

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017149.D
 Acq On : 02 Jul 2020 15:32
 Operator : JC/SP
 Sample : VX0702WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 03 00:51:27 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	5.63	168	244065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	374238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	144447	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.47	113	118981	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.70	98	426905	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.12	95	163604	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	43814	18.556	ug/l	98
3) Chloromethane	1.32	50	45730	16.000	ug/l	98
4) Vinyl Chloride	1.39	62	44720	16.864	ug/l	98
5) Bromomethane	1.63	94	17867	12.753	ug/l	96
6) Chloroethane	1.72	64	29026	18.533	ug/l	99
7) Trichlorofluoromethane	1.92	101	77407	19.737	ug/l	99
8) Diethyl Ether	2.17	74	26546	20.335	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42535	18.096	ug/l	95
10) Methyl Iodide	2.49	142	16504	5.441	ug/l	98
11) Tert butyl alcohol	3.01	59	52392	91.276	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41400	17.145	ug/l	95
13) Acrolein	2.28	56	21073	61.415	ug/l	98
14) Allyl chloride	2.71	41	77377	17.339	ug/l	97
15) Acrylonitrile	3.12	53	125542	90.982	ug/l	98
16) Acetone	2.42	43	110037	97.761	ug/l	97
17) Carbon Disulfide	2.55	76	123935	18.407	ug/l	99
18) Methyl Acetate	2.75	43	55502	18.889	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	155335	19.167	ug/l	96
20) Methylene Chloride	2.84	84	51671	19.539	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	48836	18.225	ug/l	95
22) Diisopropyl ether	3.82	45	154349	18.688	ug/l	95
23) Vinyl Acetate	3.79	43	676659	95.340	ug/l	99
24) 1,1-Dichloroethane	3.67	63	86053	18.311	ug/l	99
25) 2-Butanone	4.64	43	171723	91.561	ug/l	99
26) 2,2-Dichloropropane	4.55	77	74911	17.952	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	55398	18.246	ug/l	98
28) Bromochloromethane	4.98	49	40450	17.688	ug/l	100
29) Tetrahydrofuran	5.09	42	113717	91.768	ug/l	100
30) Chloroform	5.17	83	90855	18.859	ug/l	99
31) Cyclohexane	5.55	56	72138	17.758	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	84059	18.946	ug/l	98
36) 1,1-Dichloropropene	5.77	75	66512	18.805	ug/l	100
37) Ethyl Acetate	4.80	43	69074	19.248	ug/l	99
38) Carbon Tetrachloride	5.76	117	78046	20.034	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69866	17.753	ug/l	97
40) Benzene	6.12	78	195560	18.818	ug/l	96
41) Methacrylonitrile	5.01	41	39045	19.331	ug/l	98
42) 1,2-Dichloroethane	6.17	62	74630	19.881	ug/l	99
43) Isopropyl Acetate	6.41	43	114099	19.133	ug/l	99
44) Trichloroethene	7.19	130	56735	19.596	ug/l	95
45) 1,2-Dichloropropane	7.49	63	50421	18.890	ug/l	97
46) Dibromomethane	7.63	93	36232	19.882	ug/l	96
47) Bromodichloromethane	7.88	83	74368	19.803	ug/l	97
48) Methyl methacrylate	7.74	41	55424	19.563	ug/l	98
49) 1,4-Dioxane	7.71	88	20214	314.937	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	351134	98.779	ug/l	99
52) Toluene	8.76	92	126029	19.424	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78473	18.939	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	85475	19.243	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	52733	19.892	ug/l	97
56) Ethyl methacrylate	9.16	69	72271	19.154	ug/l	98
57) 1,3-Dichloropropane	9.35	76	86226	19.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	180576	96.160	ug/l	99
59) 2-Hexanone	9.47	43	262465	101.098	ug/l	98
60) Dibromochloromethane	9.56	129	61785	20.067	ug/l	98
61) 1,2-Dibromoethane	9.65	107	55638	19.526	ug/l	100
64) Tetrachloroethene	9.32	164	49947	17.743	ug/l	95
65) Chlorobenzene	10.12	112	136858	19.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	53596	19.318	ug/l	99
67) Ethyl Benzene	10.23	91	229975	19.129	ug/l	99
68) m/p-Xylenes	10.34	106	181622	39.345	ug/l	99
69) o-Xylene	10.68	106	83553	19.027	ug/l	99
70) Styrene	10.70	104	148011	19.793	ug/l	99
71) Bromoform	10.84	173	46863	21.301	ug/l #	99
73) Isopropylbenzene	11.00	105	230553	19.217	ug/l	99
74) N-amyl acetate	10.88	43	96991	18.946	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74607	19.769	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	88793	24.652	ug/l	86
77) Bromobenzene	11.24	156	62823	19.052	ug/l	98
78) n-propylbenzene	11.34	91	261270	19.257	ug/l	100
79) 2-Chlorotoluene	11.40	91	157462	19.177	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	191845	19.278	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	25588	18.397	ug/l	95
82) 4-Chlorotoluene	11.49	91	189521	19.308	ug/l	99
83) tert-Butylbenzene	11.76	119	189865	19.435	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	199702	19.780	ug/l	99
85) sec-Butylbenzene	11.93	105	210854	18.362	ug/l	99
86) p-Isopropyltoluene	12.05	119	199309	18.644	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	115343	19.260	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	115828	20.396	ug/l	98
89) n-Butylbenzene	12.37	91	165884	17.379	ug/l	99
90) Hexachloroethane	12.58	117	38095	18.071	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	108084	19.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17027	18.913	ug/l	99

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Instrument :
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ClientSampleId :

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

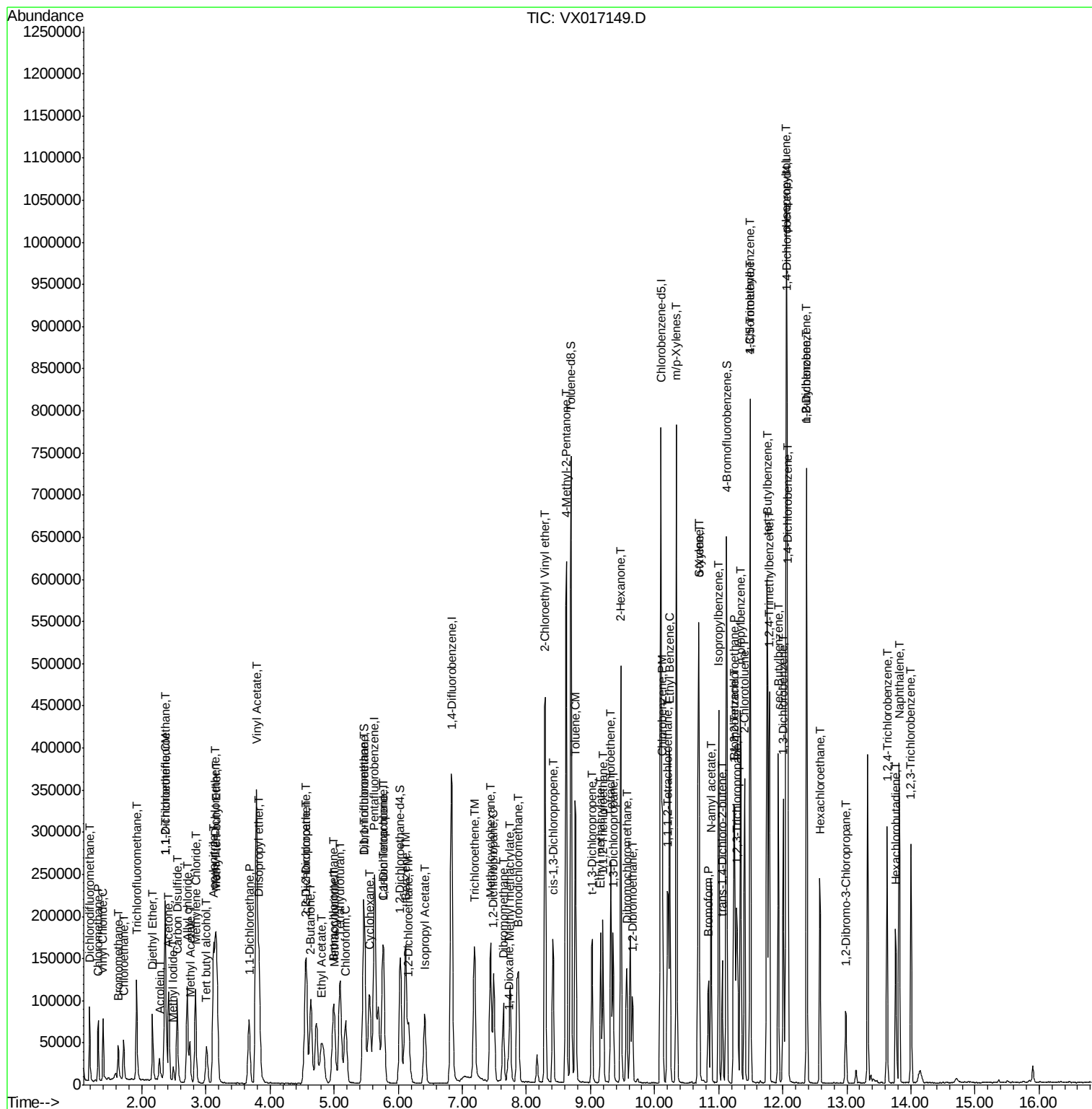
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71085	18.605	ug/l	99
94) Hexachlorobutadiene	13.76	225	25895	18.400	ug/l	95
95) Naphthalene	13.82	128	226126	19.467	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	68337	18.481	ug/l	94

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

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jul 03 00:51:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



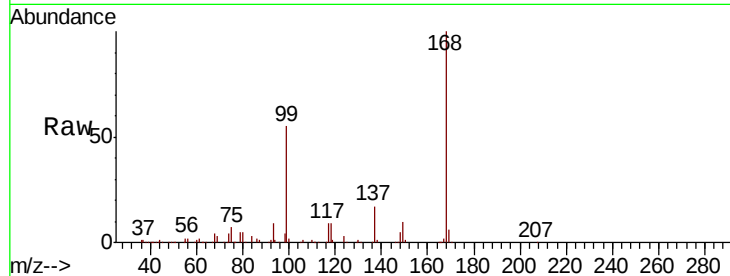


#1

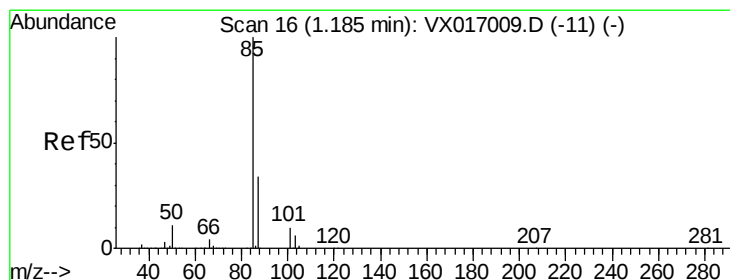
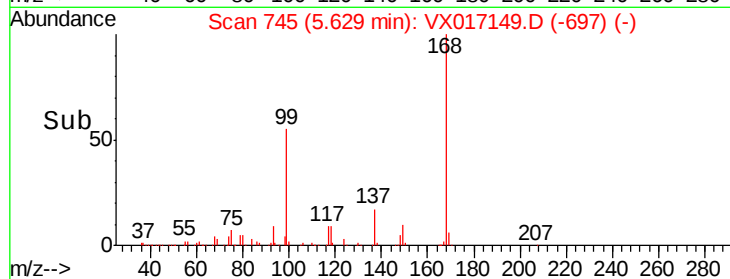
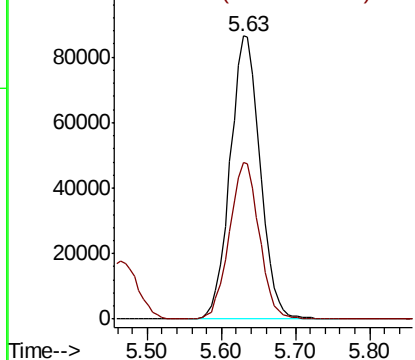
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 244065
 Ion Ratio Lower Upper
 168 100
 99 55.1 42.6 64.0



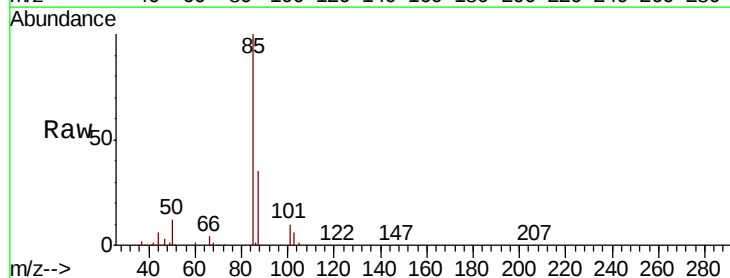
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



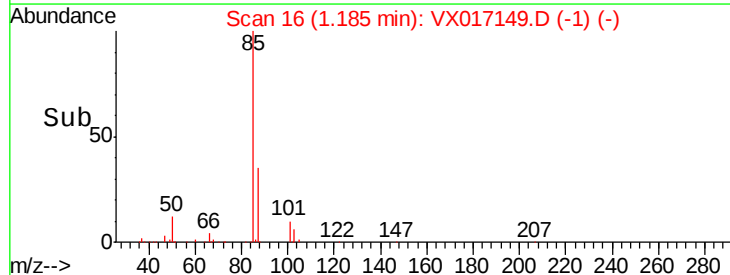
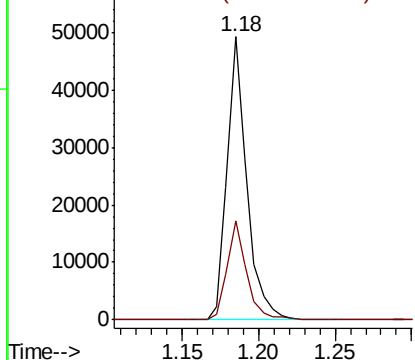
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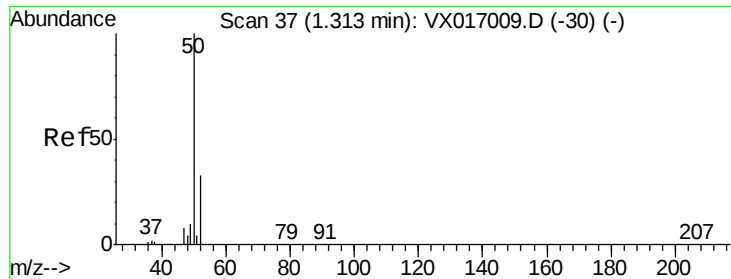
Dichlorodifluoromethane
 Concen: 18.556 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Tgt Ion: 85 Resp: 43814
 Ion Ratio Lower Upper
 85 100
 87 34.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.000 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

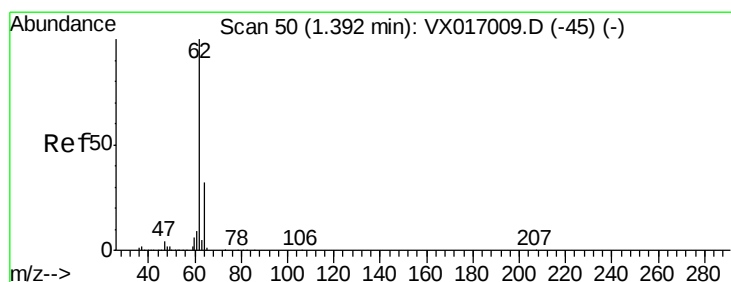
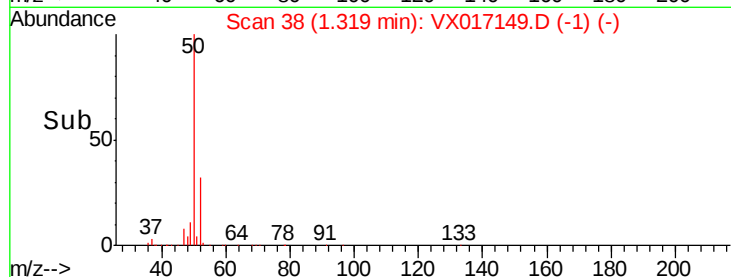
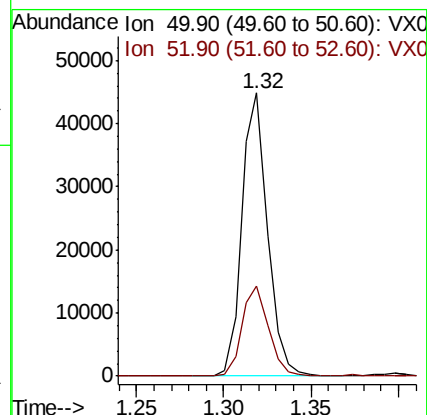
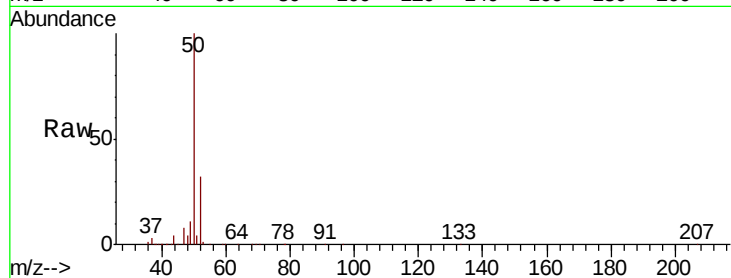
ClientSampleId :

Tot Ion: 50 Resp: 45730

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



#4

Vinyl Chloride

Concen: 16.864 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017149.D

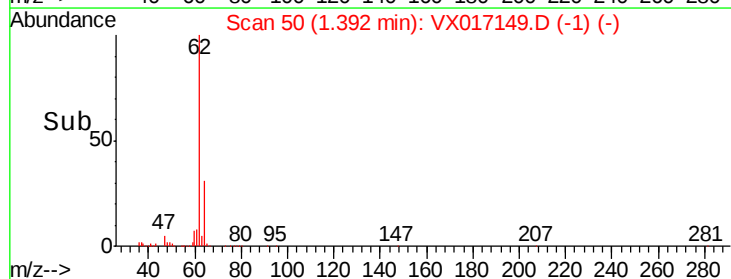
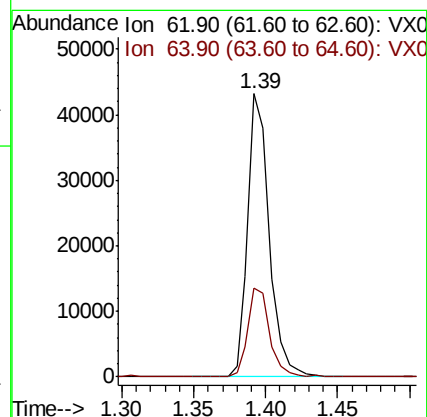
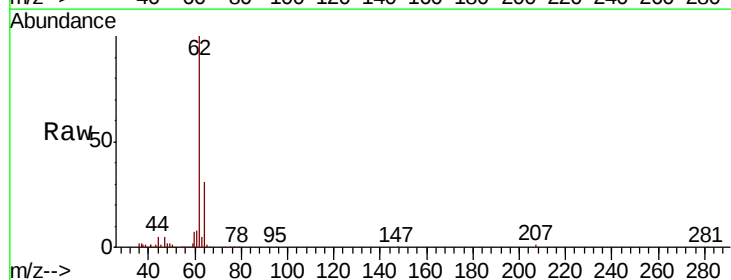
Acq: 02 Jul 2020 15:32

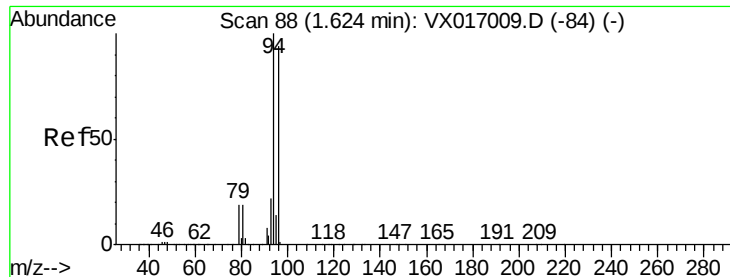
Tgt Ion: 62 Resp: 44720

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 12.753 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

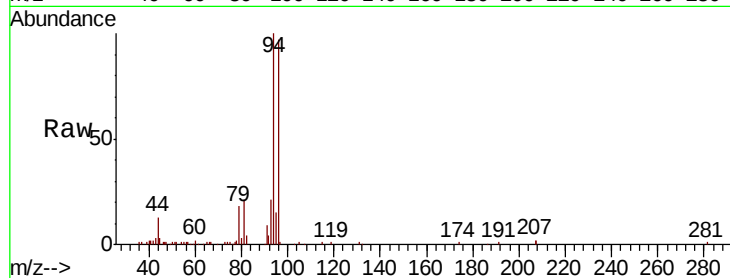
ClientSampled :

Tot Ion: 94 Resp: 17867

Ion Ratio Lower Upper

94 100

96 97.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

15000

10000

5000

0

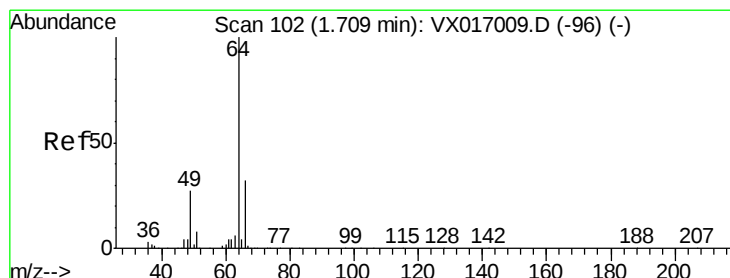
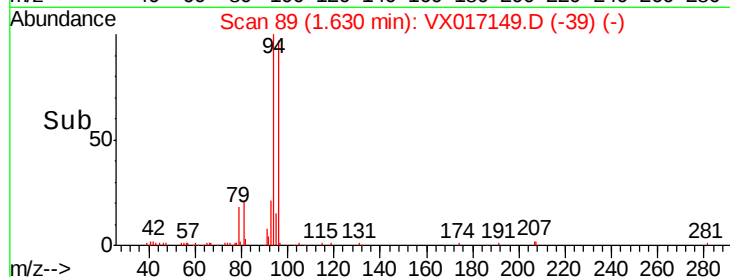
Time-->

1.50

1.60

1.70

1.63



#6

Chloroethane

Concen: 18.533 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017149.D

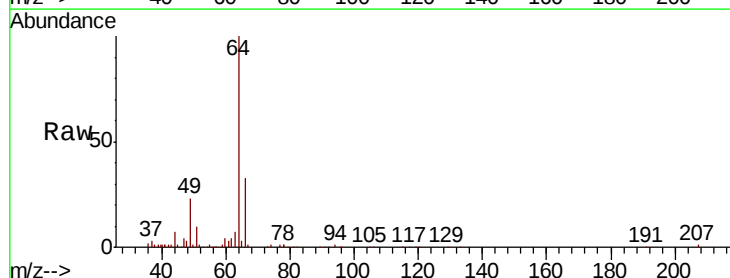
Acq: 02 Jul 2020 15:32

Tgt Ion: 64 Resp: 29026

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

10000

5000

0

Time-->

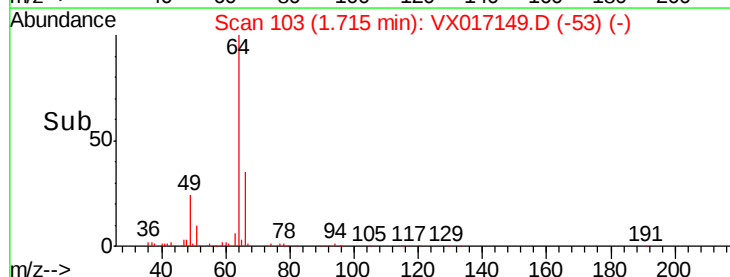
1.65

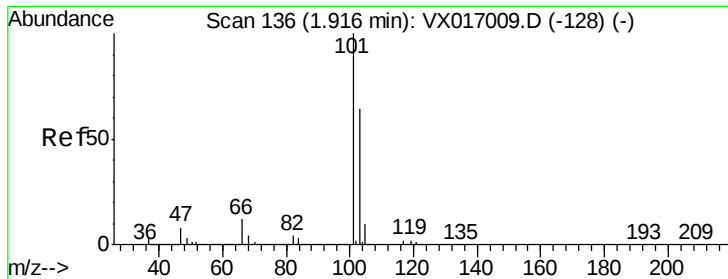
1.70

1.75

1.80

1.72



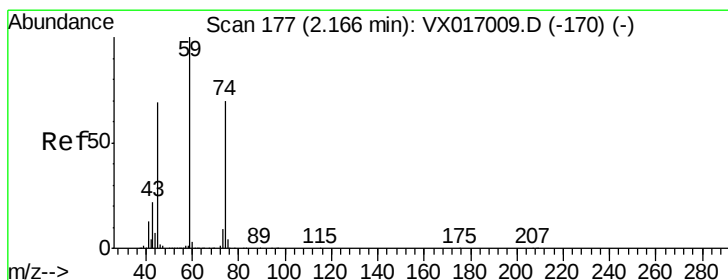
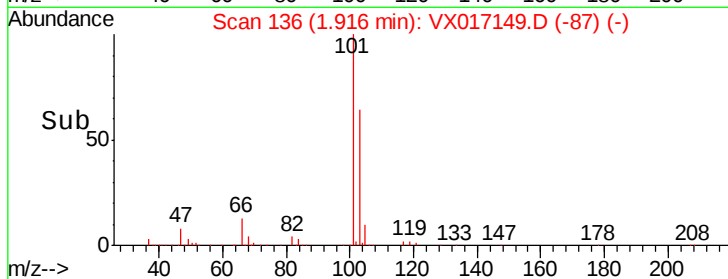
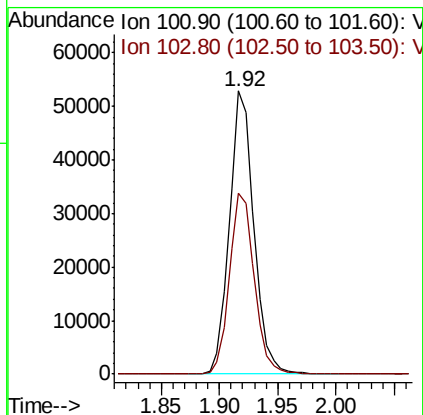
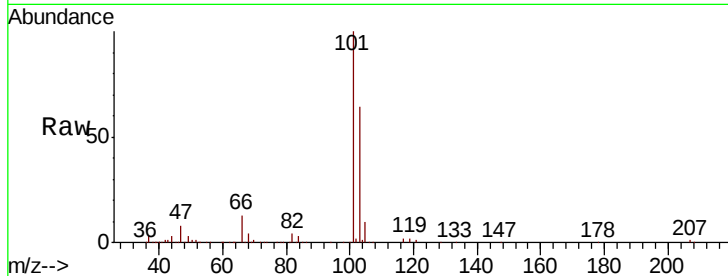


