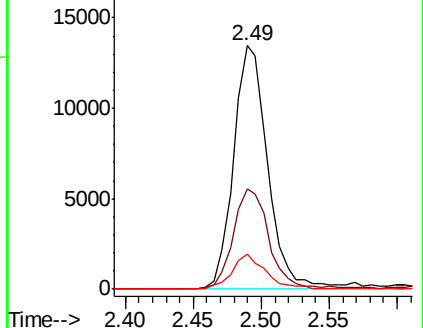
141 14.2 11.6 17.4



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



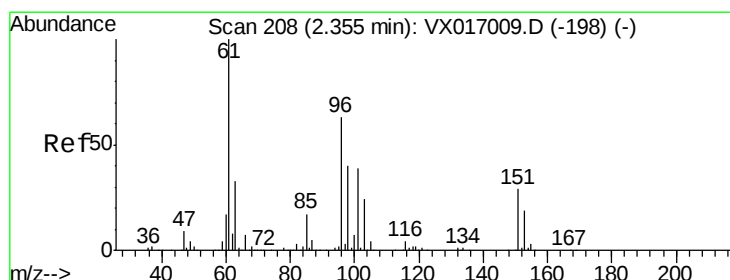
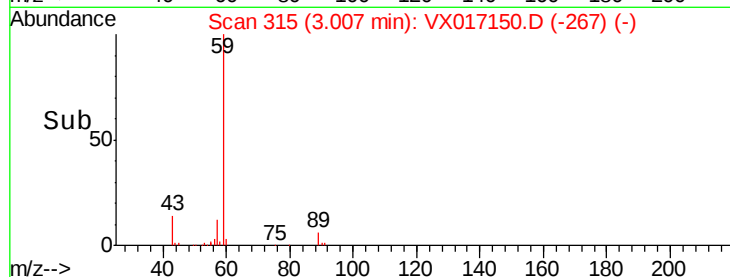
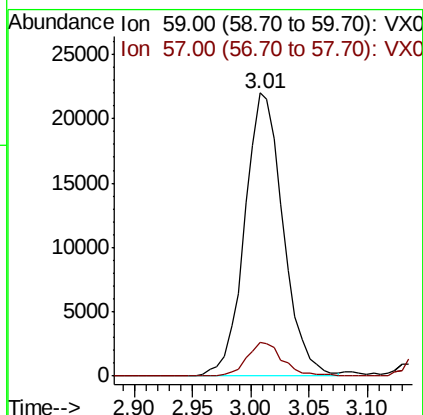
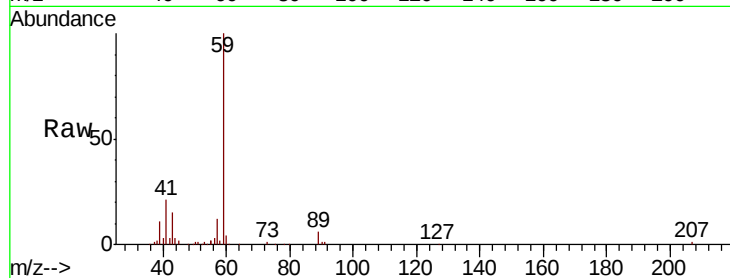


#11

Tert butyl alcohol
Concen: 88.339 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

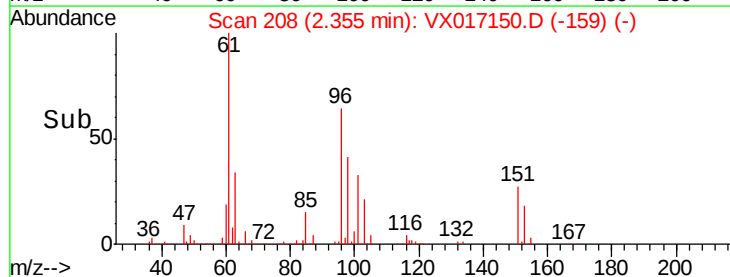
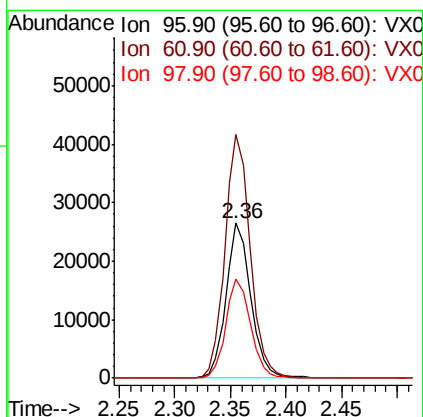
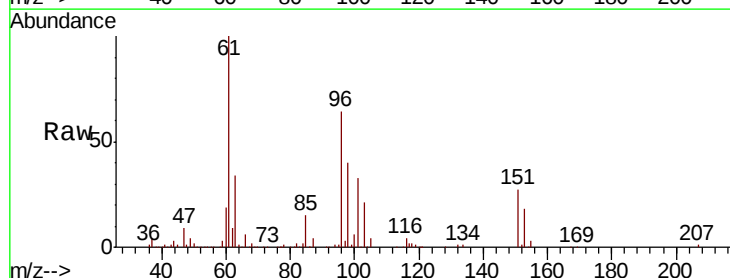
Tot Ion: 59 Resp: 50748
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.2

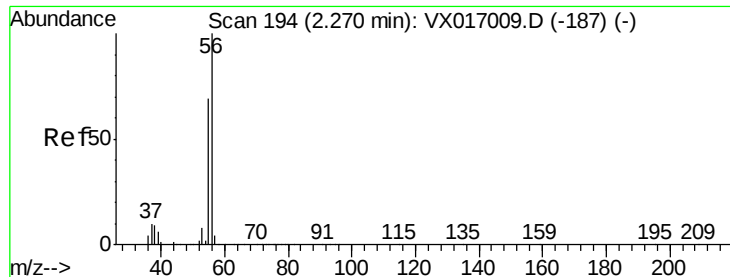


#12

1,1-Dichloroethene
Concen: 16.975 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 96 Resp: 41023
Ion Ratio Lower Upper
96 100
61 156.9 126.3 189.5
98 63.4 51.0 76.6





#13

Acrolein

Concen: 63.051 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

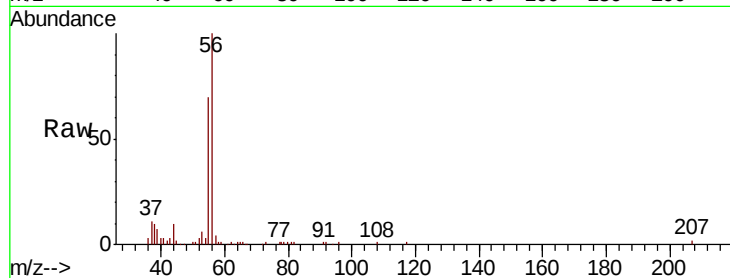
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 21652

Ion Ratio Lower Upper

56 100

55 72.0 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

15000

10000

5000

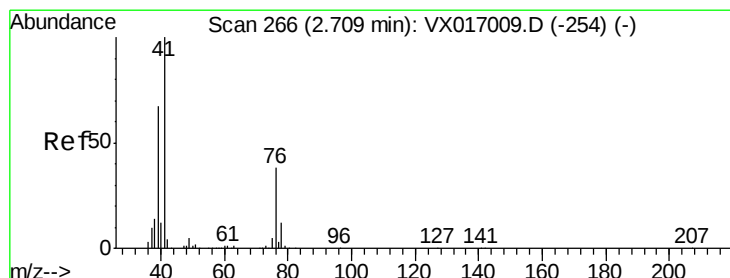
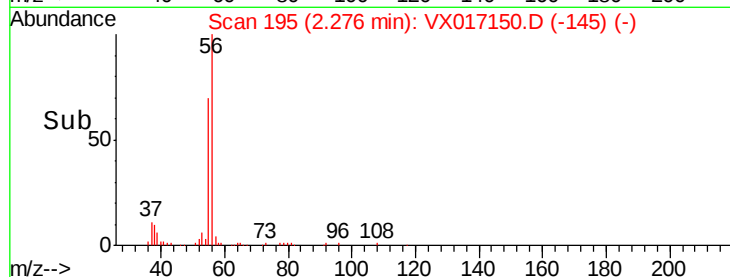
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 16.386 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

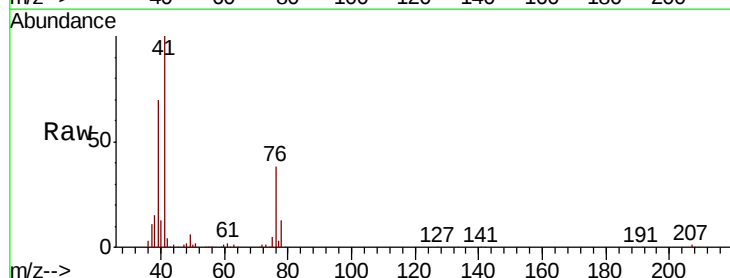
Tgt Ion: 41 Resp: 73182

Ion Ratio Lower Upper

41 100

39 63.4 49.4 74.2

76 33.4 26.8 40.2



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

50000

40000

30000

20000

10000

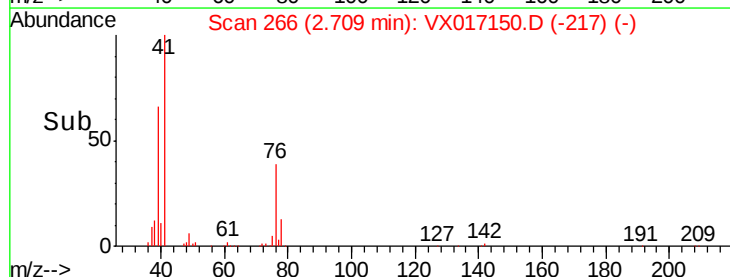
0

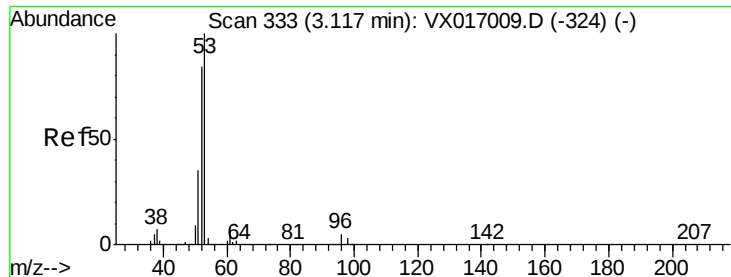
Time-->

2.60

2.70

2.80

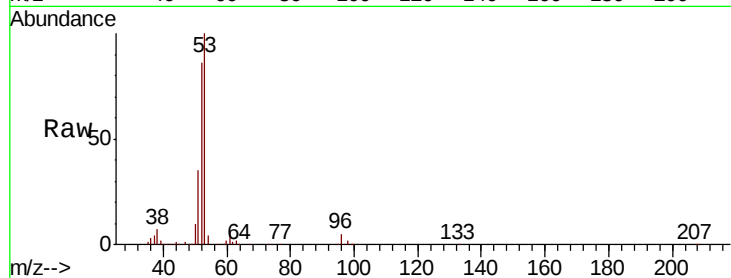




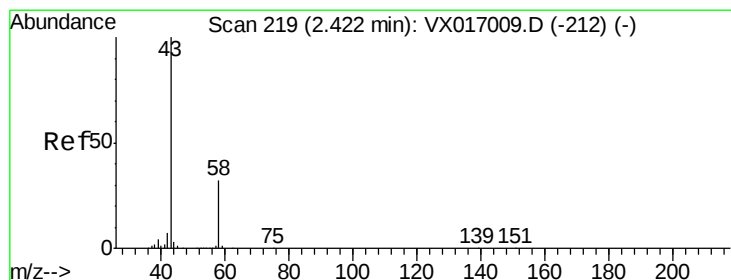
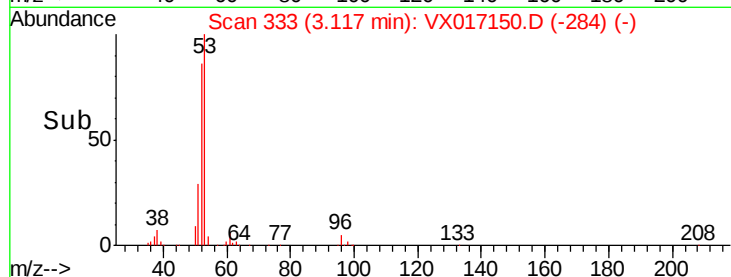
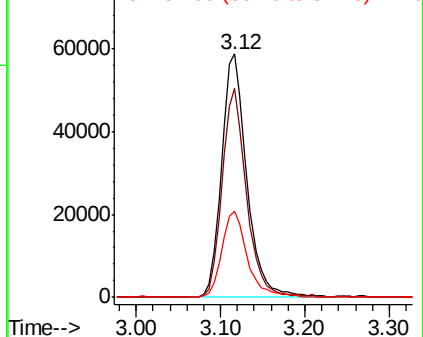
#15
 Acrylonitrile
 Concen: 87.710 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	53	Resp	121128
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.6	98.4
51	36.2	28.3	42.5

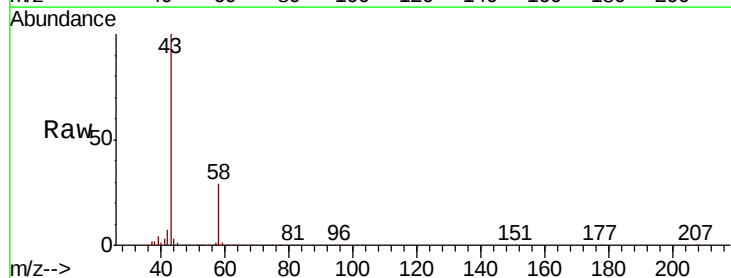


Abundance Ion 53.00 (52.70 to 53.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0
 Ion 51.00 (50.70 to 51.70): VX0

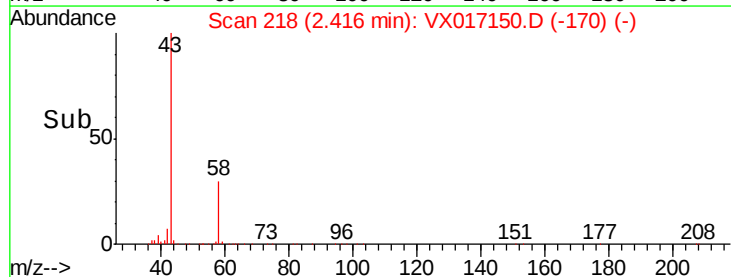
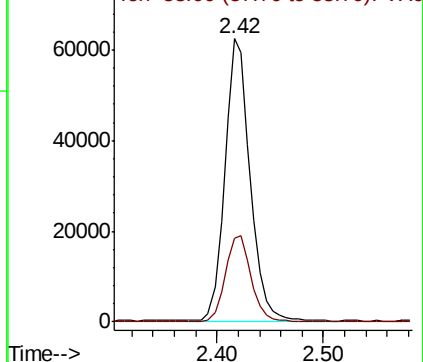


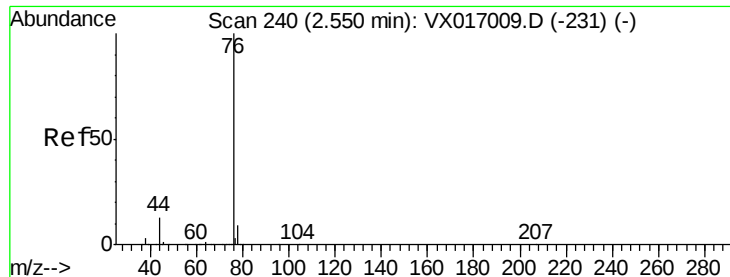
#16
 Acetone
 Concen: 91.004 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Tgt Ion	43	Resp	102516
Ion	Ratio	Lower	Upper
43	100		
58	29.6	25.7	38.5



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





#17

Carbon Disulfide

Concen: 17.231 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

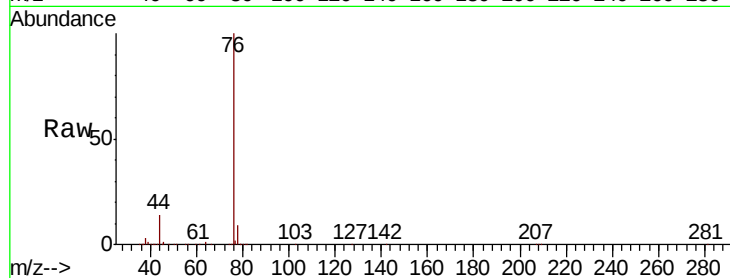
ClientSampled :

Tot Ion: 76 Resp: 116101

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

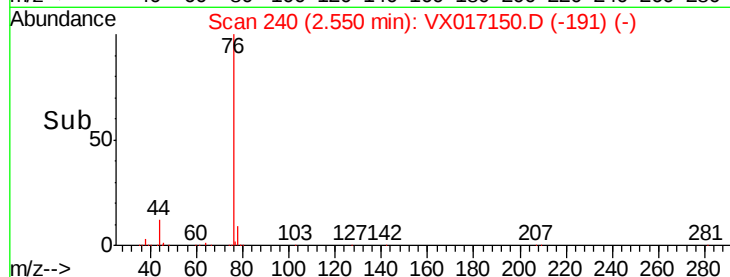


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

Time-->



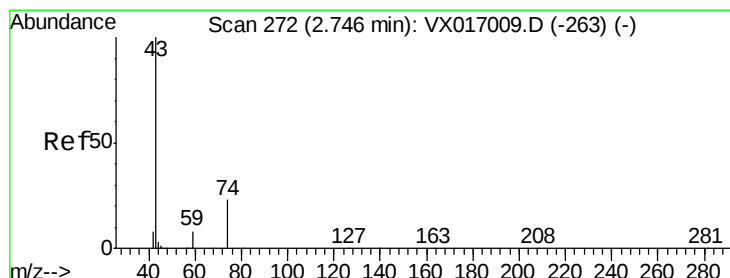
Abundance

Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

Time-->



#18

Methyl Acetate

Concen: 18.176 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017150.D

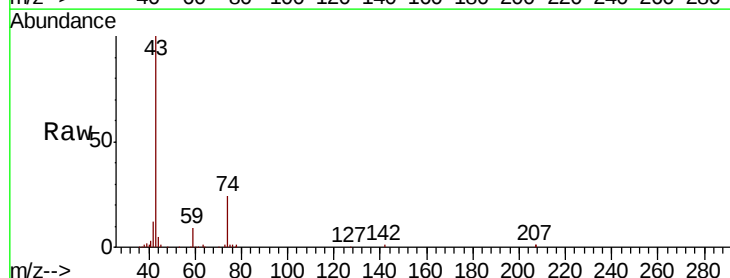
Acq: 02 Jul 2020 15:54

Tgt Ion: 43 Resp: 53451

Ion Ratio Lower Upper

43 100

74 24.5 19.3 28.9

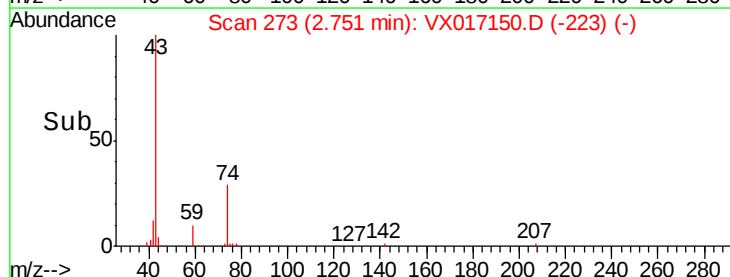


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

Time-->



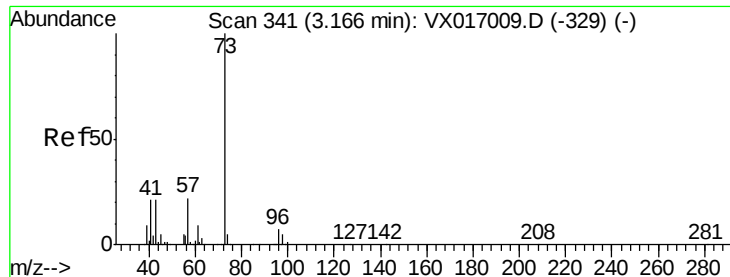
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

Time-->

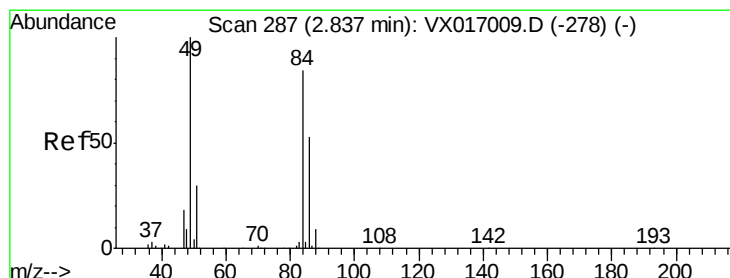
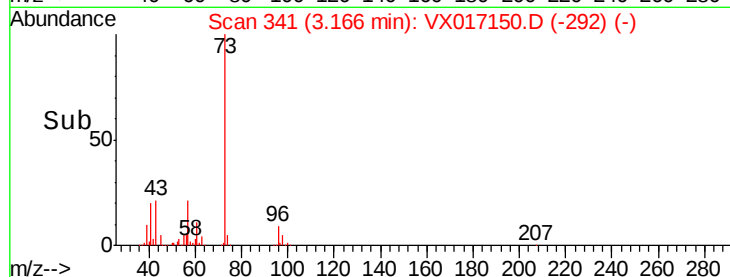
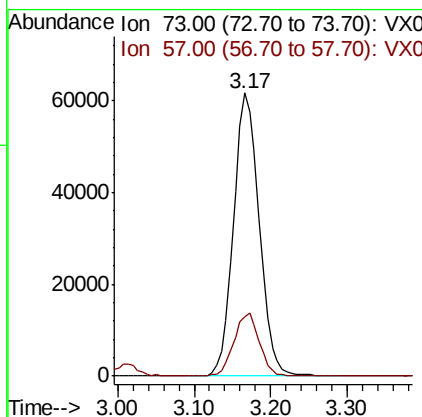
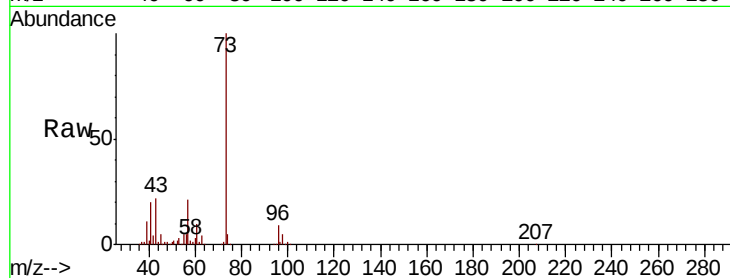


#19

Methyl tert-butyl Ether
 Concen: 17.727 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Instrument :
 MSVOA_X
 ClientSampled :

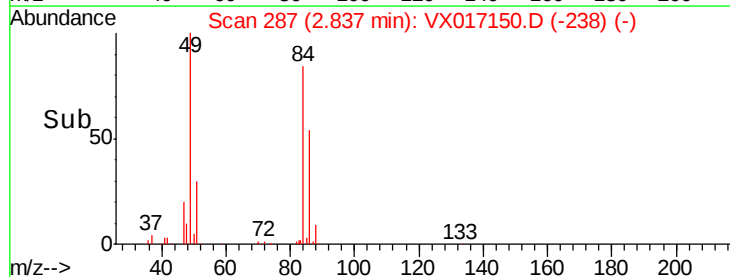
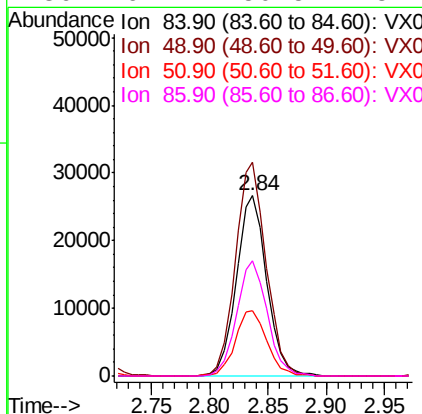
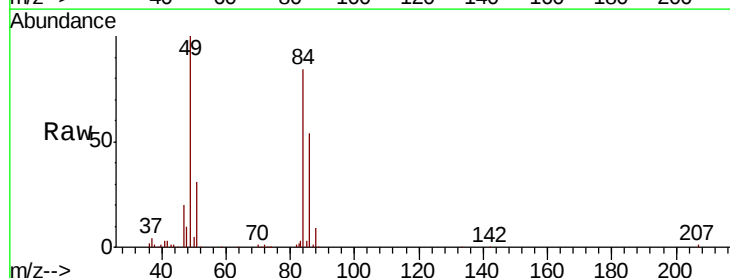
Tot Ion: 73 Resp: 143781
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.6 26.4

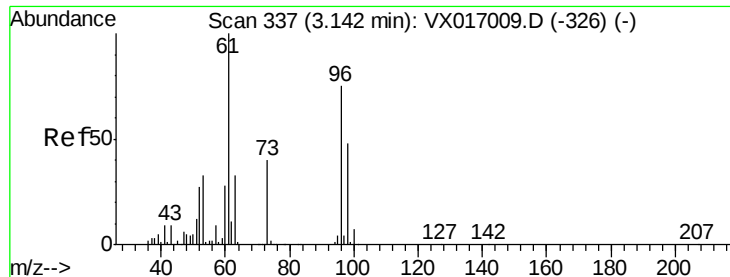


#20

Methylene Chloride
 Concen: 18.217 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Tgt Ion: 84 Resp: 48351
 Ion Ratio Lower Upper
 84 100
 49 118.6 94.7 142.1
 51 36.3 28.6 42.8
 86 64.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.477 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

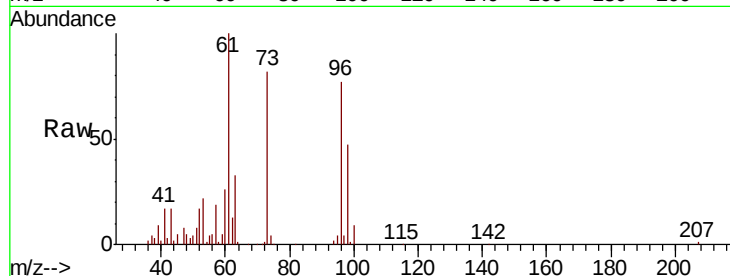
Tot Ion: 96 Resp: 46871

Ion Ratio Lower Upper

96 100

61 129.6 107.0 160.6

98 60.6 51.6 77.4

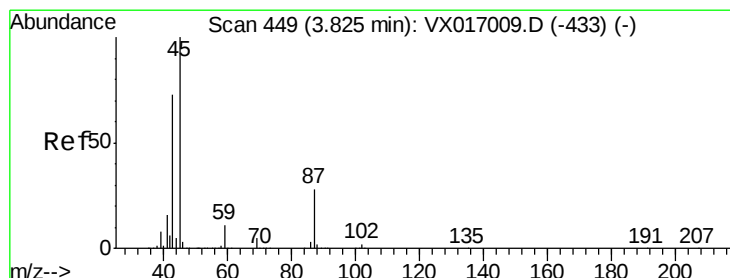
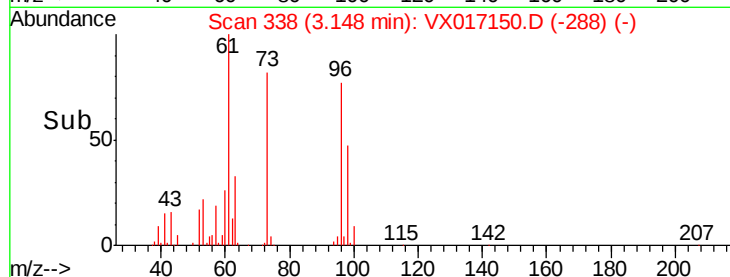
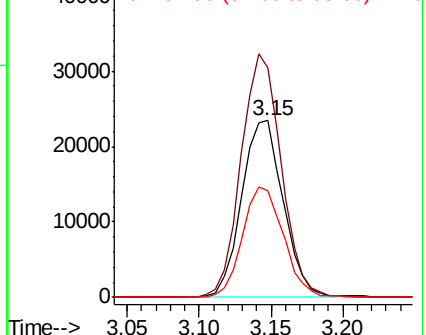