#7

Trichlorofluoromethane
 Concen: 19.737 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Instrument :
 MSVOA_X
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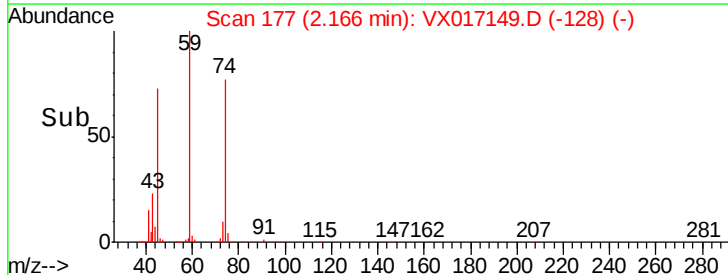
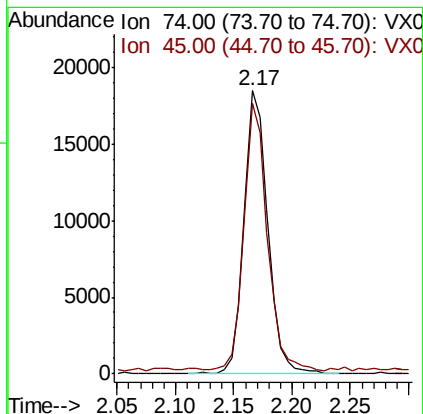
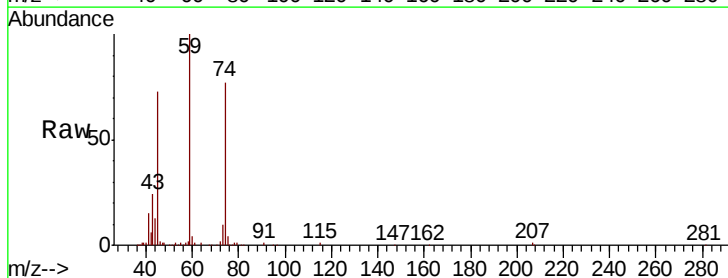
Tot Ion:101 Resp: 77407
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.5 77.3

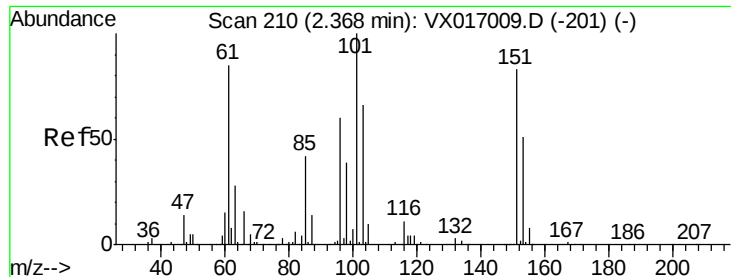


#8

Diethyl Ether
 Concen: 20.335 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Tgt Ion: 74 Resp: 26546
 Ion Ratio Lower Upper
 74 100
 45 93.0 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.096 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

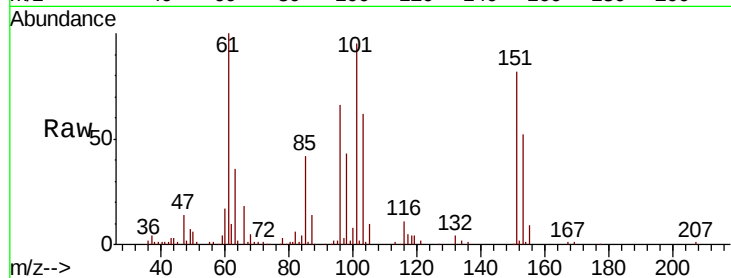
Tot Ion:101 Resp: 42535

Ion Ratio Lower Upper

101 100

85 44.6 33.5 50.3

151 83.9 63.8 95.6

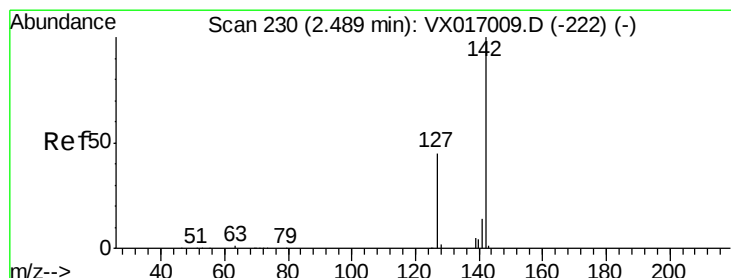
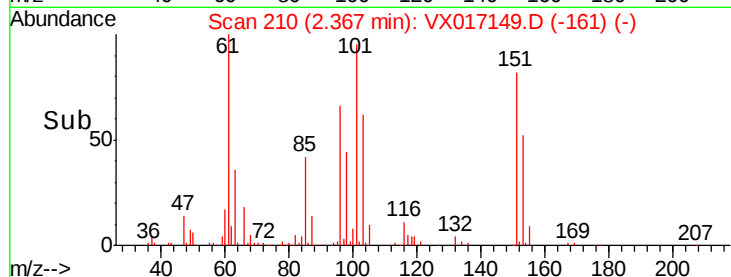
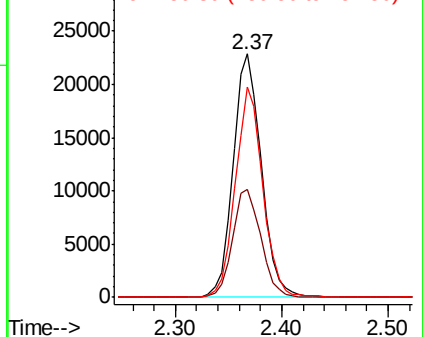


Abundance

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: 5.441 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

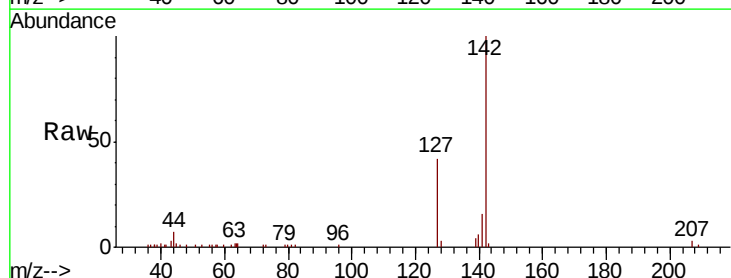
Tgt Ion:142 Resp: 16504

Ion Ratio Lower Upper

142 100

127 44.2 36.6 54.8

141 15.2 11.6 17.4

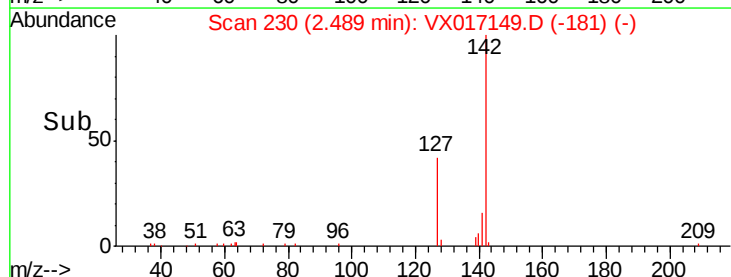
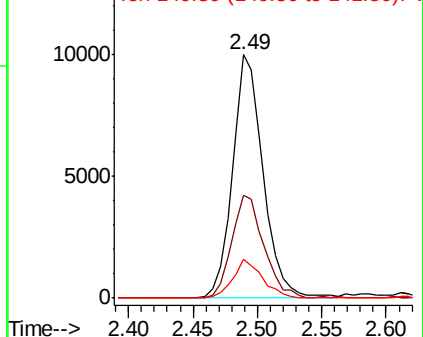


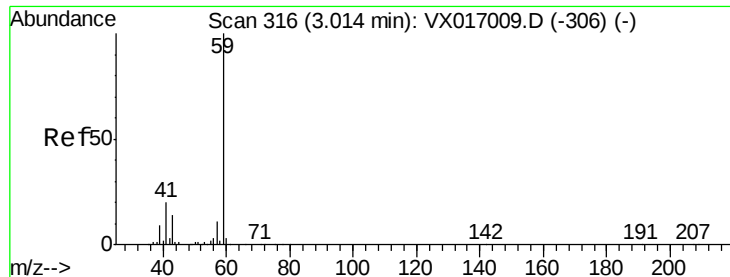
Abundance

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

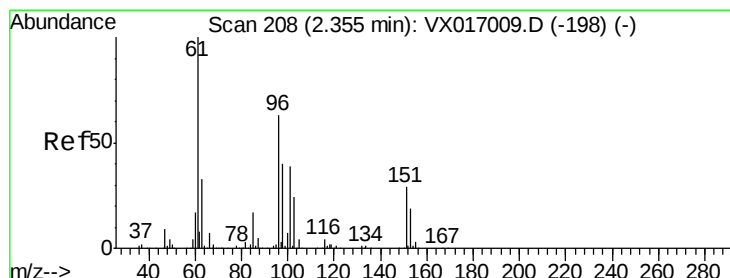
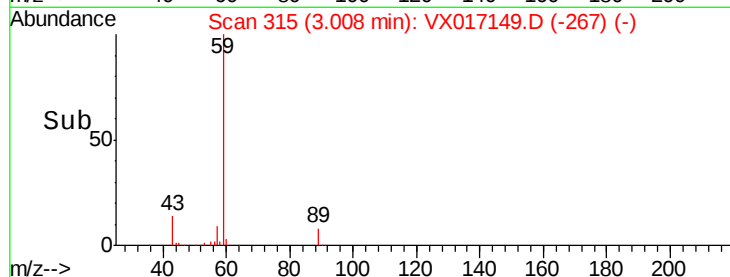
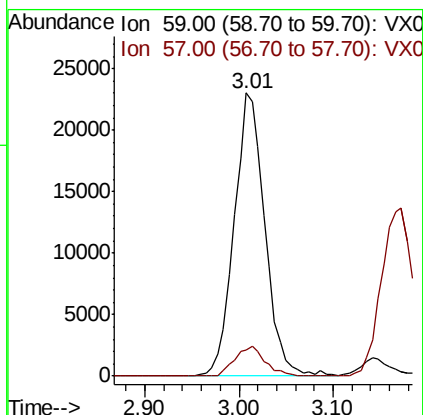
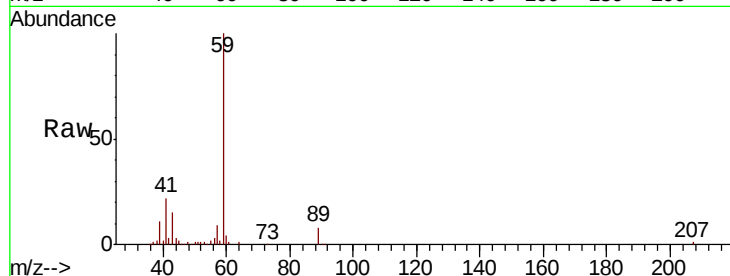




#11
Tert butyl alcohol
Concen: 91.276 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

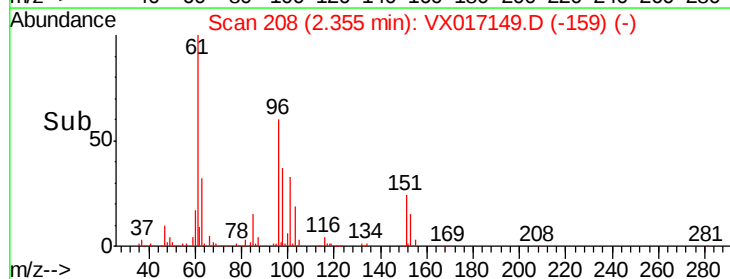
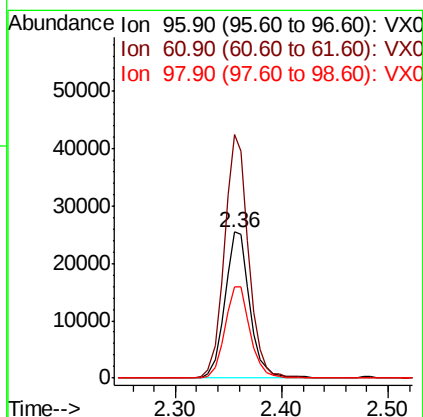
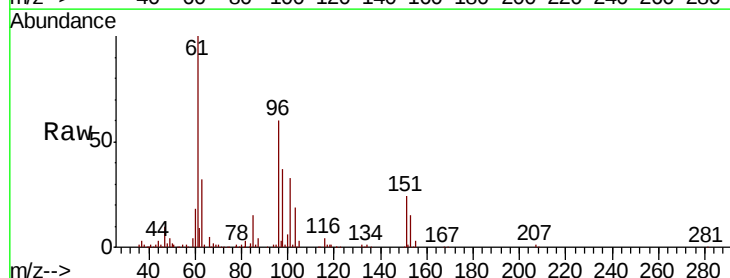
Instrument :
MSVOA_X
ClientSampled :

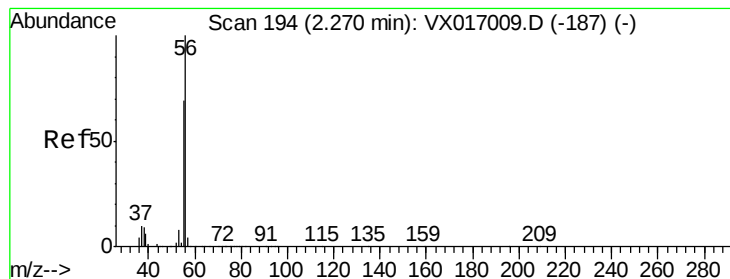
Tot Ion: 59 Resp: 52392
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.145 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 96 Resp: 41400
Ion Ratio Lower Upper
96 100
61 167.0 126.3 189.5
98 62.5 51.0 76.6





#13

Acrolein

Concen: 61.415 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

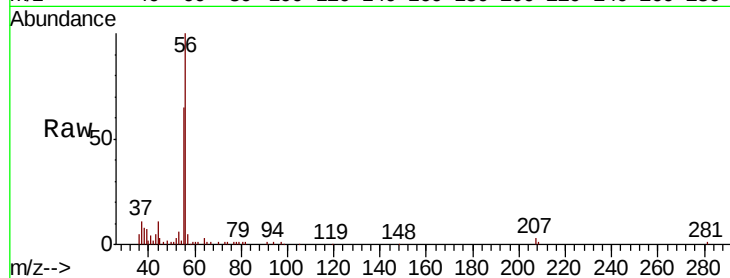
ClientSampleId :

Tot Ion: 56 Resp: 21073

Ion Ratio Lower Upper

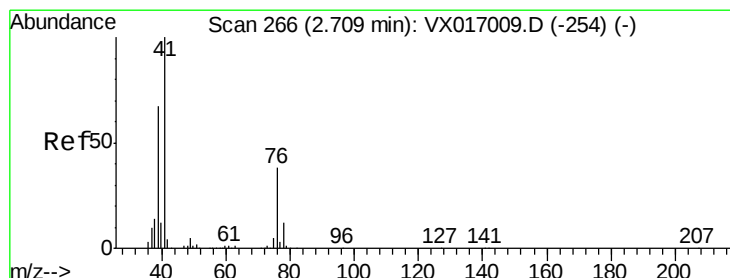
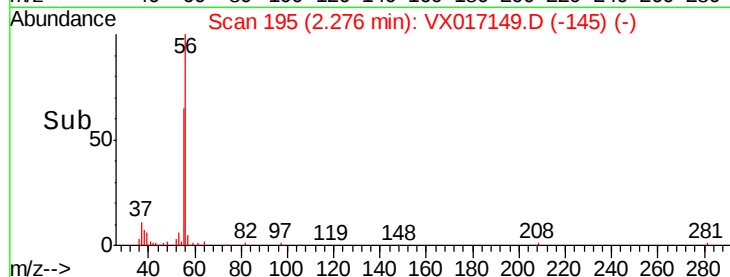
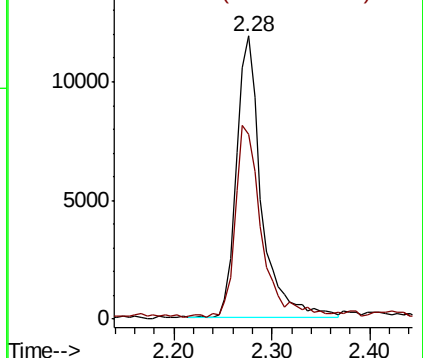
56 100

55 71.6 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.339 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

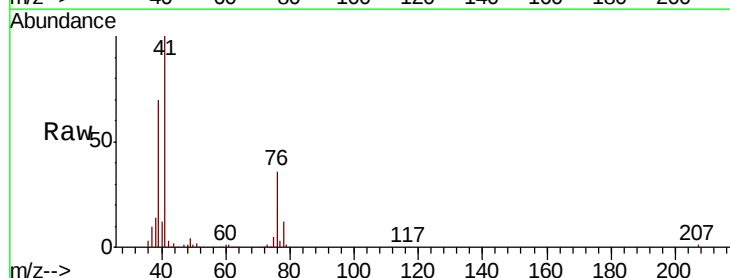
Tgt Ion: 41 Resp: 77377

Ion Ratio Lower Upper

41 100

39 64.8 49.4 74.2

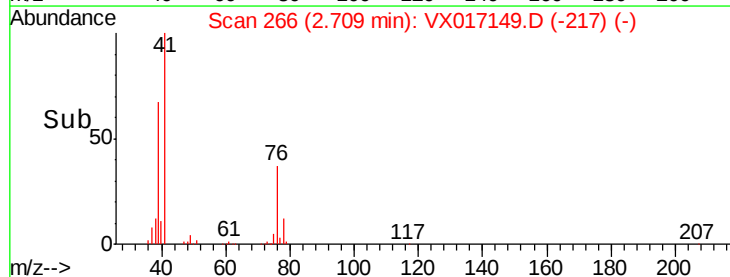
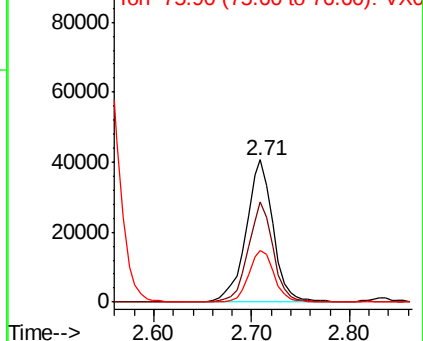
76 34.3 26.8 40.2

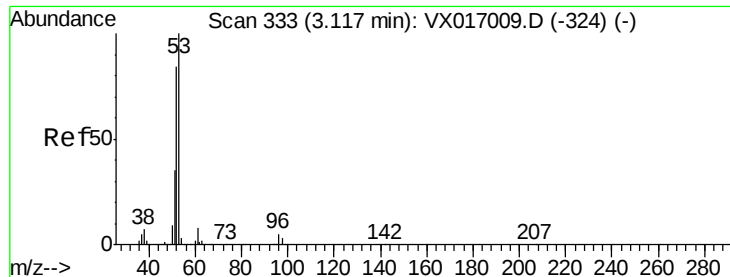


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 90.982 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

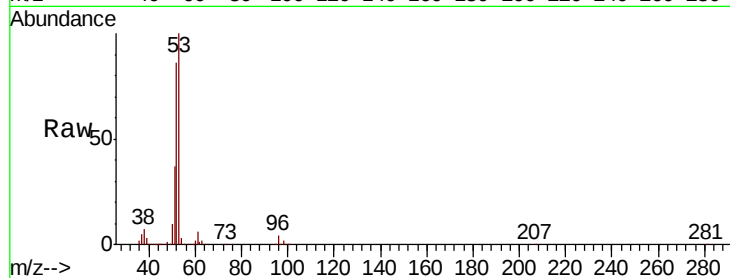
Tot Ion: 53 Resp: 125542

Ion Ratio Lower Upper

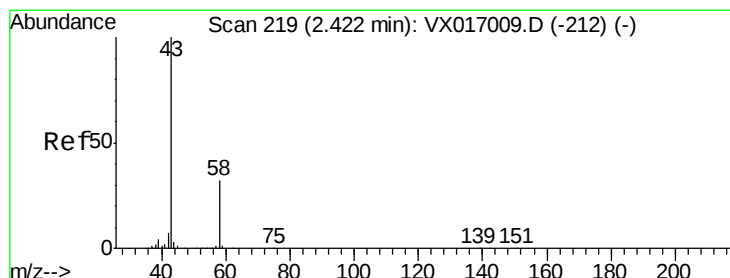
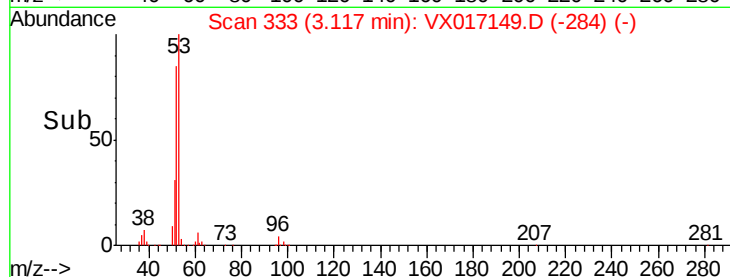
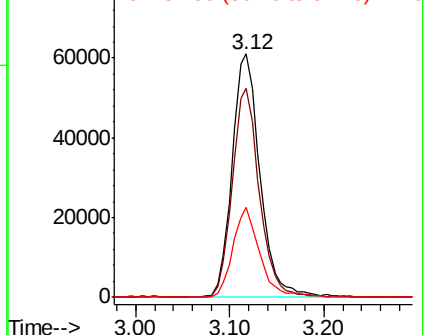
53 100

52 83.8 65.6 98.4

51 36.3 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: 97.761 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017149.D

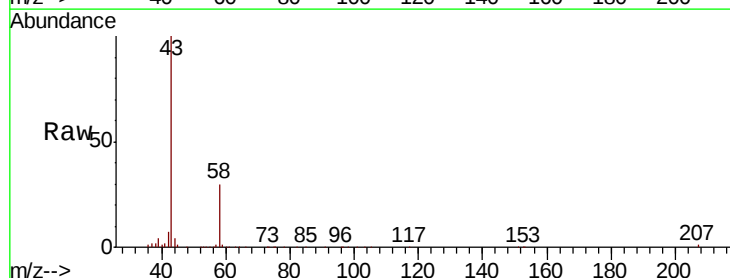
Acq: 02 Jul 2020 15:32

Tgt Ion: 43 Resp: 110037

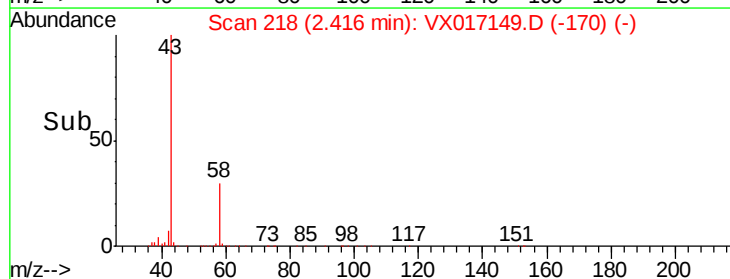
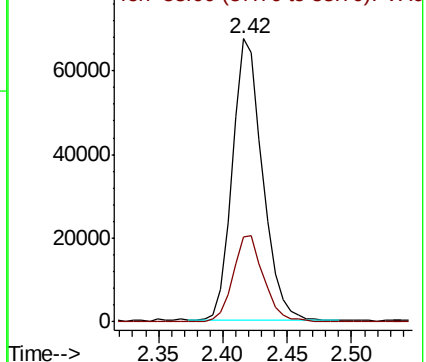
Ion Ratio Lower Upper

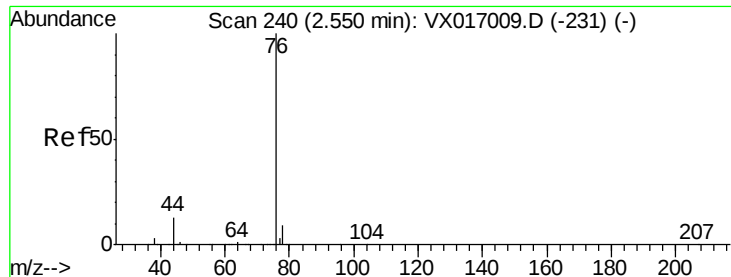
43 100

58 30.2 25.7 38.5



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

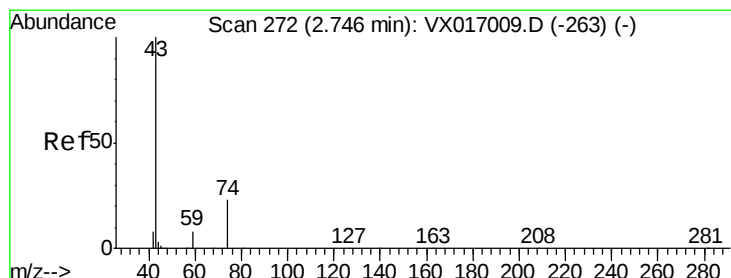
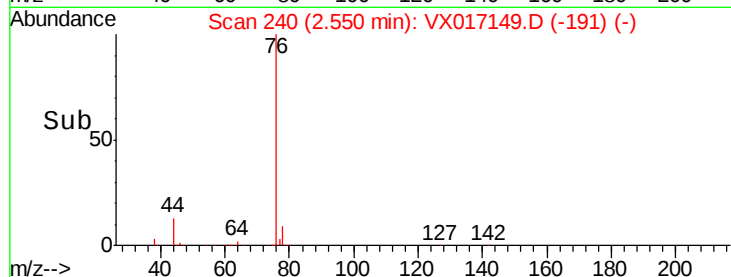
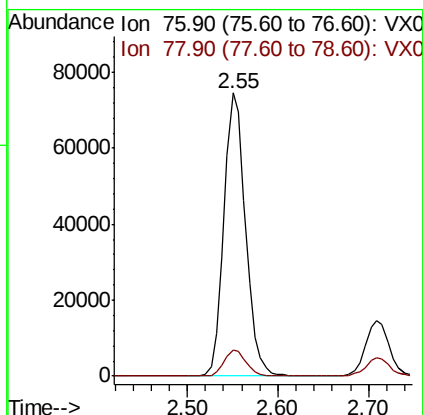
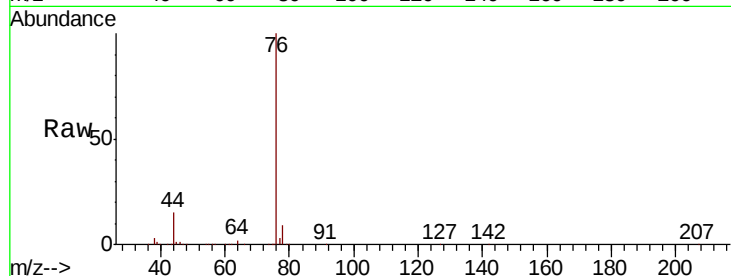




#17
Carbon Disulfide
Concen: 18.407 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

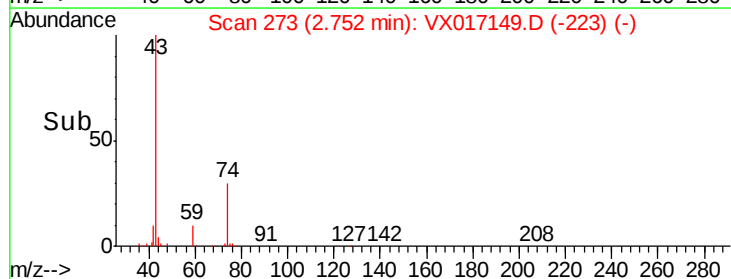
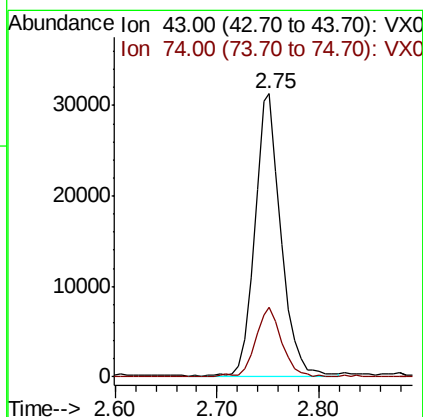
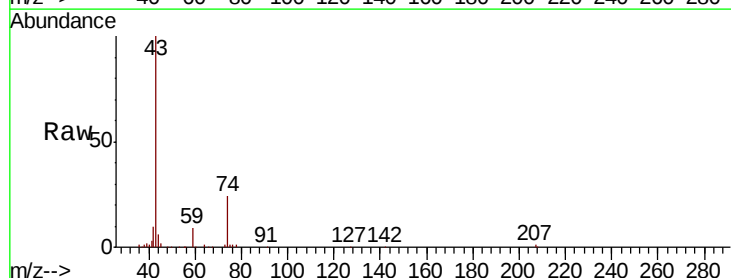
Instrument :
MSVOA_X
ClientSampleId :