Abundance

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: 17.642 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Tgt Ion: 45 Resp: 145829

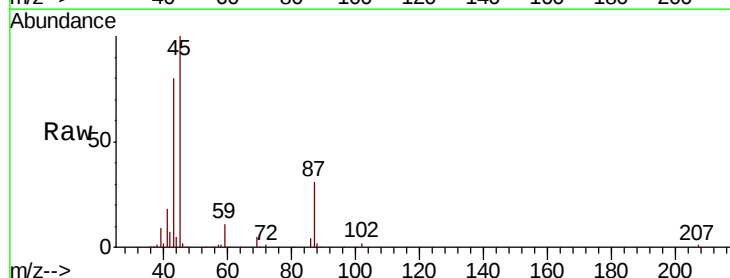
Ion Ratio Lower Upper

45 100

43 79.4 58.6 88.0

87 30.5 22.6 34.0

59 11.3 8.7 13.1



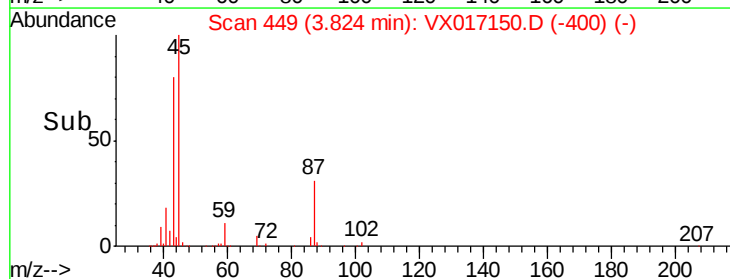
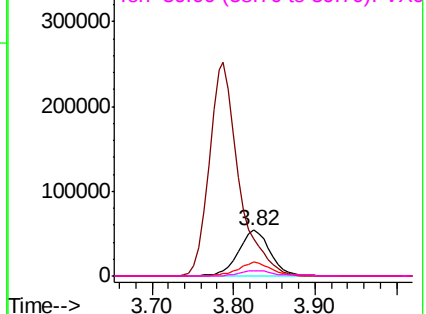
Abundance

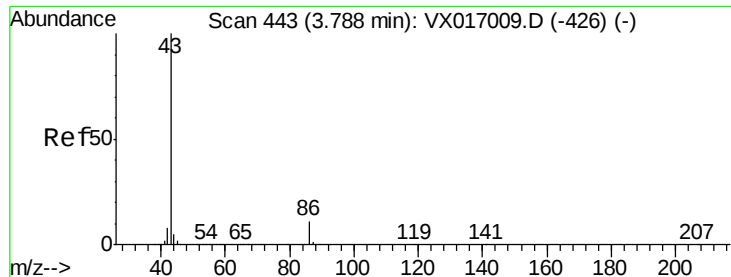
Ion 45.00 (44.70 to 45.70): VX0

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: 90.083 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

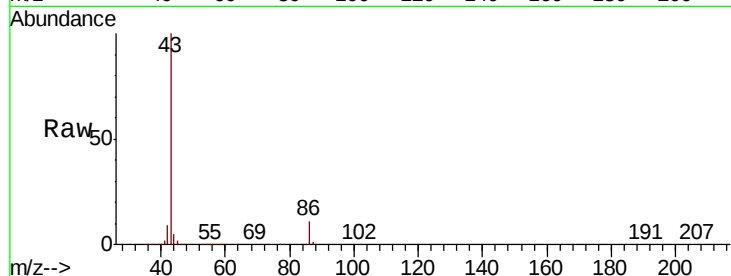
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 639879

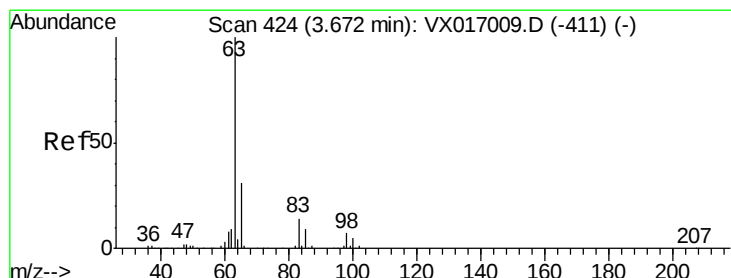
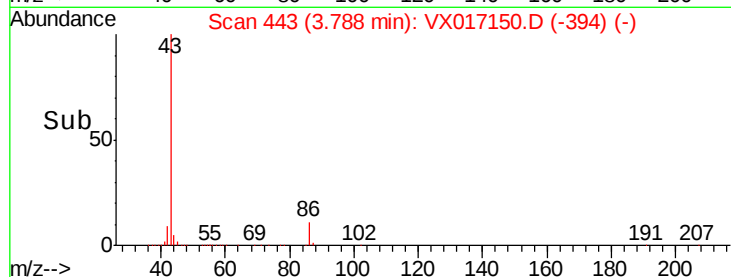
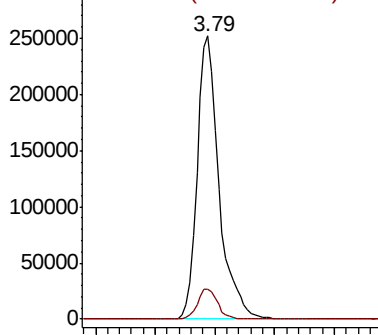
Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.339 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

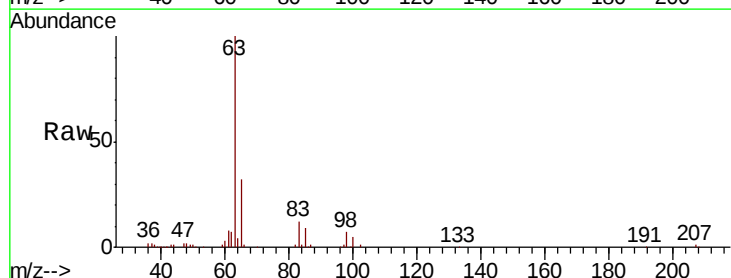
Tgt Ion: 63 Resp: 81553

Ion Ratio Lower Upper

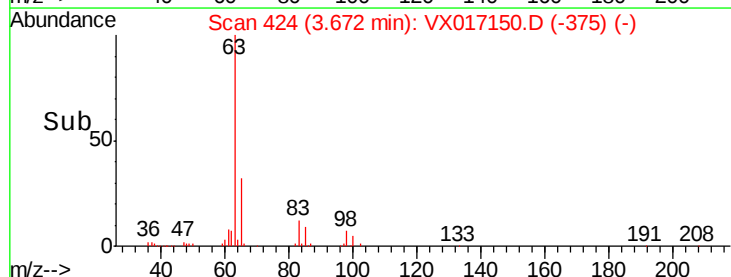
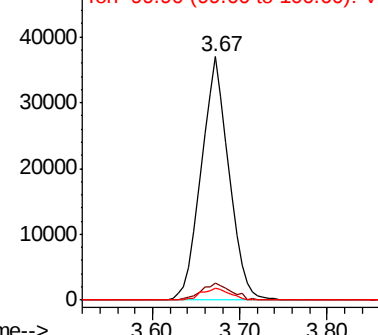
63 100

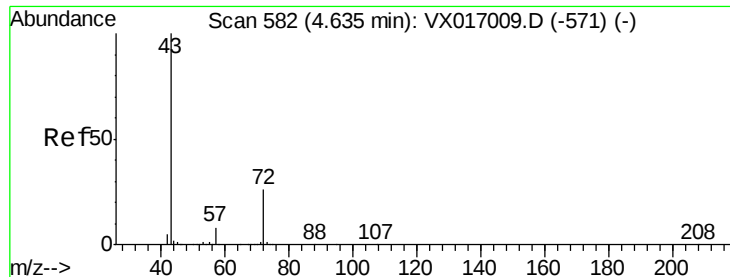
98 7.2 3.6 10.8

100 4.7 2.4 7.1



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

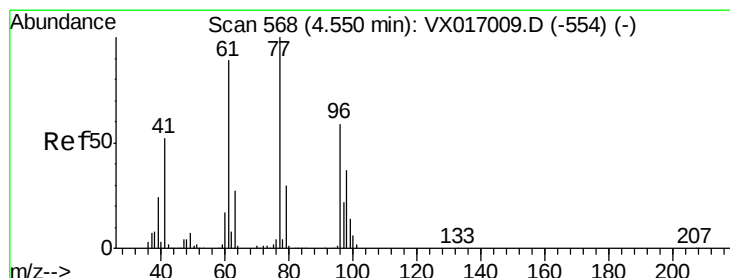
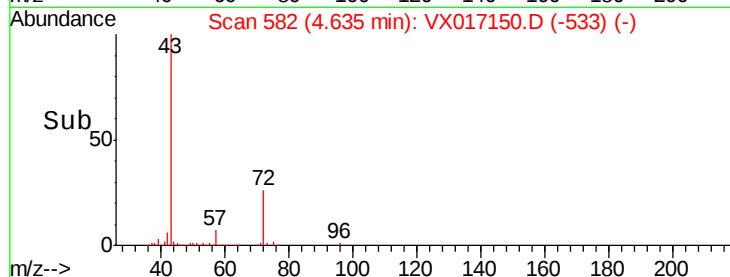
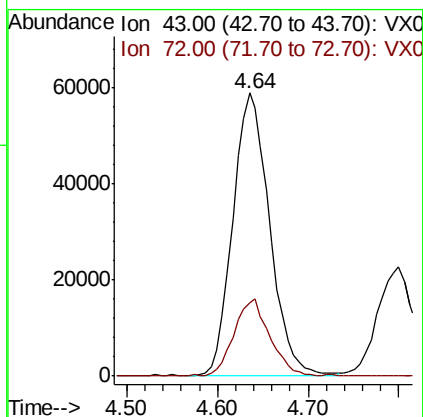
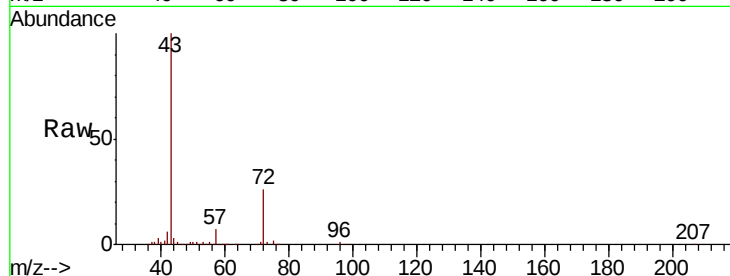




#25
2-Butanone
Concen: 87.643 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

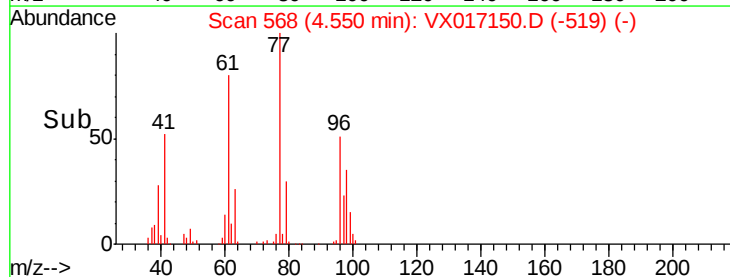
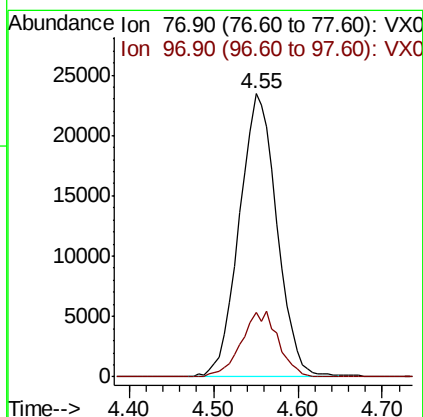
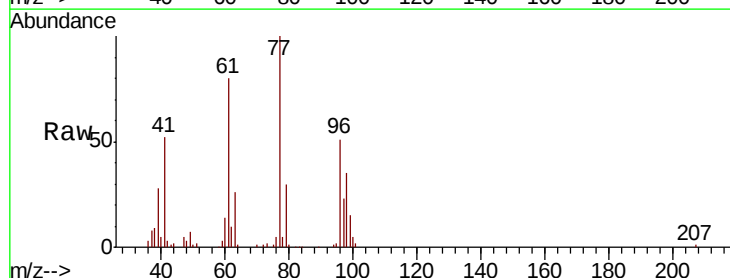
Instrument :
MSVOA_X
ClientSampleId :

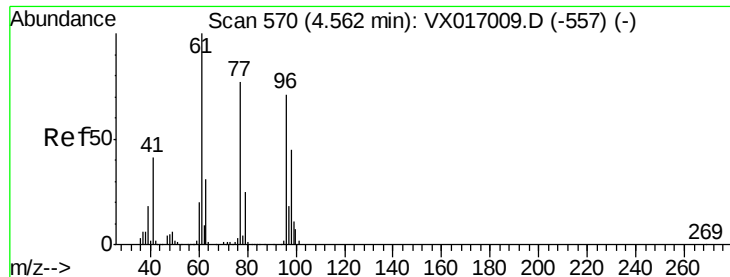
Tot Ion: 43 Resp: 164510
Ion Ratio Lower Upper
43 100
72 26.0 20.8 31.2



#26
2,2-Dichloropropane
Concen: 16.991 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 77 Resp: 70958
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2



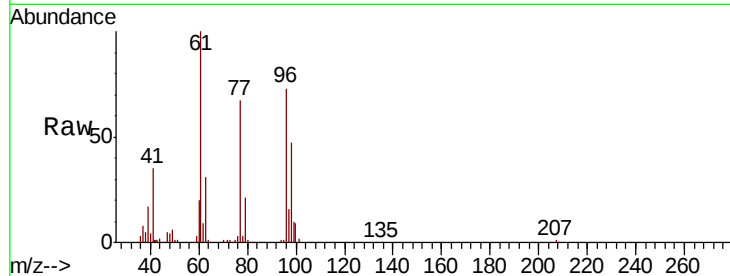


#27

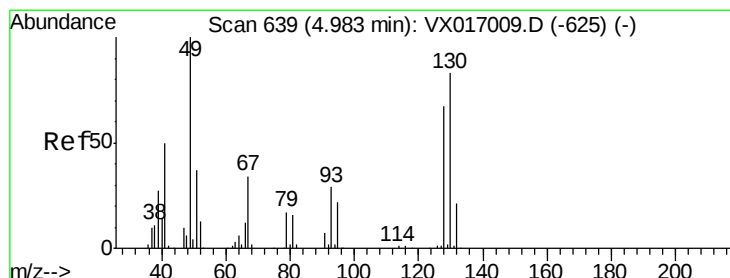
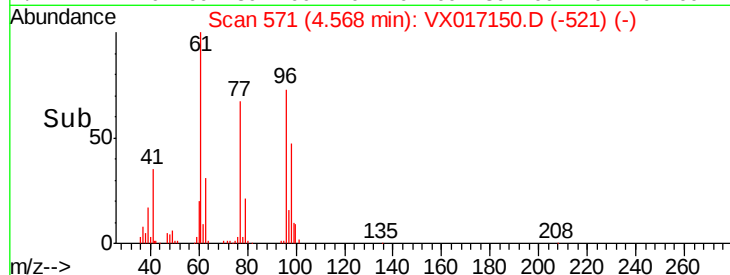
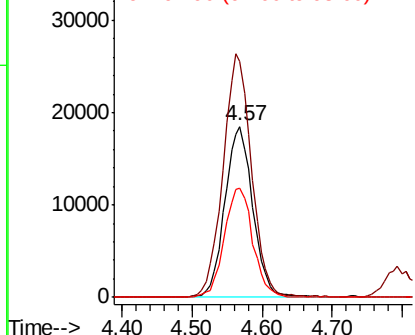
cis-1,2-Dichloroethene
Concen: 16.932 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 51451
Ion Ratio Lower Upper
96 100
61 144.3 0.0 282.8
98 65.2 0.0 127.6



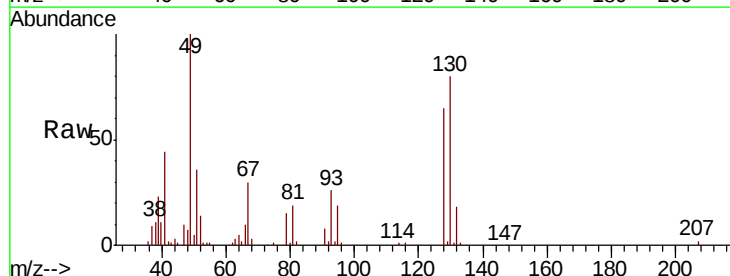
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



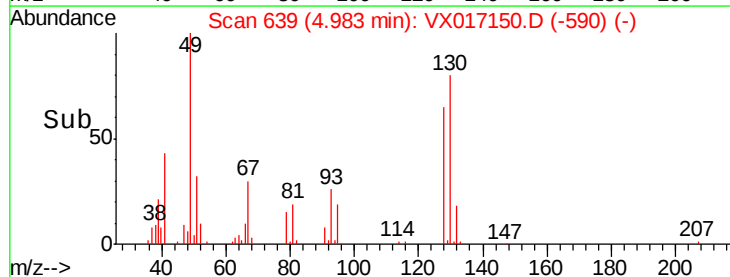
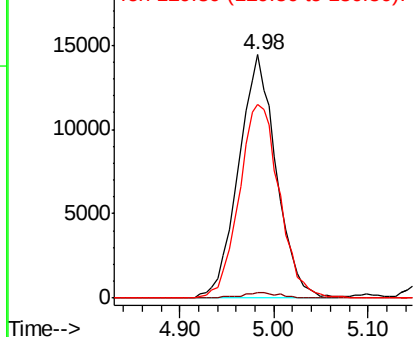
#28

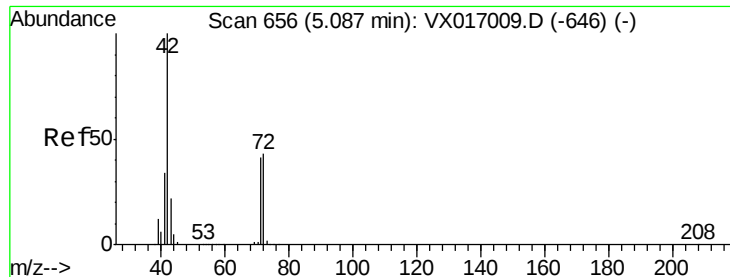
Bromochloromethane
Concen: 17.653 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 49 Resp: 40403
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 85.0 66.6 100.0



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

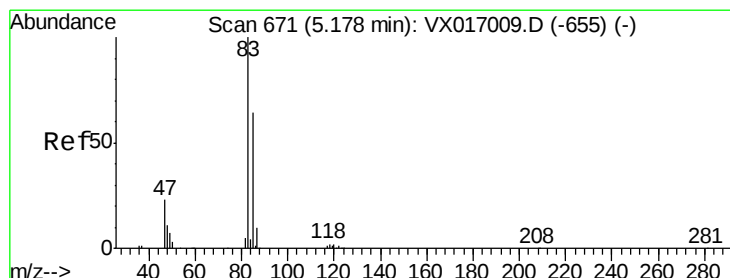
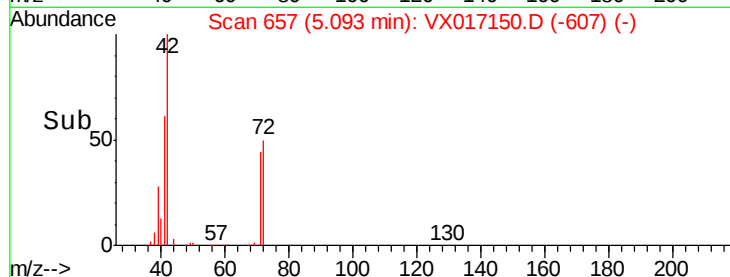
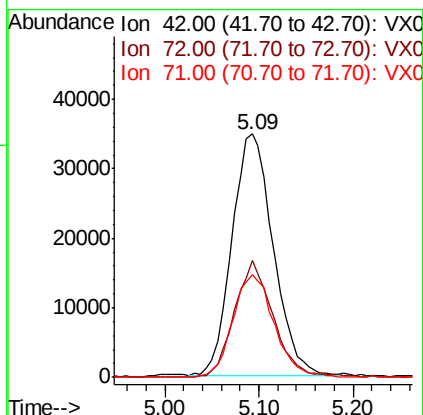
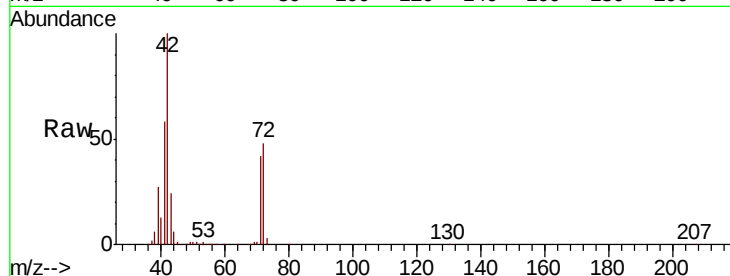




#29
Tetrahydrofuran
Concen: 85.463 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

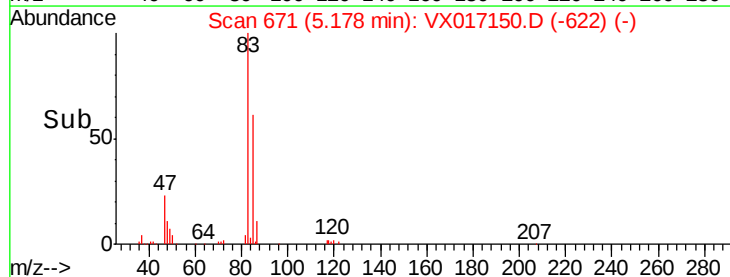
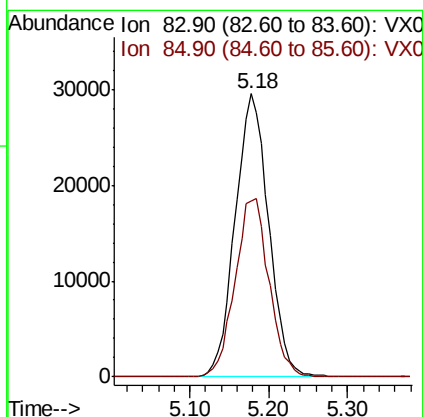
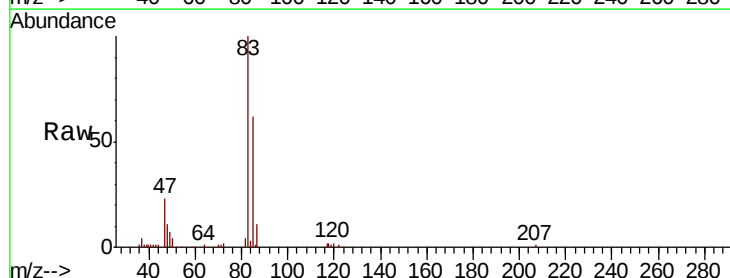
Instrument :
MSVOA_X
ClientSampleId :

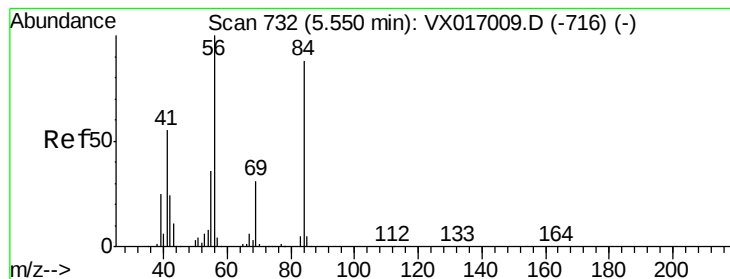
Tot Ion: 42 Resp: 105991
Ion Ratio Lower Upper
42 100
72 45.0 35.3 52.9
71 42.7 33.1 49.7



#30
Chloroform
Concen: 18.021 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 83 Resp: 86888
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.2





#31

Cyclohexane

Concen: 16.356 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

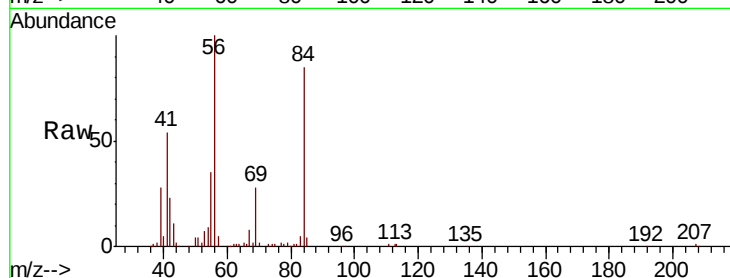
Tot Ion: 56 Resp: 66497

Ion Ratio Lower Upper

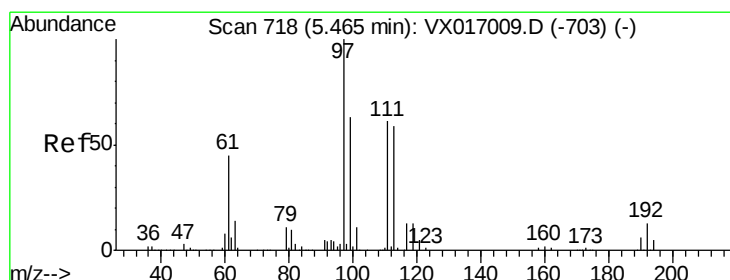
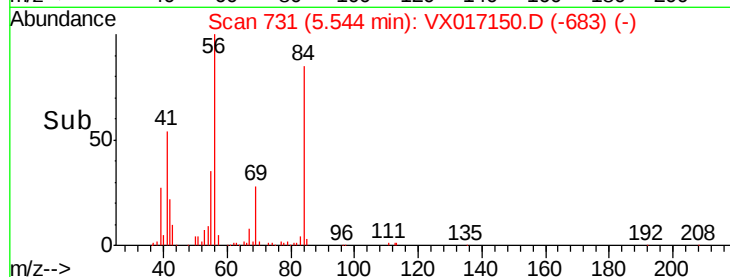
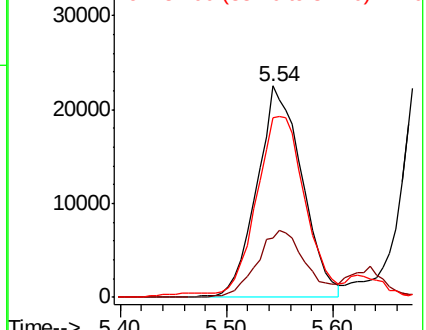
56 100

69 28.3 25.0 37.4

84 82.9 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 18.085 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

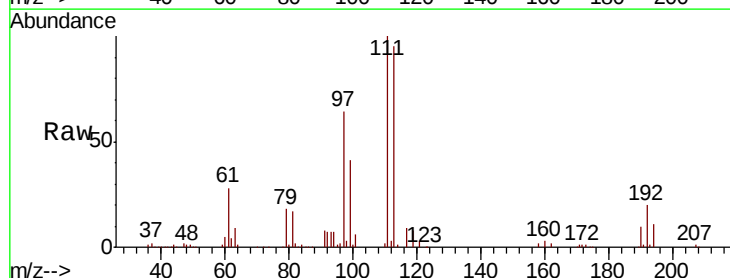
Tgt Ion: 97 Resp: 80305

Ion Ratio Lower Upper

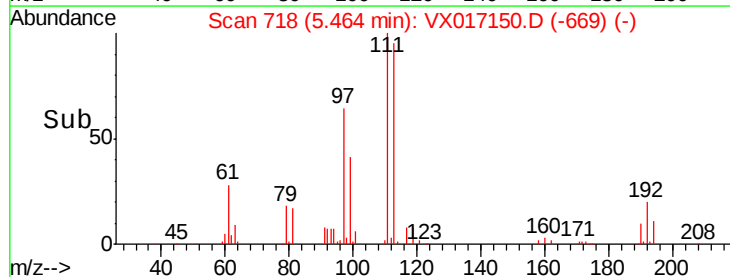
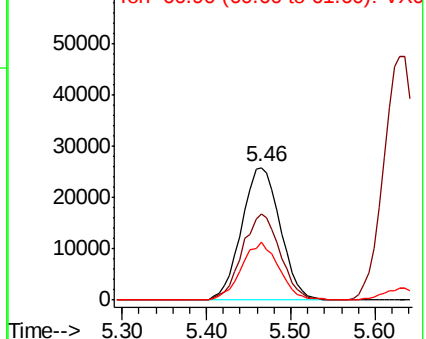
97 100

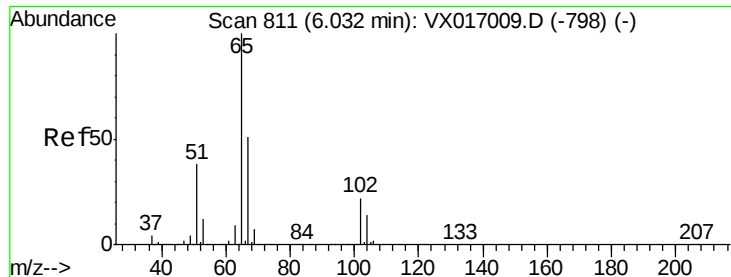
99 63.7 50.8 76.2

61 42.5 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 46.683 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

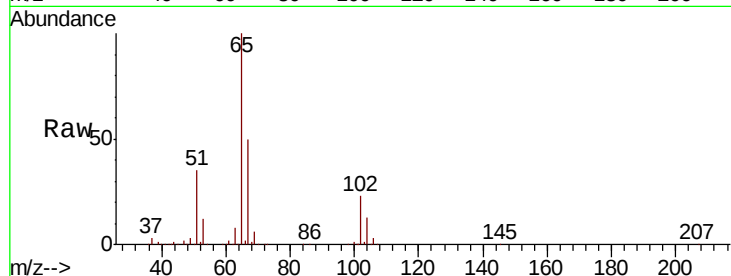
ClientSampleId :

Tot Ion: 65 Resp: 140576

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

30000

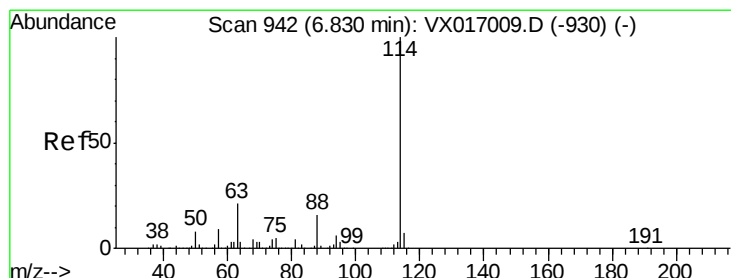
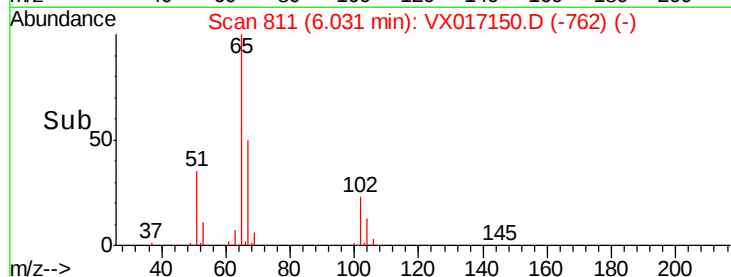
20000

10000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

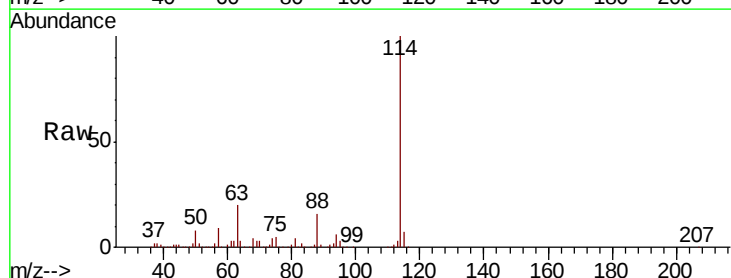
Tgt Ion: 114 Resp: 373400

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 16.4 0.0 32.4



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

200000

150000

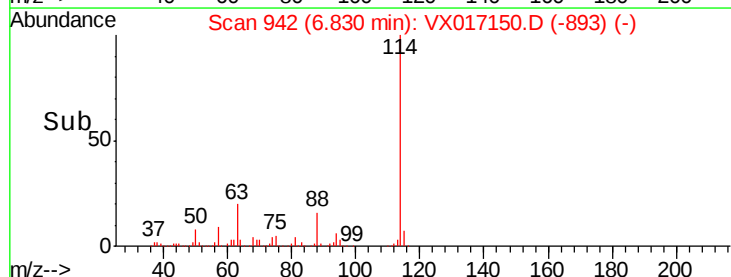
100000

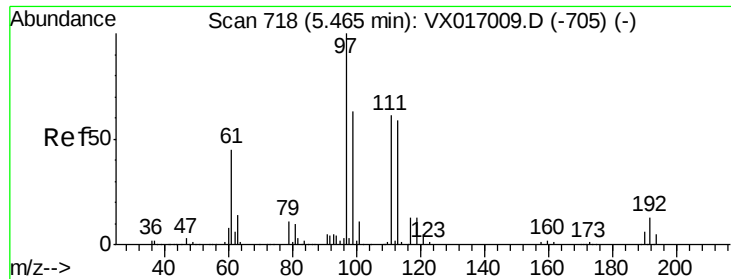
50000

0

Time-->

6.70 6.80 6.90 7.00

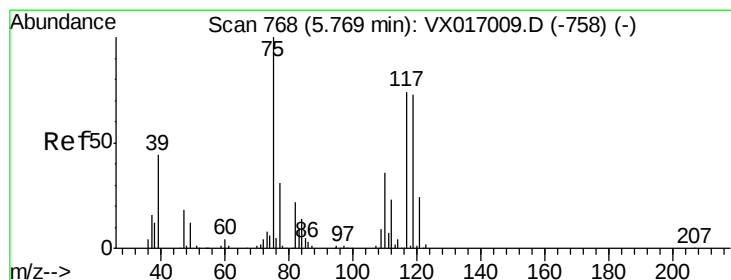
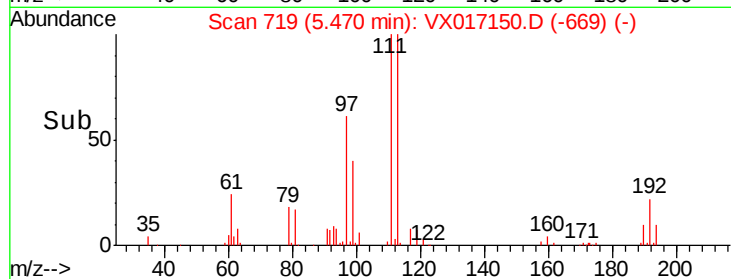
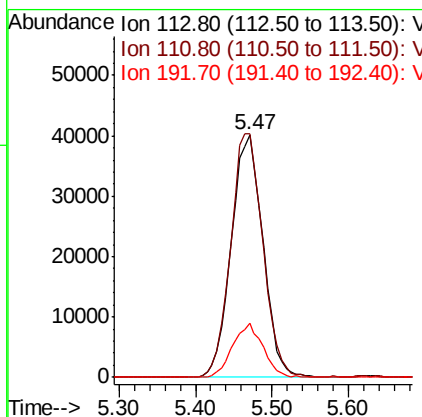
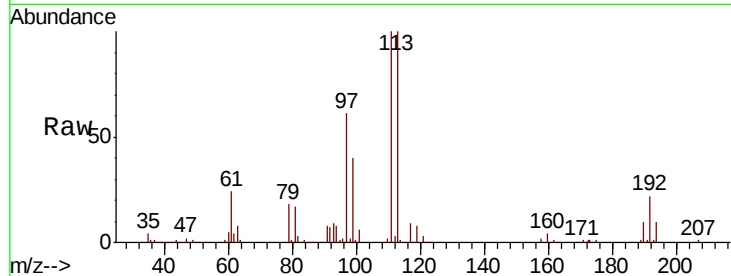




#35
 Dibromofluoromethane
 Concen: 48.749 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

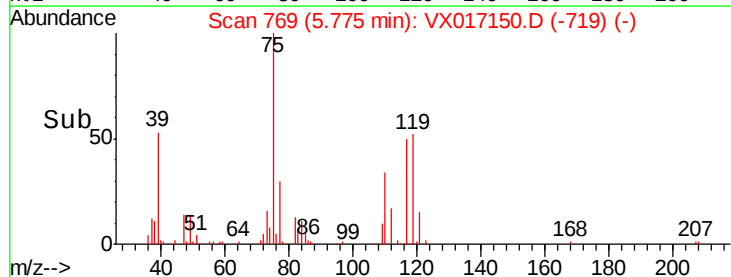
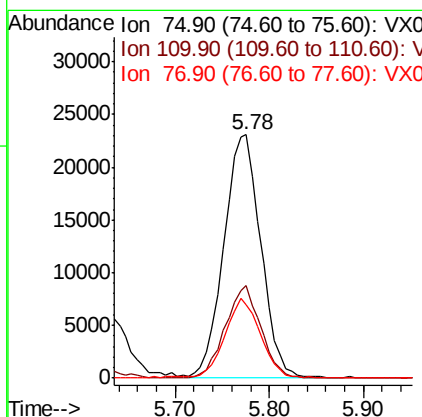
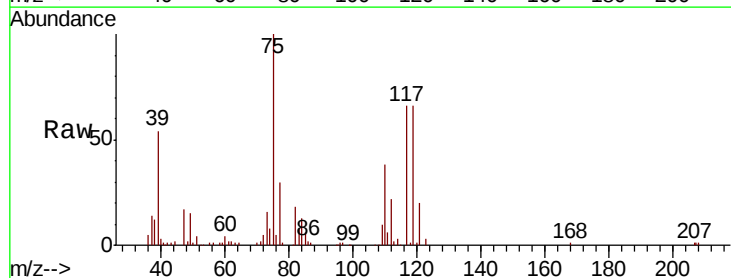
Instrument :
 MSVOA_X
 ClientSampled :

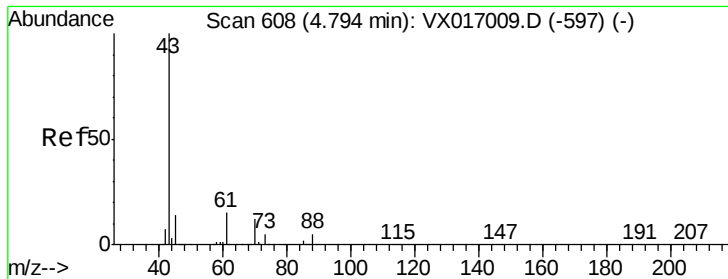
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	21.4	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 17.870 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.1
77	31.8	24.6	37.0

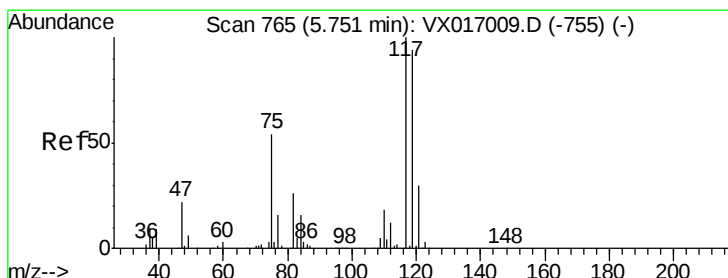
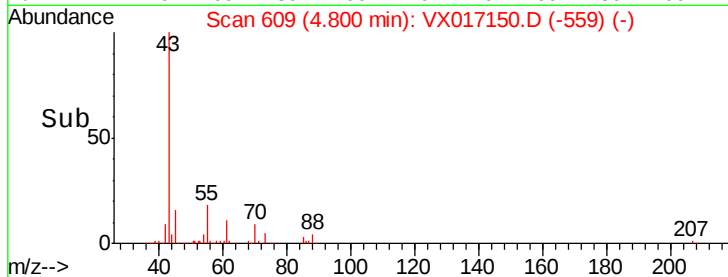
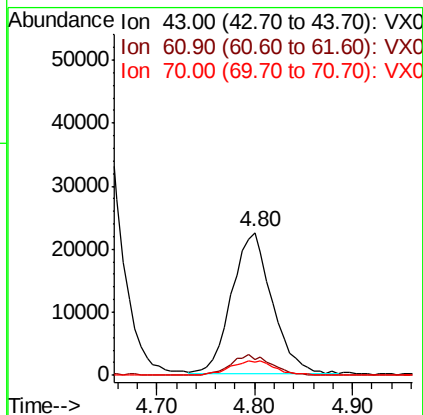
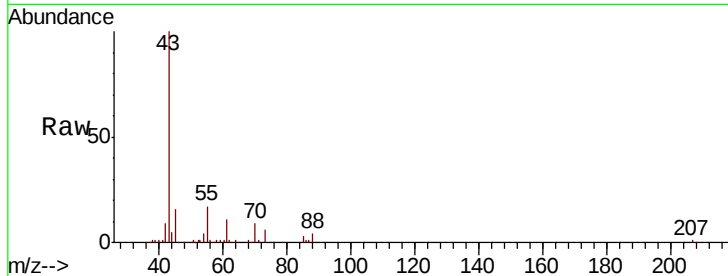




#37
Ethyl Acetate
Concen: 17.940 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

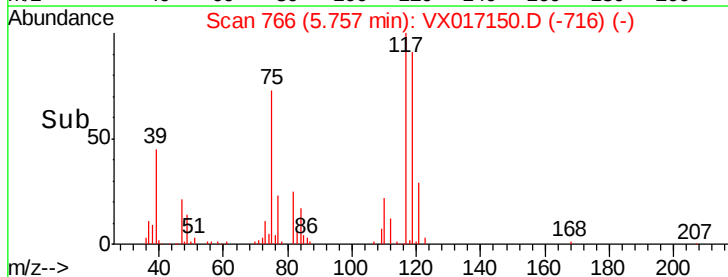
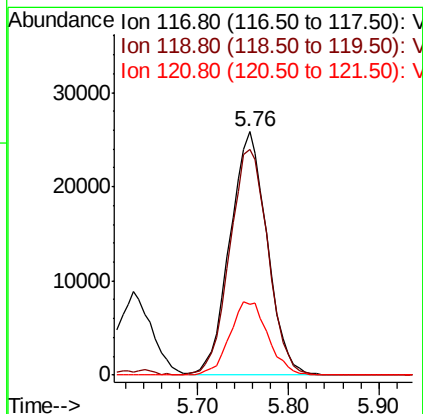
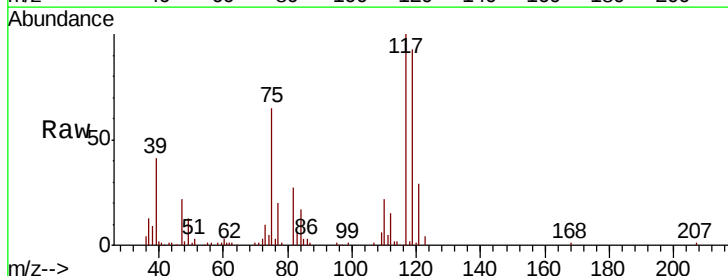
Instrument :
MSVOA_X
ClientSampled :

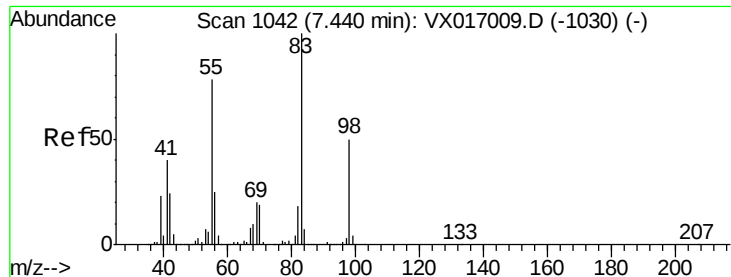
Tot Ion: 43 Resp: 64237
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 18.935 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 117 Resp: 73599
Ion Ratio Lower Upper
117 100
119 92.6 75.4 113.0
121 29.3 23.8 35.6

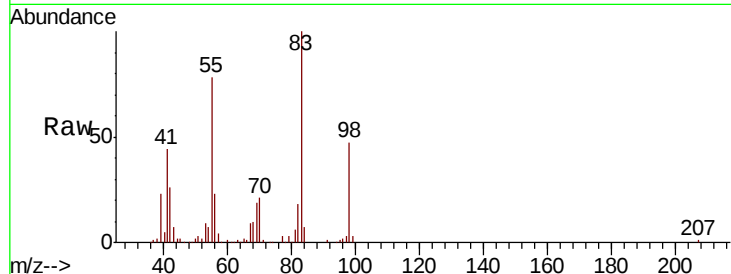




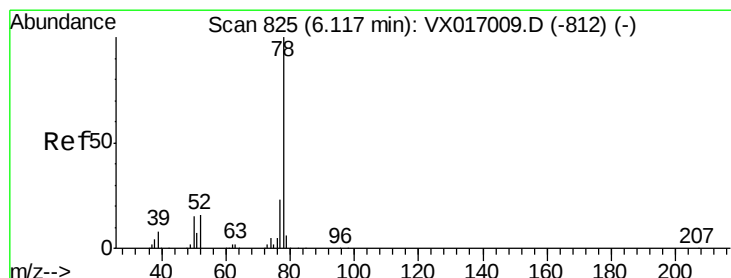
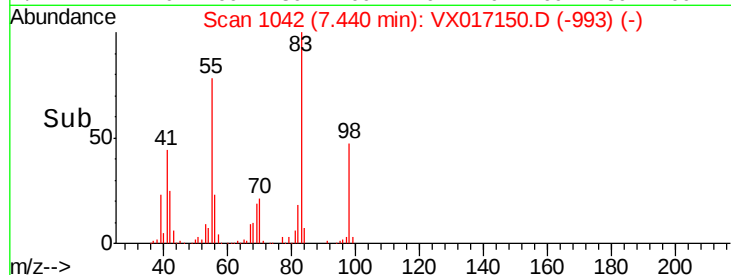
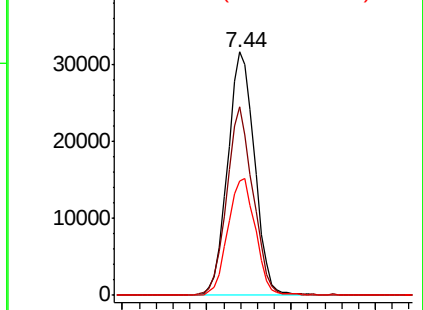
#39
Methvlcvclohexane
Concen: 17.471 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 68600
Ion Ratio Lower Upper
83 100
55 77.5 62.5 93.7
98 46.7 40.1 60.1

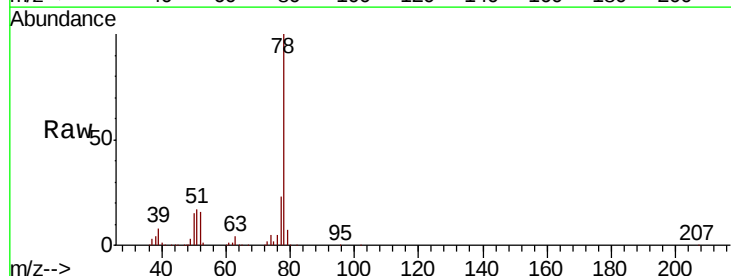


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

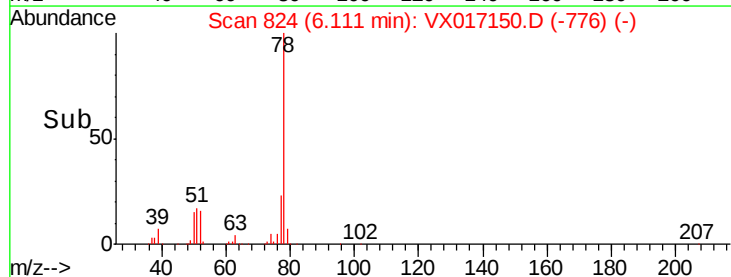
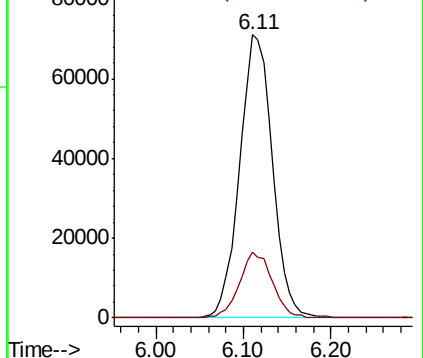


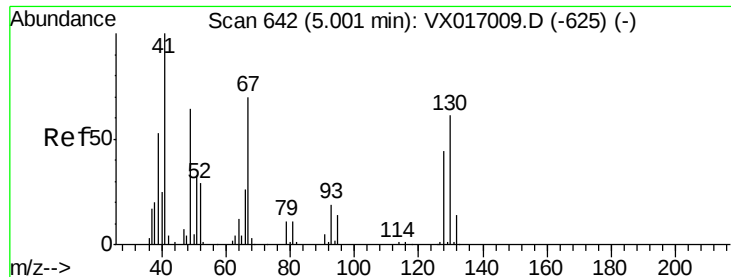
#40
Benzene
Concen: 17.835 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 78 Resp: 184934
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5



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





#41

Methacrylonitrile

Concen: 18.136 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 36548

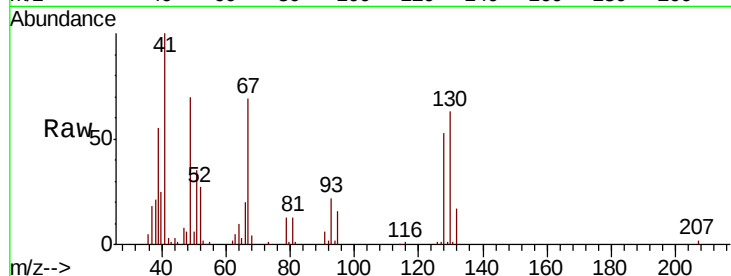
Ion Ratio Lower Upper

41 100

39 55.0 44.4 66.6

67 71.2 57.1 85.7

52 31.3 23.2 34.8

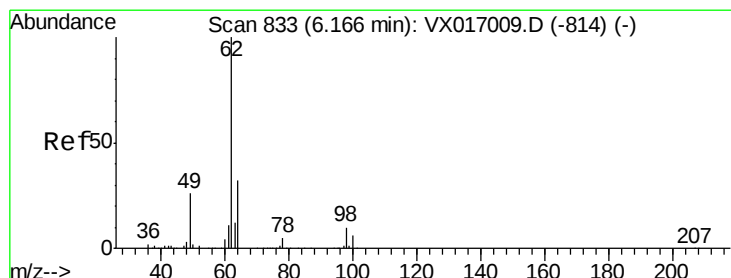
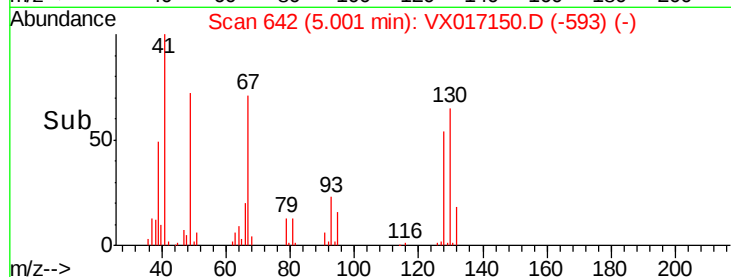
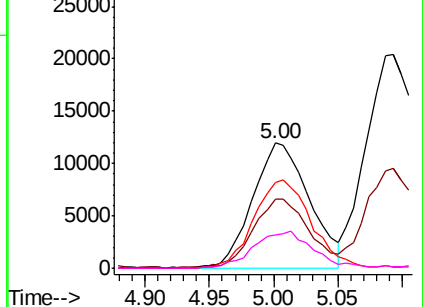


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.564 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017150.D

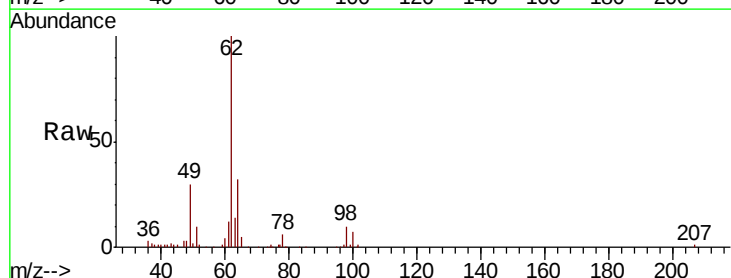
Acq: 02 Jul 2020 15:54

Tgt Ion: 62 Resp: 69529

Ion Ratio Lower Upper

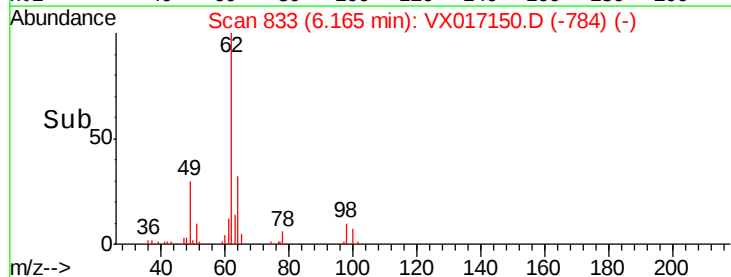
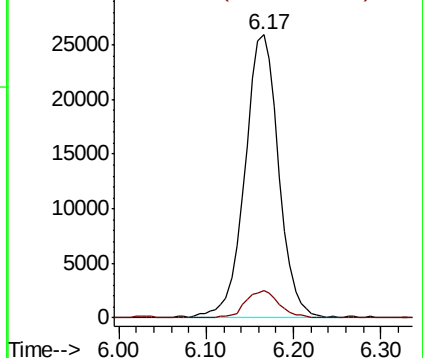
62 100

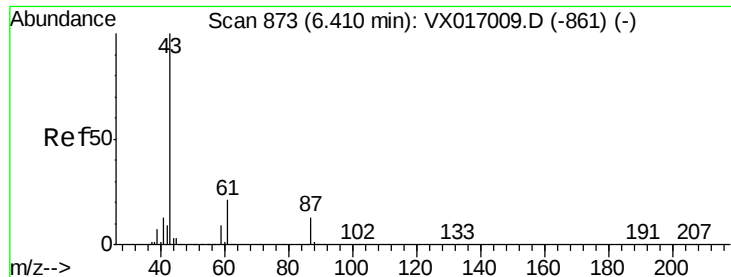
98 9.5 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.744 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampled :