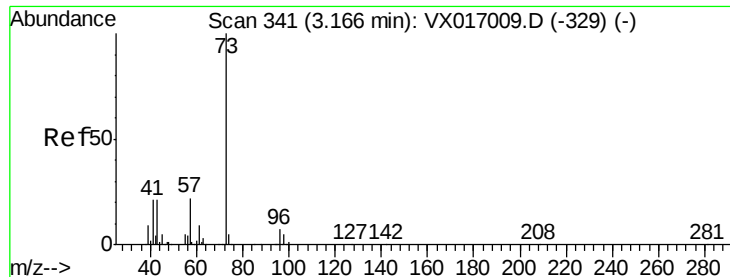
Tot Ion: 76 Resp: 123935
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 18.889 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 43 Resp: 55502
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9

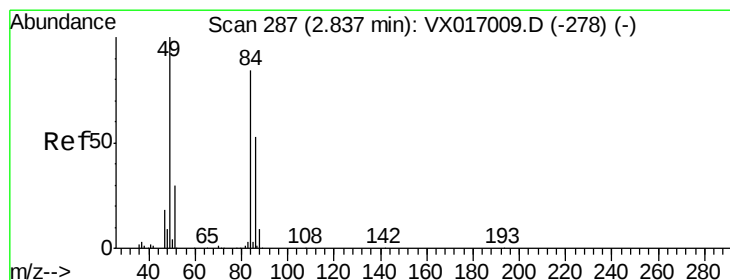
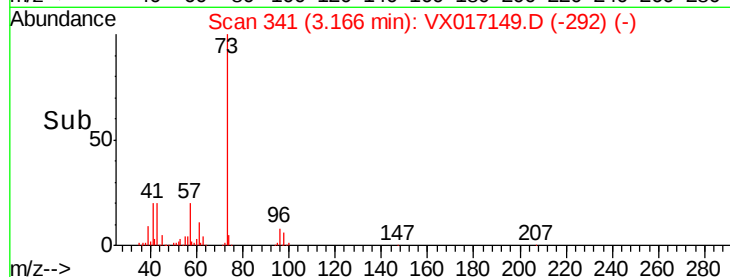
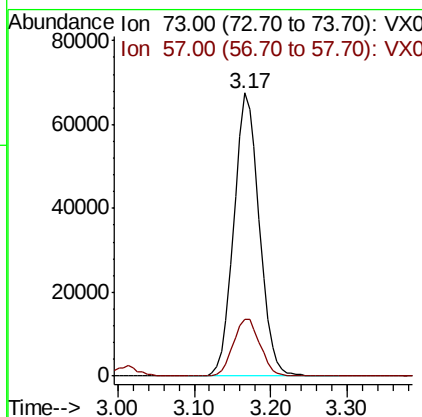
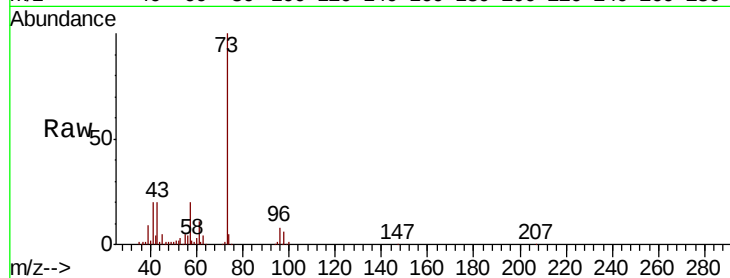




#19
Methvl tert-butvl Ether
Concen: 19.167 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

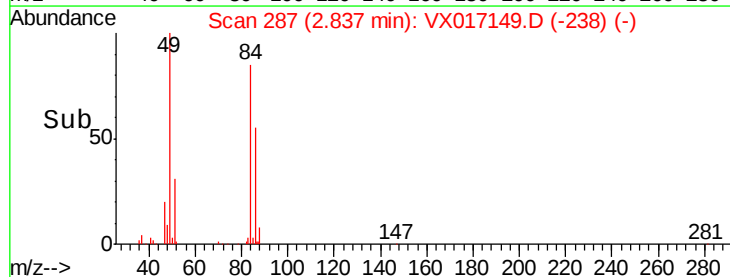
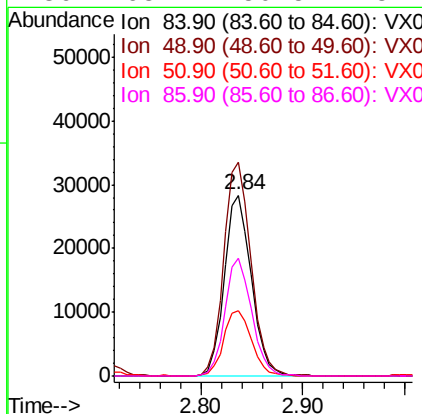
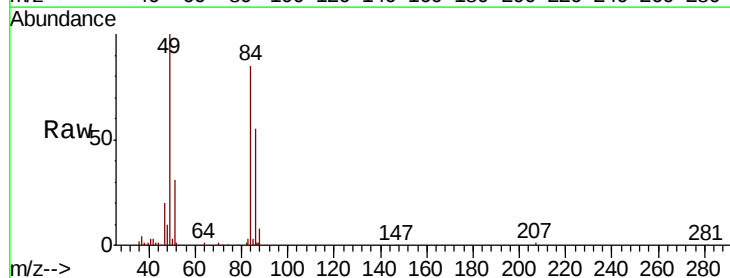
Instrument :
MSVOA_X
ClientSampleId :

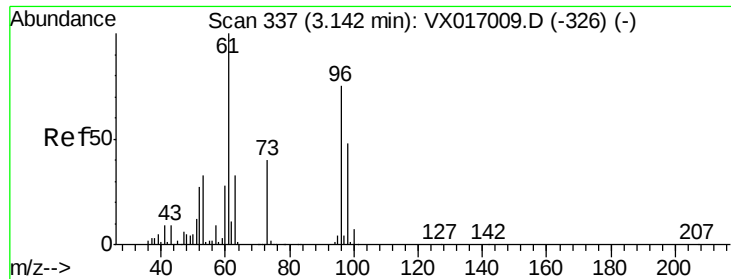
Tot Ion: 73 Resp: 155335
Ion Ratio Lower Upper
73 100
57 19.9 17.6 26.4



#20
Methylene Chloride
Concen: 19.539 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 84 Resp: 51671
Ion Ratio Lower Upper
84 100
49 118.0 94.7 142.1
51 36.0 28.6 42.8
86 65.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.225 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

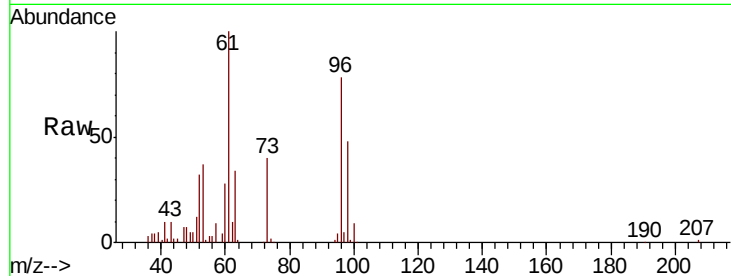
Tot Ion: 96 Resp: 48836

Ion Ratio Lower Upper

96 100

61 128.0 107.0 160.6

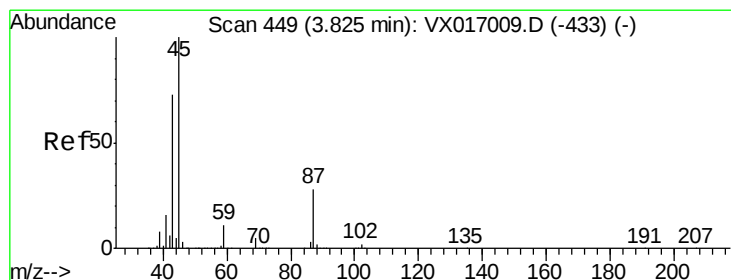
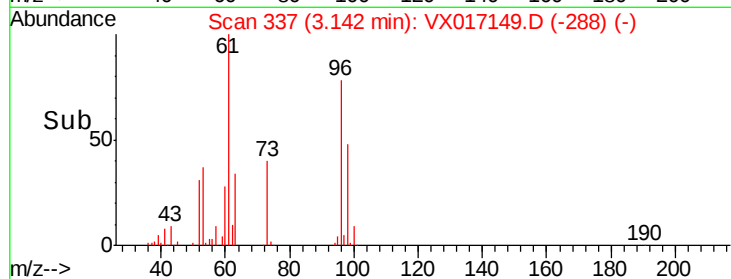
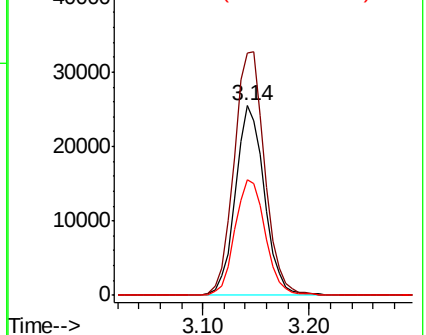
98 61.1 51.6 77.4



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: 18.688 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Tgt Ion: 45 Resp: 154349

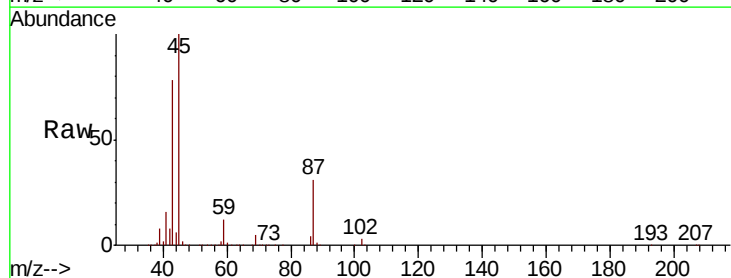
Ion Ratio Lower Upper

45 100

43 77.5 58.6 88.0

87 30.6 22.6 34.0

59 11.5 8.7 13.1

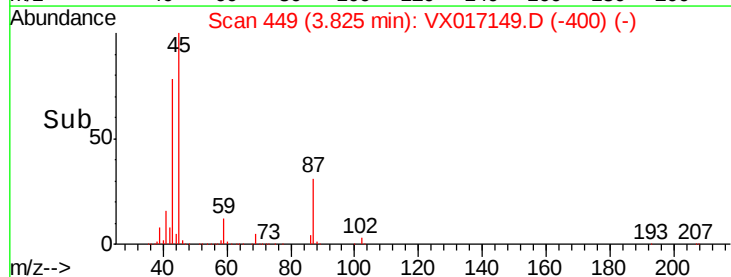
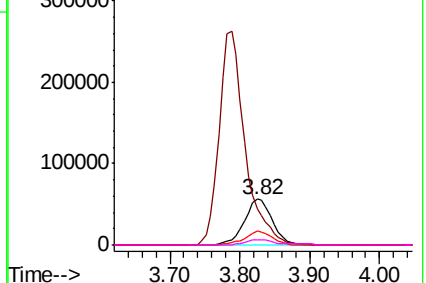


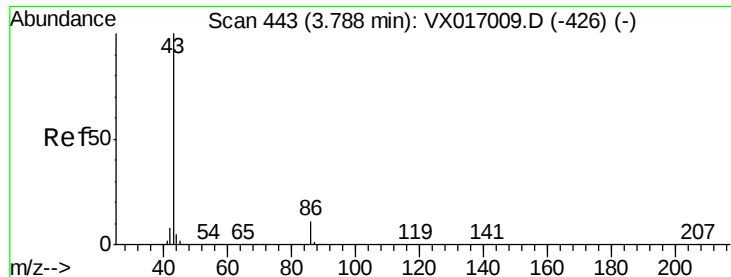
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 95.340 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

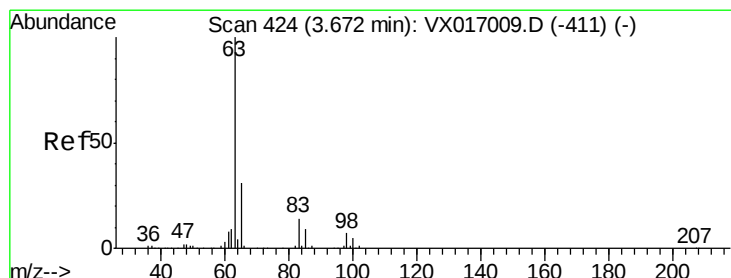
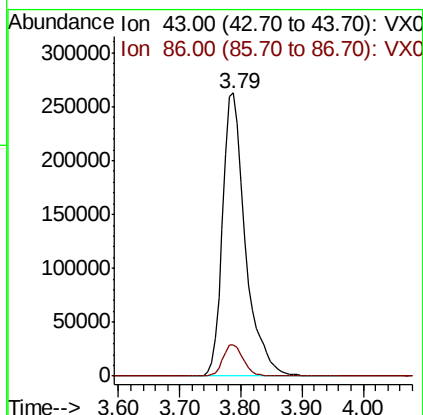
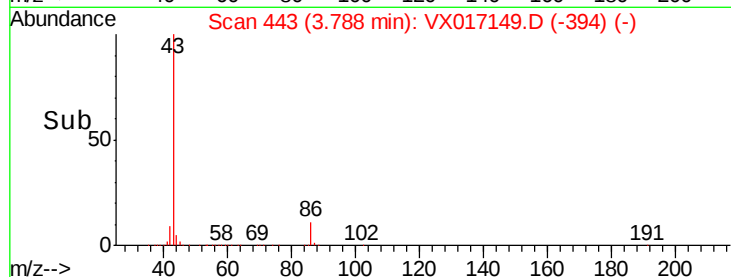
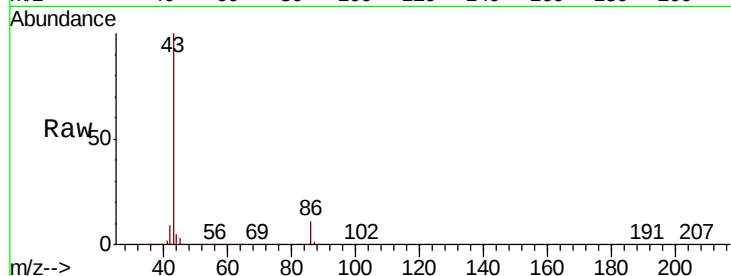
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 676659

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



#24

1,1-Dichloroethane

Concen: 18.311 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

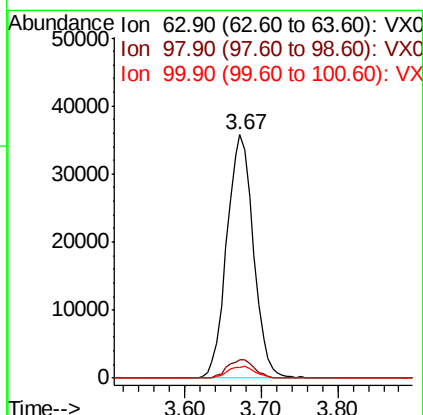
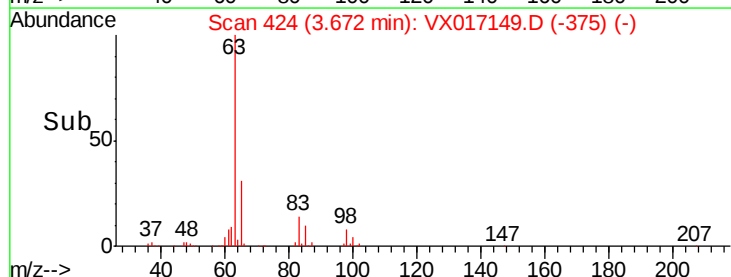
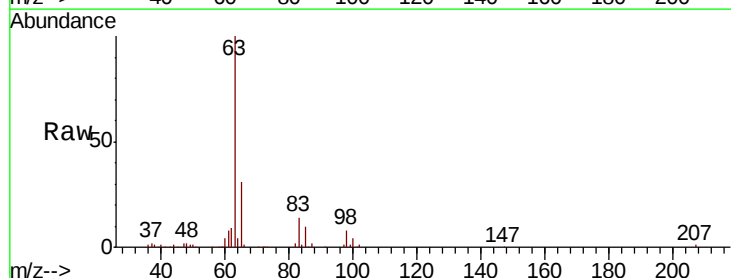
Tgt Ion: 63 Resp: 86053

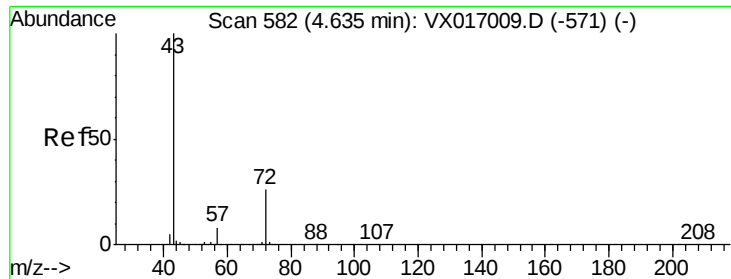
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 91.561 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

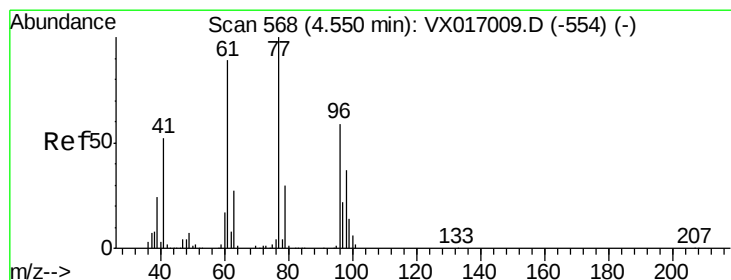
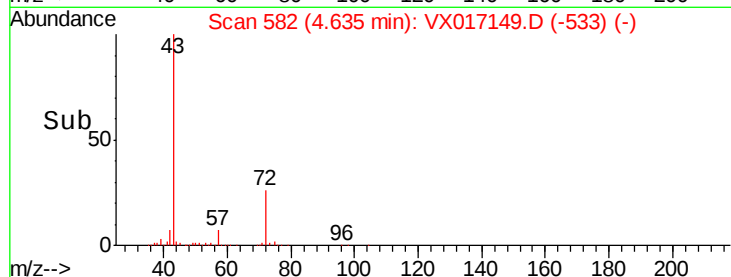
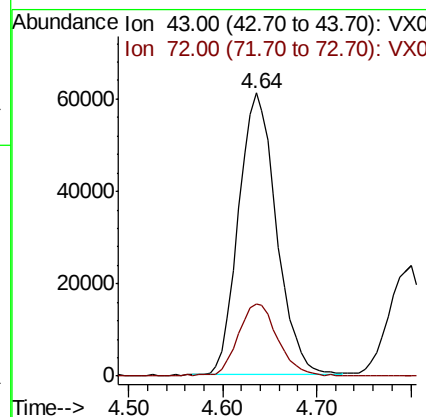
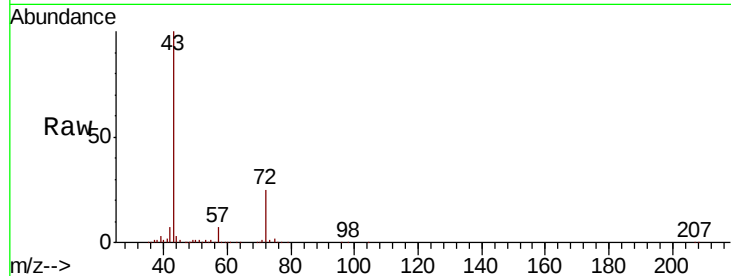
ClientSampled :

Tot Ion: 43 Resp: 171723

Ion Ratio Lower Upper

43 100

72 25.4 20.8 31.2



#26

2,2-Dichloropropane

Concen: 17.952 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017149.D

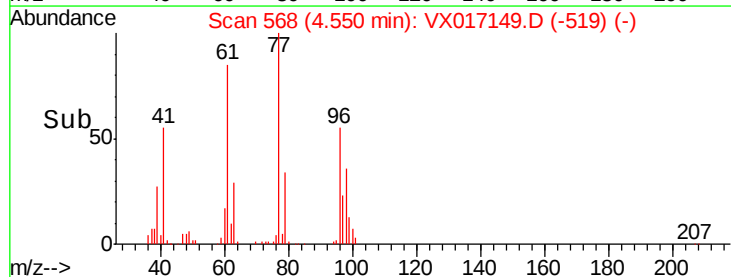
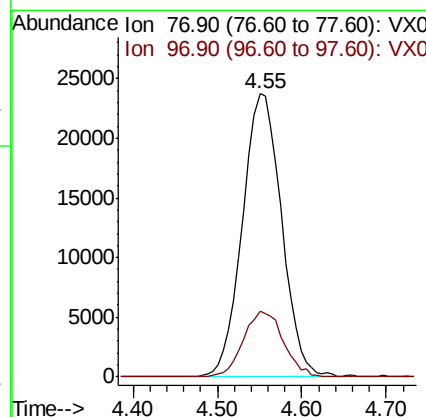
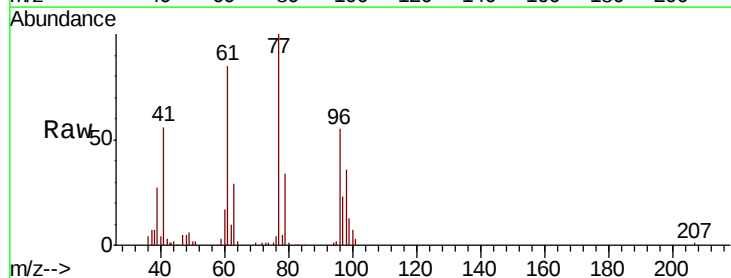
Acq: 02 Jul 2020 15:32

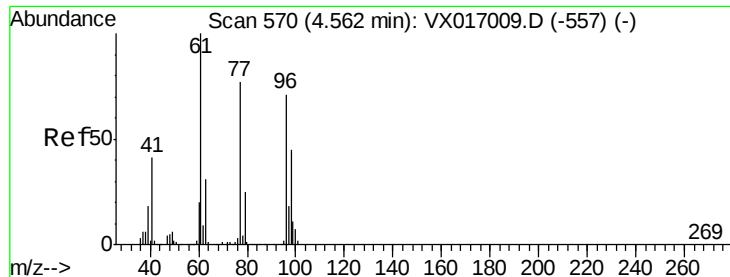
Tgt Ion: 77 Resp: 74911

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.2



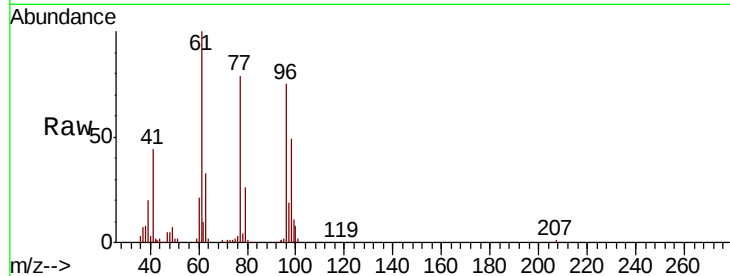


#27

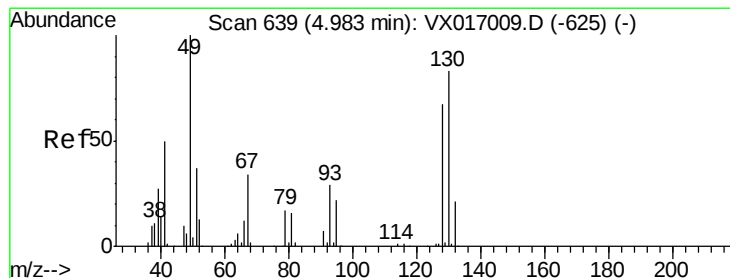
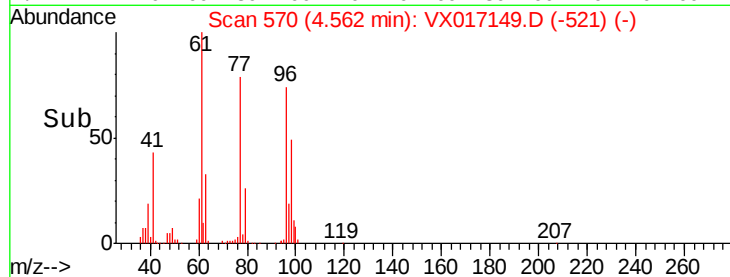
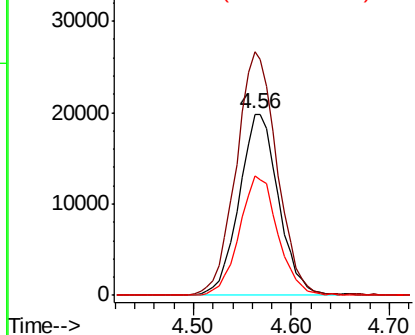
cis-1,2-Dichloroethene
Concen: 18.246 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	55398
Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	282.8
98	64.6	0.0	127.6



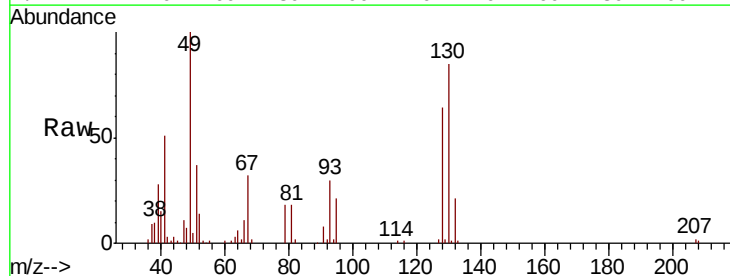
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



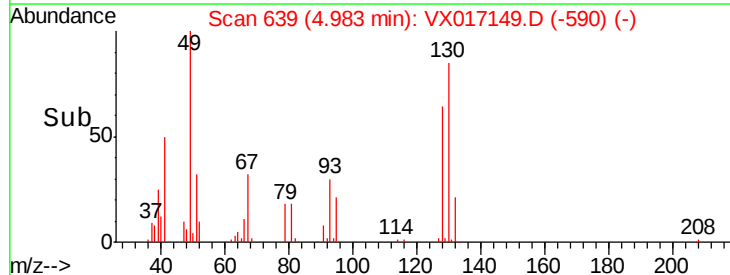
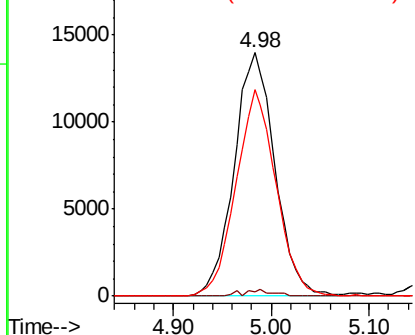
#28

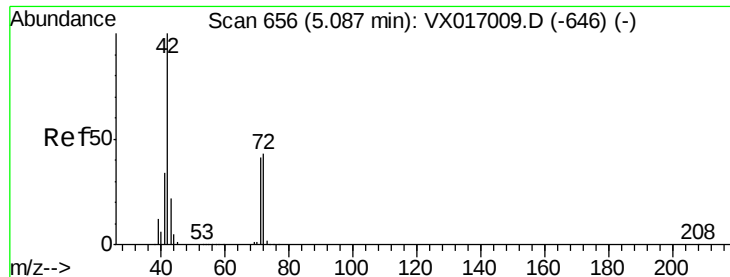
Bromochloromethane
Concen: 17.688 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion	49	Resp	40450
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	83.4	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

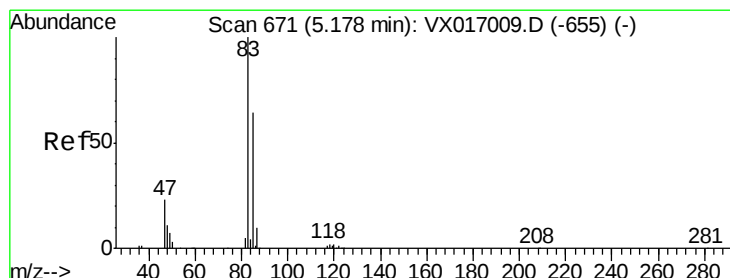
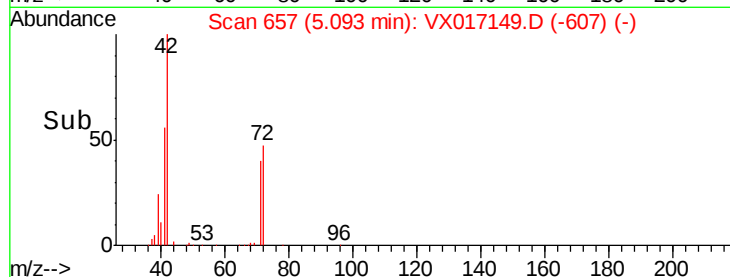
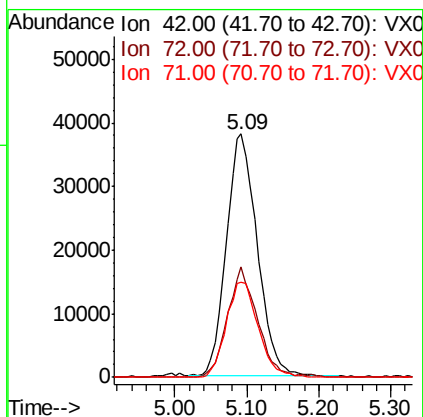
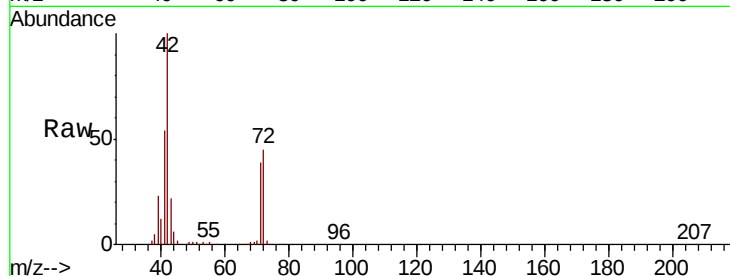




#29
Tetrahydrofuran
Concen: 91.768 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

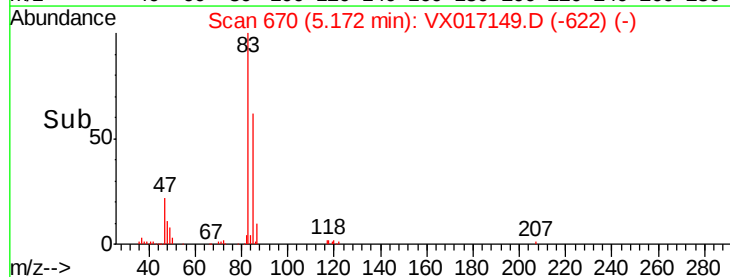
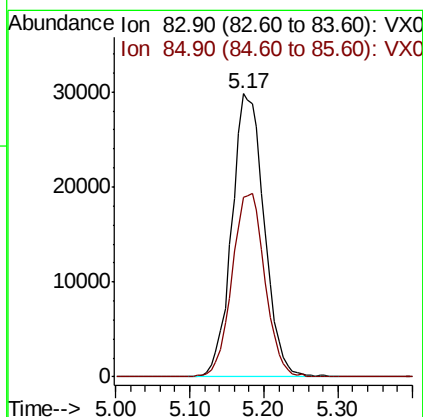
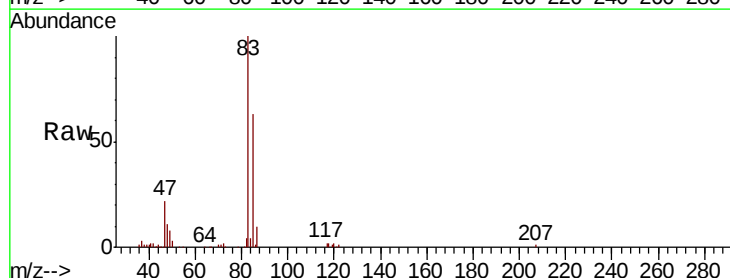
Instrument :
MSVOA_X
ClientSampled :

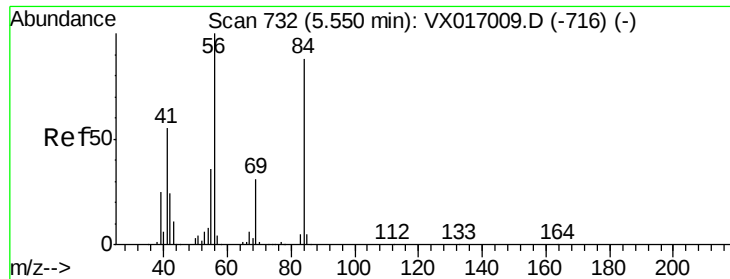
Tot Ion: 42 Resp: 113717
Ion Ratio Lower Upper
42 100
72 44.1 35.3 52.9
71 40.8 33.1 49.7



#30
Chloroform
Concen: 18.859 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 83 Resp: 90855
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2

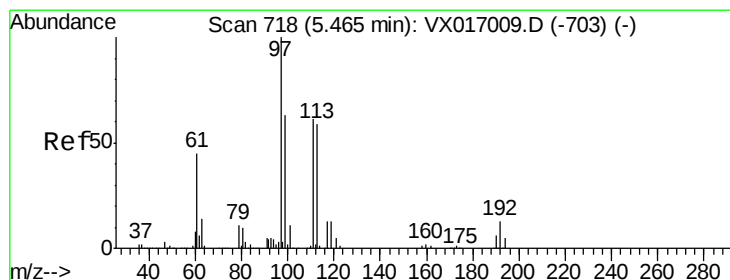
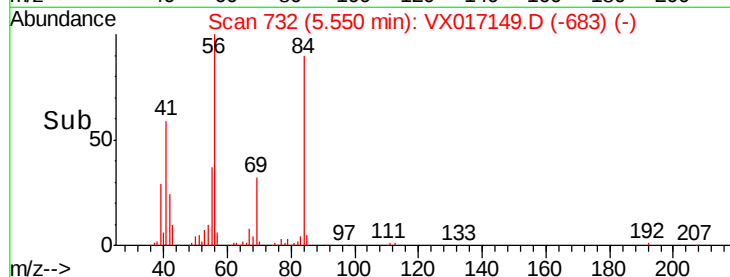
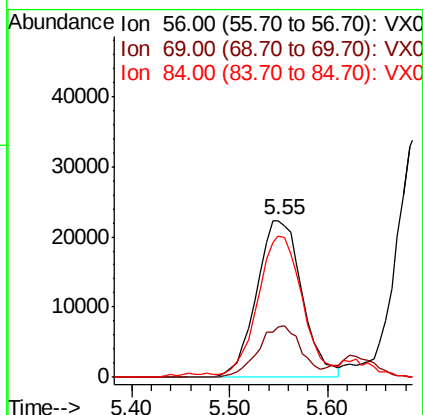
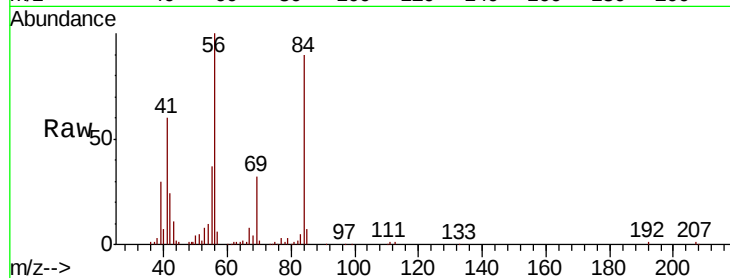




#31
Cvclohexane
Concen: 17.758 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

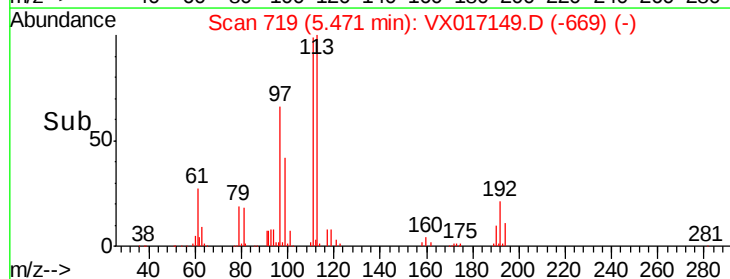
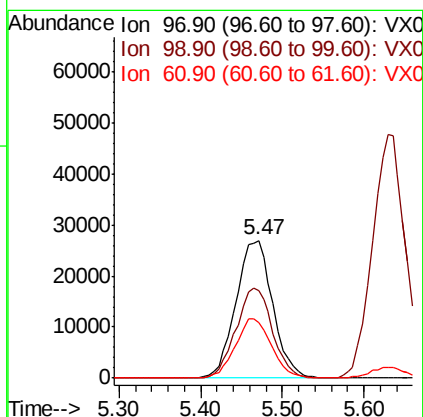
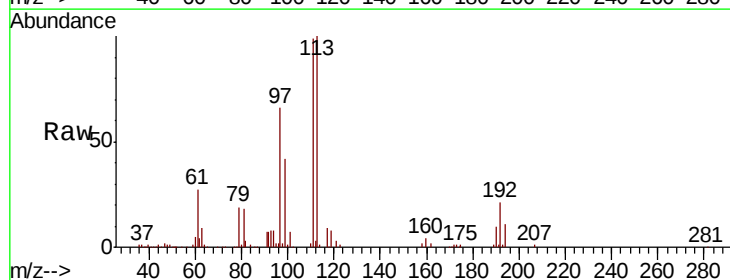
Instrument :
MSVOA_X
ClientSampleId :

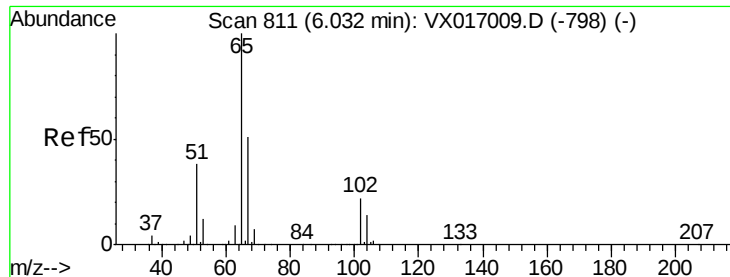
Tot Ion: 56 Resp: 72138
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.4
84 87.1 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 18.946 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 97 Resp: 84059
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 43.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 48.008 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

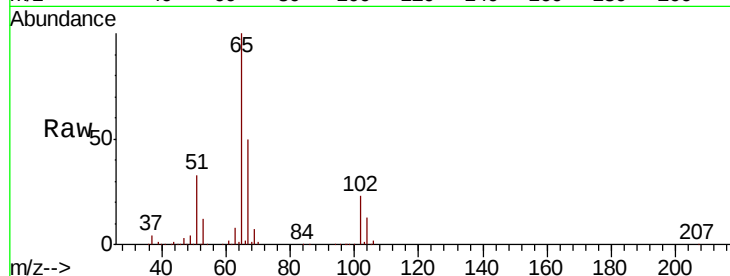
ClientSampleId :

Tot Ion: 65 Resp: 144447

Ion Ratio Lower Upper

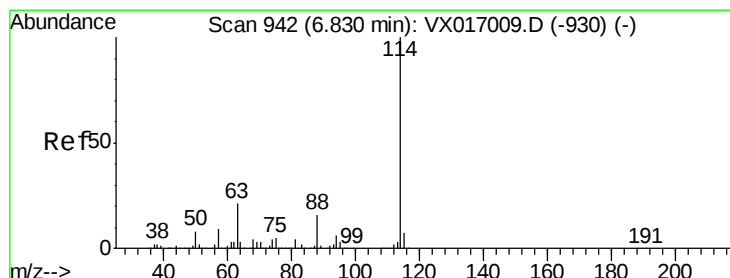
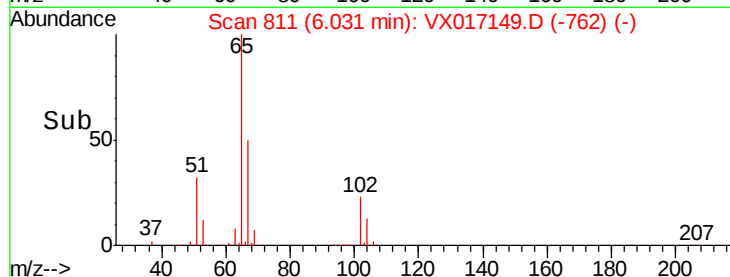
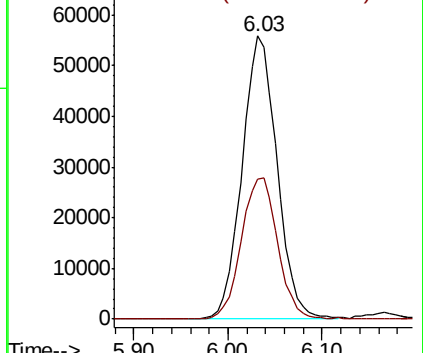
65 100

67 51.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

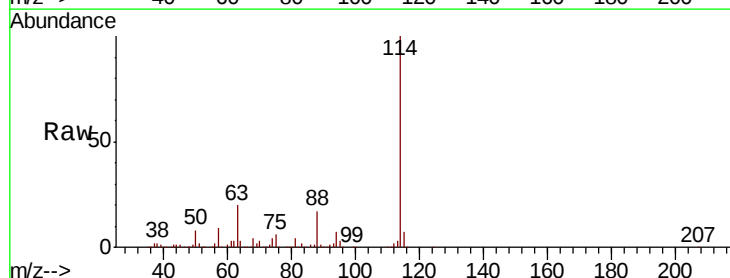
Tgt Ion: 114 Resp: 374238

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

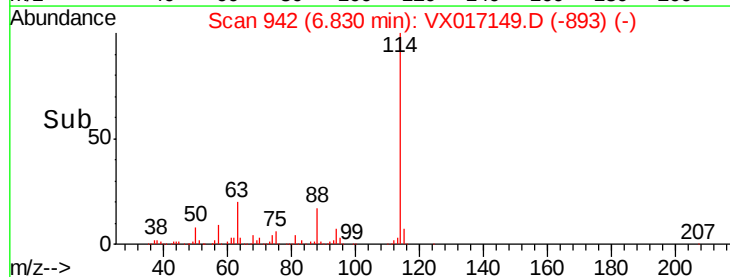
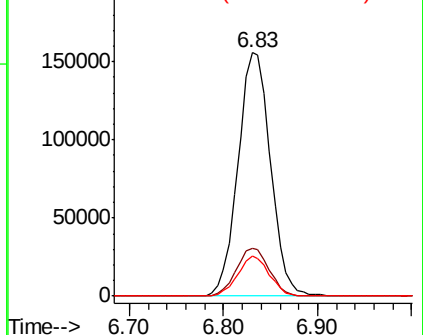
88 16.7 0.0 32.4

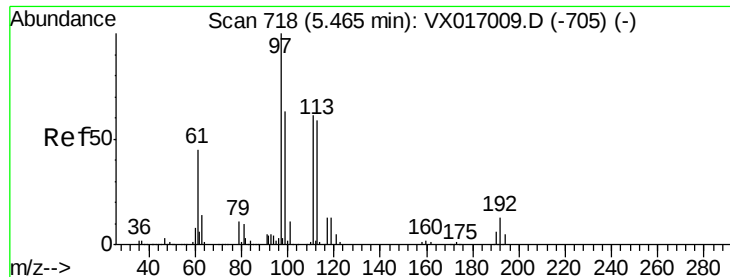


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.260 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

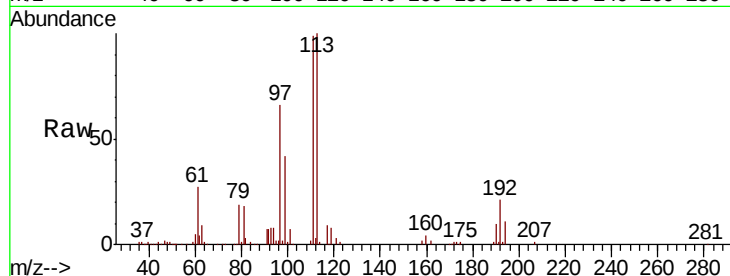
Tot Ion:113 Resp: 118981

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

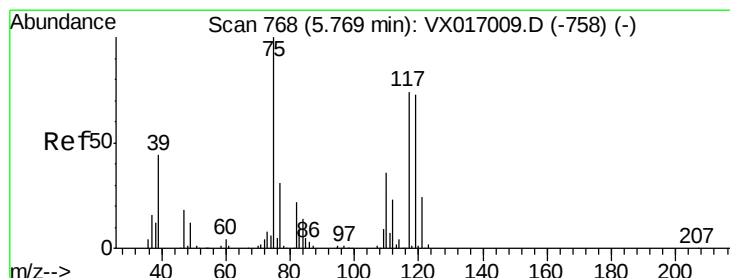
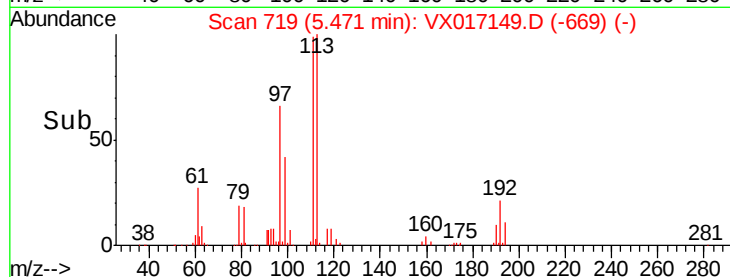
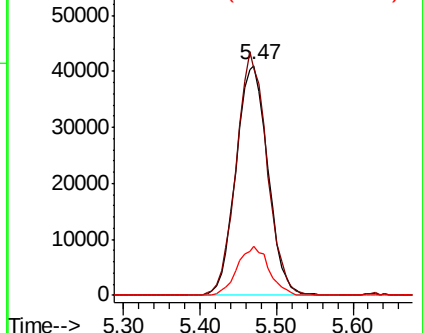
192 21.2 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.805 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

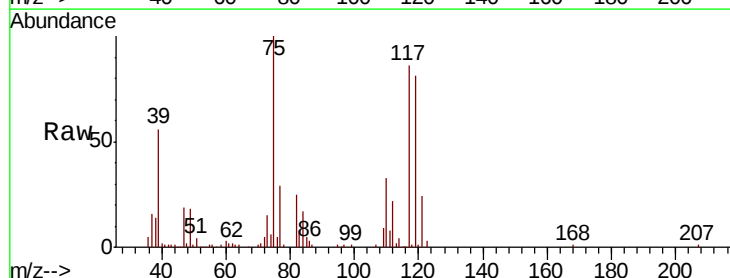
Tgt Ion: 75 Resp: 66512

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.1

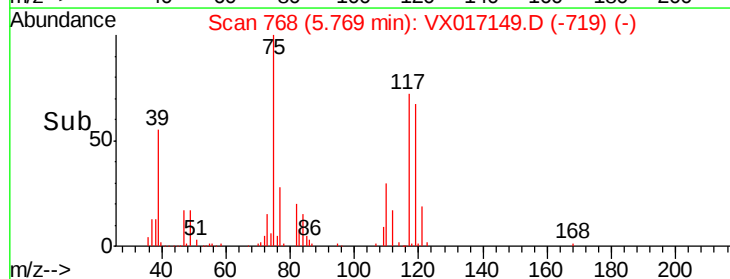
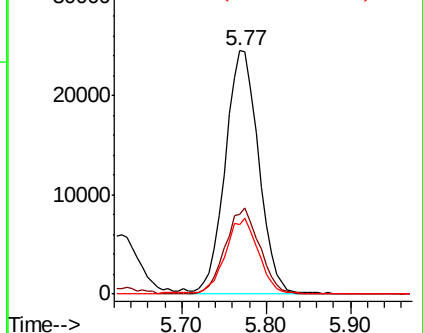
77 30.8 24.6 37.0

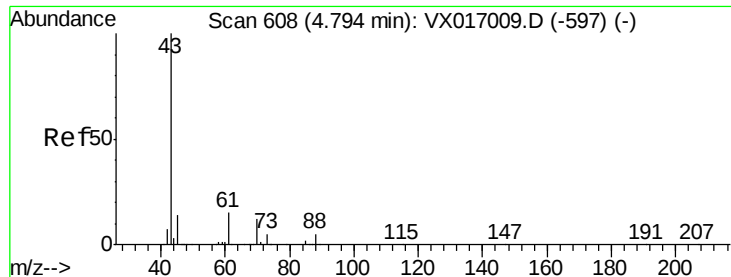


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

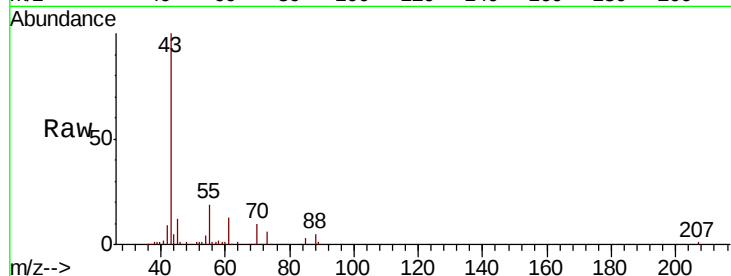




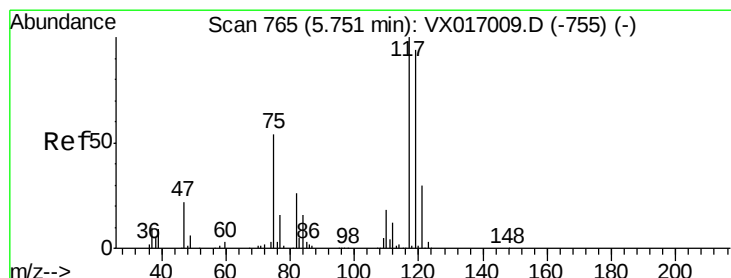
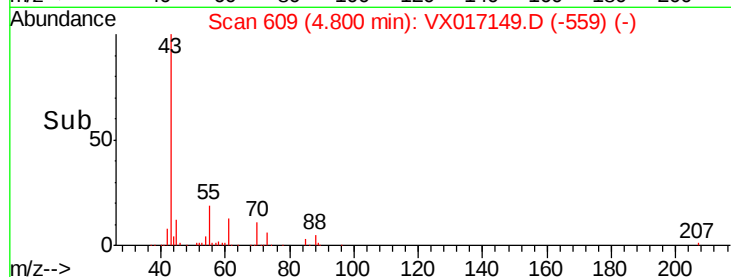
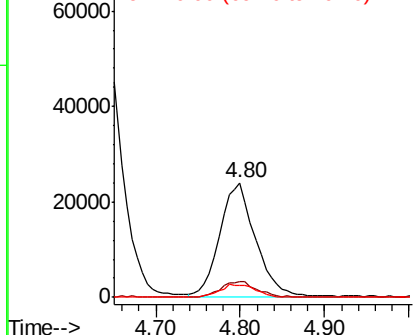
#37
Ethyl Acetate
Concen: 19.248 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 69074
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.4
70 11.7 8.9 13.3

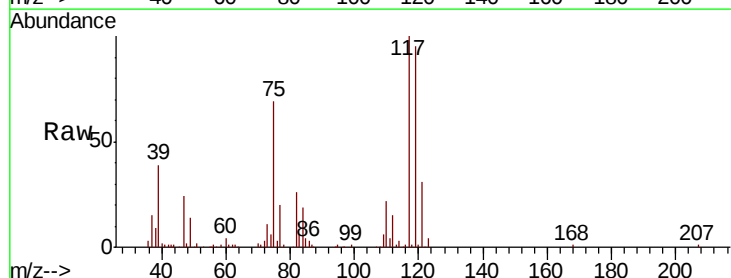


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

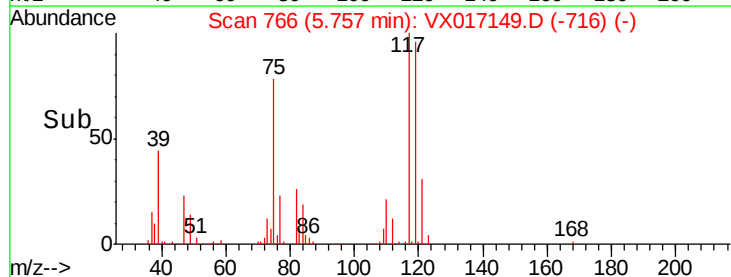
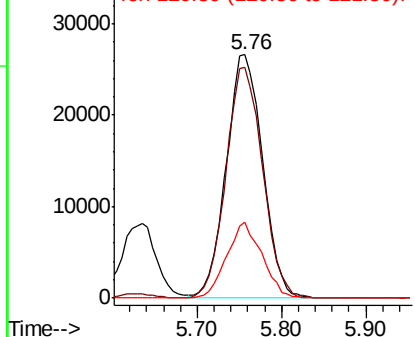


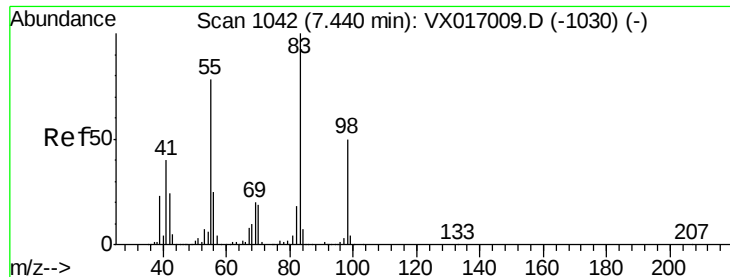
#38
Carbon Tetrachloride
Concen: 20.034 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 117 Resp: 78046
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
121 31.1 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

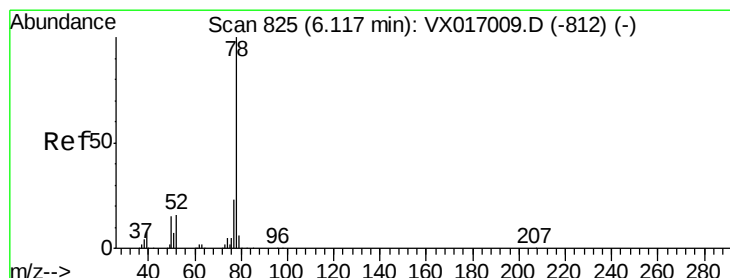
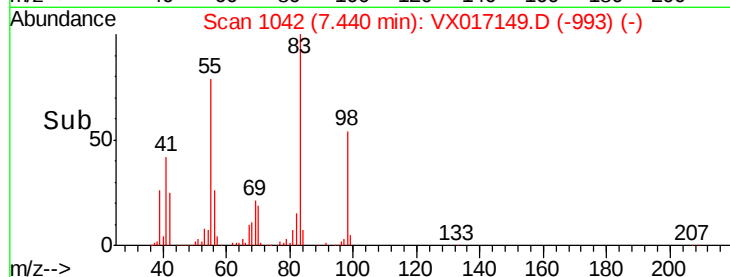
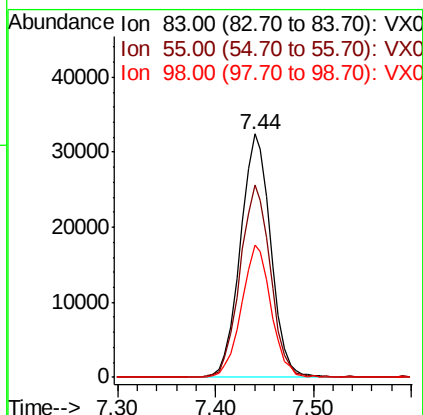
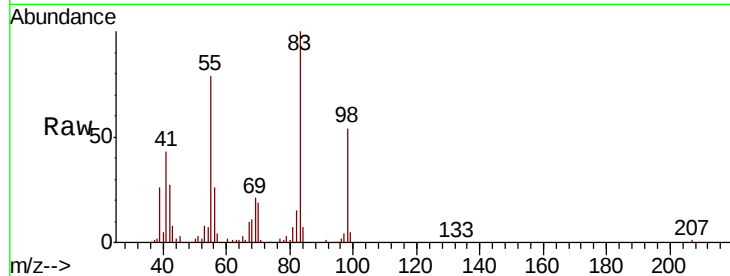