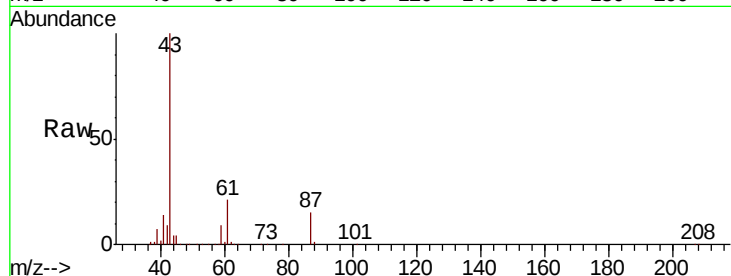
Tot Ion: 43 Resp: 105574

Ion Ratio Lower Upper

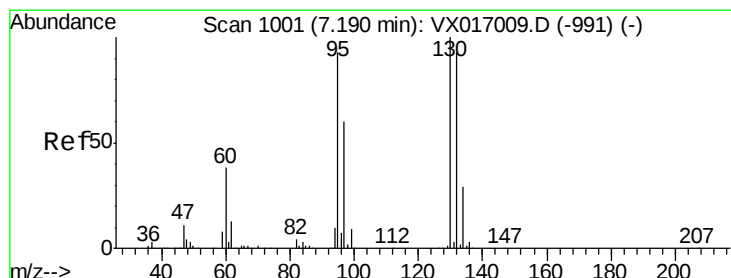
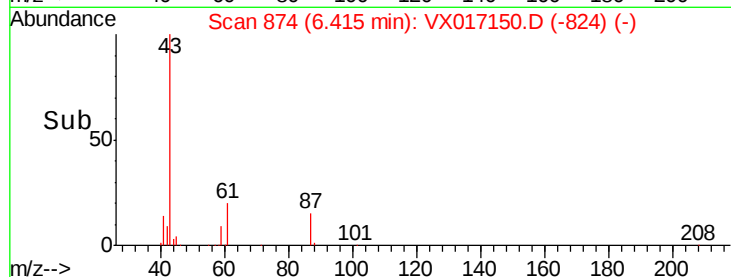
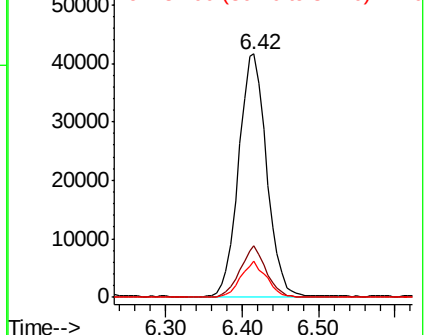
43 100

61 19.6 16.2 24.2

87 13.8 10.7 16.1



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



#44

Trichloroethene

Concen: 18.762 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017150.D

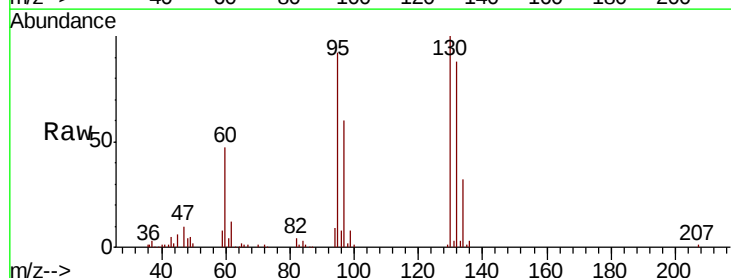
Acq: 02 Jul 2020 15:54

Tgt Ion: 130 Resp: 54238

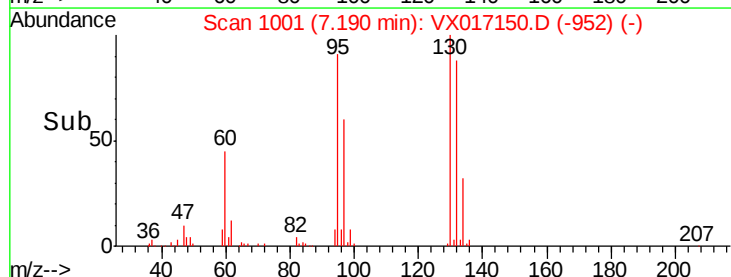
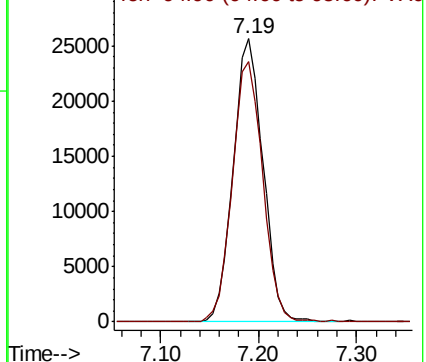
Ion Ratio Lower Upper

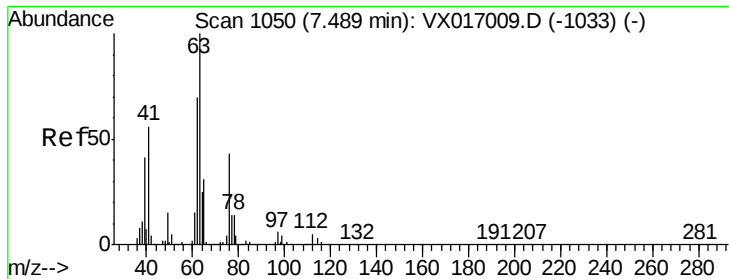
130 100

95 91.8 0.0 185.0



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





#45

1,2-Dichloropropane

Concen: 17.509 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

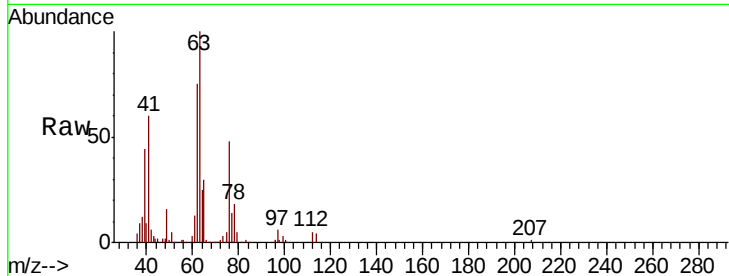
ClientSampled :

Tot Ion: 63 Resp: 46629

Ion Ratio Lower Upper

63 100

65 30.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

25000

20000

15000

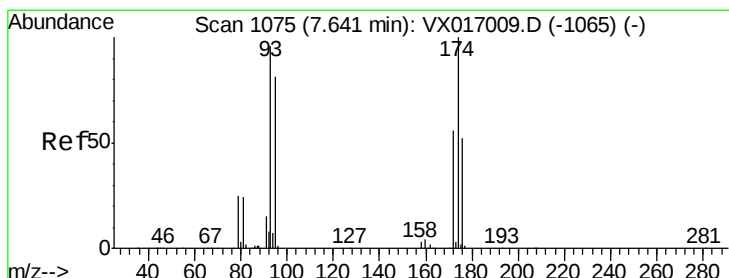
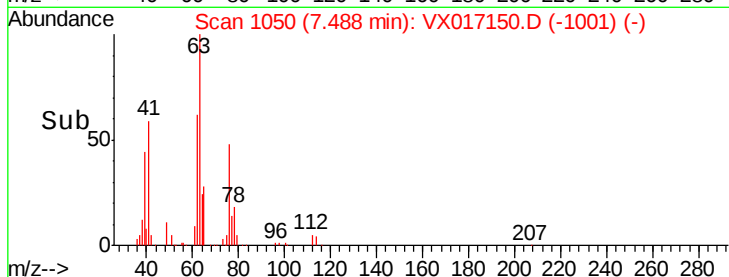
10000

5000

0

Time-->

7.40 7.45 7.50 7.55 7.60



#46

Dibromomethane

Concen: 18.461 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

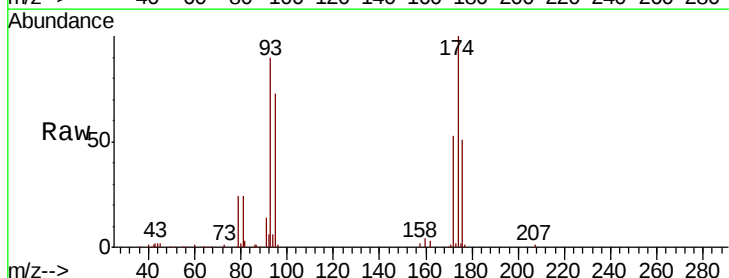
Tgt Ion: 93 Resp: 33566

Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.0

174 112.2 84.3 126.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

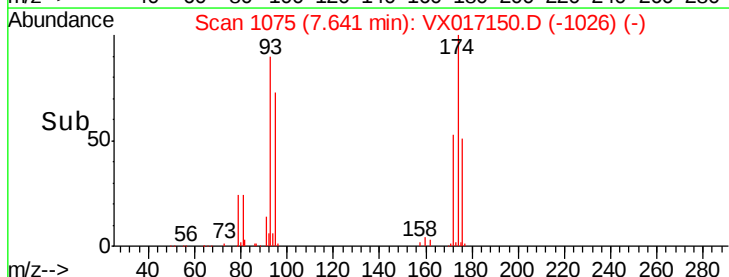
10000

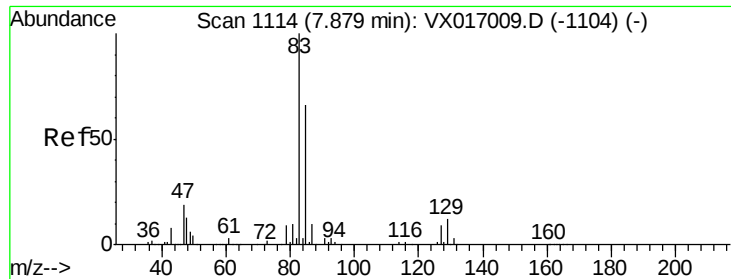
5000

0

Time-->

7.55 7.60 7.65 7.70





#47

Bromodichloromethane

Concen: 18.604 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

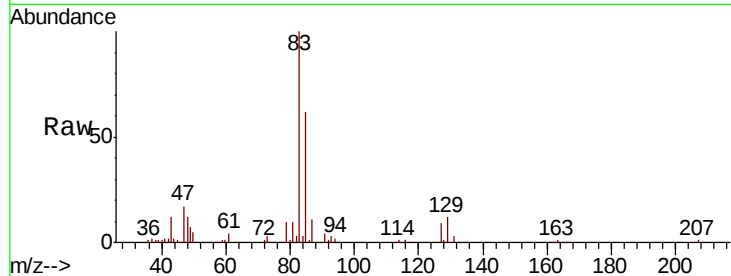
Tot Ion: 83 Resp: 69710

Ion Ratio Lower Upper

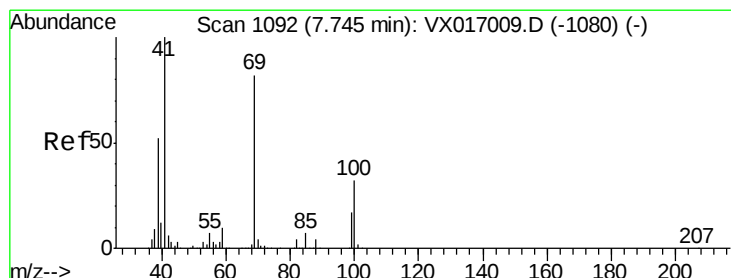
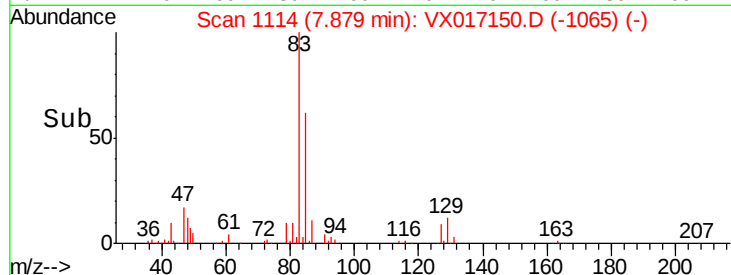
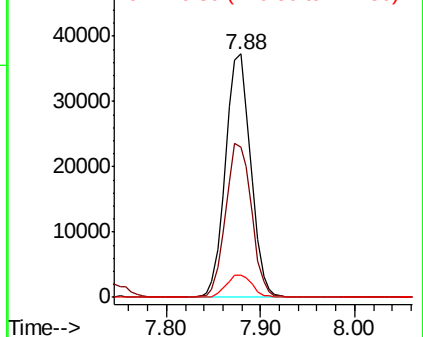
83 100

85 61.6 53.0 79.4

127 9.2 7.5 11.3



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



#48

Methyl methacrylate

Concen: 17.933 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

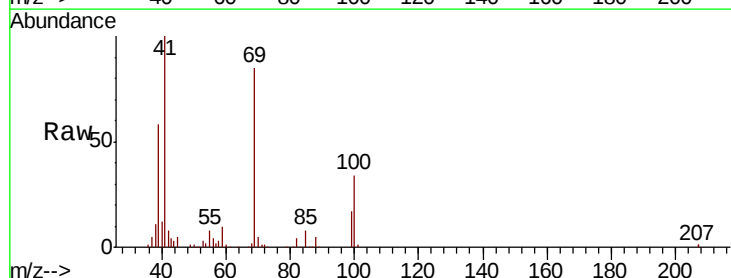
Tgt Ion: 41 Resp: 50694

Ion Ratio Lower Upper

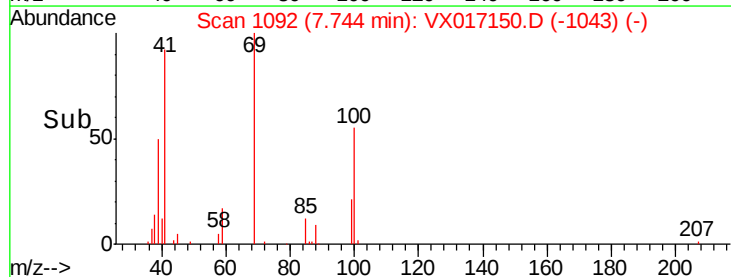
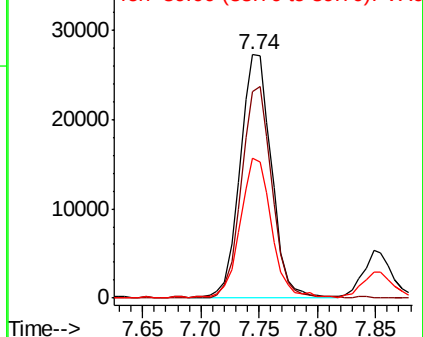
41 100

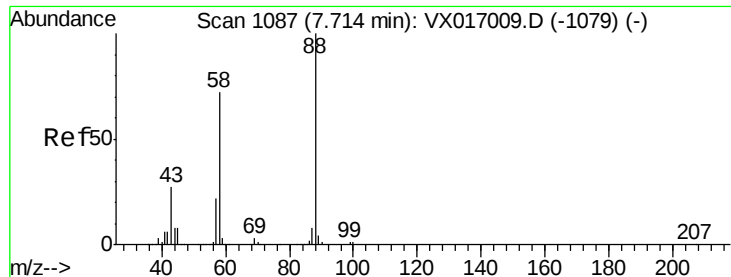
69 85.5 65.8 98.8

39 57.1 42.5 63.7



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





#49

1,4-Dioxane

Concen: 306.852 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

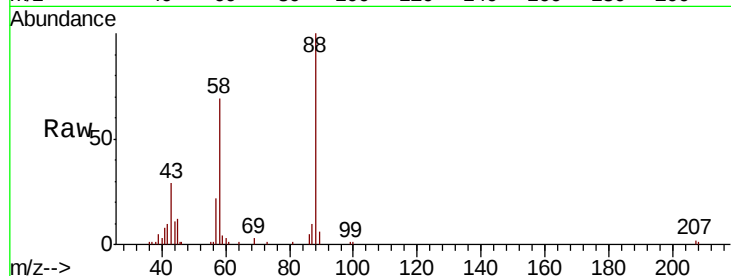
Tot Ion: 88 Resp: 19651

Ion Ratio Lower Upper

88 100

43 34.6 25.8 38.8

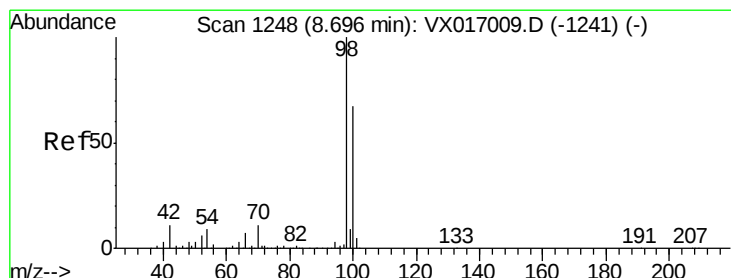
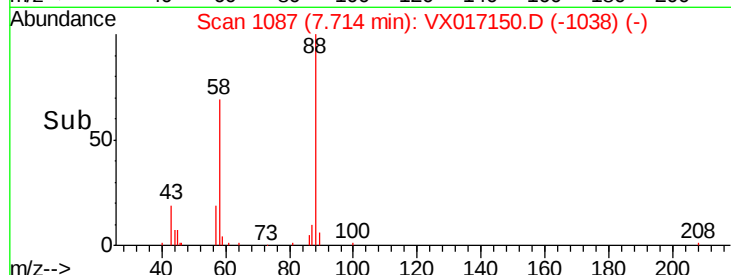
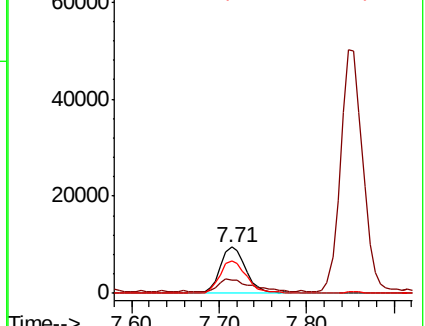
58 72.3 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.489 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017150.D

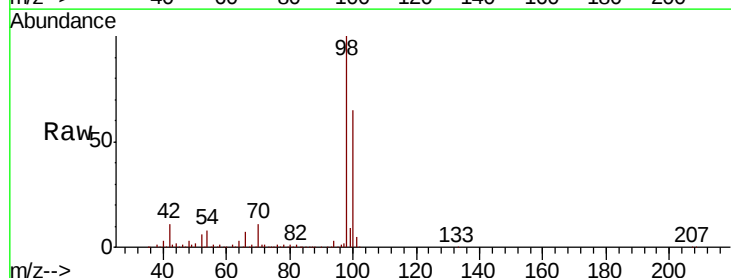
Acq: 02 Jul 2020 15:54

Tgt Ion: 98 Resp: 414781

Ion Ratio Lower Upper

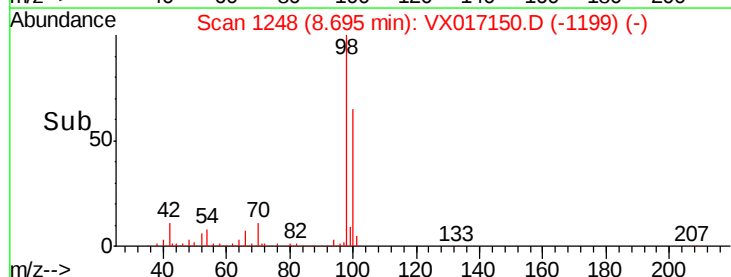
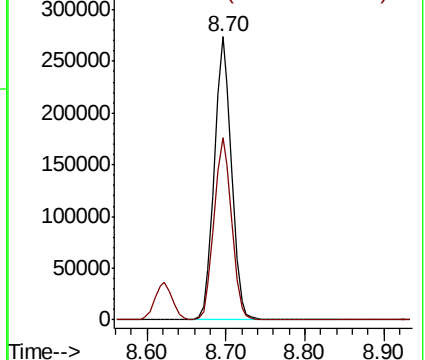
98 100

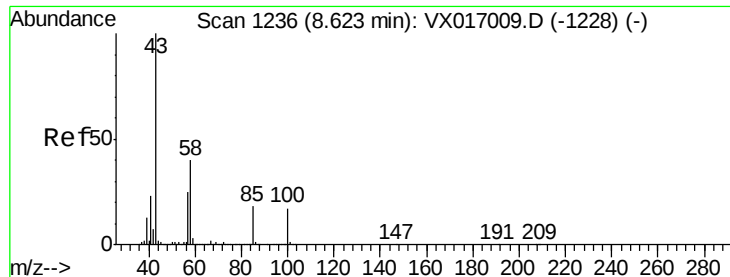
100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

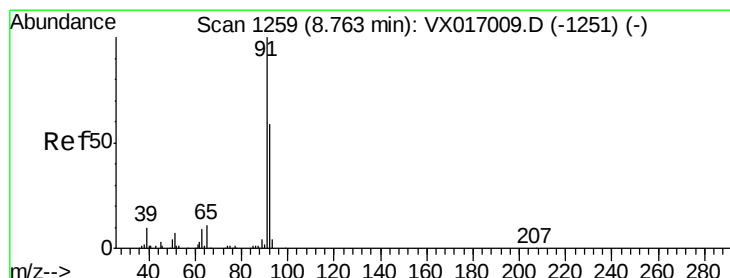
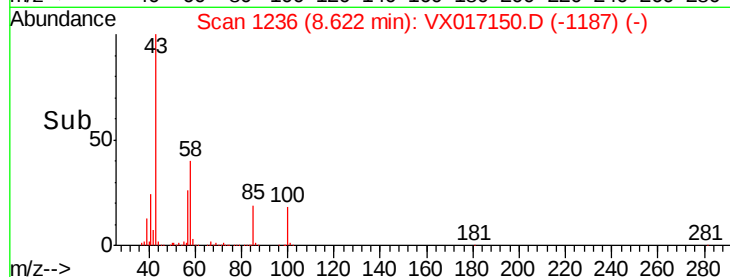
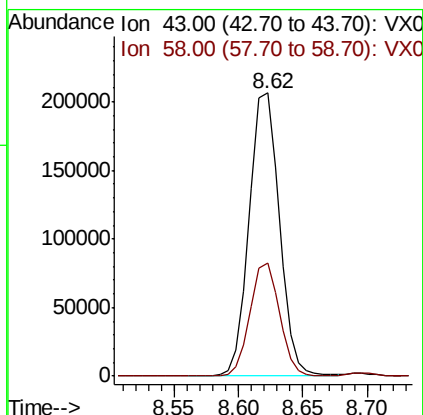
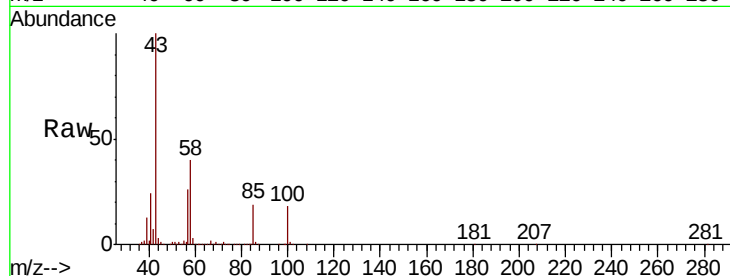




#51
 4-Methyl-2-Pentanone
 Concen: 93.811 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

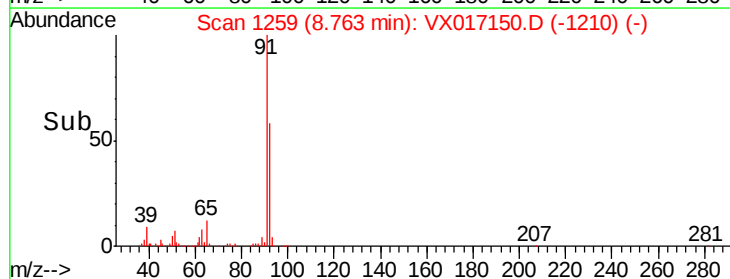
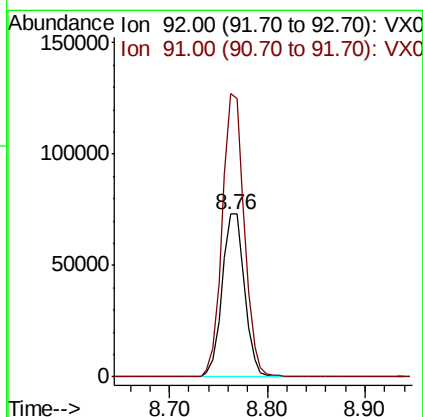
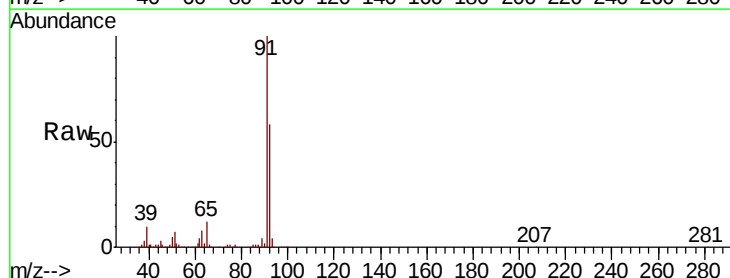
Instrument :
 MSVOA_X
 ClientSampleId :

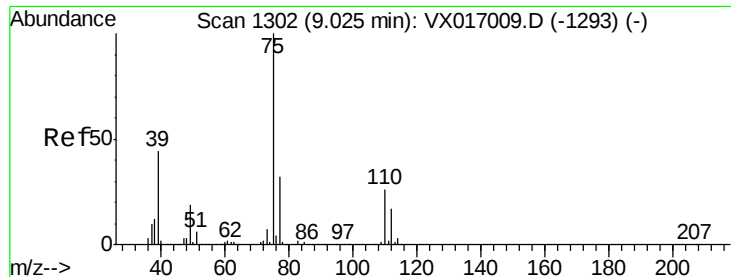
Tot Ion: 43 Resp: 332725
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.9 47.9



#52
 Toluene
 Concen: 18.067 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Tgt Ion: 92 Resp: 116961
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.196 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

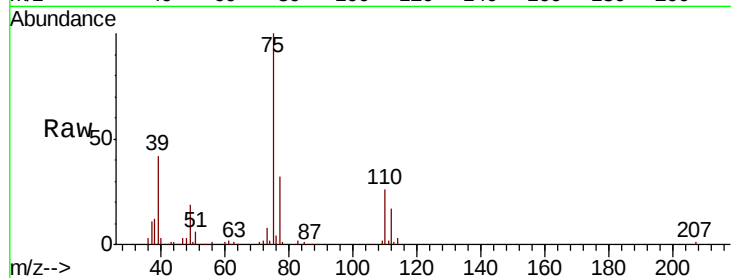
ClientSampleId :

Tot Ion: 75 Resp: 75227

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

60000

50000

40000

30000

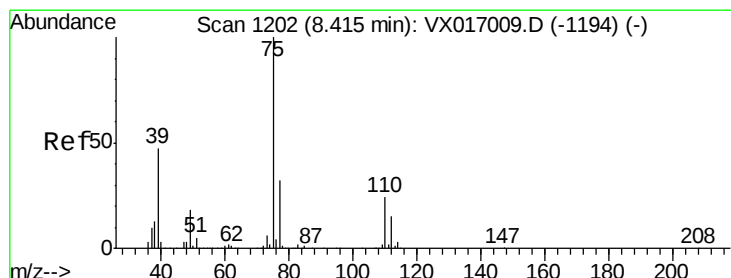
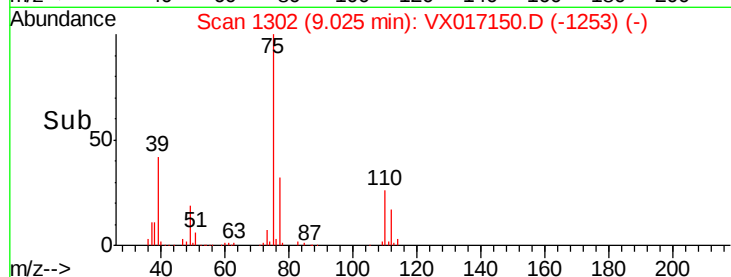
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.844 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