#39
Methvlcvclohexane
Concen: 17.753 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

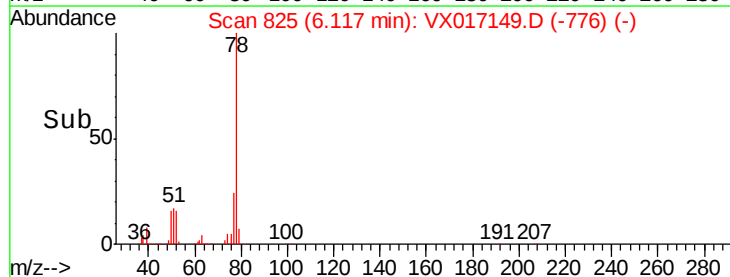
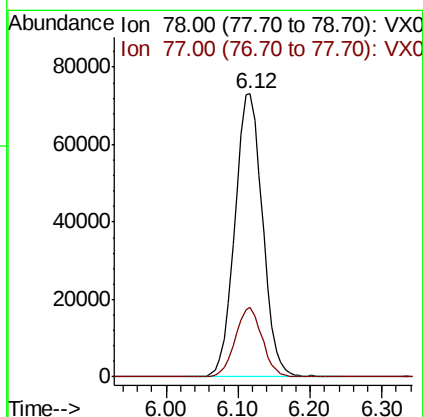
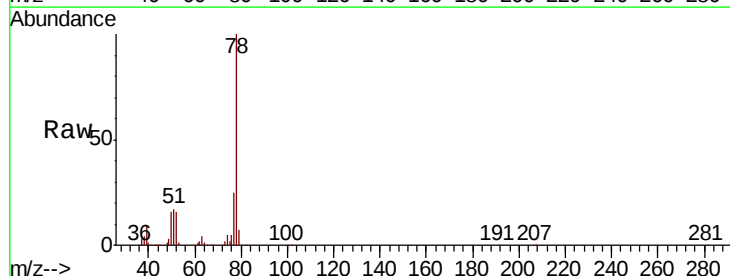
Instrument :
MSVOA_X
ClientSampleId :

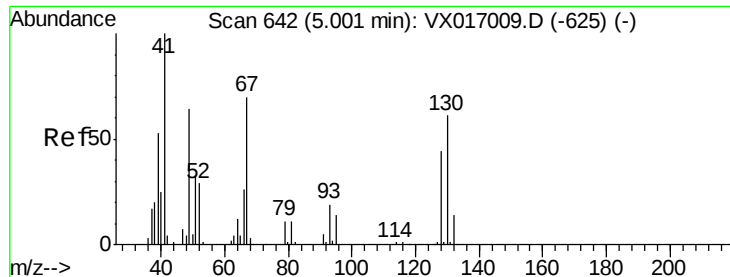
Tot Ion: 83 Resp: 69866
Ion Ratio Lower Upper
83 100
55 78.9 62.5 93.7
98 54.2 40.1 60.1



#40
Benzene
Concen: 18.818 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 78 Resp: 195560
Ion Ratio Lower Upper
78 100
77 24.6 18.3 27.5





#41

Methacrylonitrile

Concen: 19.331 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 39045

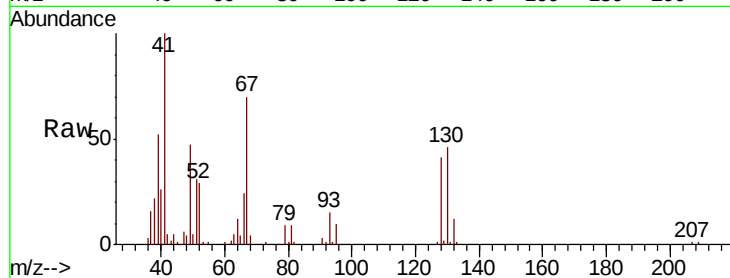
Ion Ratio Lower Upper

41 100

39 52.8 44.4 66.6

67 72.9 57.1 85.7

52 29.6 23.2 34.8

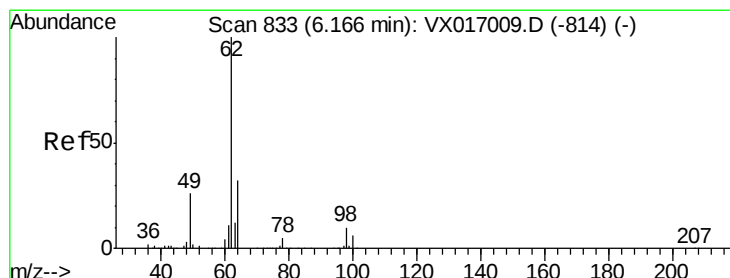
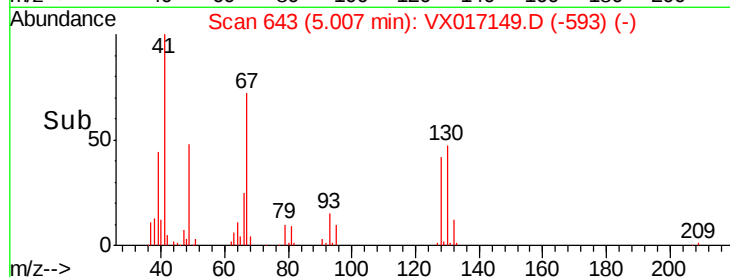
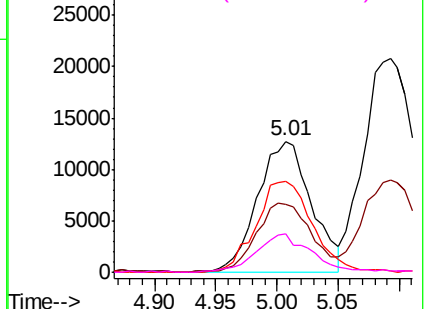


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.881 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017149.D

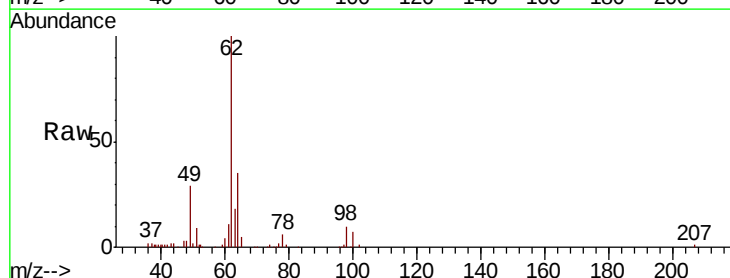
Acq: 02 Jul 2020 15:32

Tgt Ion: 62 Resp: 74630

Ion Ratio Lower Upper

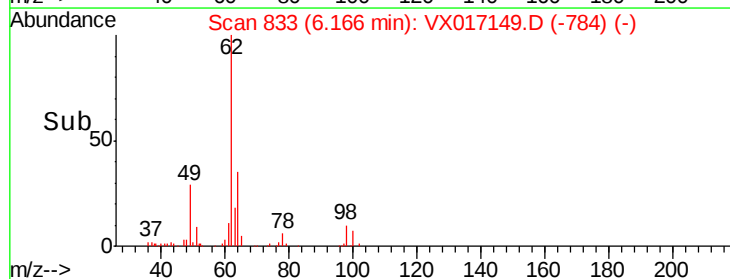
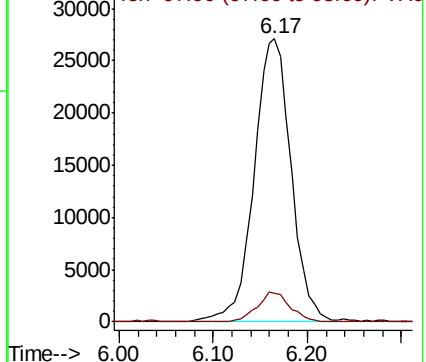
62 100

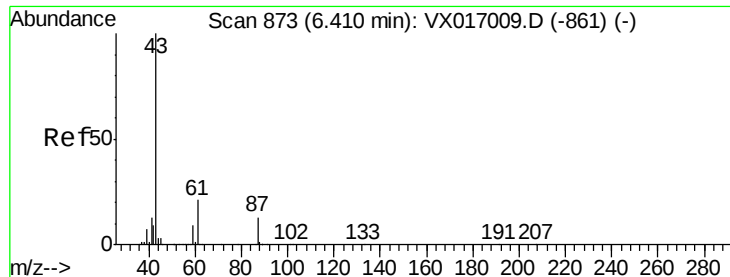
98 9.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.133 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

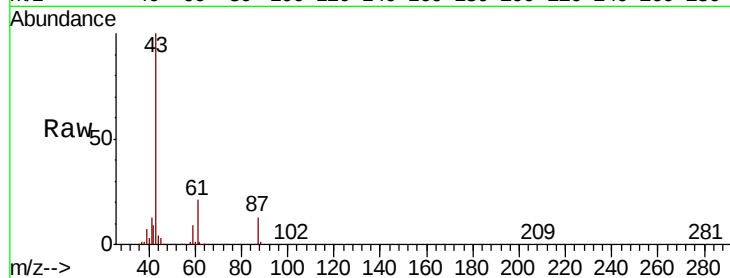
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 114099

Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.2
87	13.9	10.7	16.1

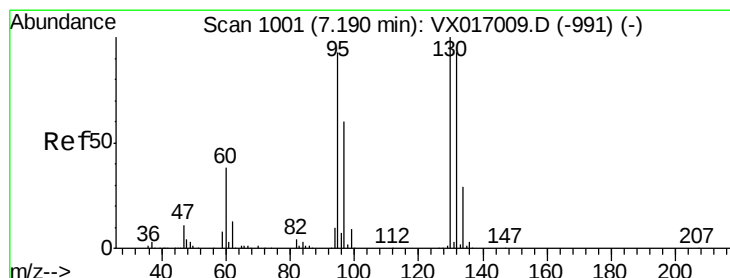
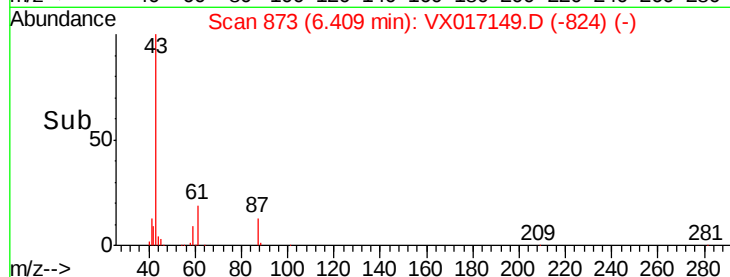
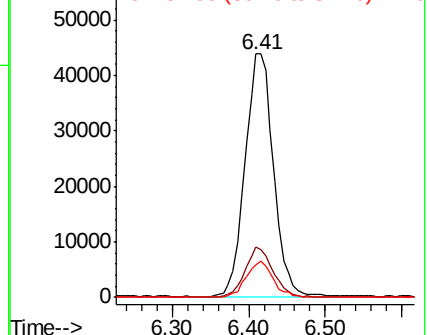


Abundance

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: 19.596 ug/l

RT: 7.19 min Scan# 1001

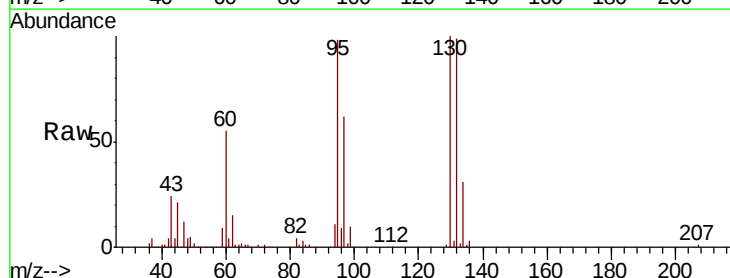
Delta R.T. 0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Tgt Ion: 130 Resp: 56735

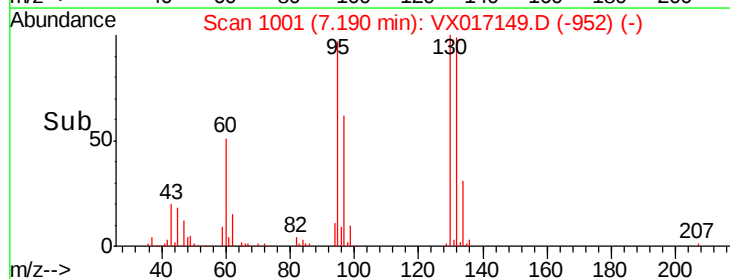
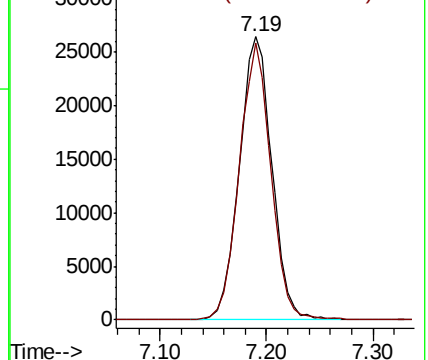
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	185.0

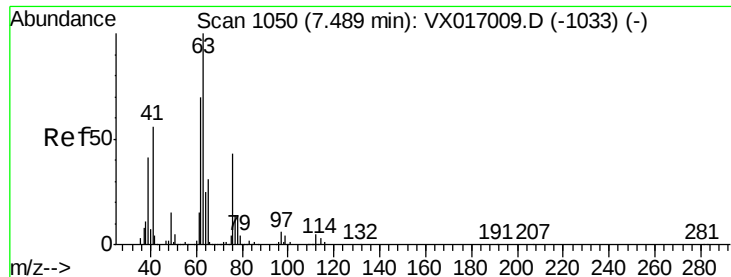


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.890 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

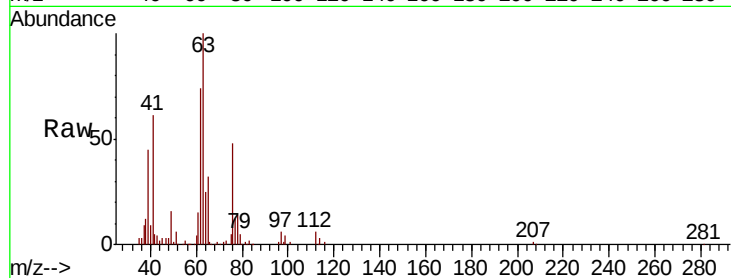
ClientSampleId :

Tot Ion: 63 Resp: 50421

Ion Ratio Lower Upper

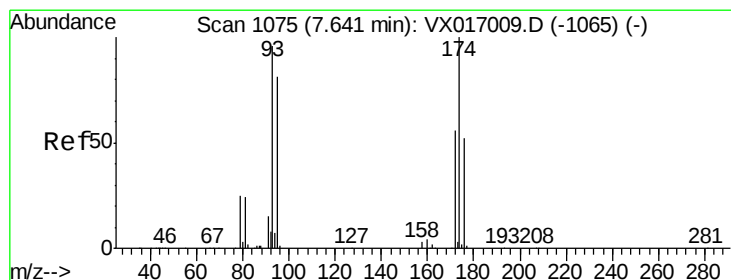
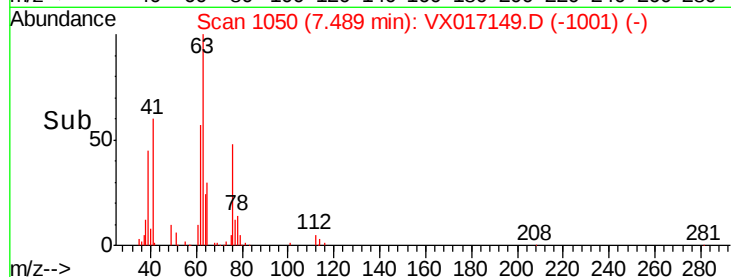
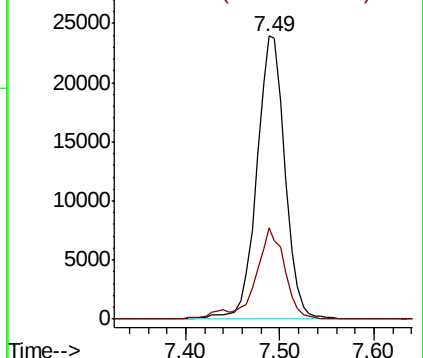
63 100

65 32.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.882 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

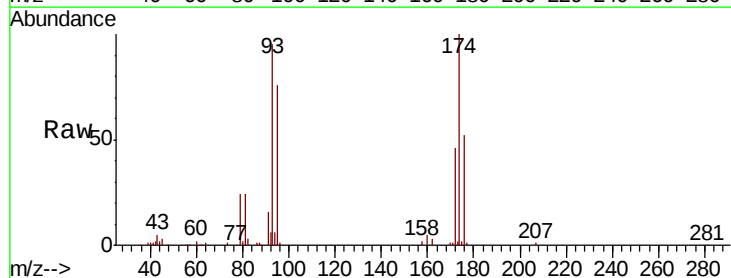
Tgt Ion: 93 Resp: 36232

Ion Ratio Lower Upper

93 100

95 80.2 67.4 101.0

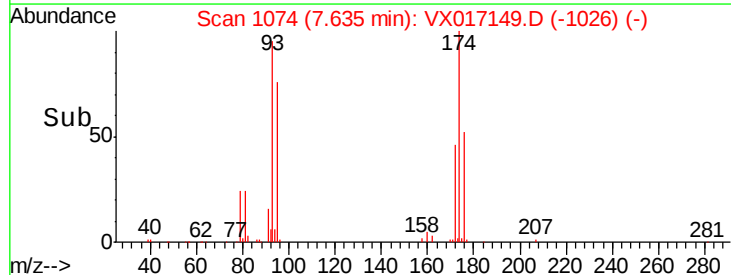
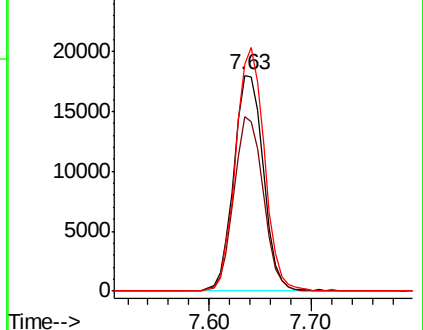
174 109.0 84.3 126.5

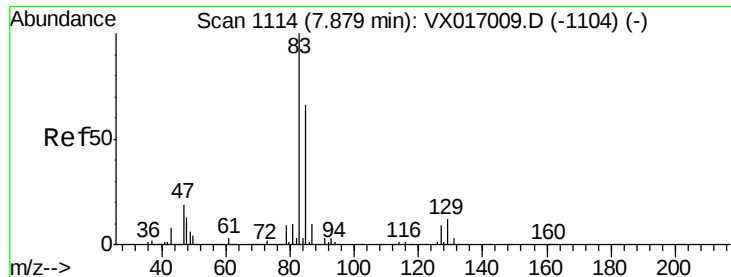


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.803 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampled :

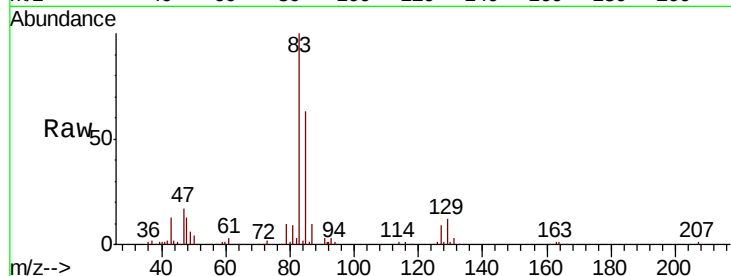
Tot Ion: 83 Resp: 74368

Ion Ratio Lower Upper

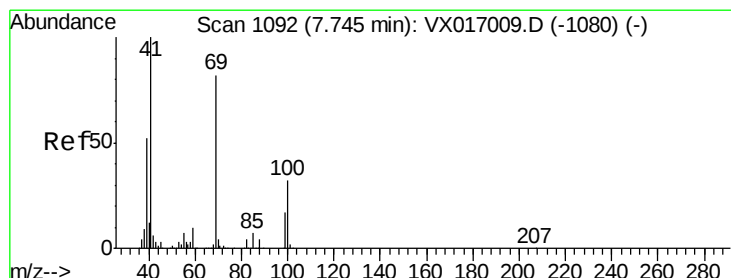
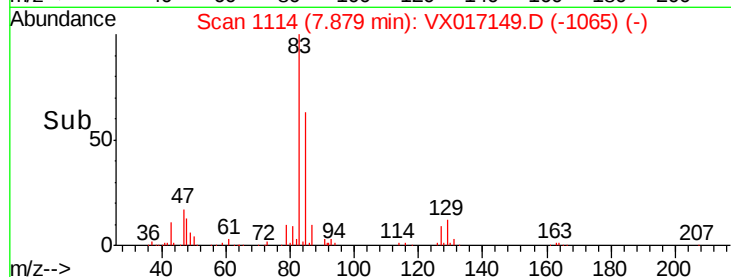
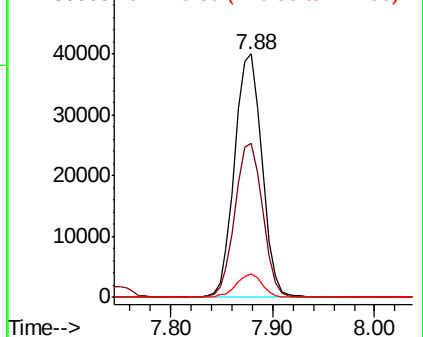
83 100

85 63.5 53.0 79.4

127 9.5 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: 19.563 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

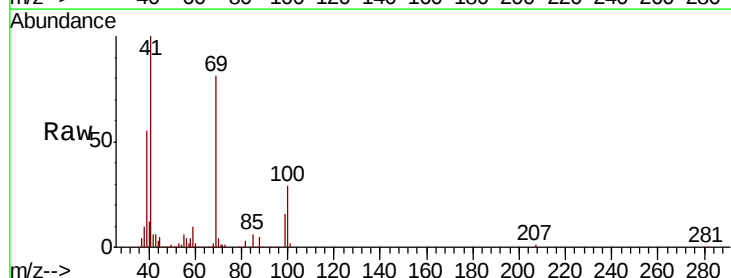
Tgt Ion: 41 Resp: 55424

Ion Ratio Lower Upper

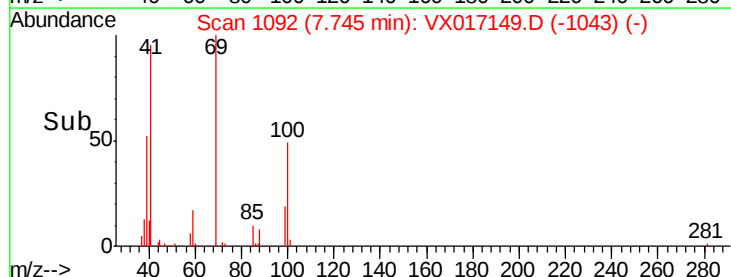
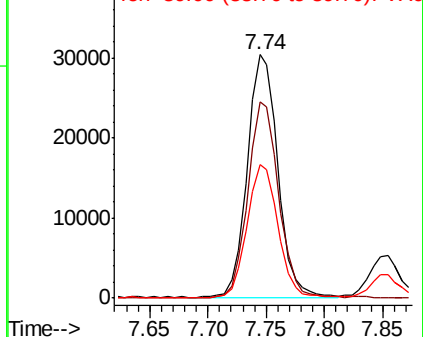
41 100

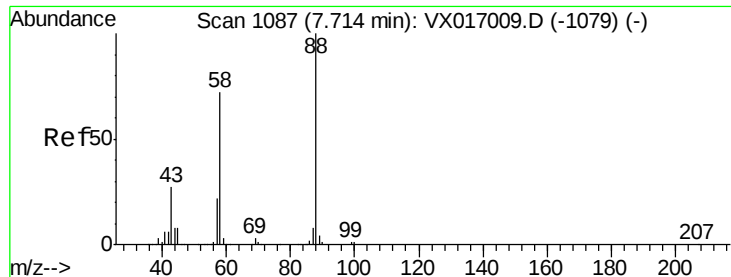
69 81.9 65.8 98.8

39 56.4 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

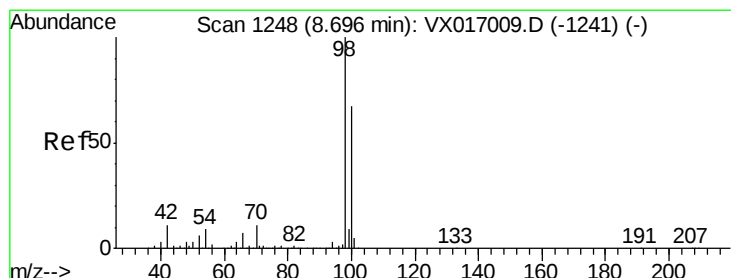
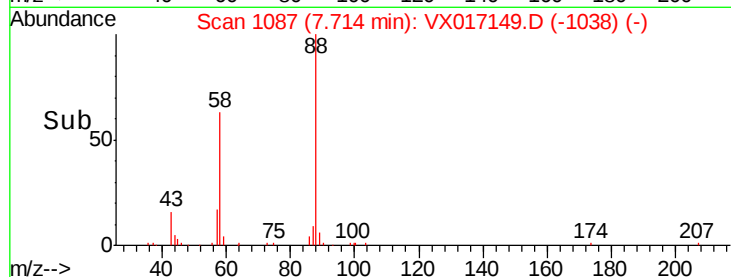
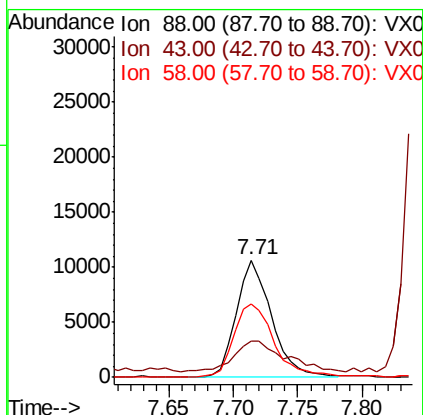
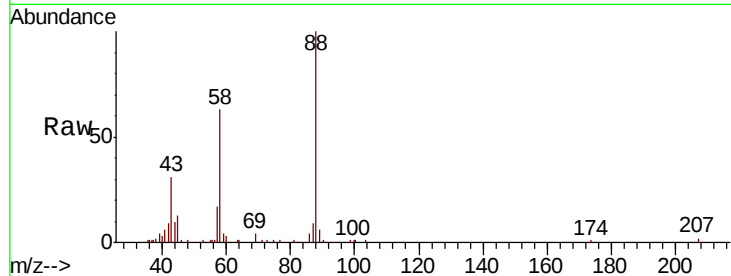




#49
1,4-Dioxane
Concen: 314.937 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

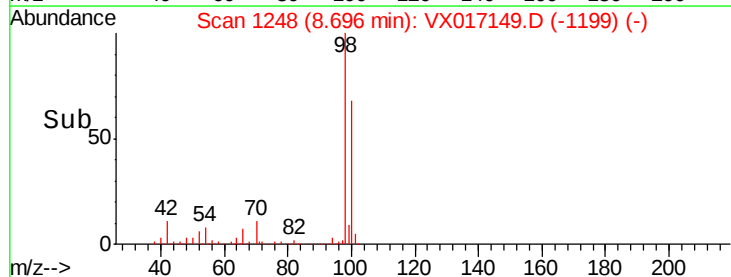
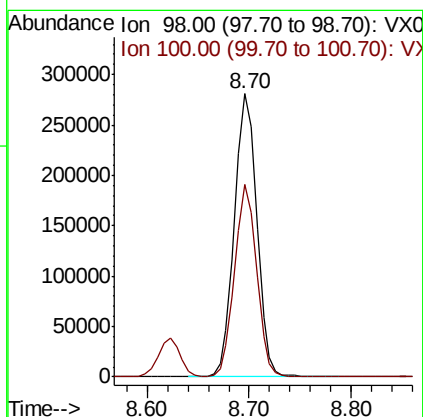
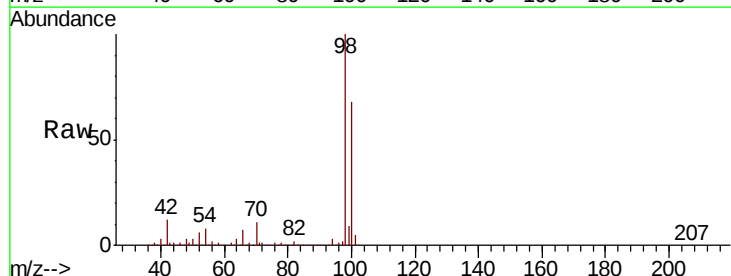
Instrument :
MSVOA_X
ClientSampled :

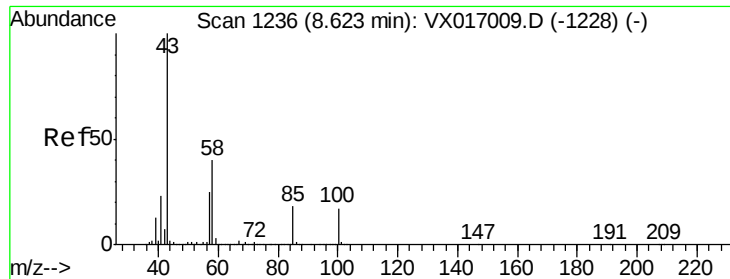
Tot Ion: 88 Resp: 20214
Ion Ratio Lower Upper
88 100
43 39.8 25.8 38.8#
58 72.4 54.8 82.2



#50
Toluene-d8
Concen: 48.768 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 98 Resp: 426905
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

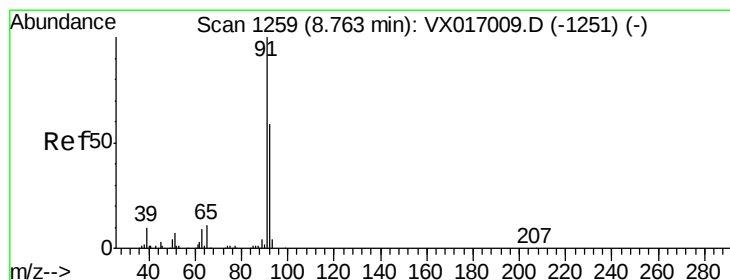
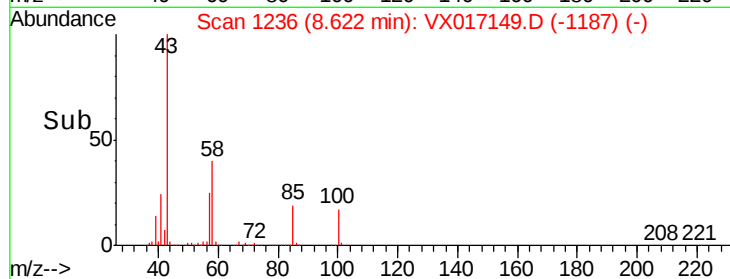
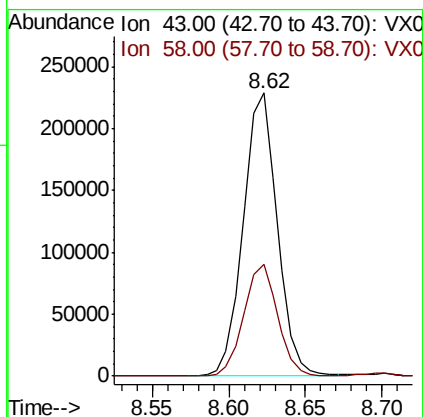
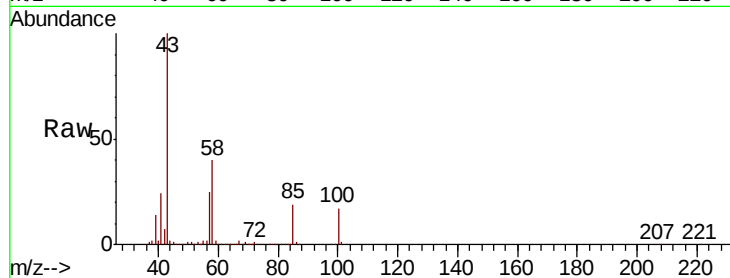




#51
4-Methyl-2-Pentanone
Concen: 98.779 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

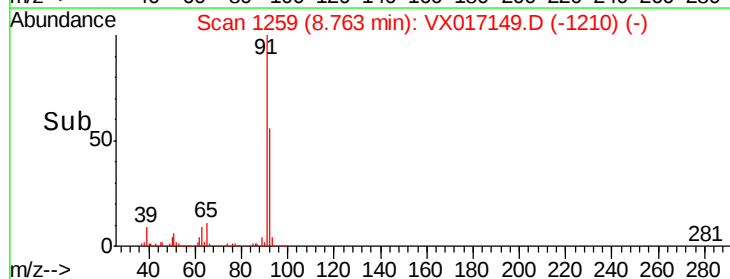
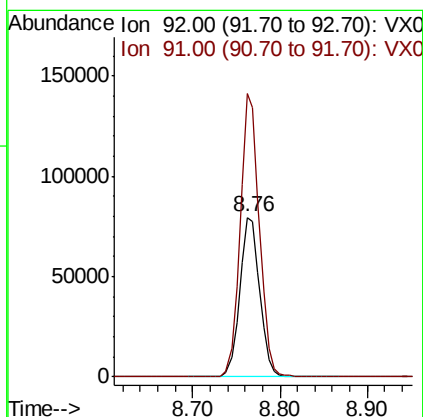
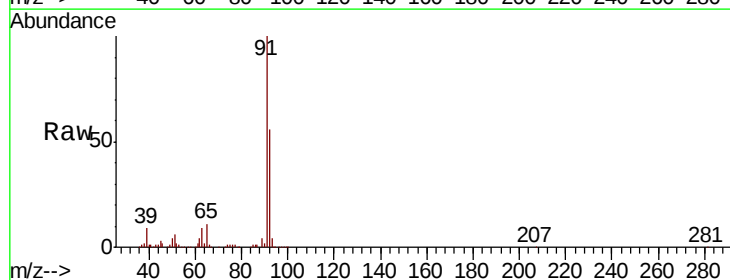
Instrument :
MSVOA_X
ClientSampled :

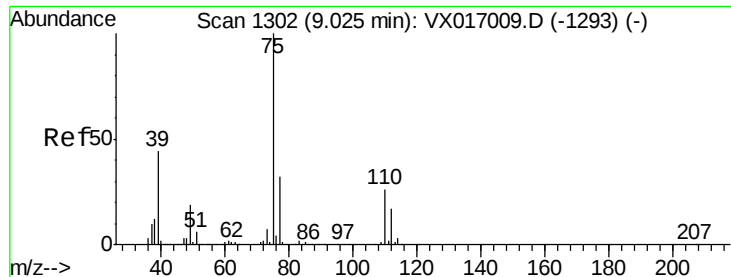
Tot Ion: 43 Resp: 351134
Ion Ratio Lower Upper
43 100
58 39.5 31.9 47.9



#52
Toluene
Concen: 19.424 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 92 Resp: 126029
Ion Ratio Lower Upper
92 100
91 170.3 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.939 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

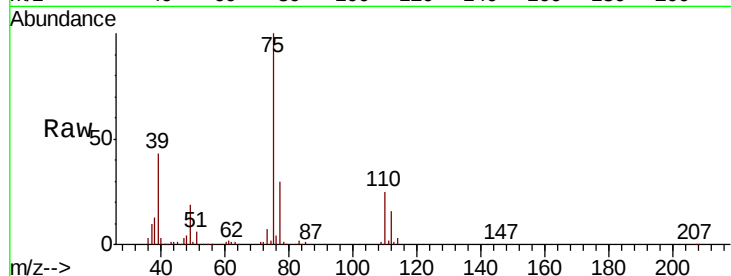
ClientSampleId :

Tot Ion: 75 Resp: 78473

Ion Ratio Lower Upper

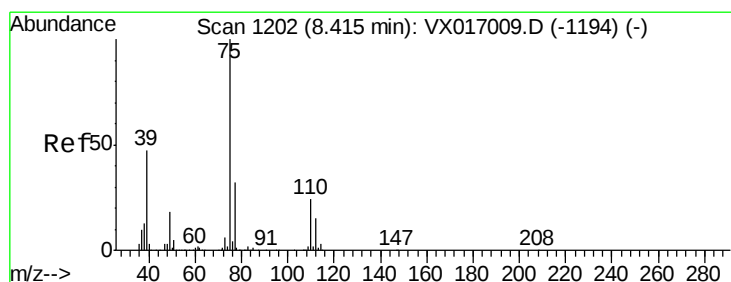
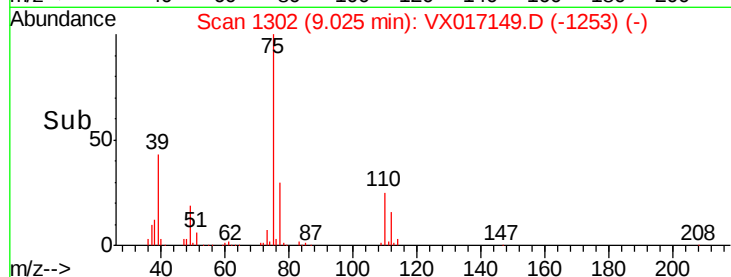
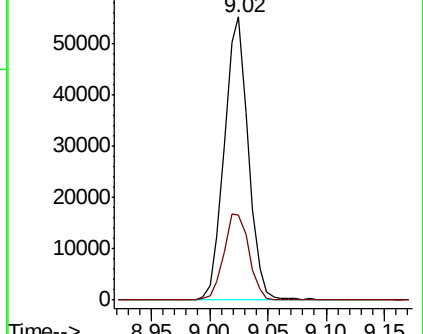
75 100

77 30.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.243 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

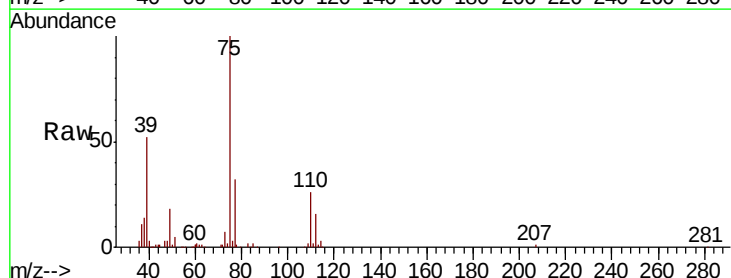
Tgt Ion: 75 Resp: 85475

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

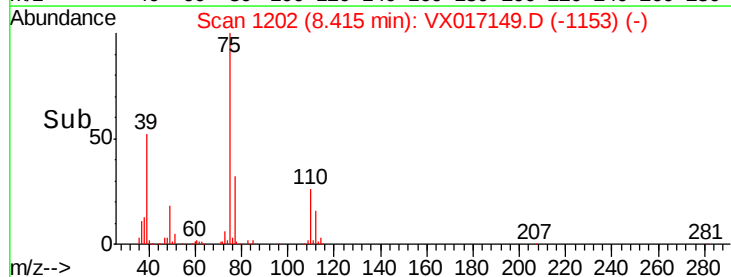
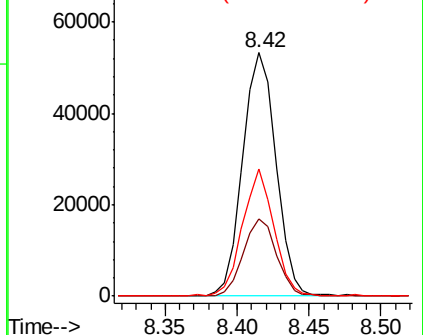
39 52.1 37.4 56.2

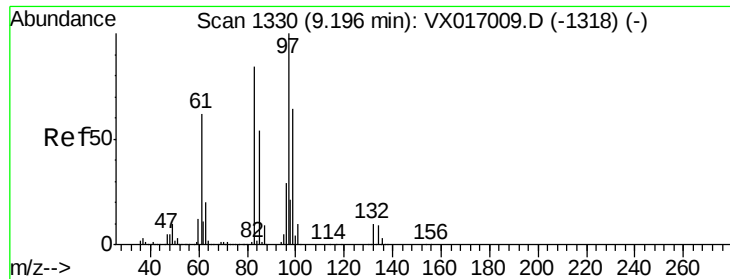


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.892 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

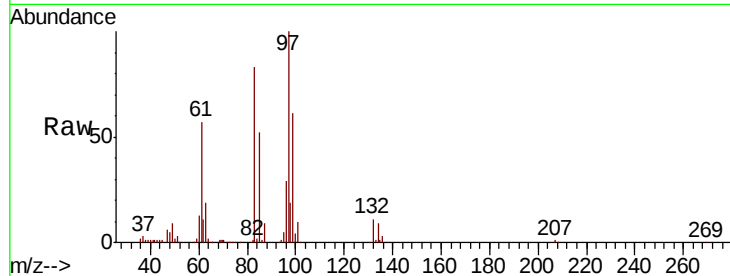
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 52733

Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.0	100.6
85	52.2	43.5	65.3
99	60.9	51.0	76.6



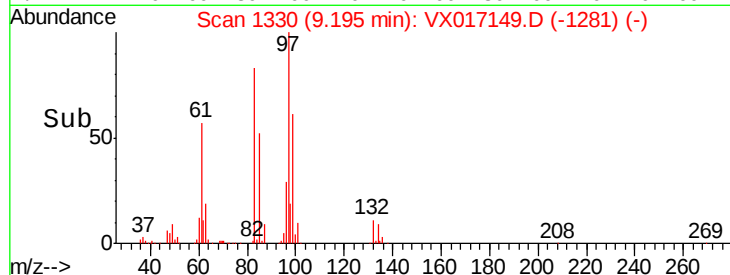
Abundance

Ion 96.90 (96.60 to 97.60): VX0

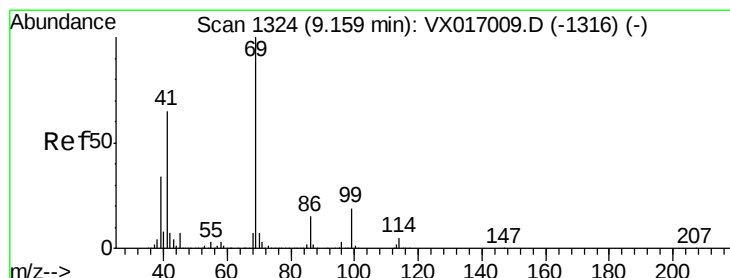
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#56

Ethyl methacrylate

Concen: 19.154 ug/l

RT: 9.16 min Scan# 1324

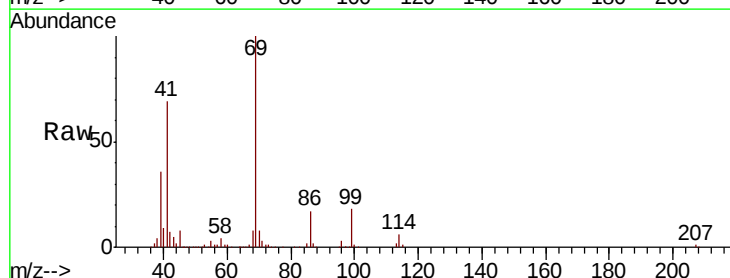
Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Tgt Ion: 69 Resp: 72271

Ion	Ratio	Lower	Upper
69	100		
41	68.3	53.6	80.4
39	36.1	28.2	42.2

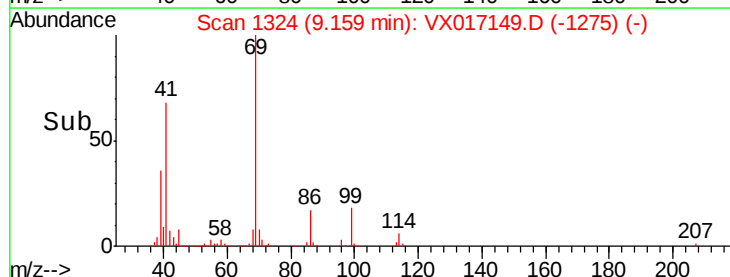


Abundance

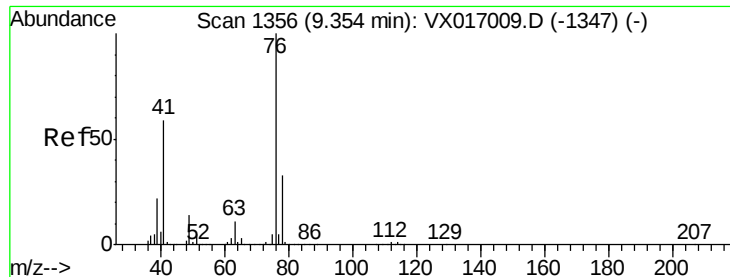
Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



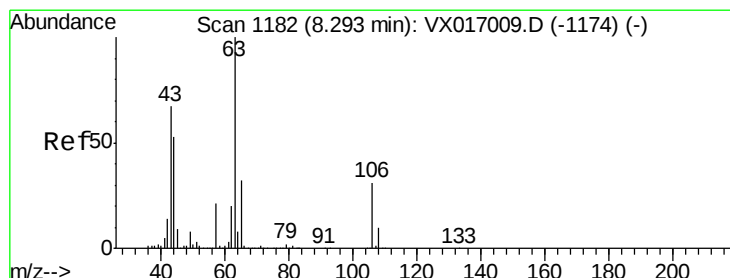
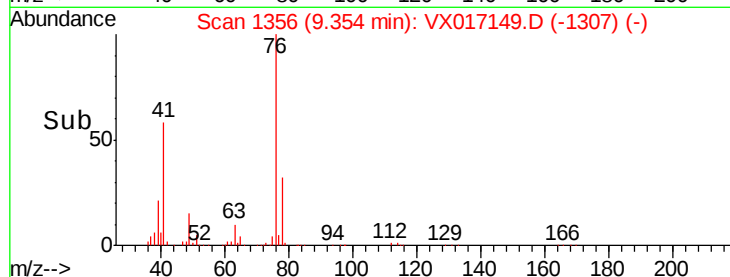
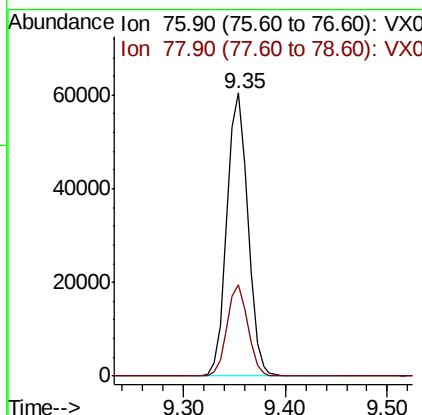
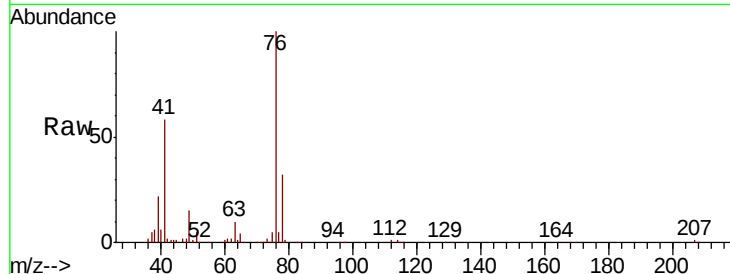
Time-->



#57
 1,3-Dichloropropane
 Concen: 19.222 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

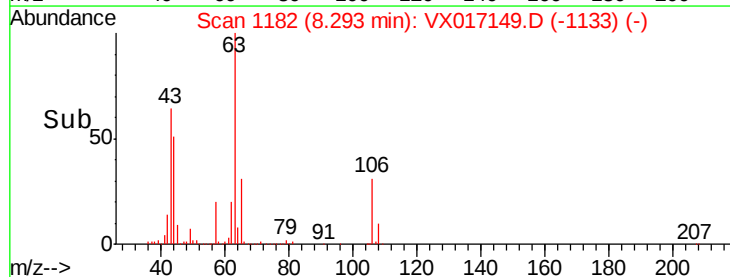
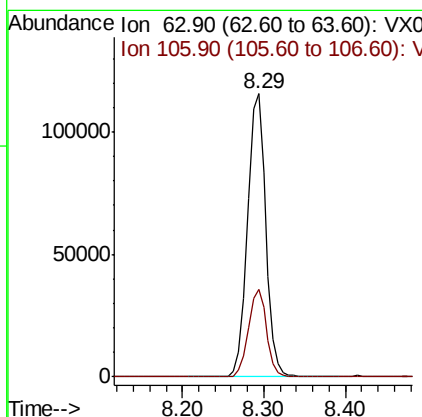
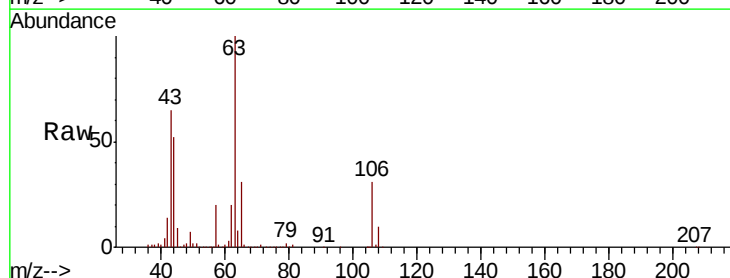
Instrument :
 MSVOA_X
 ClientSampleId :

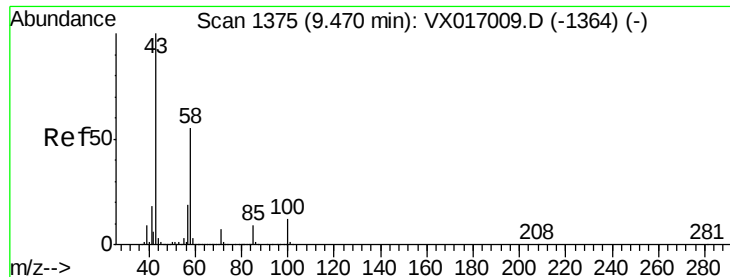
Tot Ion: 76 Resp: 86226
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.160 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Tgt Ion: 63 Resp: 180576
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.0 36.0

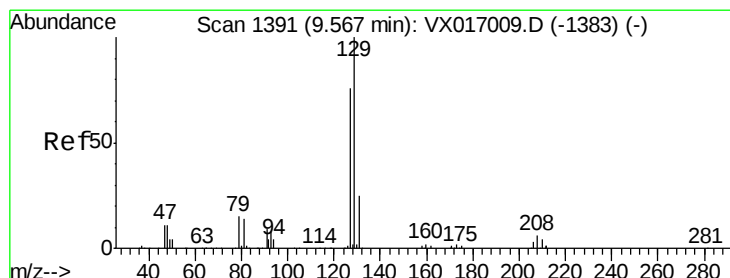
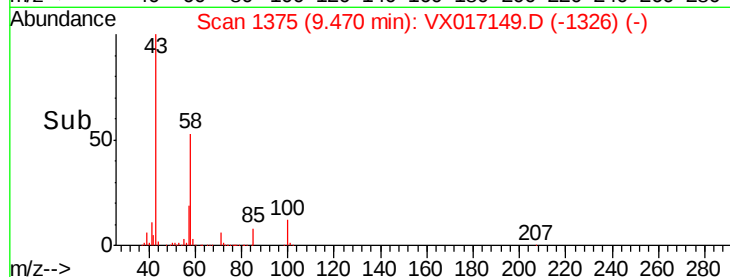
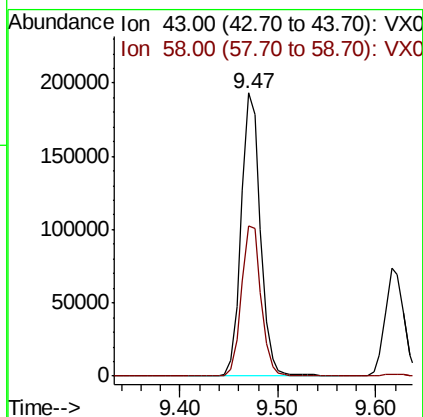
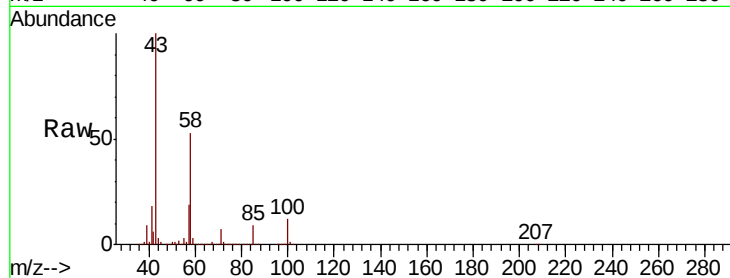




#59
2-Hexanone
Concen: 101.098 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

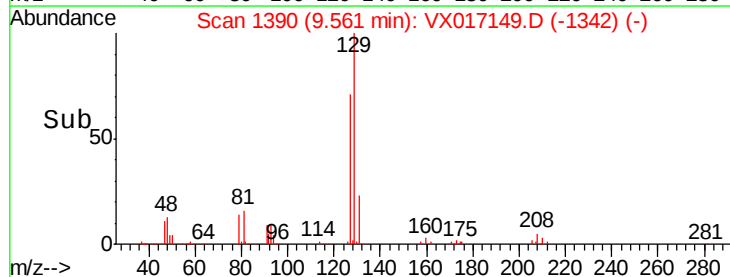
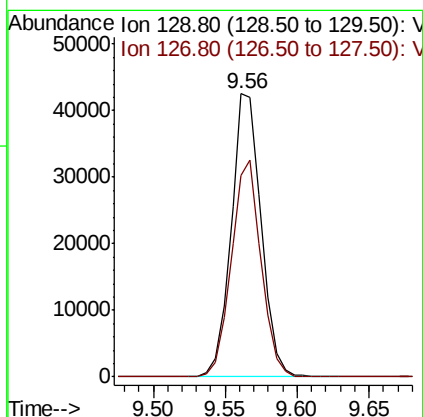
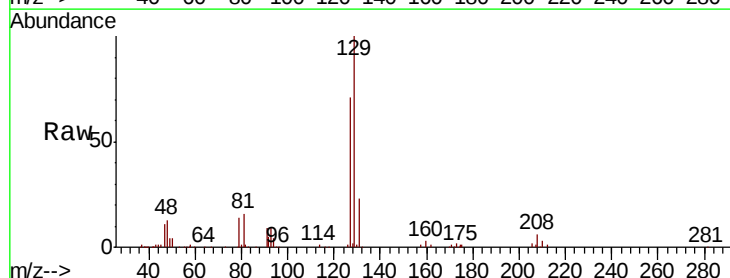
Instrument :
MSVOA_X
ClientSampleId :