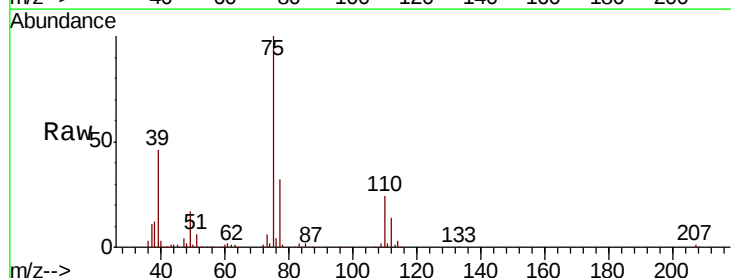
Tgt Ion: 75 Resp: 79081

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 46.3 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

60000

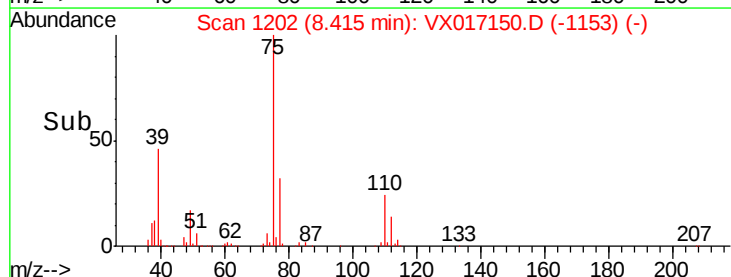
40000

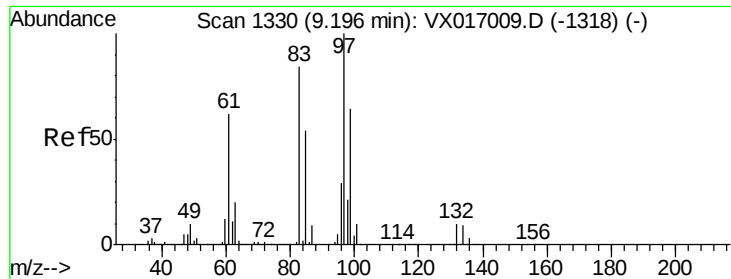
20000

0

8.35 8.40 8.45 8.50

Time-->

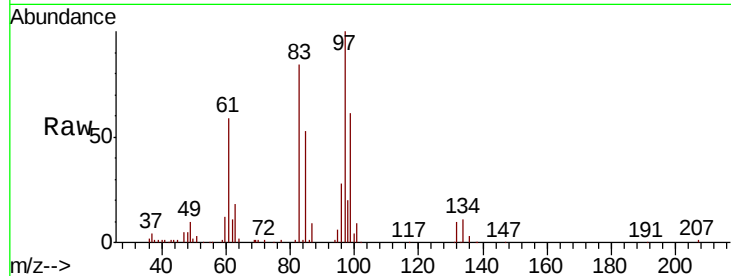




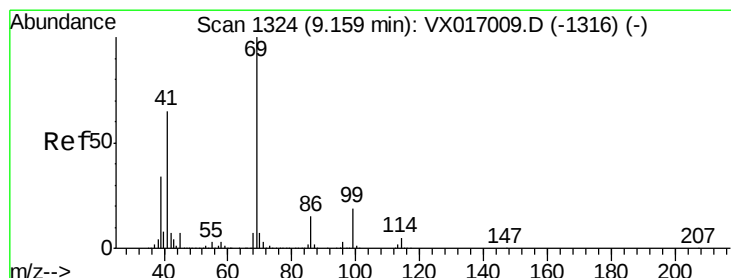
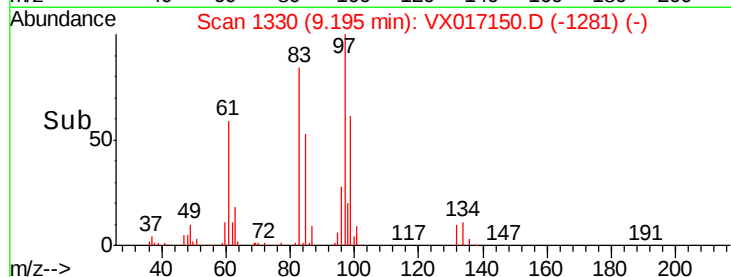
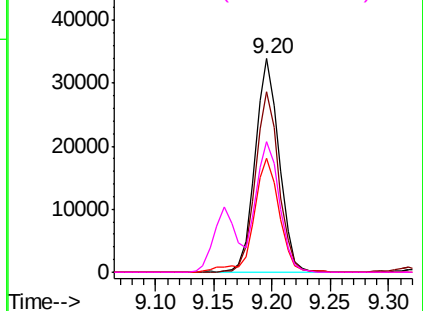
#55
 1,1,2-Trichloroethane
 Concen: 18.526 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 49003
 Ion Ratio Lower Upper
 97 100
 83 84.4 67.0 100.6
 85 53.3 43.5 65.3
 99 61.0 51.0 76.6

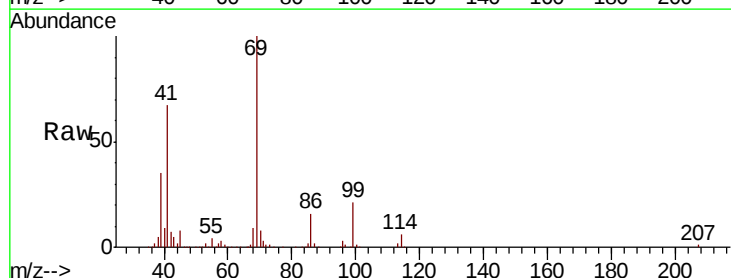


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

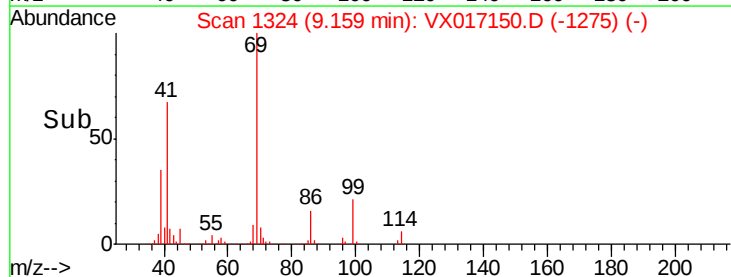
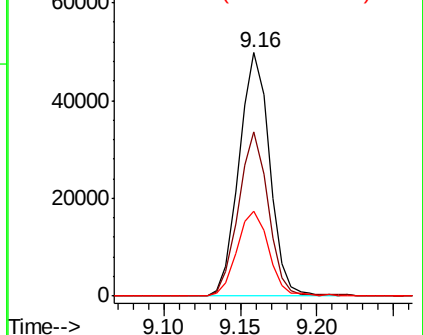


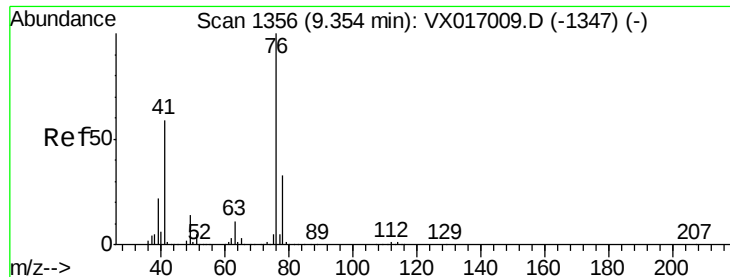
#56
 Ethyl methacrylate
 Concen: 18.381 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Tgt Ion: 69 Resp: 69201
 Ion Ratio Lower Upper
 69 100
 41 65.2 53.6 80.4
 39 35.5 28.2 42.2



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: 17.977 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

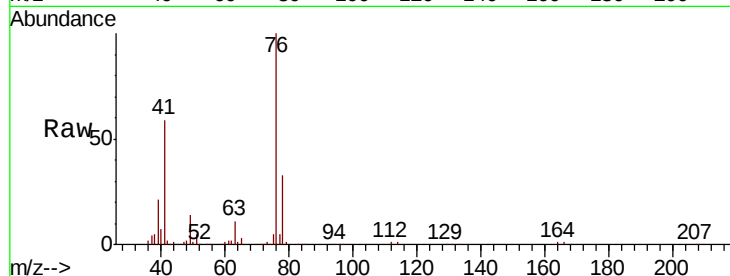
ClientSampleId :

Tot Ion: 76 Resp: 80460

Ion Ratio Lower Upper

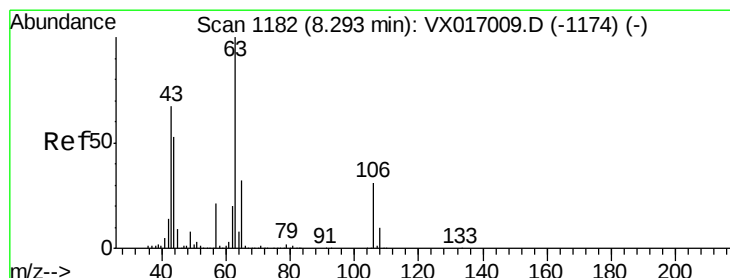
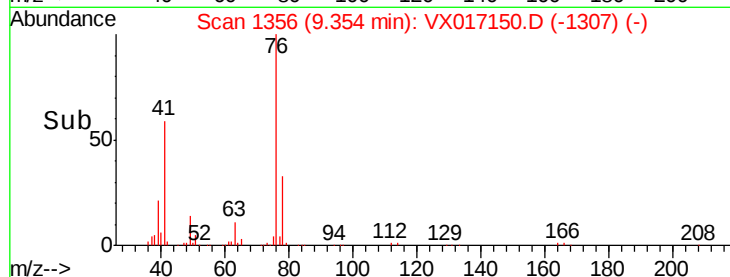
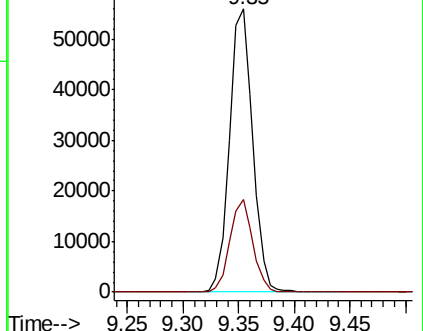
76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.070 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017150.D

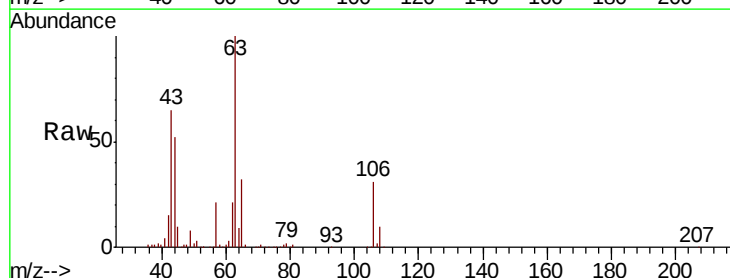
Acq: 02 Jul 2020 15:54

Tgt Ion: 63 Resp: 185625

Ion Ratio Lower Upper

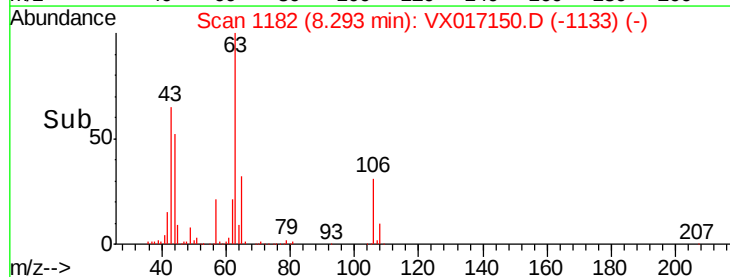
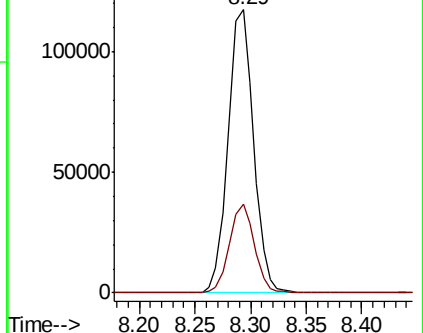
63 100

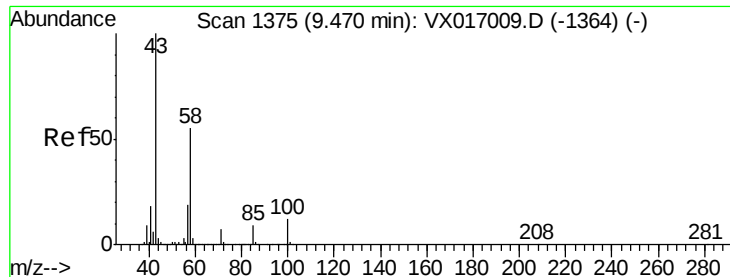
106 30.9 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

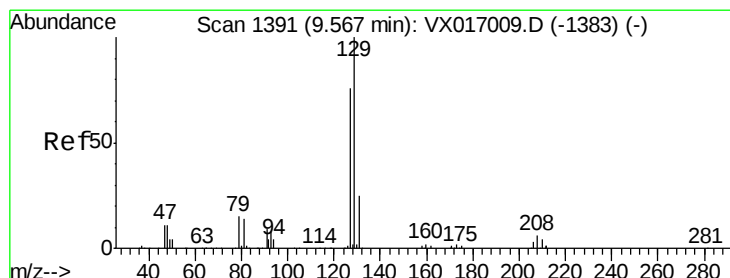
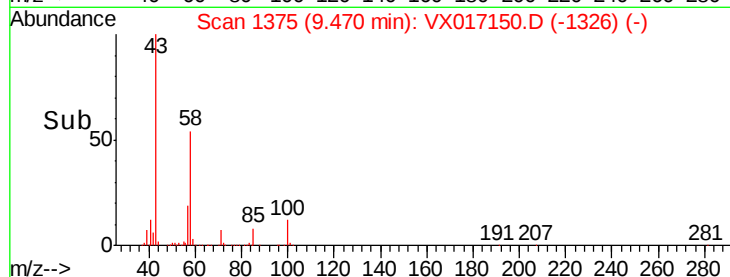
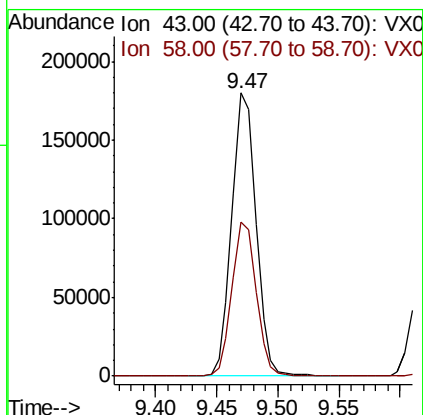
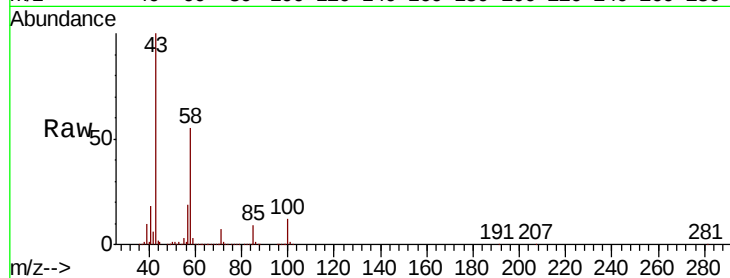




#59
2-Hexanone
Concen: 95.278 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

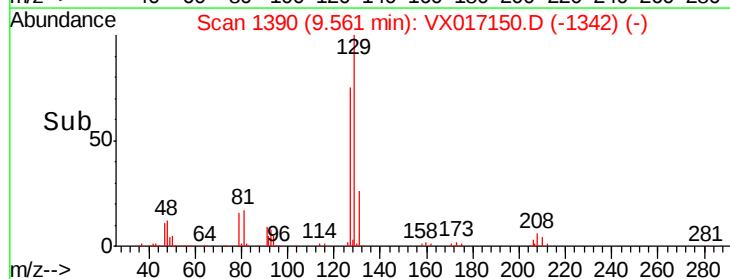
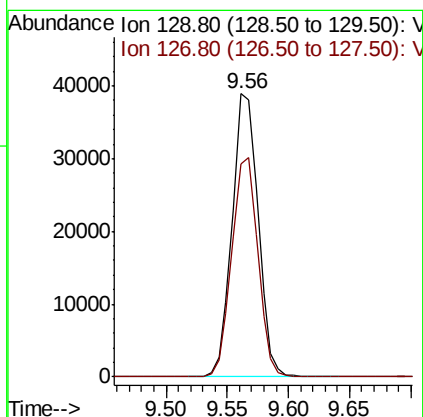
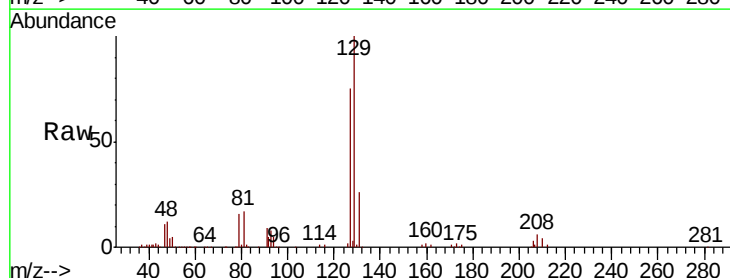
Instrument :
MSVOA_X
ClientSampleId :

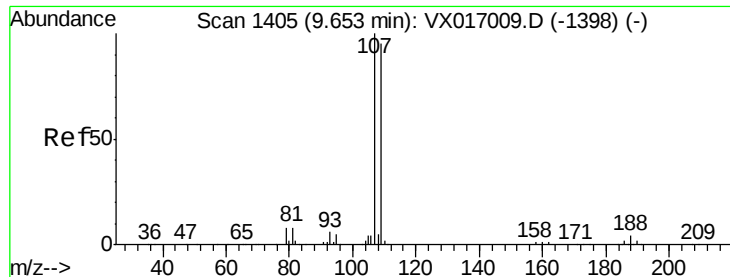
Tot Ion: 43 Resp: 246803
Ion Ratio Lower Upper
43 100
58 54.7 27.9 83.6



#60
Dibromochloromethane
Concen: 18.583 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 129 Resp: 57088
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

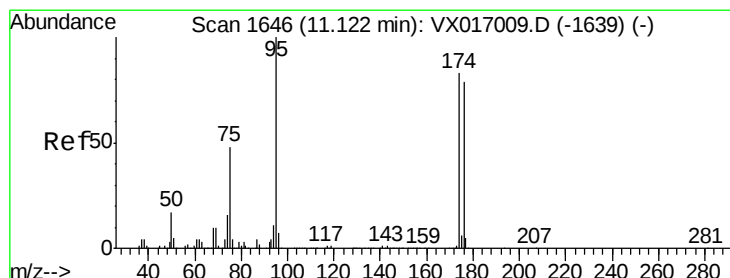
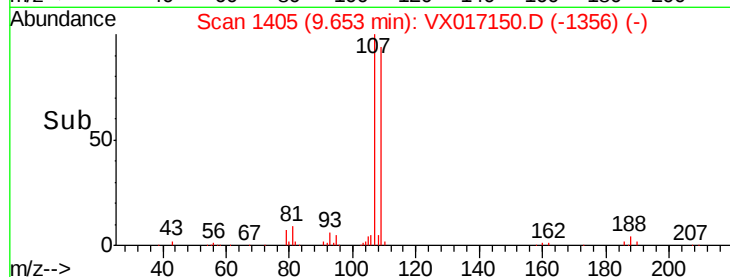
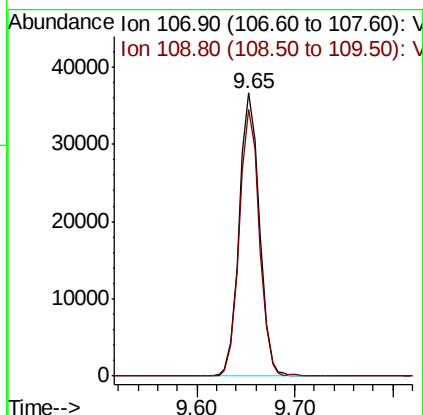
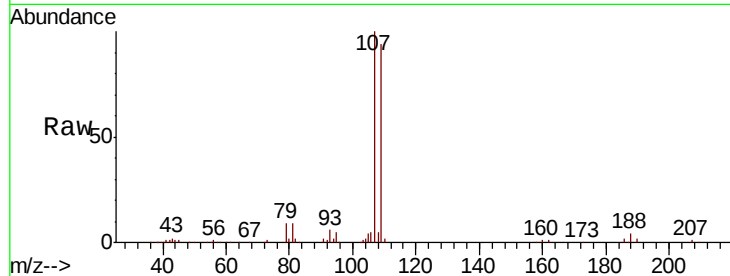




#61
 1,2-Dibromoethane
 Concen: 18.506 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

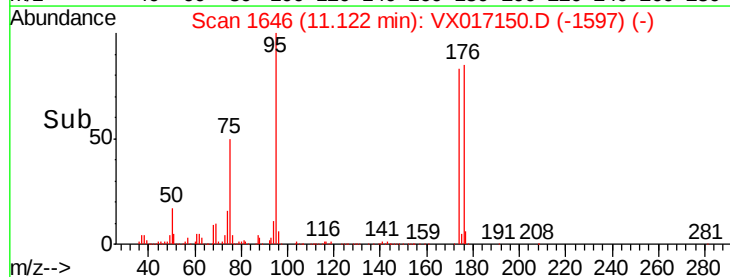
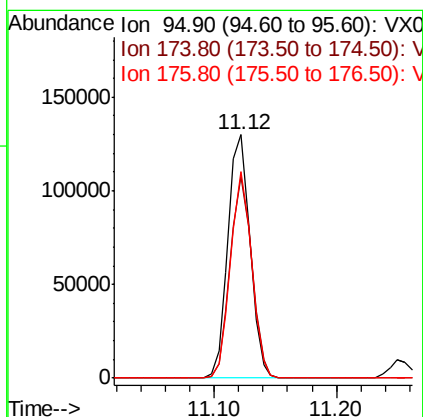
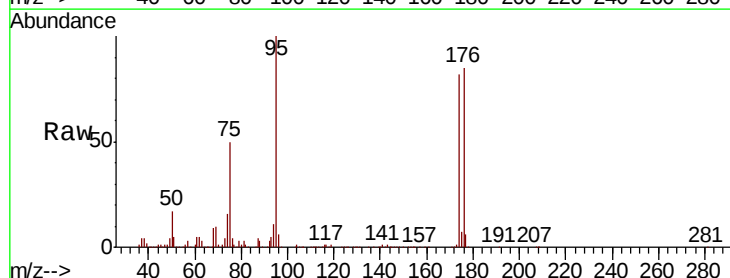
Instrument :
 MSVOA_X
 ClientSampleId :

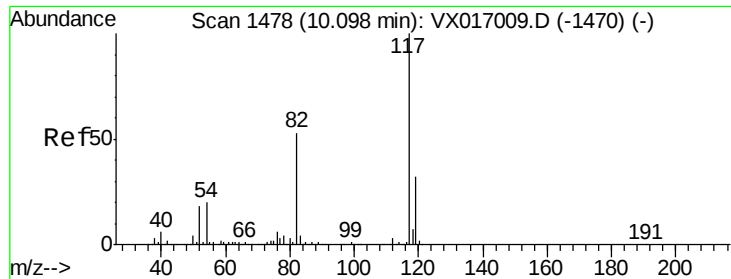
Tot Ion:107 Resp: 52614
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.588 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017150.D
 Acq: 02 Jul 2020 15:54

Tgt Ion: 95 Resp: 162480
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 164.0
 176 81.1 0.0 157.6

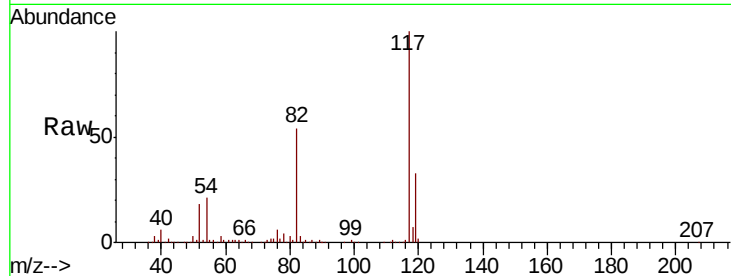




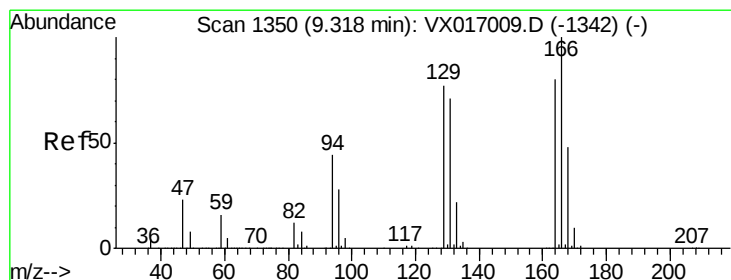
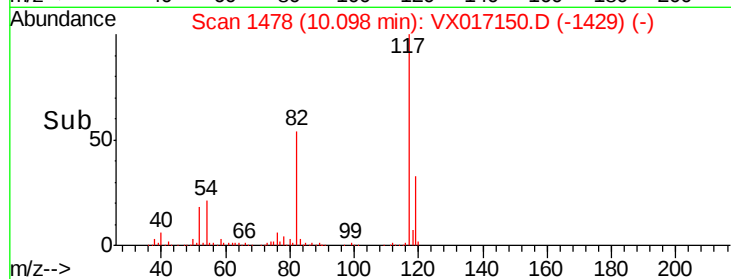
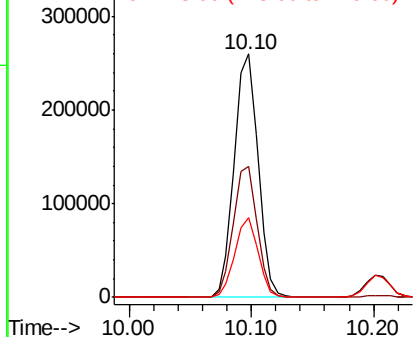
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 350295
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 32.5 25.4 38.2

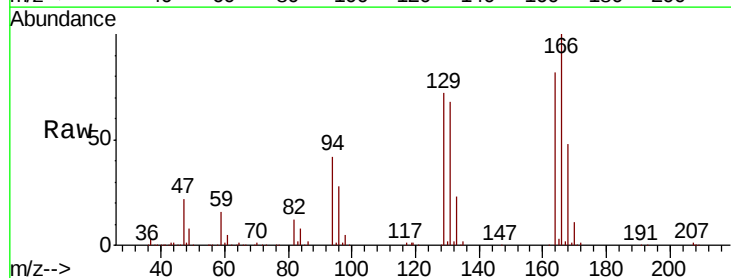


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

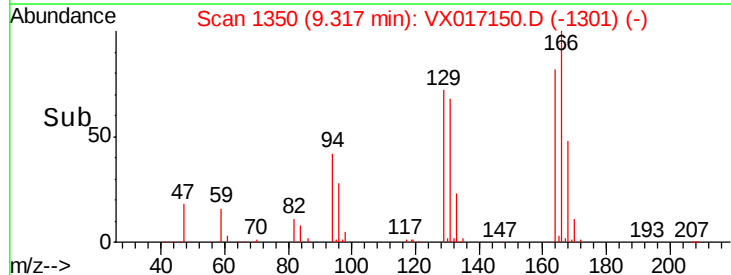
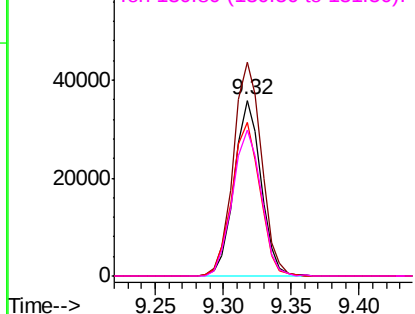


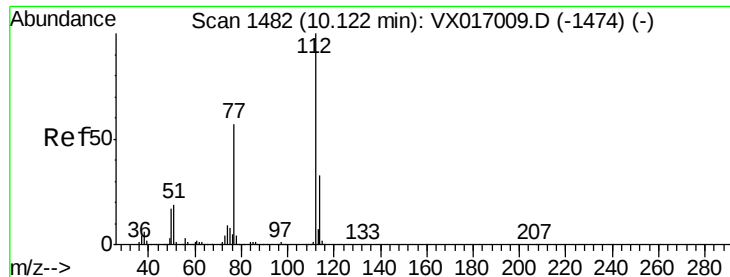
#64
Tetrachloroethene
Concen: 17.439 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion:164 Resp: 49302
Ion Ratio Lower Upper
164 100
166 121.7 99.4 149.0
129 87.2 76.3 114.5
131 83.0 70.6 105.8



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





#65

Chlorobenzene

Concen: 18.021 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

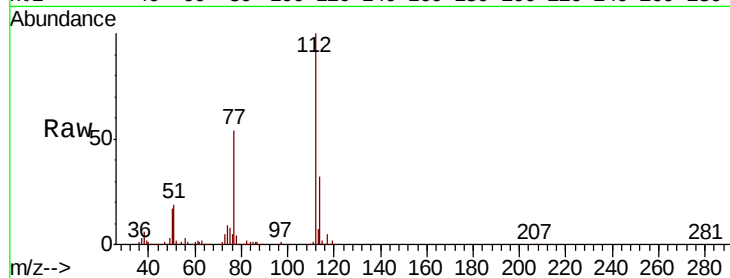
ClientSampled :

Tot Ion:112 Resp: 130290

Ion Ratio Lower Upper

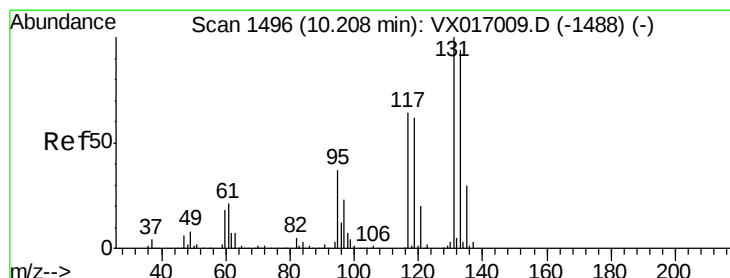
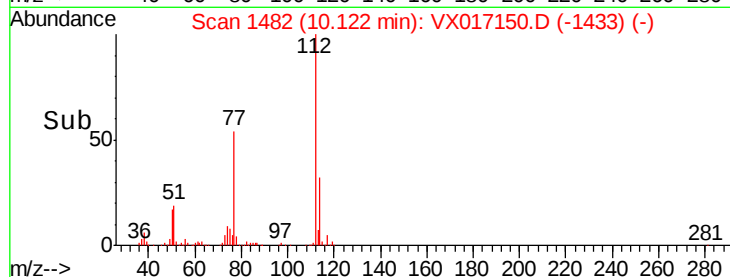
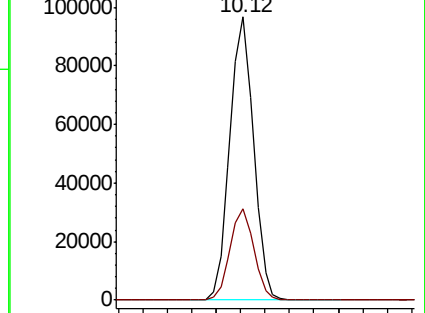
112 100

114 32.1 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.306 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

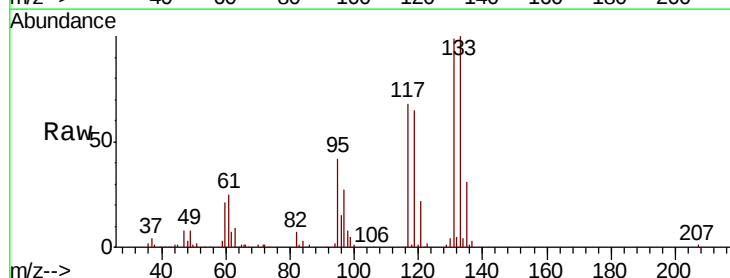
Tgt Ion:131 Resp: 51006

Ion Ratio Lower Upper

131 100

133 97.1 47.3 141.9

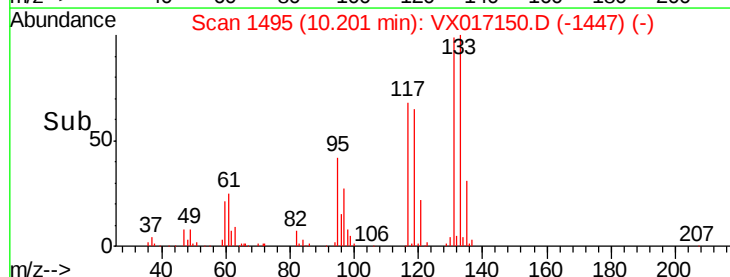
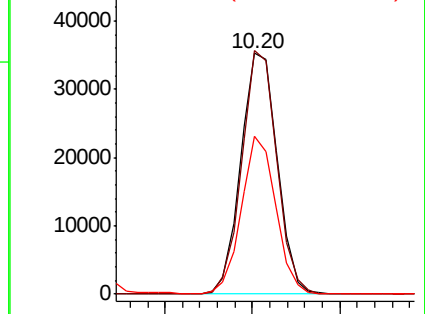
119 62.1 31.9 95.5

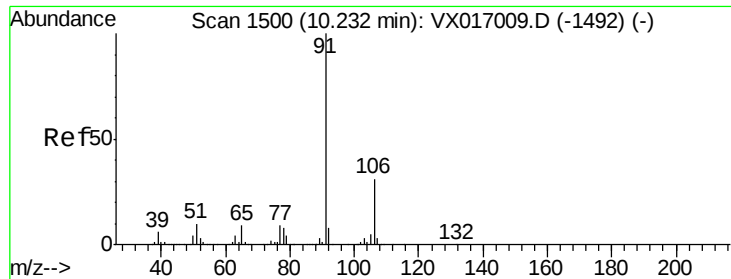


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.186 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

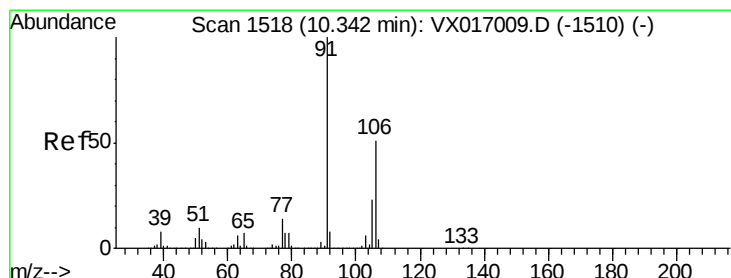
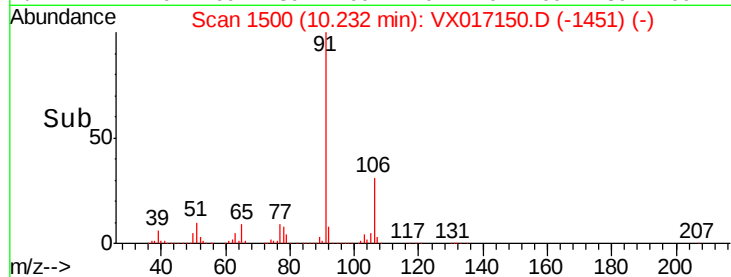
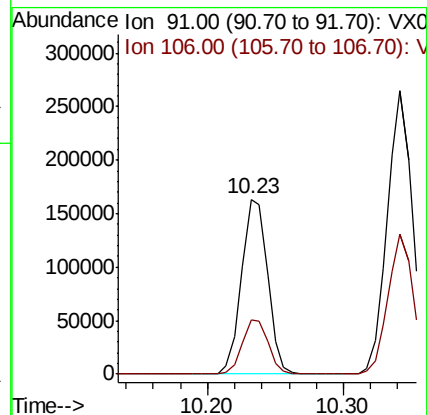
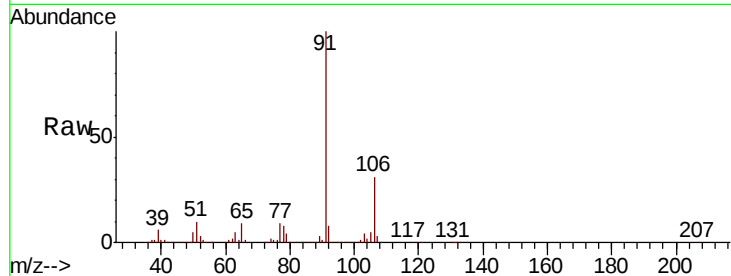
ClientSampled :

Tot Ion: 91 Resp: 219578

Ion Ratio Lower Upper

91 100

106 31.1 24.7 37.1



#68

m/p-Xylenes

Concen: 36.847 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017150.D

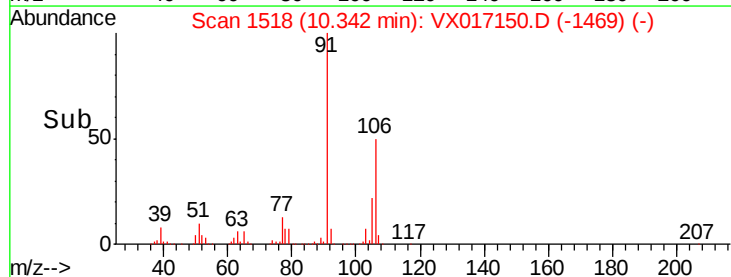
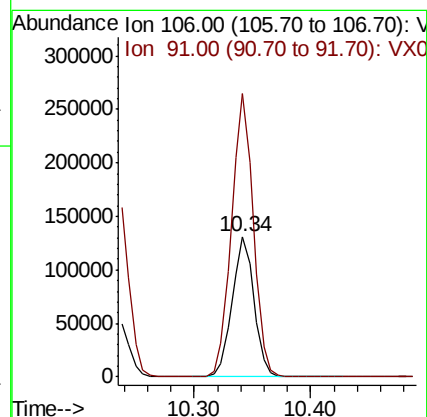
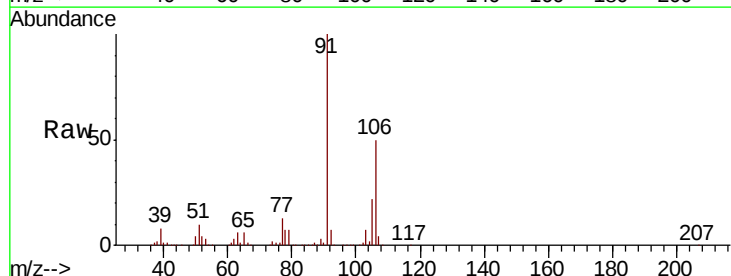
Acq: 02 Jul 2020 15:54

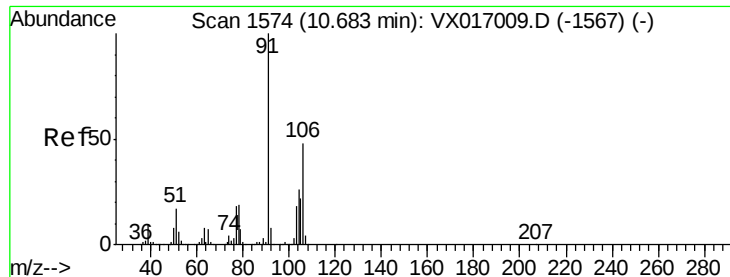
Tgt Ion: 106 Resp: 170824

Ion Ratio Lower Upper

106 100

91 201.1 158.6 238.0

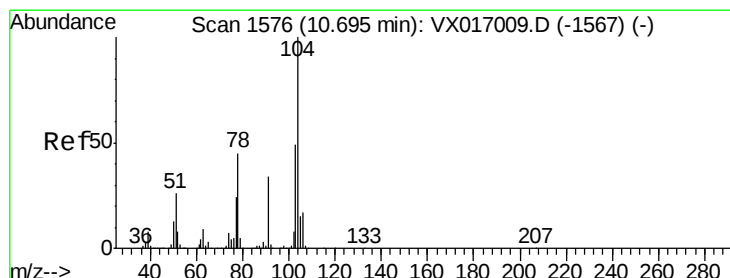
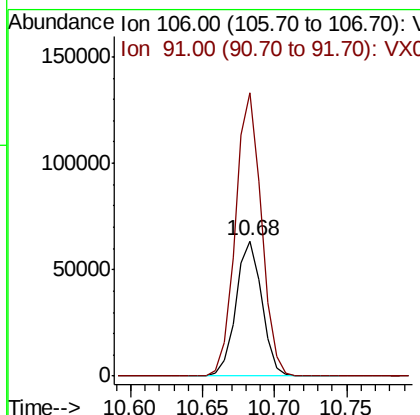
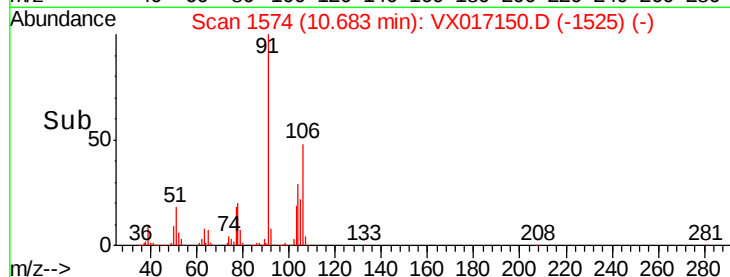
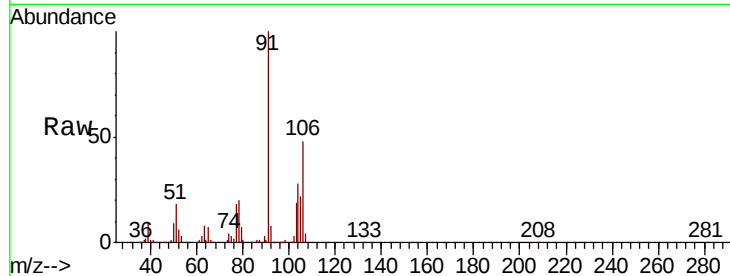




#69
o-Xylene
Concen: 18.183 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

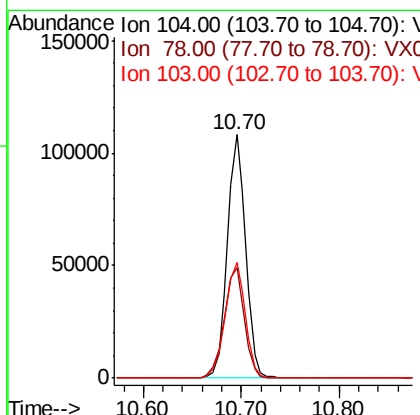
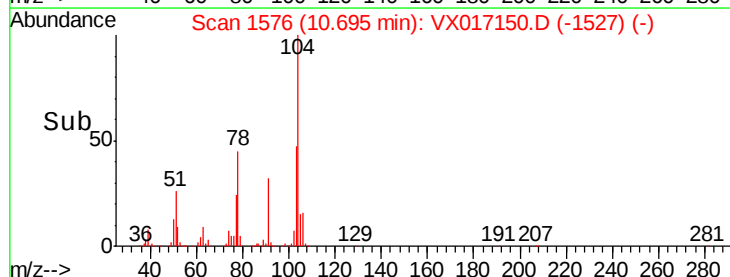
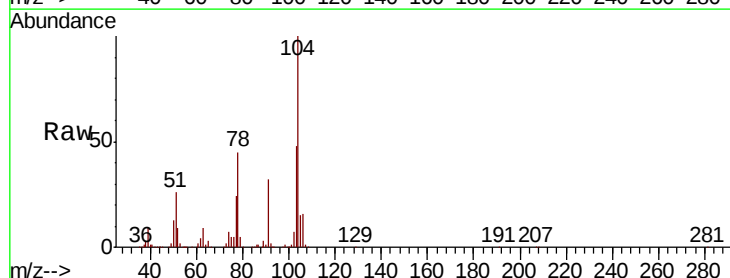
Instrument :
MSVOA_X
ClientSampled :

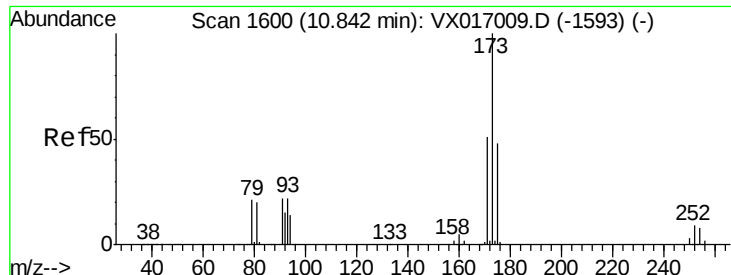
Tot Ion:106 Resp: 80190
Ion Ratio Lower Upper
106 100
91 209.3 105.6 316.7



#70
Styrene
Concen: 18.728 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion:104 Resp: 140647
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 52.4 43.0 64.6





#71

Bromoform

Concen: 19.728 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

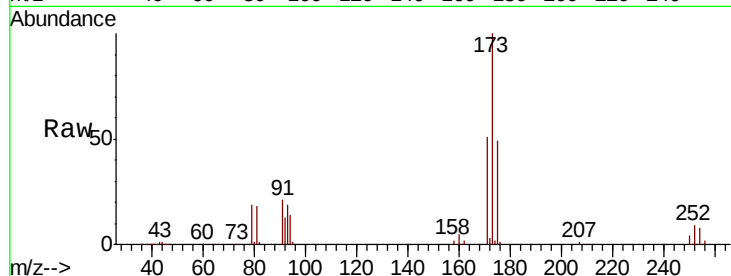
Tot Ion:173 Resp: 43590

Ion Ratio Lower Upper

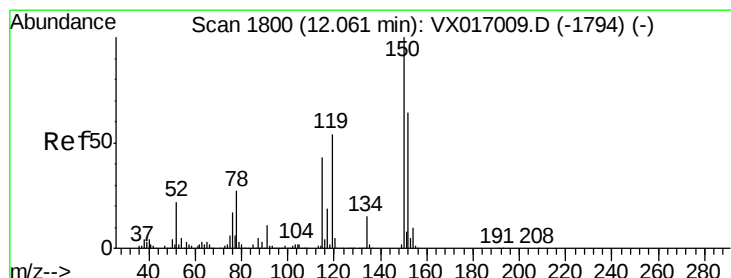
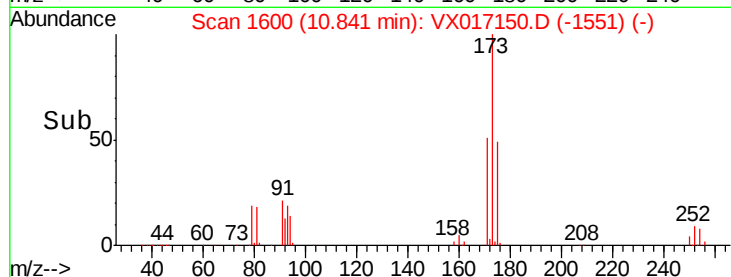
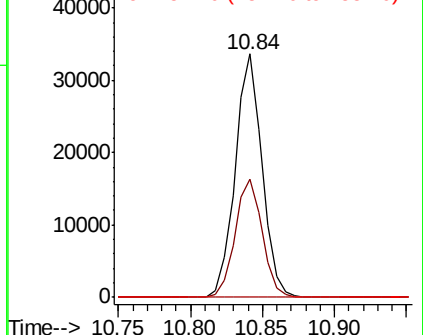
173 100

175 49.4 24.5 73.5

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

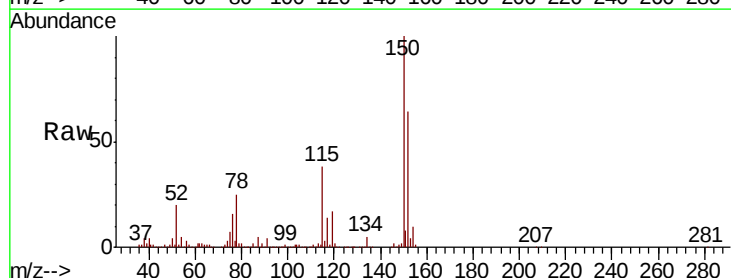
Tgt Ion:152 Resp: 191790

Ion Ratio Lower Upper

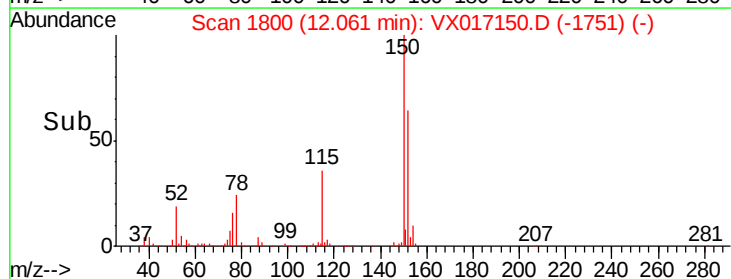
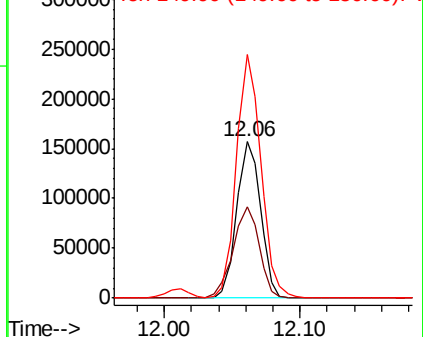
152 100

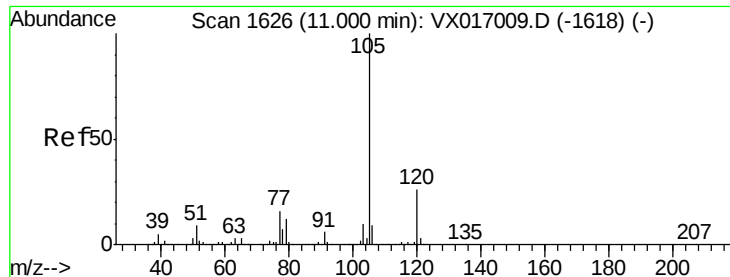
115 64.1 40.9 122.7

150 160.2 0.0 351.6



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: 17.252 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

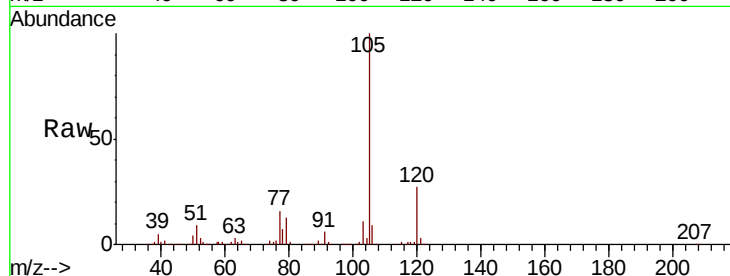
ClientSampleId :

Tot Ion:105 Resp: 216732

Ion Ratio Lower Upper

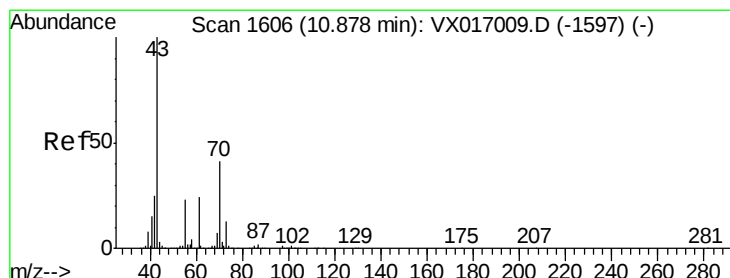
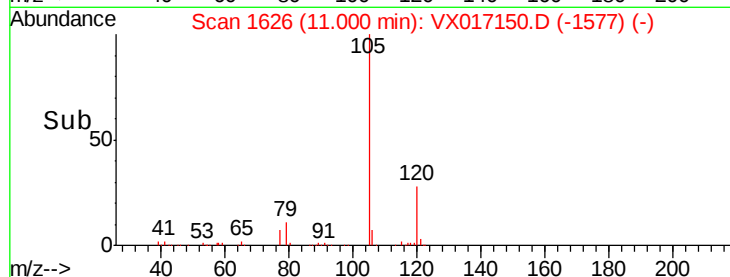
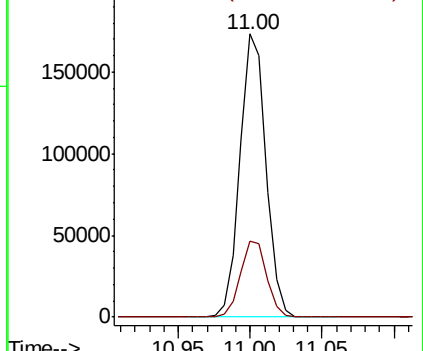
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.888 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Tgt Ion: 43 Resp: 90523

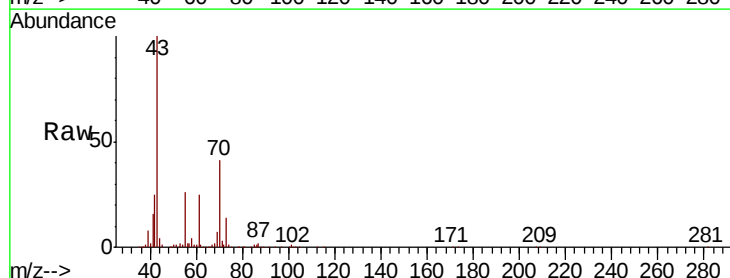
Ion Ratio Lower Upper

43 100

70 43.8 34.2 51.2

55 25.5 19.2 28.8

61 24.7 19.6 29.4

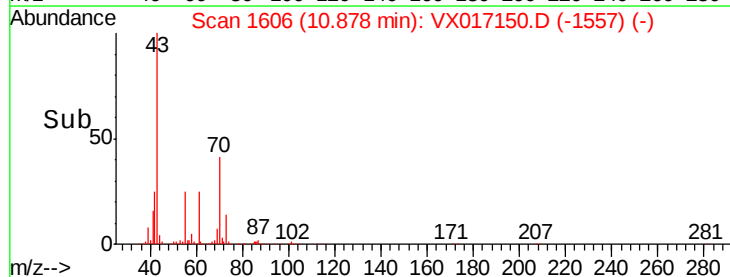
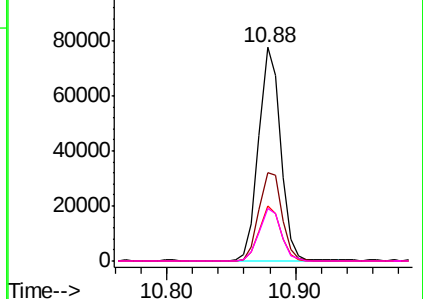