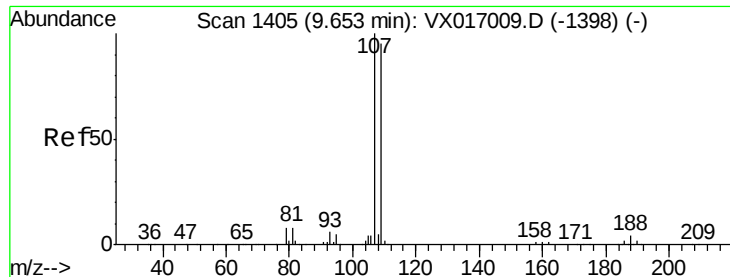
Tot Ion: 43 Resp: 262465
Ion Ratio Lower Upper
43 100
58 54.2 27.9 83.6



#60
Dibromochloromethane
Concen: 20.067 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 129 Resp: 61785
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.7

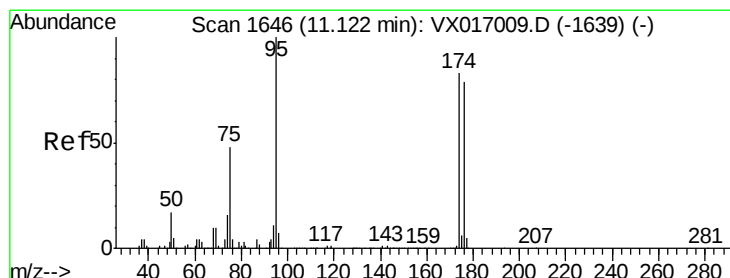
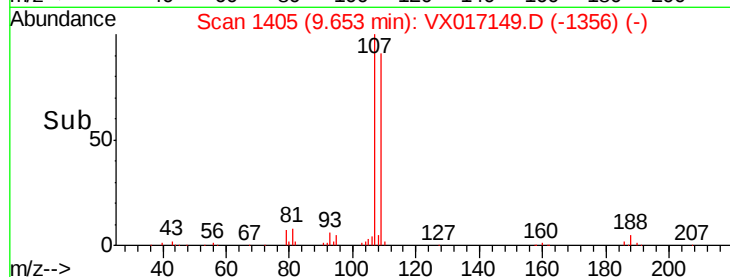
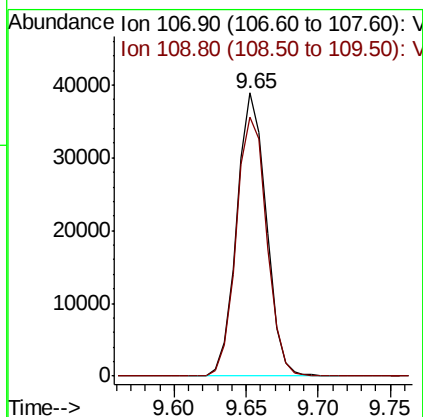
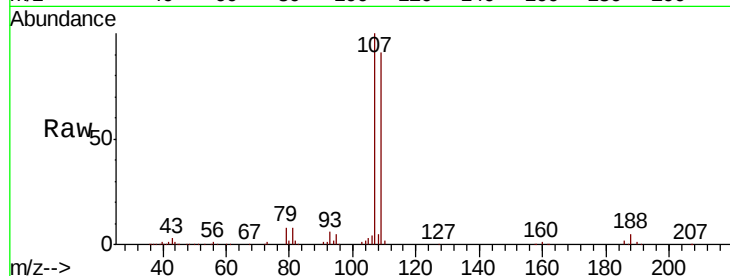




#61
 1,2-Dibromoethane
 Concen: 19.526 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

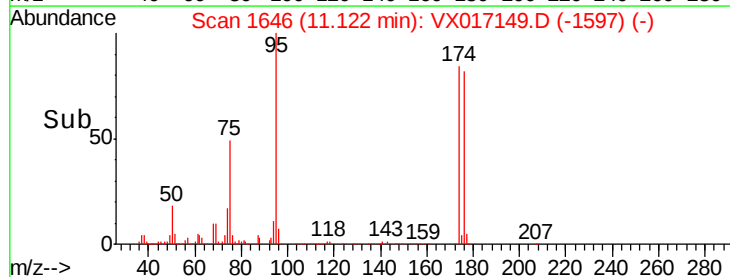
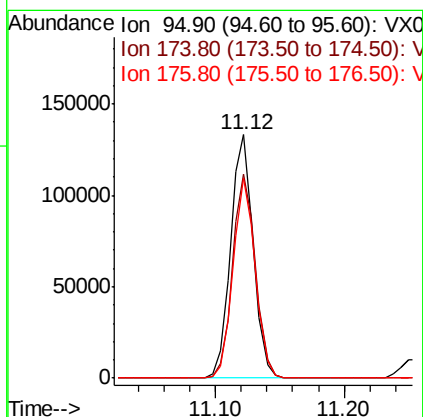
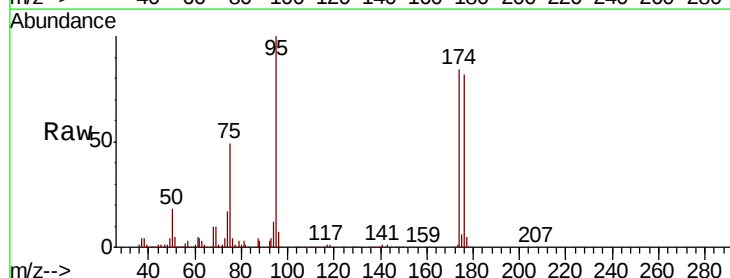
Instrument :
 MSVOA_X
 ClientSampleId :

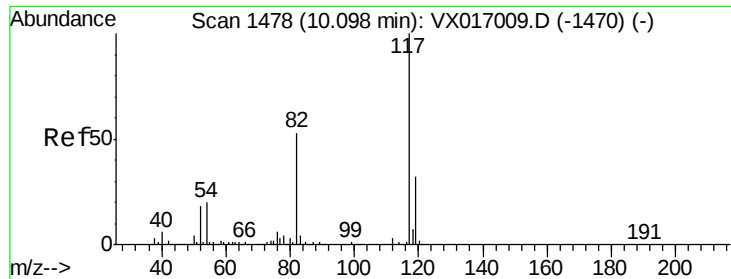
Tot Ion:107 Resp: 55638
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.810 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Tgt Ion: 95 Resp: 163604
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 164.0
 176 81.0 0.0 157.6

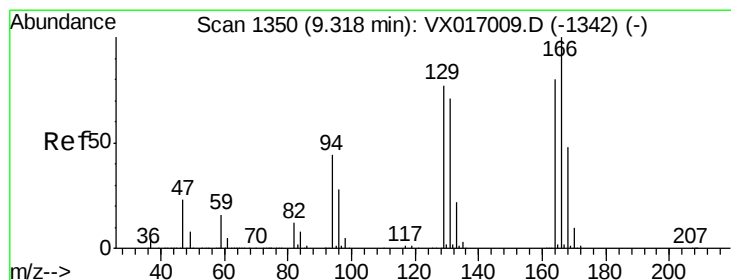
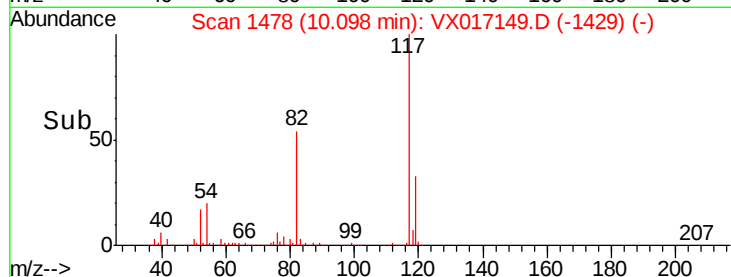
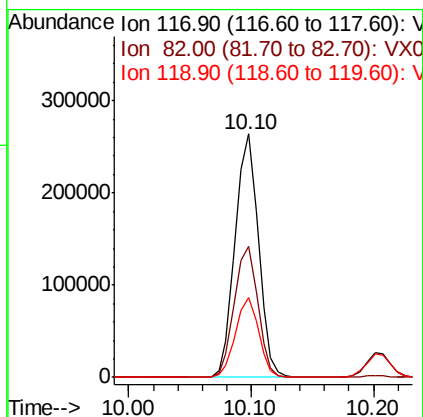
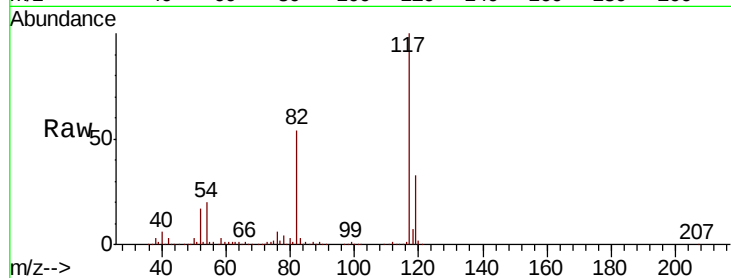




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

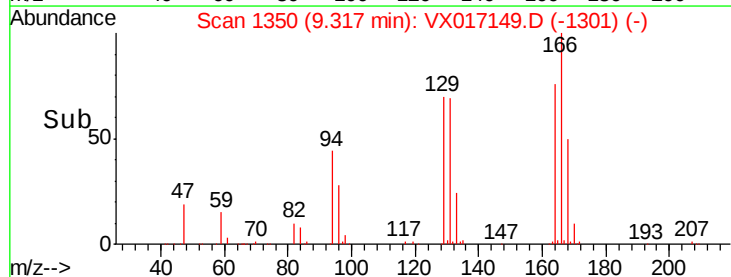
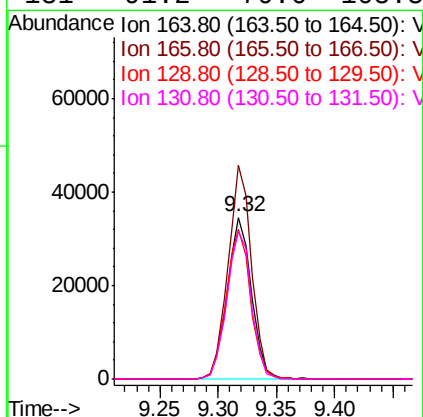
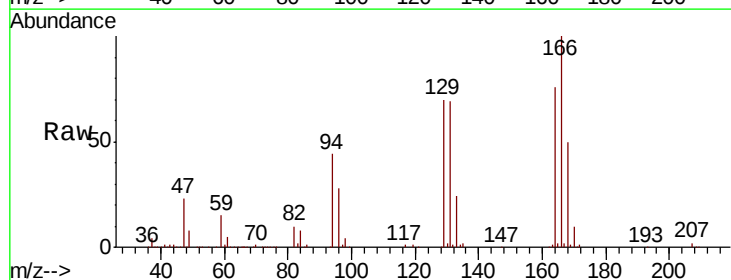
Instrument :
MSVOA_X
ClientSampleId :

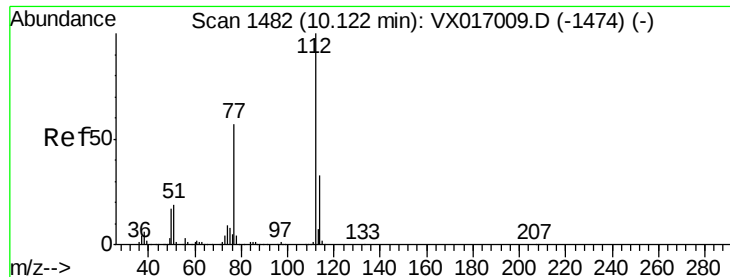
Tot Ion:117 Resp: 348792
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 17.743 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion:164 Resp: 49947
Ion Ratio Lower Upper
164 100
166 132.4 99.4 149.0
129 93.1 76.3 114.5
131 91.2 70.6 105.8

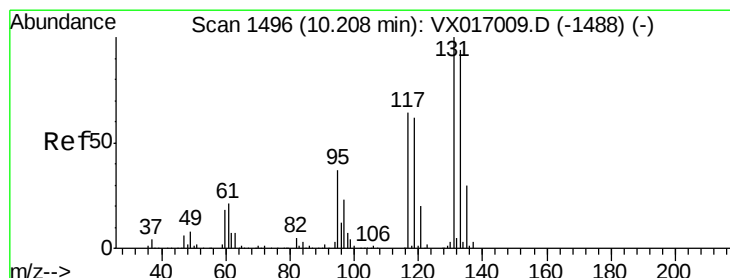
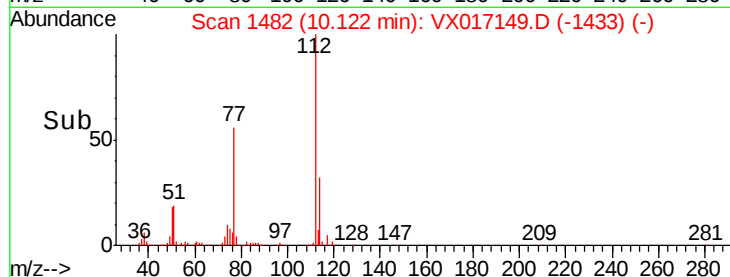
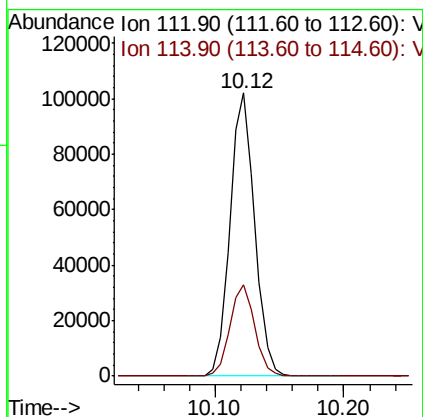
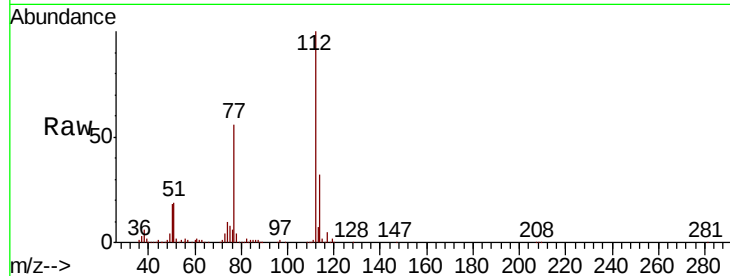




#65
Chlorobenzene
Concen: 19.011 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

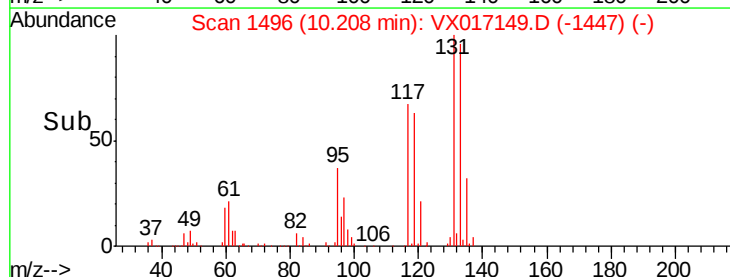
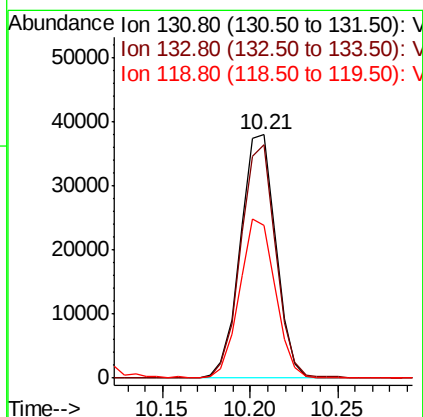
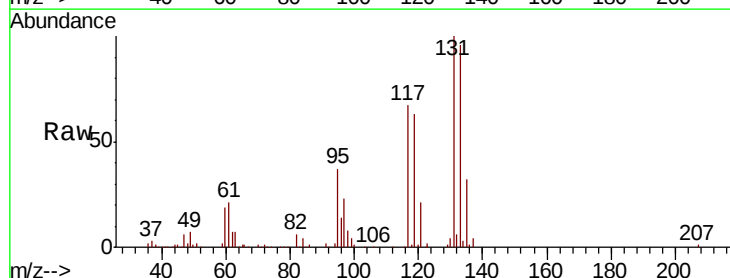
Instrument :
MSVOA_X
ClientSampled :

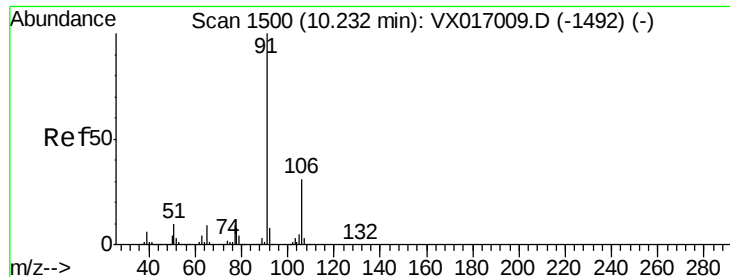
Tot Ion:112 Resp: 136858
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.318 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion:131 Resp: 53596
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 65.8 31.9 95.5

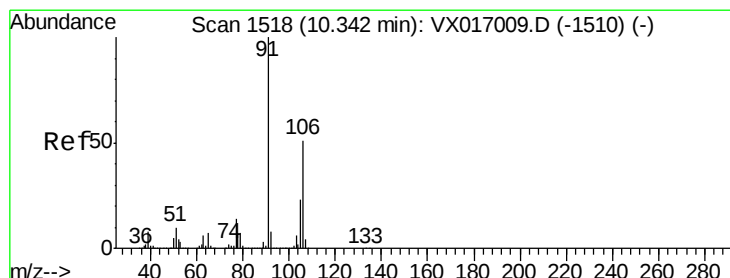
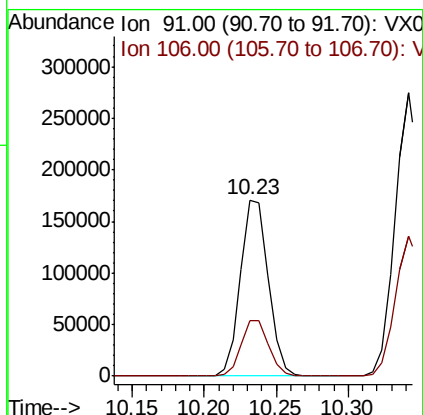
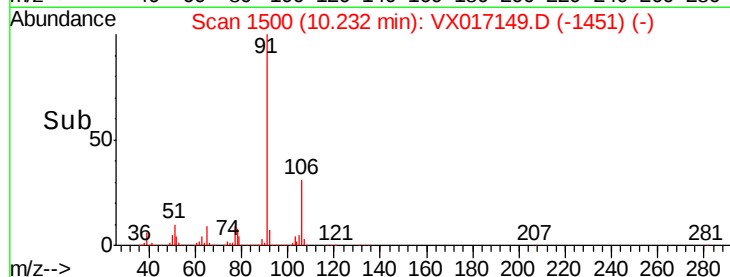
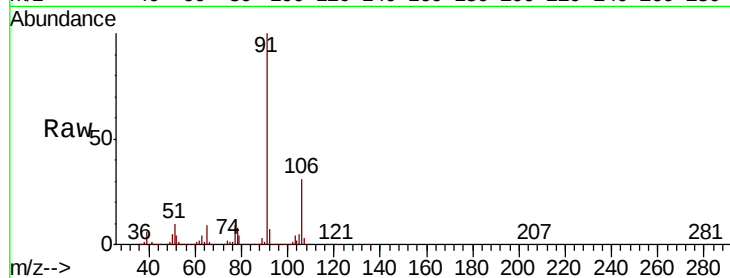




#67
Ethyl Benzene
Concen: 19.129 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

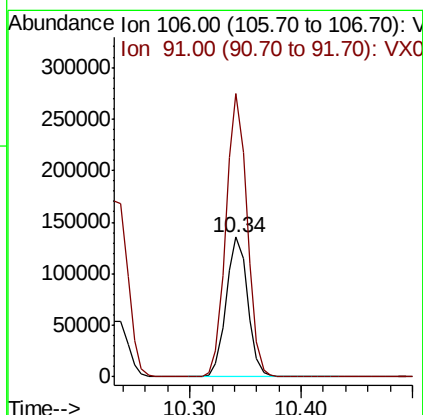
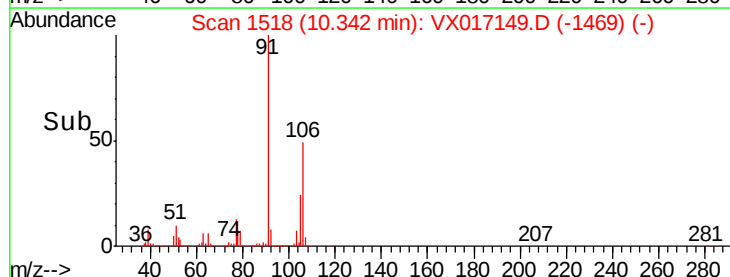
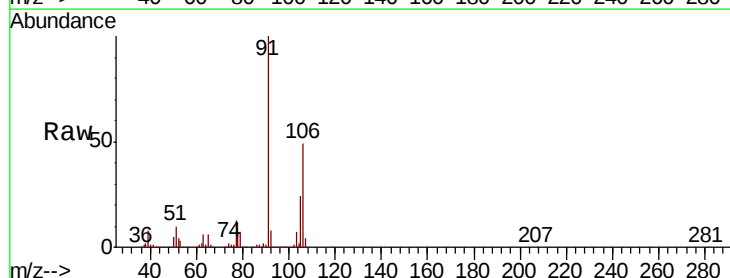
Instrument :
MSVOA_X
ClientSampleId :

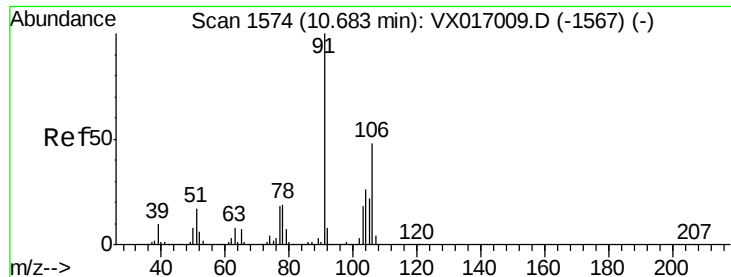
Tot Ion: 91 Resp: 229975
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1



#68
m/p-Xylenes
Concen: 39.345 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion: 106 Resp: 181622
Ion Ratio Lower Upper
106 100
91 199.3 158.6 238.0

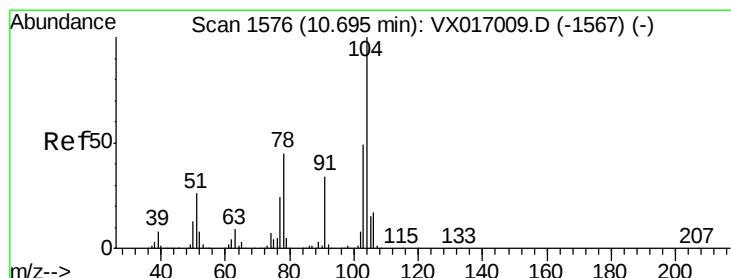
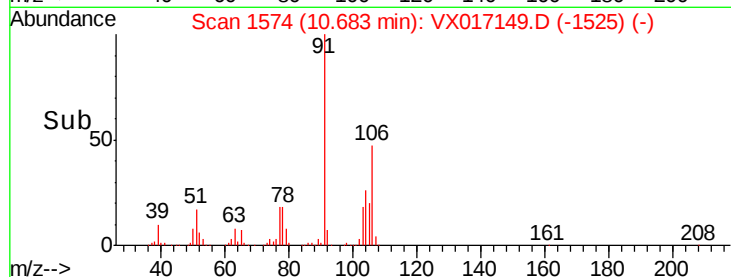
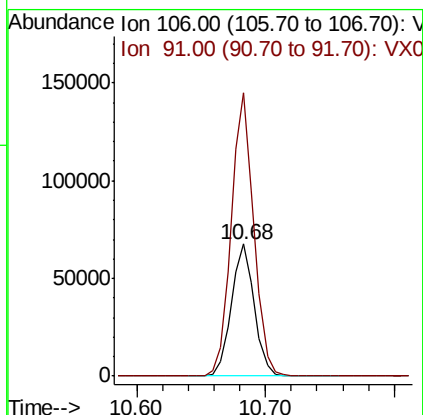
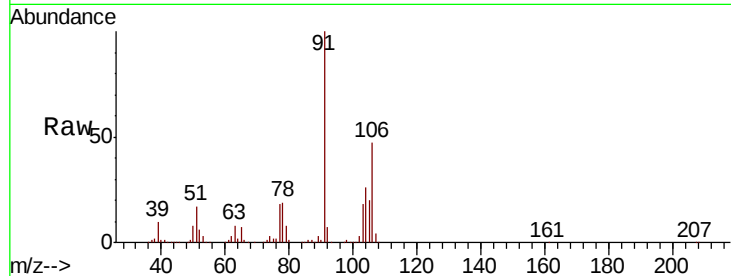




#69
o-Xylene
Concen: 19.027 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

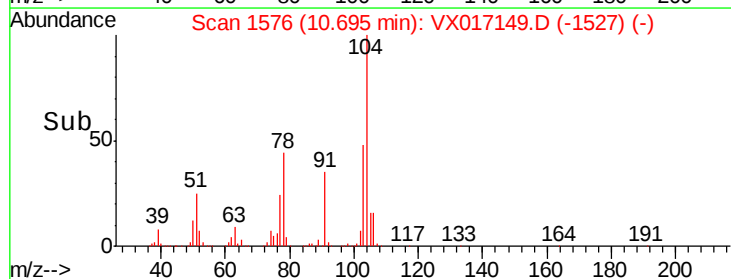
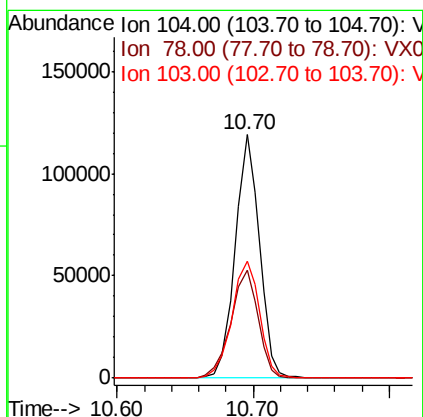
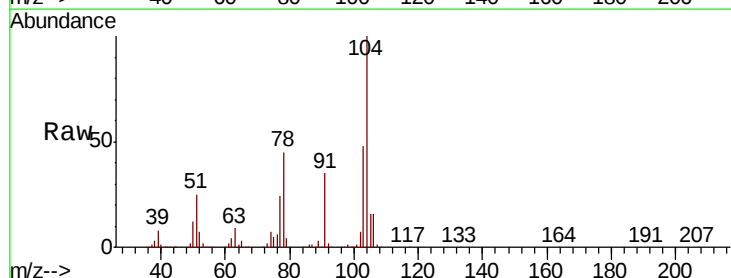
Instrument :
MSVOA_X
ClientSampleId :

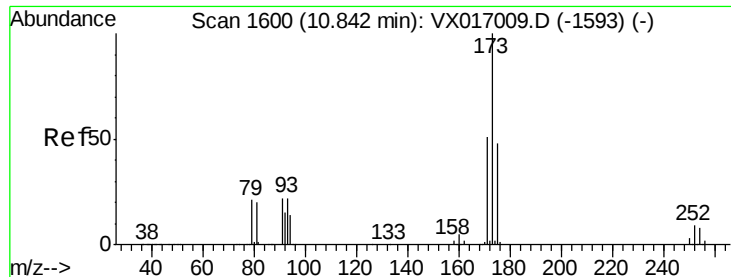
Tot Ion:106 Resp: 83553
Ion Ratio Lower Upper
106 100
91 212.3 105.6 316.7



#70
Styrene
Concen: 19.793 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion:104 Resp: 148011
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.8 43.0 64.6