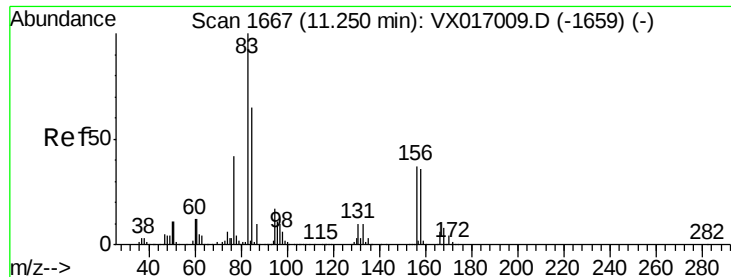
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.050 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

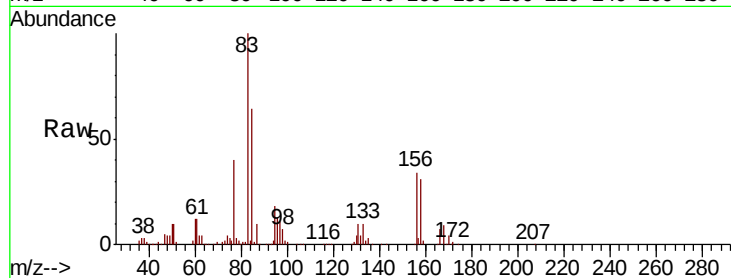
Tot Ion: 83 Resp: 71325

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

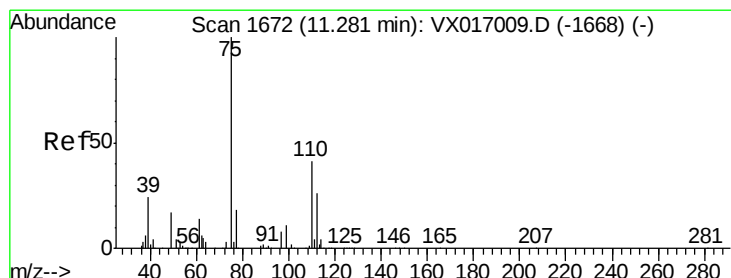
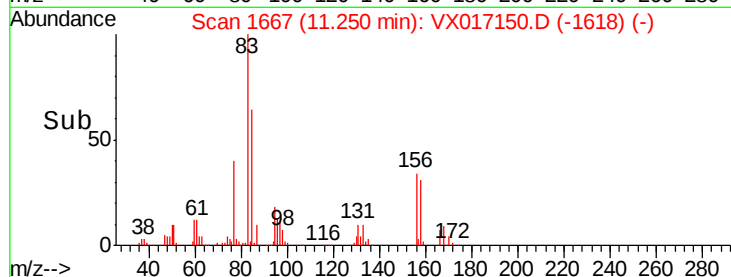
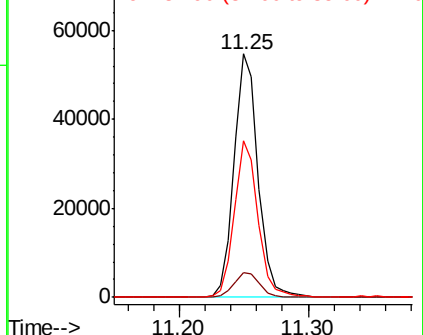
85 63.6 31.9 95.9



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: 22.084 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017150.D

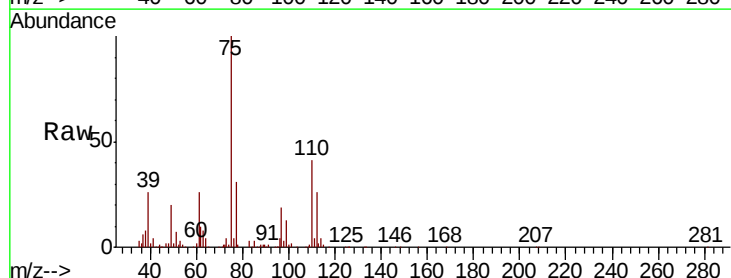
Acq: 02 Jul 2020 15:54

Tgt Ion: 75 Resp: 83289

Ion Ratio Lower Upper

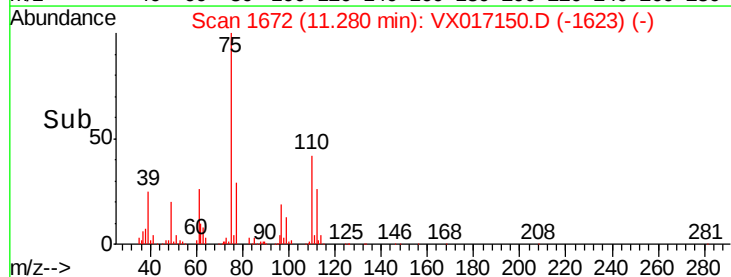
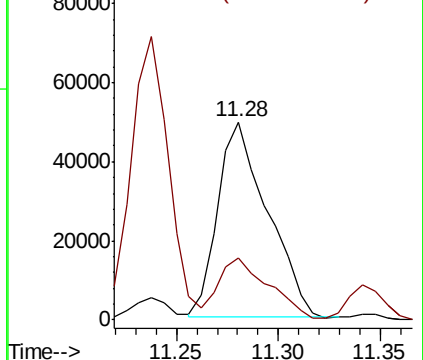
75 100

77 32.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.895 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

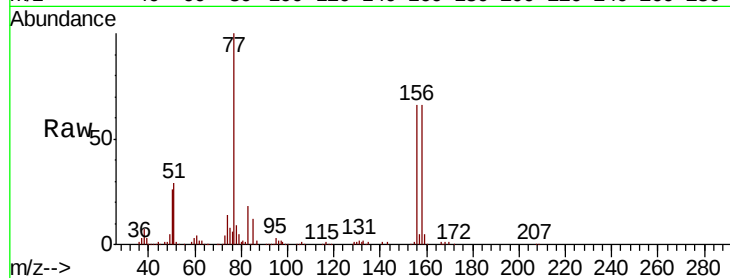
Tot Ion:156 Resp: 61785

Ion Ratio Lower Upper

156 100

77 149.4 76.9 230.7

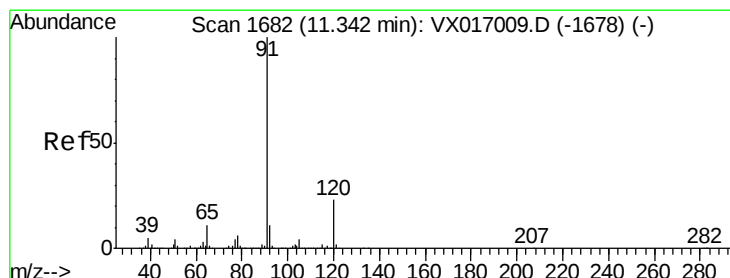
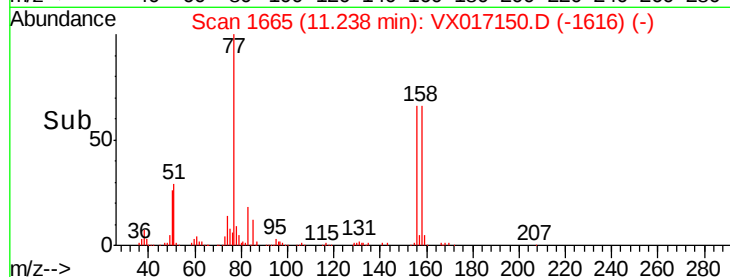
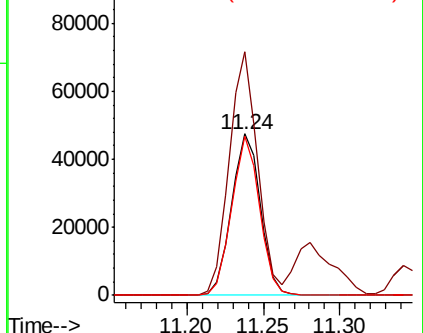
158 95.6 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.436 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017150.D

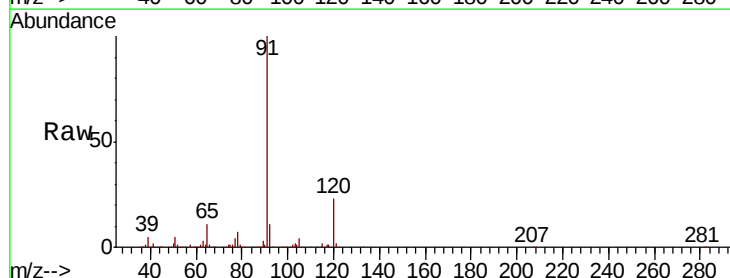
Acq: 02 Jul 2020 15:54

Tgt Ion: 91 Resp: 247690

Ion Ratio Lower Upper

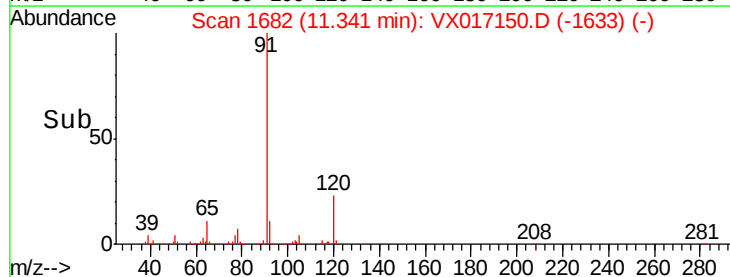
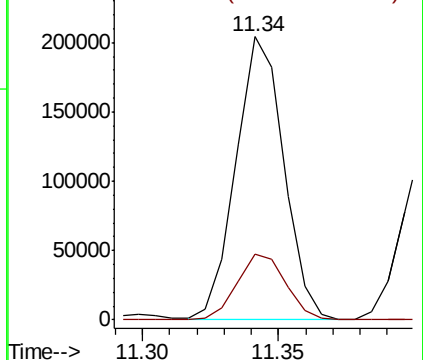
91 100

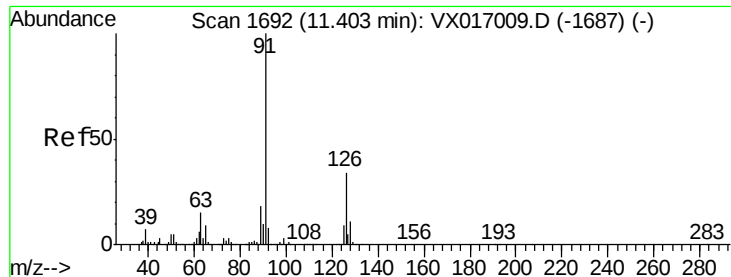
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.723 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

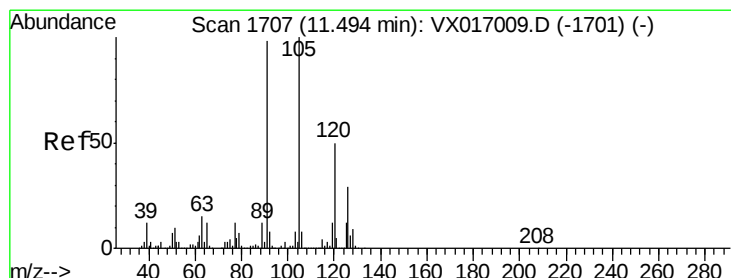
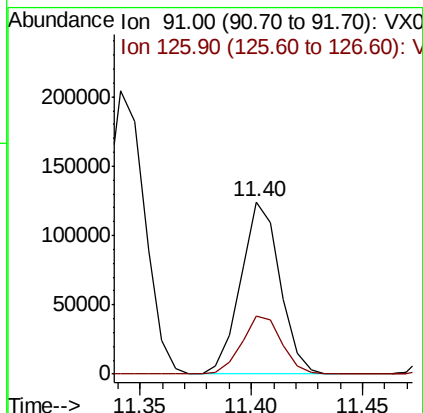
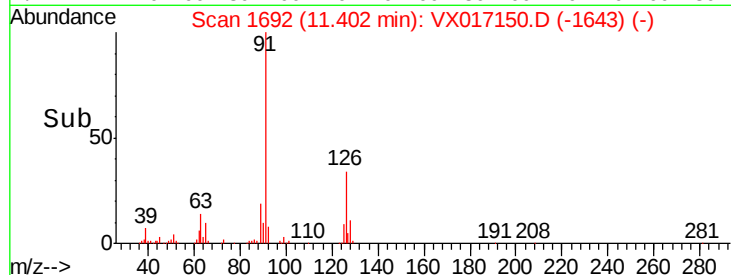
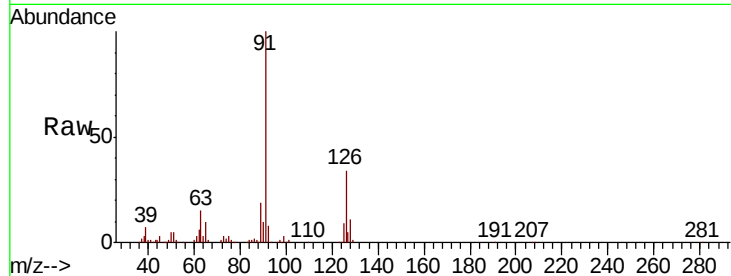
ClientSampleId :

Tot Ion: 91 Resp: 152374

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 17.692 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017150.D

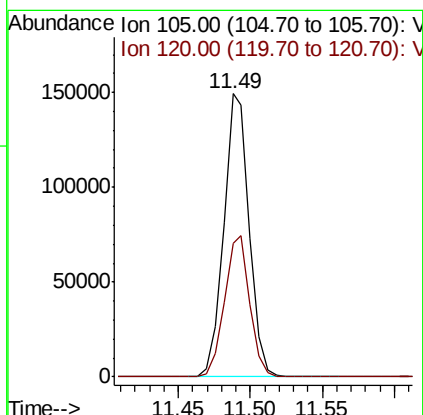
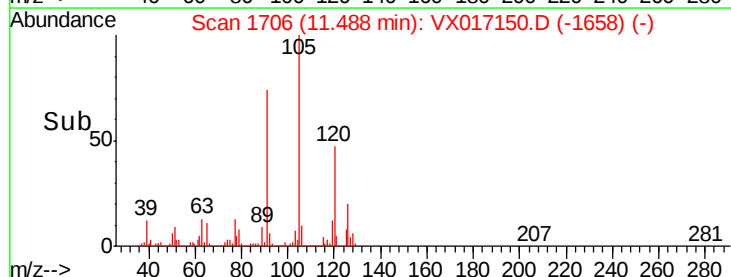
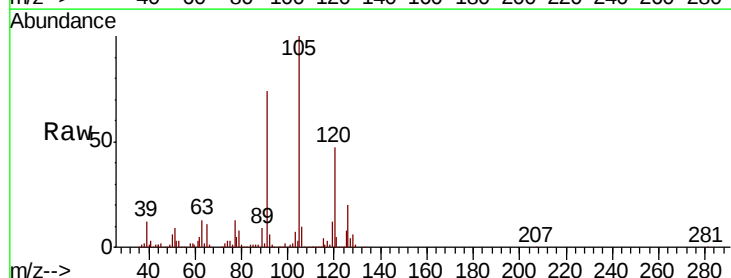
Acq: 02 Jul 2020 15:54

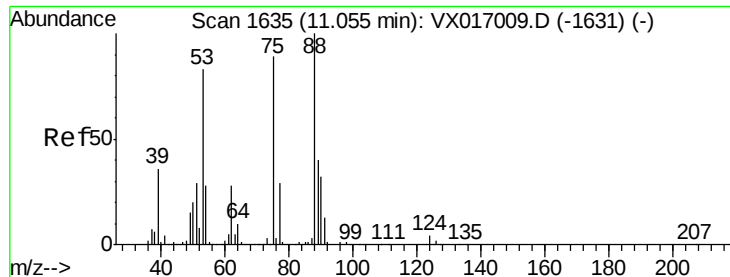
Tgt Ion: 105 Resp: 184351

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.296 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

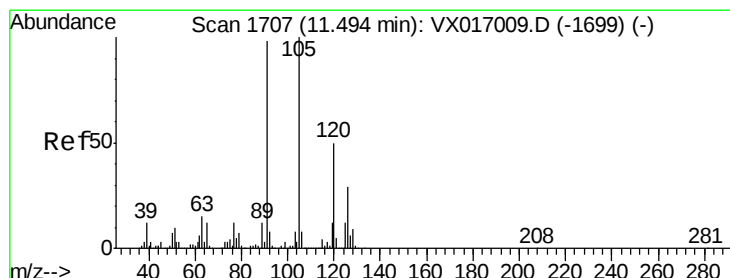
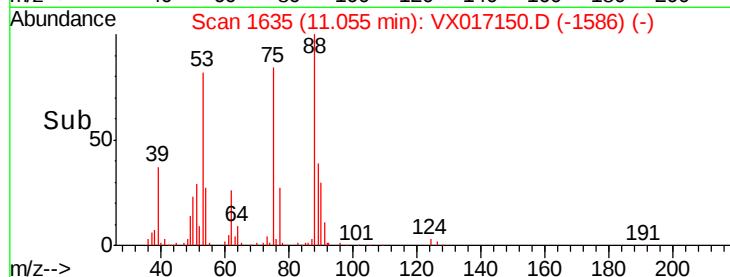
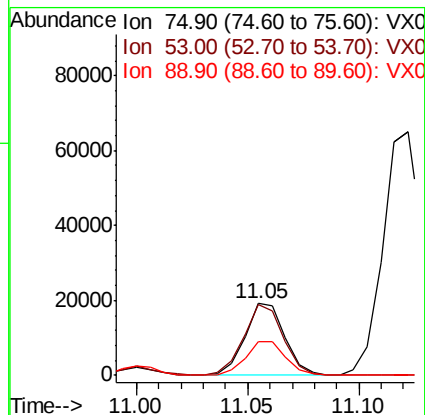
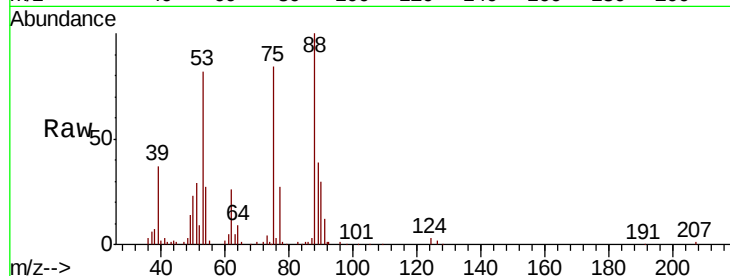
Tot Ion: 75 Resp: 23733

Ion Ratio Lower Upper

75 100

53 99.5 72.4 108.6

89 48.0 37.0 55.4



#82

4-Chlorotoluene

Concen: 17.876 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017150.D

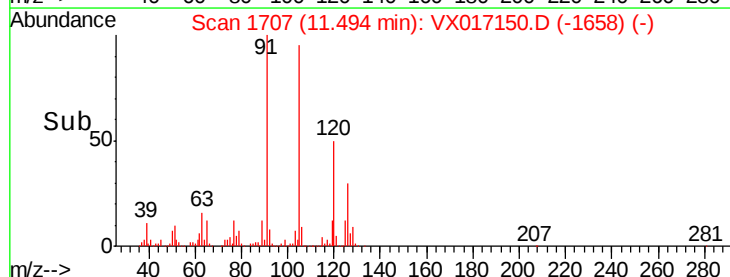
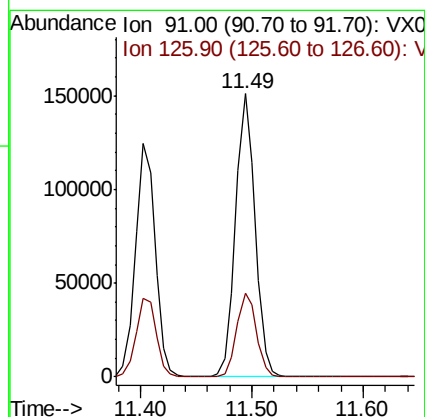
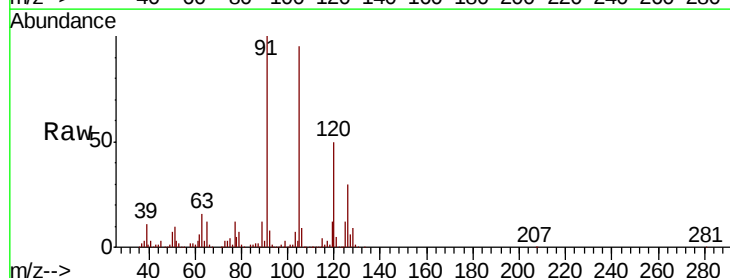
Acq: 02 Jul 2020 15:54

Tgt Ion: 91 Resp: 183728

Ion Ratio Lower Upper

91 100

126 30.0 15.2 45.5

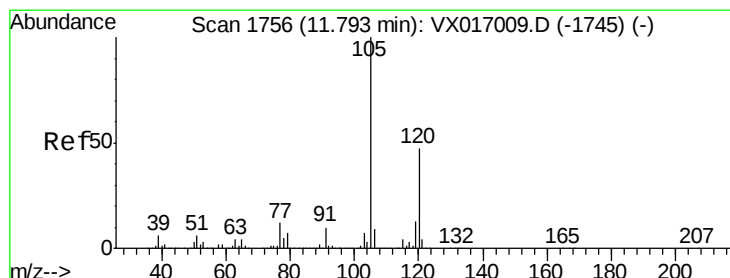
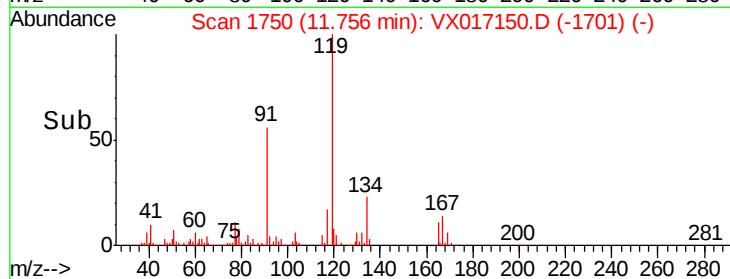
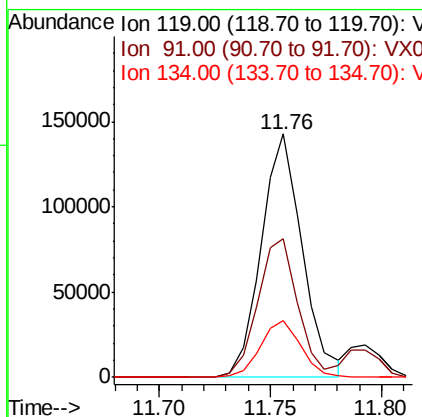
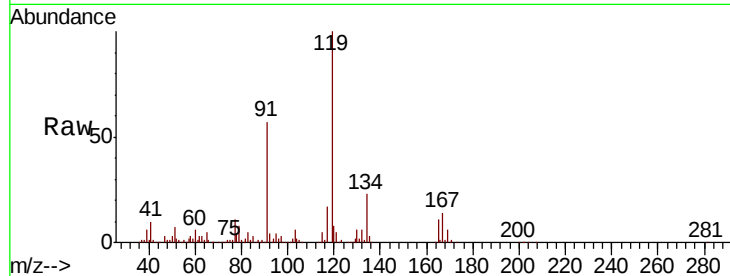




#83
tert-Butylbenzene
Concen: 17.833 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

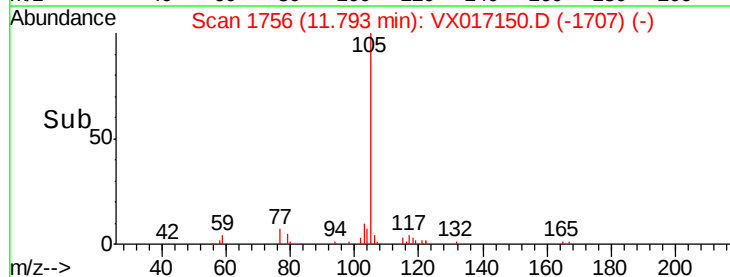
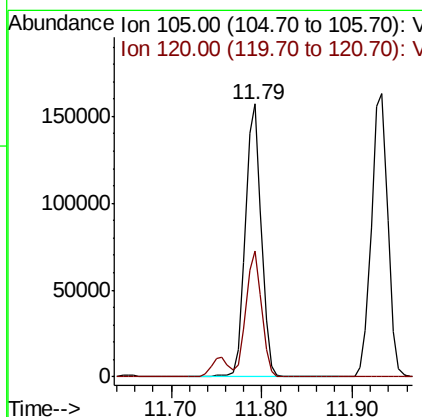
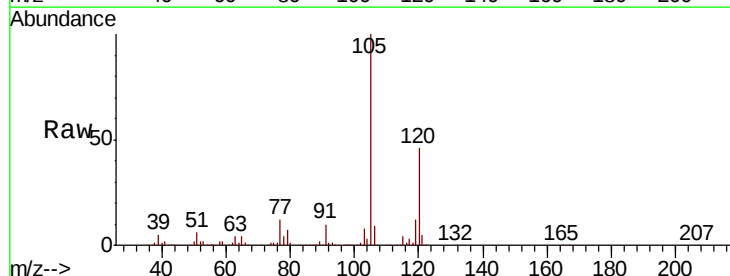
Instrument :
MSVOA_X
ClientSampled :

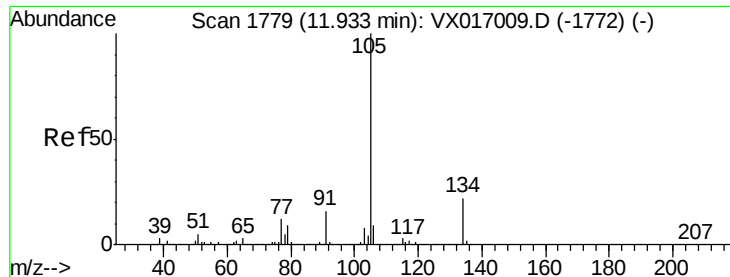
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.5	28.3	84.9
134	23.0	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 18.131 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 17.020 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

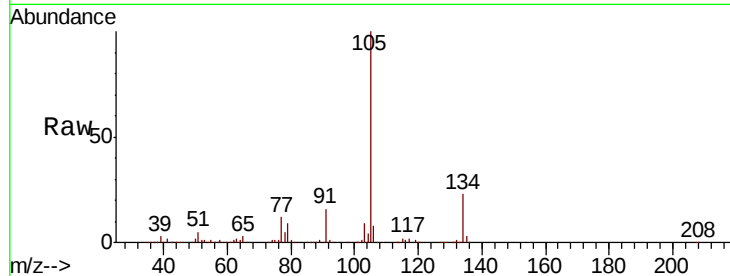
ClientSampleId :

Tot Ion:105 Resp: 204645

Ion Ratio Lower Upper

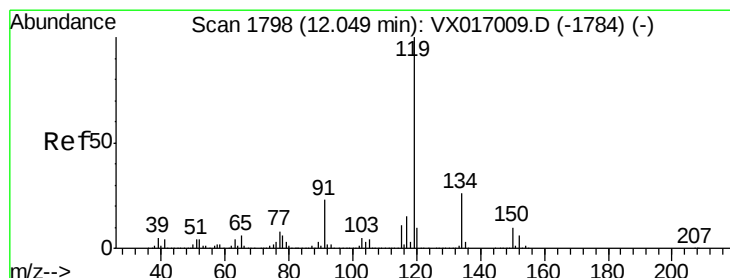
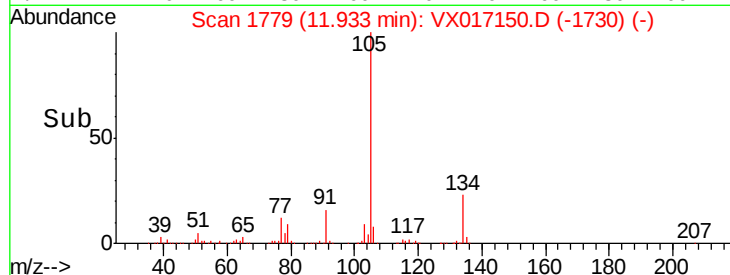
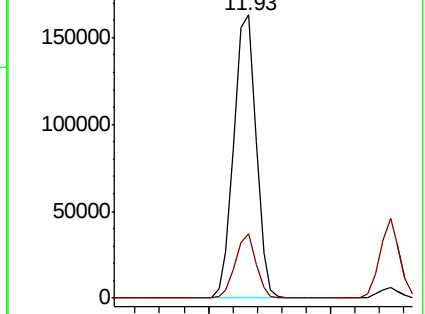
105 100

134 21.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.359 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

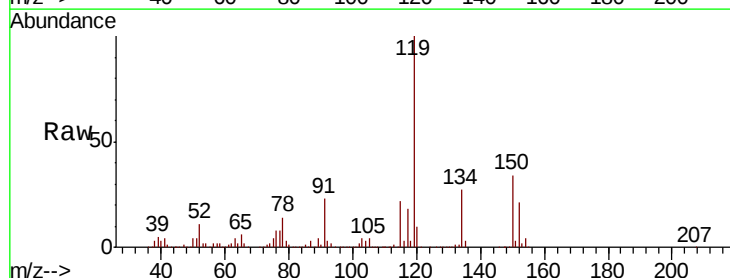
Tgt Ion:119 Resp: 194308

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

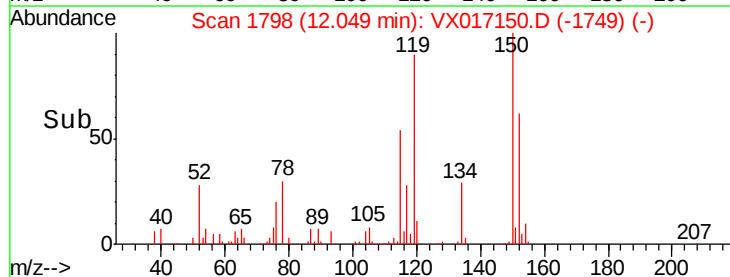
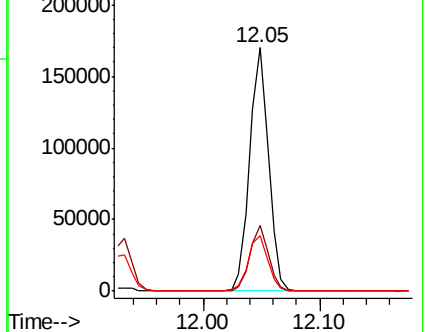
91 23.8 11.8 35.4

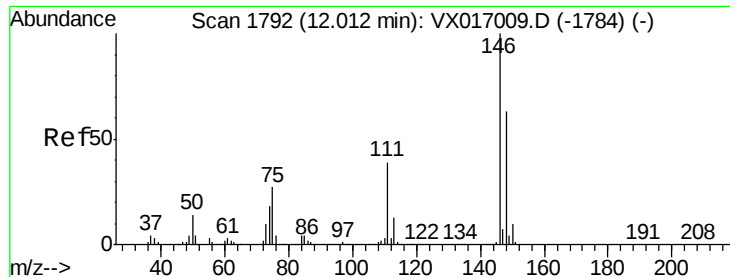


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 16.967 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampled :

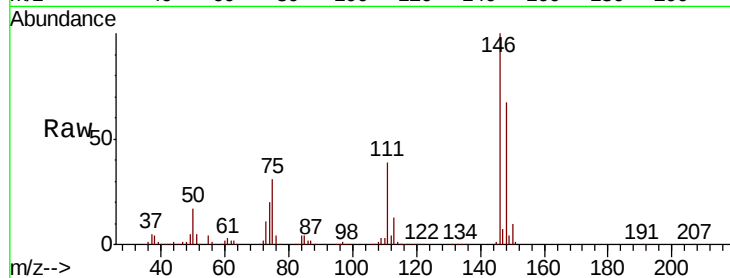
Tot Ion:146 Resp: 106393

Ion Ratio Lower Upper

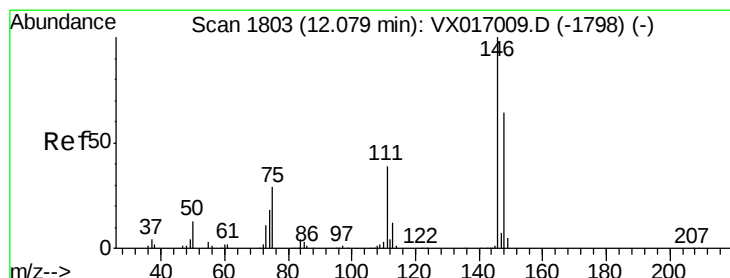
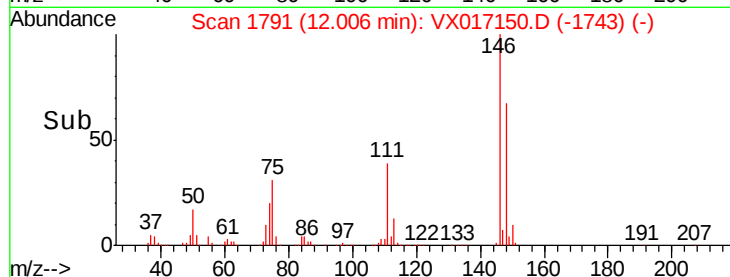
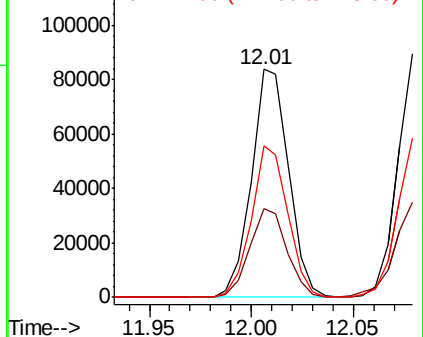
146 100

111 39.0 20.4 61.2

148 65.2 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 18.445 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

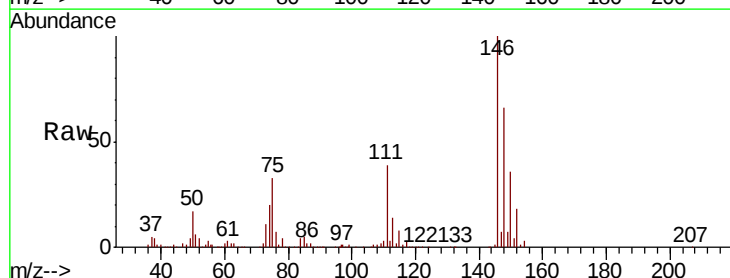
Tgt Ion:146 Resp: 109792

Ion Ratio Lower Upper

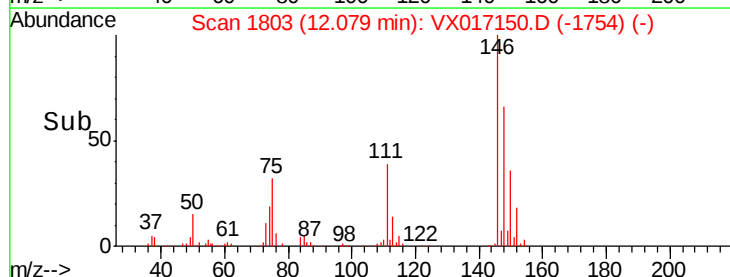
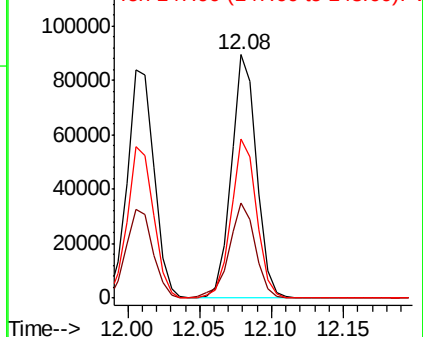
146 100

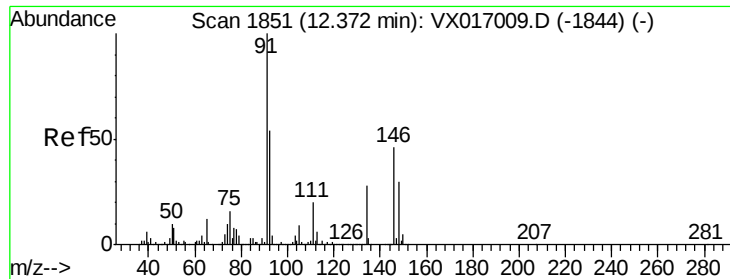
111 40.3 19.5 58.5

148 65.9 31.9 95.7



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

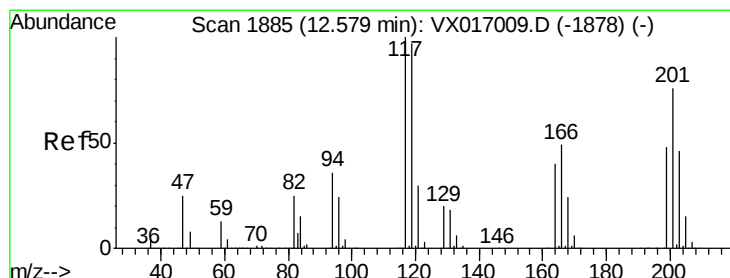
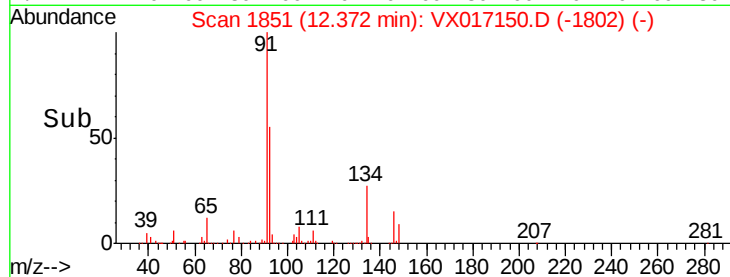
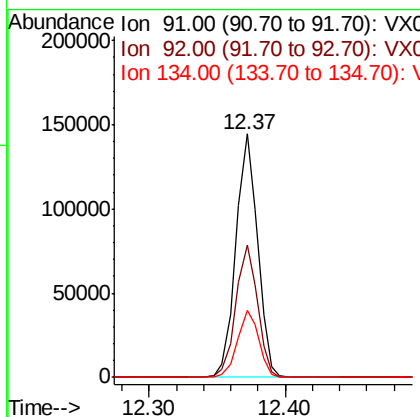
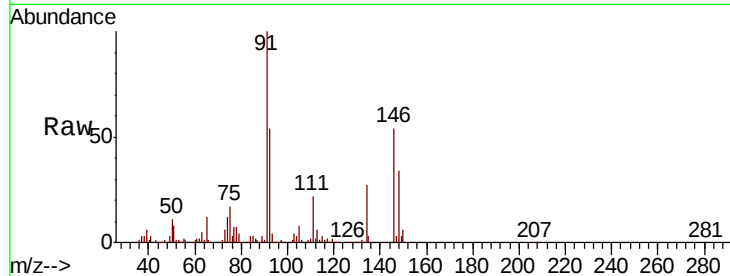




#89
n-Butylbenzene
Concen: 16.008 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

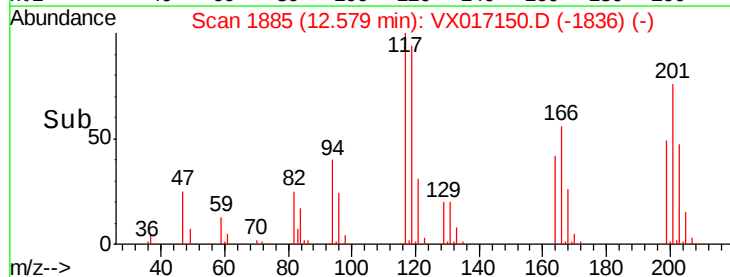
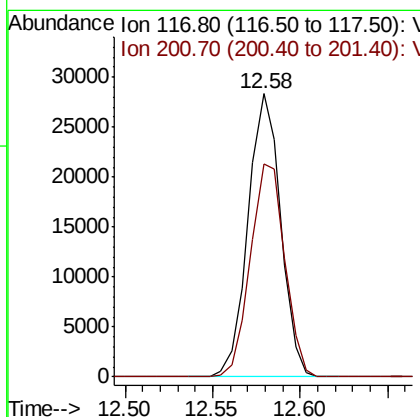
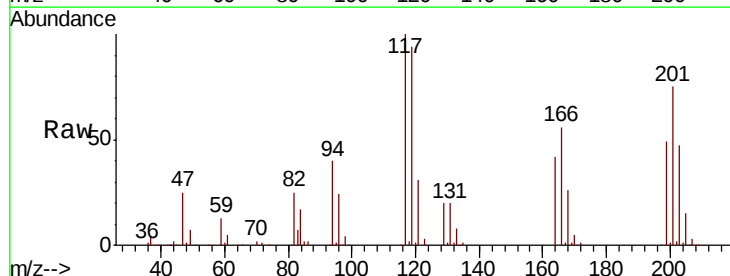
Instrument :
MSVOA_X
ClientSampleId :

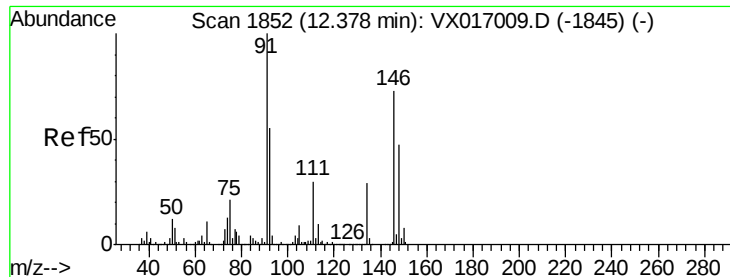
Tot Ion: 91 Resp: 159997
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 16.654 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion: 117 Resp: 36761
Ion Ratio Lower Upper
117 100
201 79.6 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 17.752 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampled :

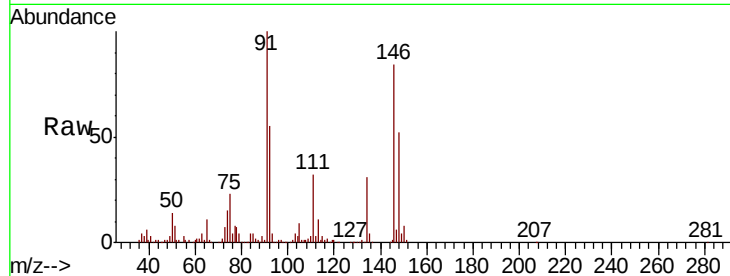
Tot Ion:146 Resp: 104053

Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.9

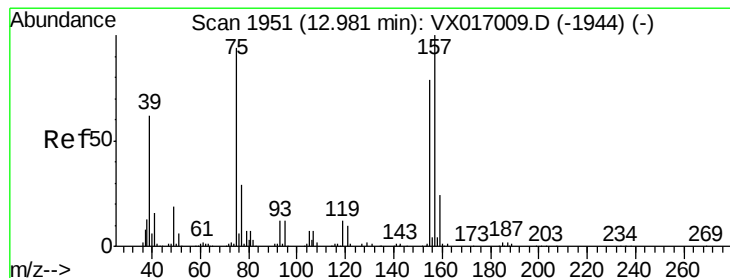
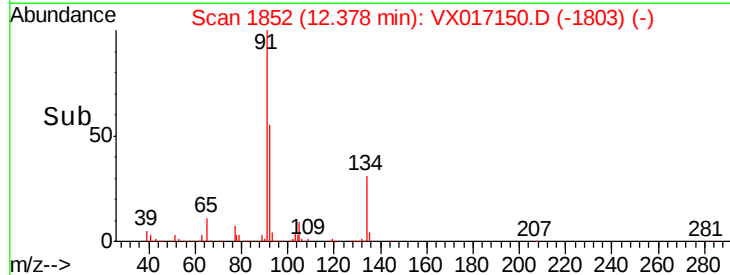
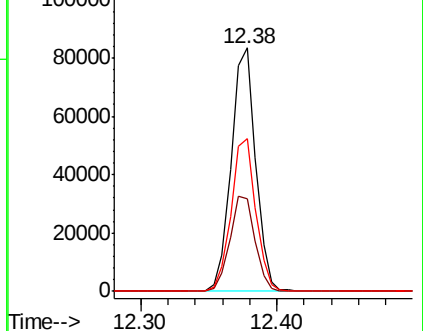
148 63.2 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.219 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

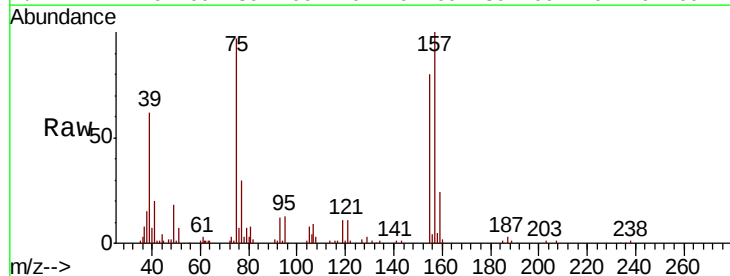
Tgt Ion: 75 Resp: 16232

Ion Ratio Lower Upper

75 100

155 90.0 45.1 135.2

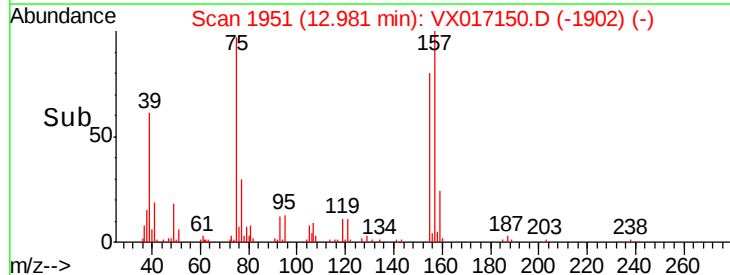
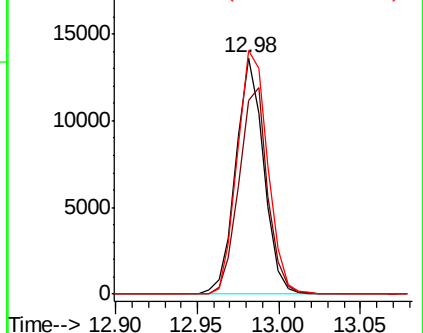
157 111.8 56.5 169.3

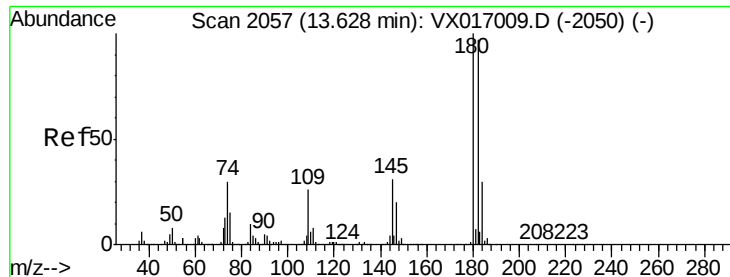


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 16.813 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

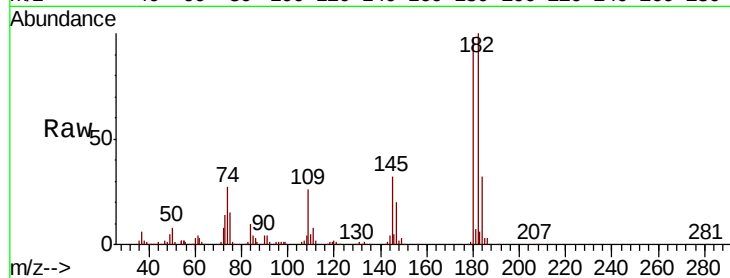
Tot Ion:180 Resp: 67262

Ion Ratio Lower Upper

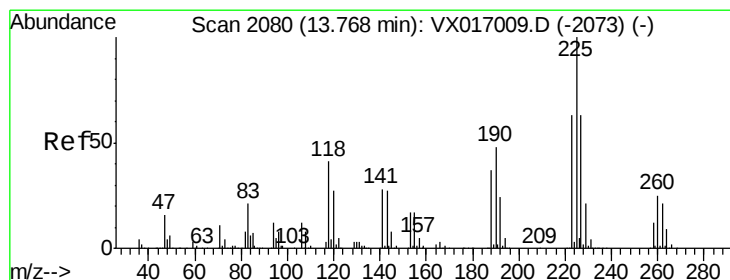
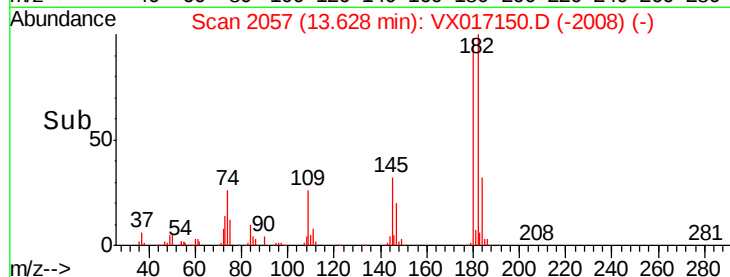
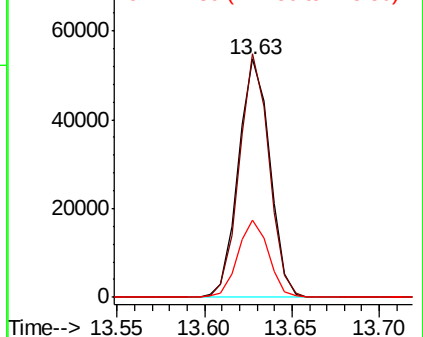
180 100

182 96.8 47.3 141.9

145 31.5 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 16.585 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017150.D

Acq: 02 Jul 2020 15:54

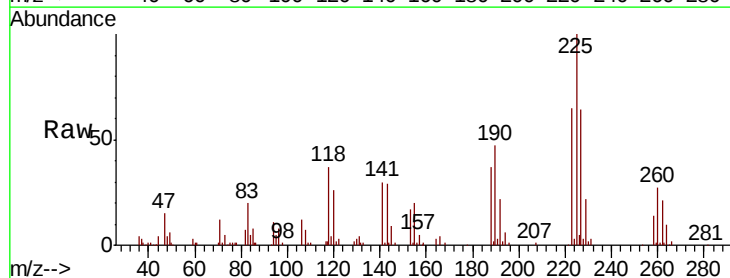
Tgt Ion:225 Resp: 24310

Ion Ratio Lower Upper

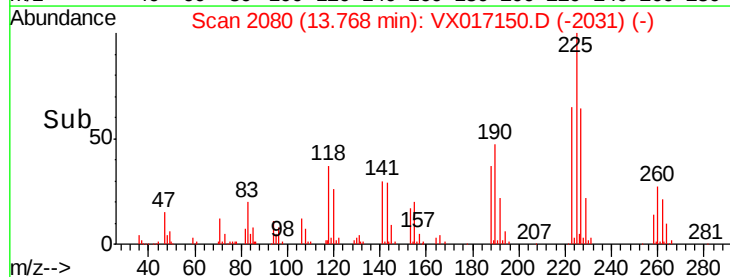
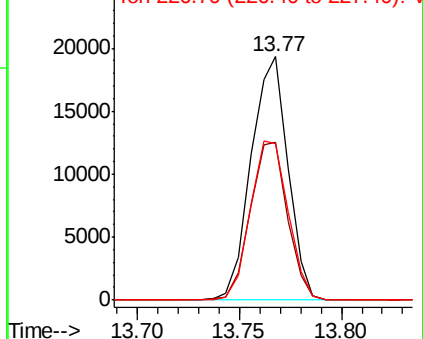
225 100

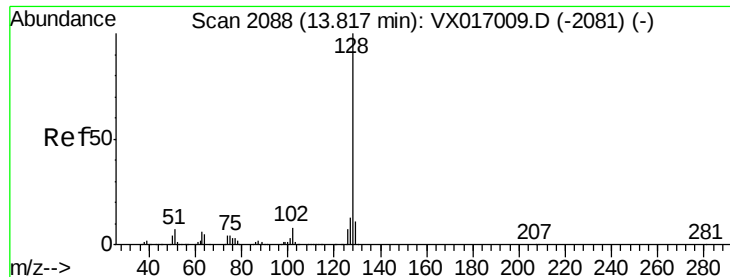
223 65.4 32.5 97.5

227 66.8 33.1 99.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

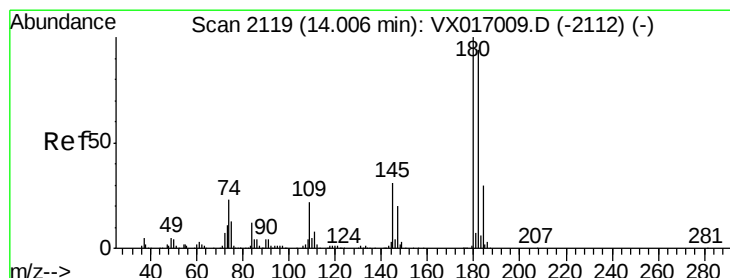
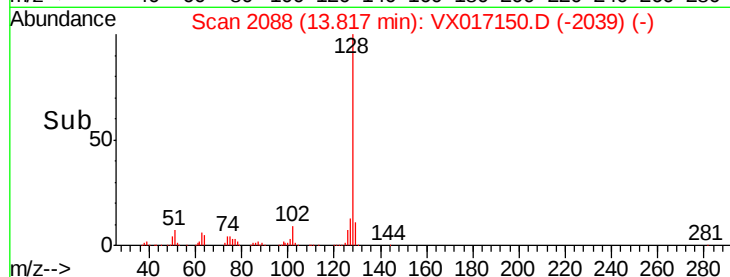
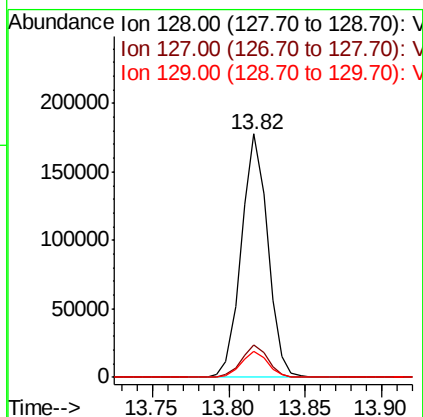
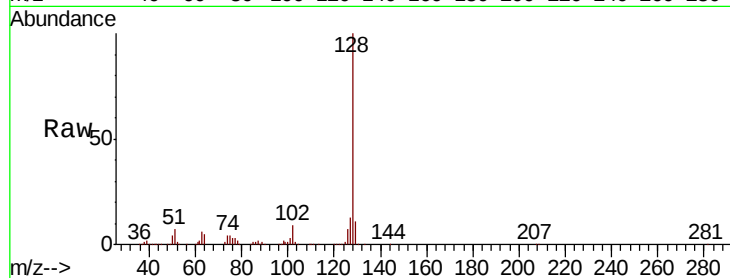




#95
Naphthalene
Concen: 17.439 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.772 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017150.D
Acq: 02 Jul 2020 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.1	141.4
145	32.1	16.6	49.7