#71

Bromoform

Concen: 21.301 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

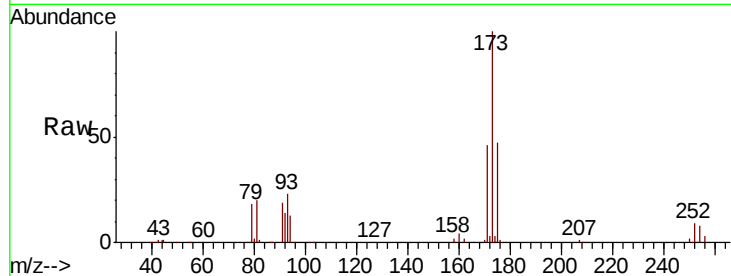
Tot Ion:173 Resp: 46863

Ion Ratio Lower Upper

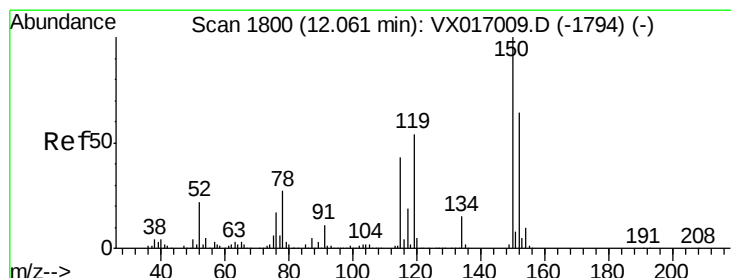
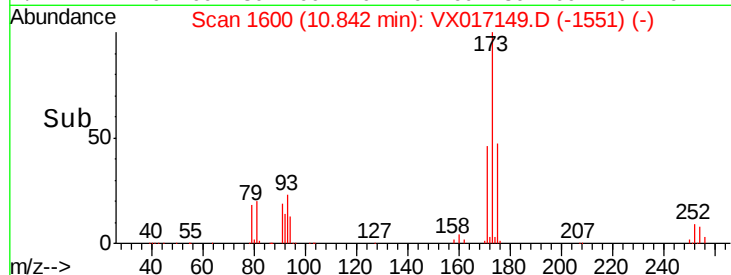
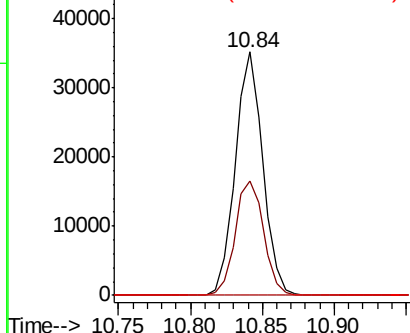
173 100

175 48.5 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: VX017149.D

Acq: 02 Jul 2020 15:32

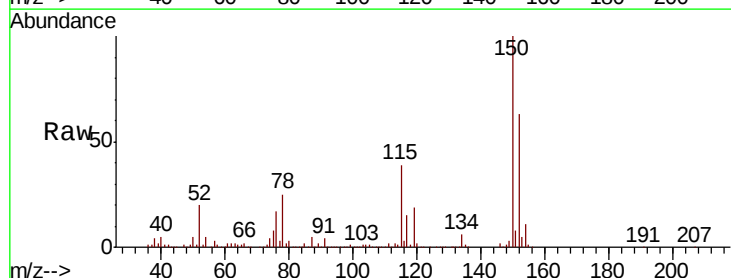
Tgt Ion:152 Resp: 183167

Ion Ratio Lower Upper

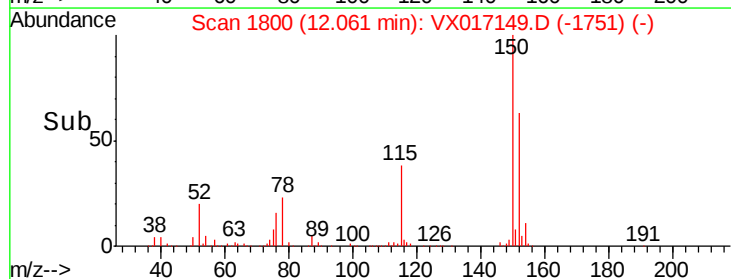
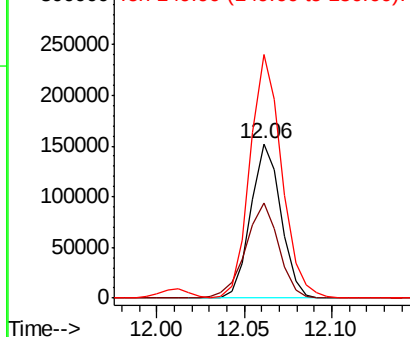
152 100

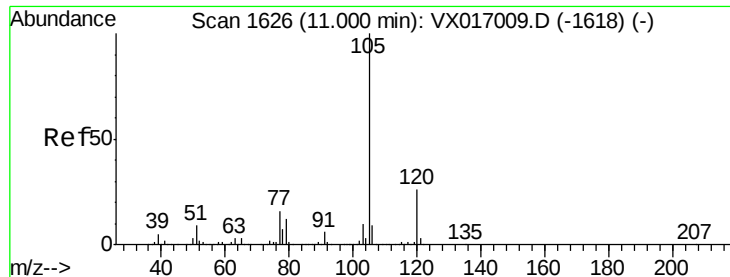
115 67.2 40.9 122.7

150 164.8 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: 19.217 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

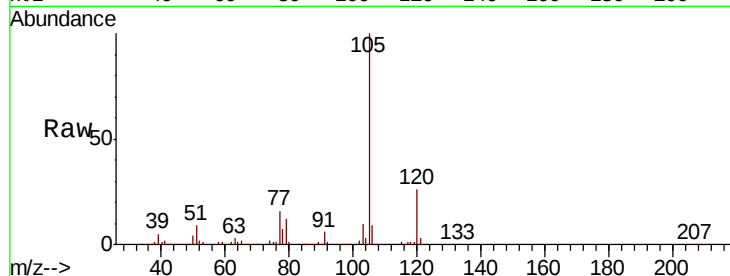
ClientSampleId :

Tot Ion:105 Resp: 230553

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

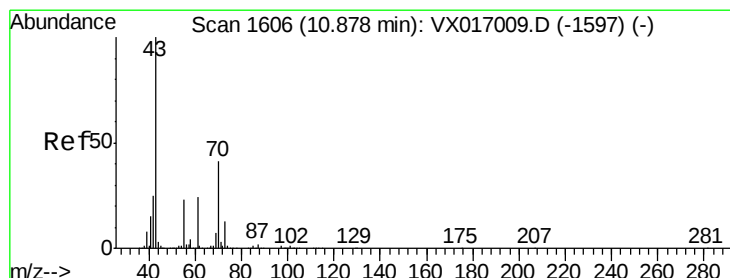
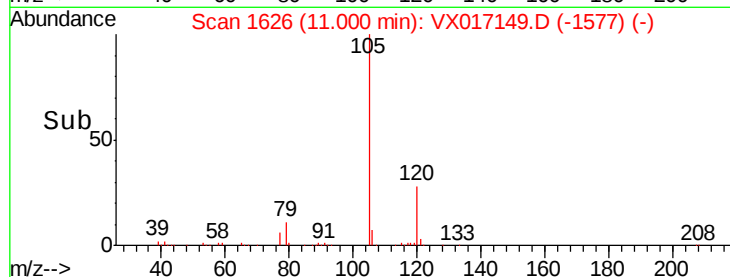
100000

50000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 18.946 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Tgt Ion: 43 Resp: 96991

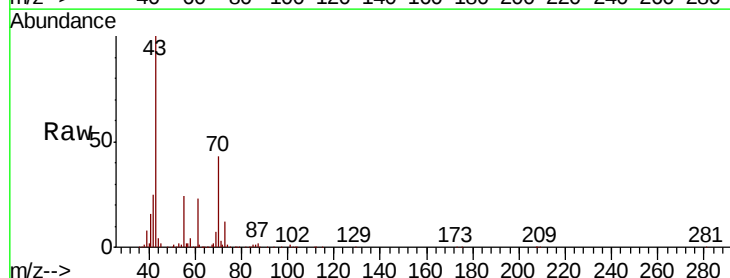
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.2

55 25.4 19.2 28.8

61 24.4 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

120000

100000

80000

60000

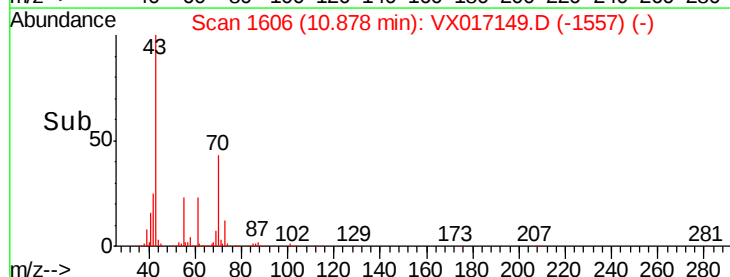
40000

20000

0

Time-->

10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 19.769 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

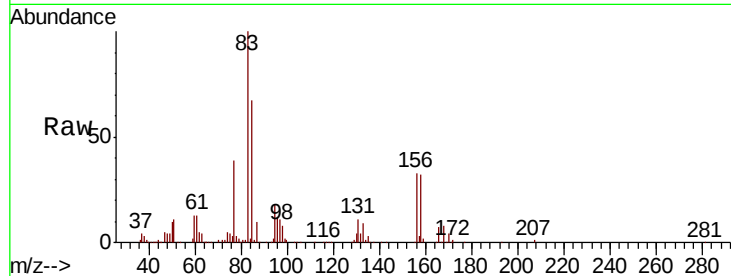
Tot Ion: 83 Resp: 74607

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

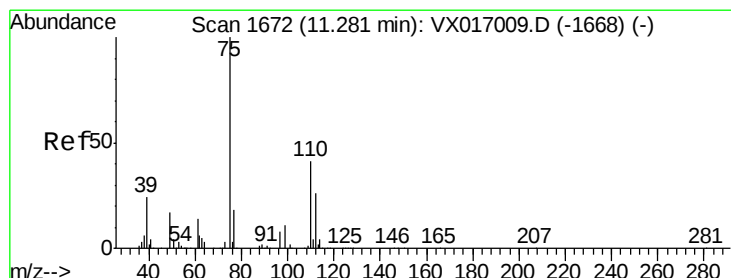
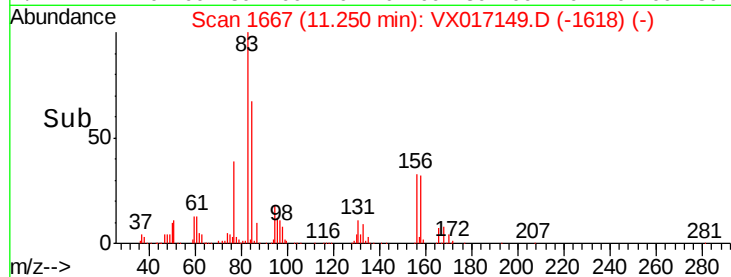
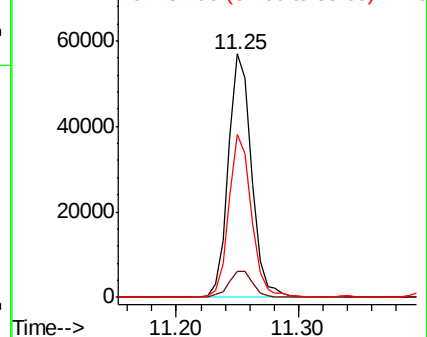
85 65.4 31.9 95.9



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: 24.652 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017149.D

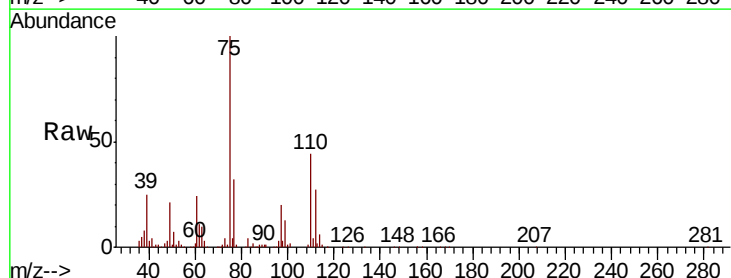
Acq: 02 Jul 2020 15:32

Tgt Ion: 75 Resp: 88793

Ion Ratio Lower Upper

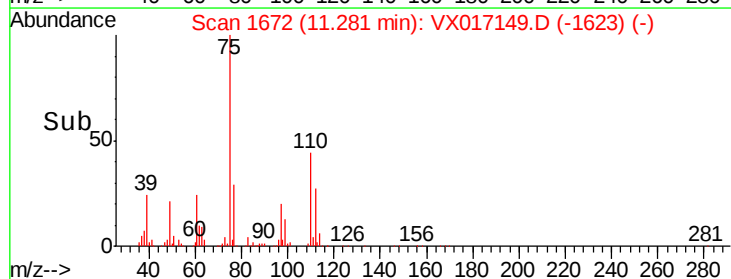
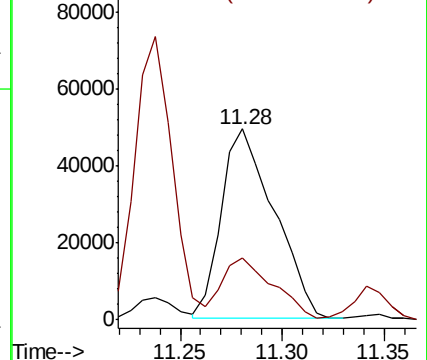
75 100

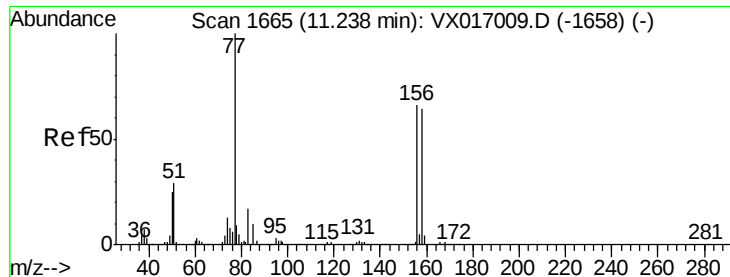
77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.052 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

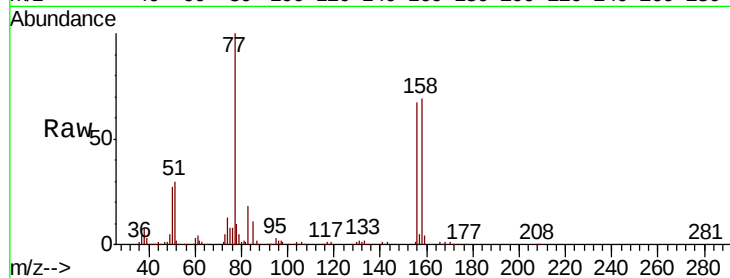
Tot Ion:156 Resp: 62823

Ion Ratio Lower Upper

156 100

77 151.7 76.9 230.7

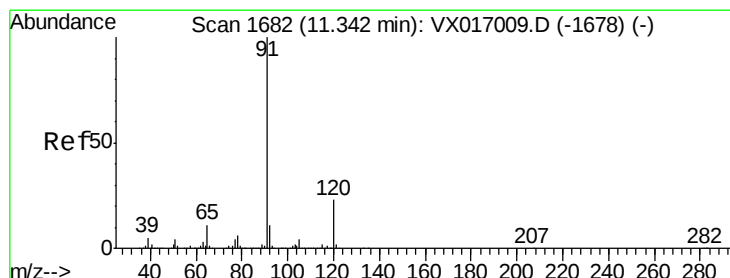
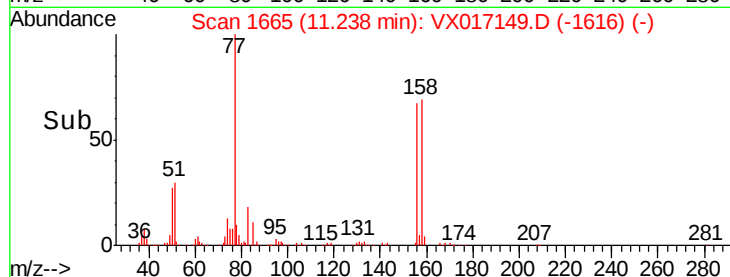
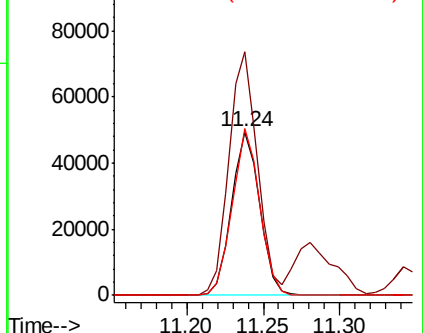
158 99.5 47.9 143.6



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: 19.257 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017149.D

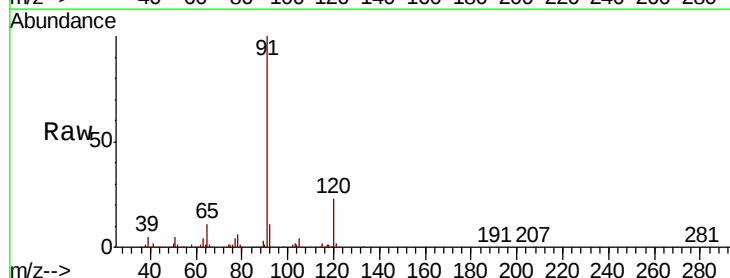
Acq: 02 Jul 2020 15:32

Tgt Ion: 91 Resp: 261270

Ion Ratio Lower Upper

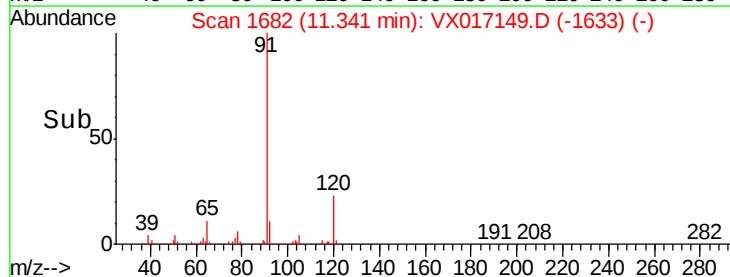
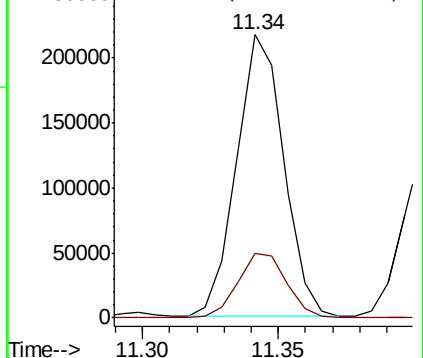
91 100

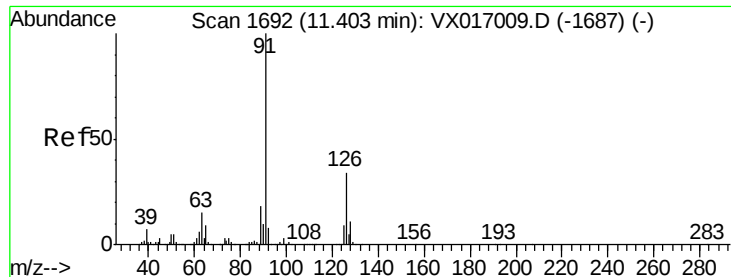
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

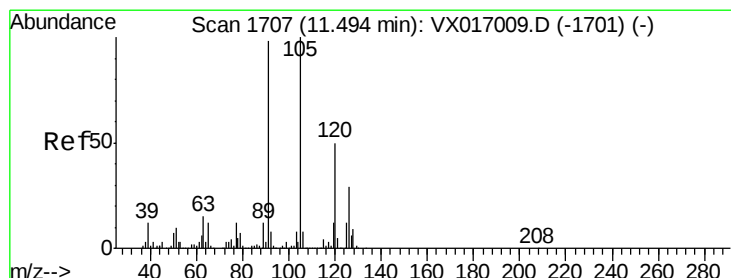
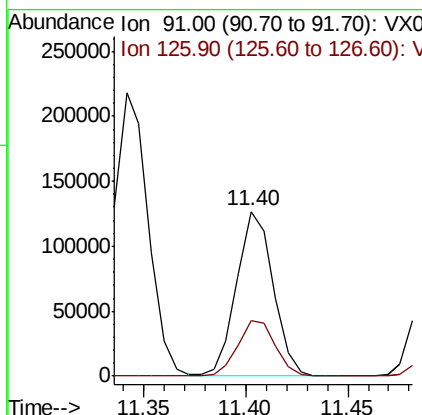
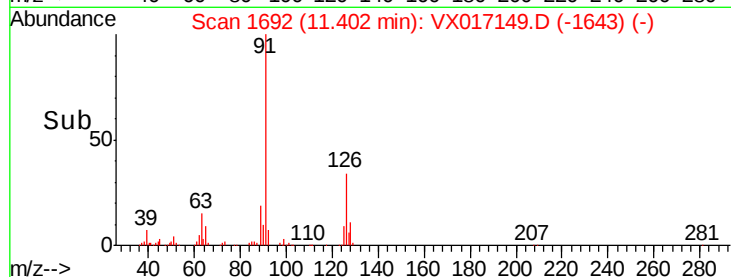
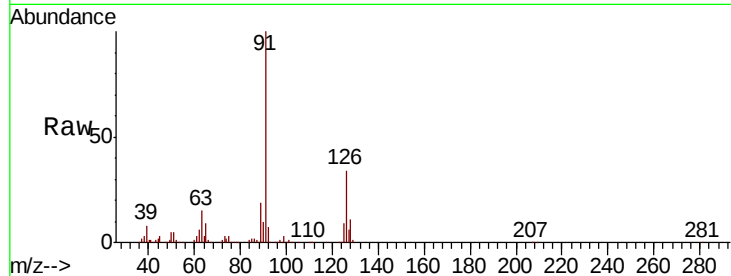




#79
 2-Chlorotoluene
 Concen: 19.177 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

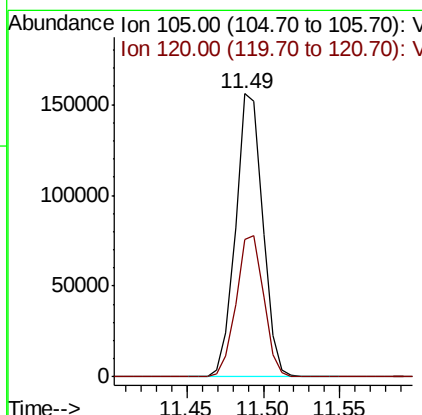
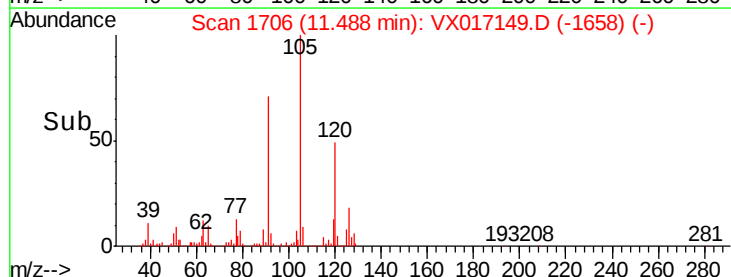
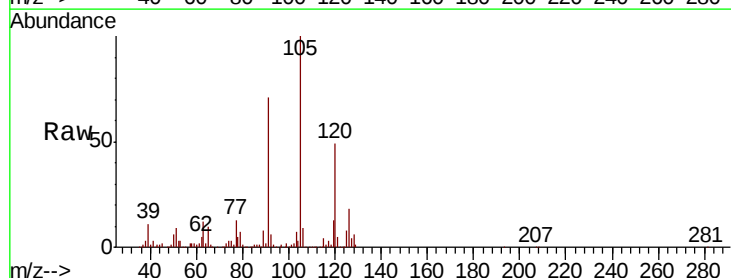
Instrument :
 MSVOA_X
 ClientSampleId :

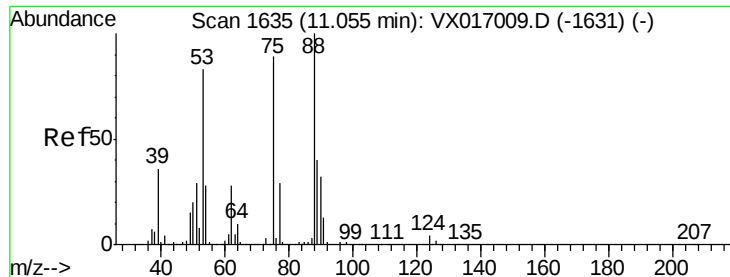
Tot Ion: 91 Resp: 157462
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.278 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Tgt Ion: 105 Resp: 191845
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.397 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

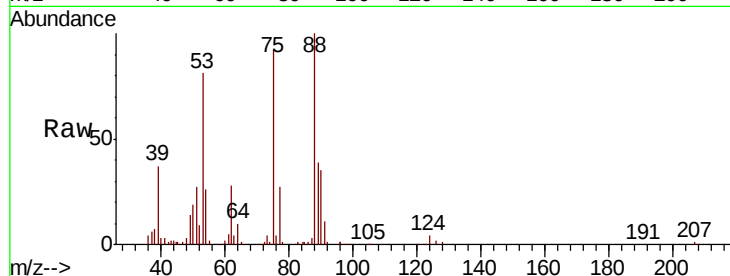
Tot Ion: 75 Resp: 25588

Ion Ratio Lower Upper

75 100

53 97.2 72.4 108.6

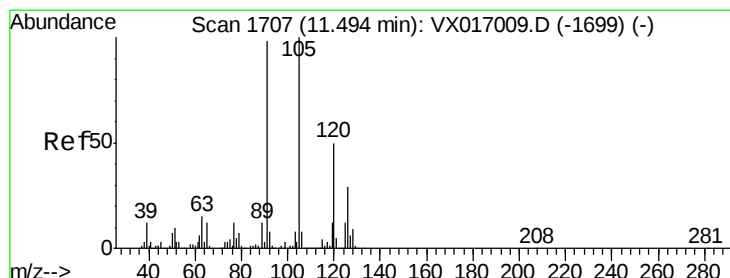
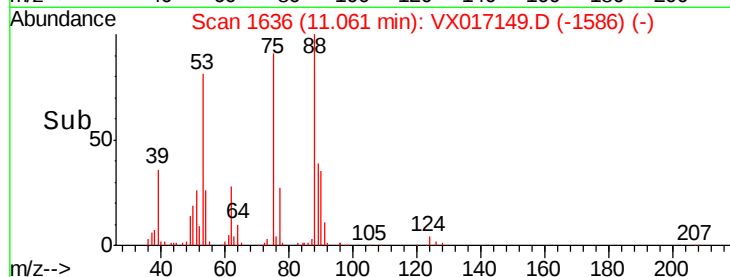
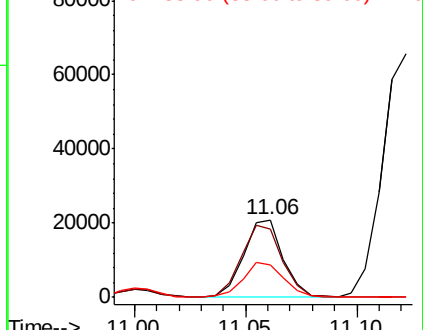
89 46.8 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.308 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017149.D

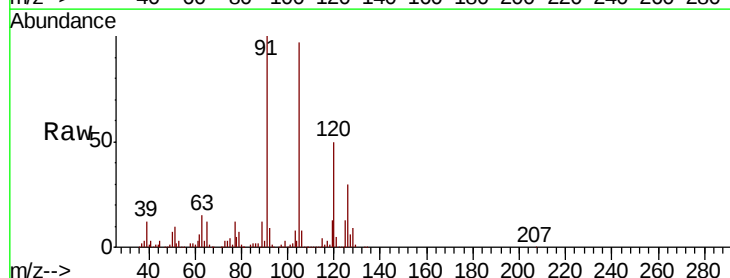
Acq: 02 Jul 2020 15:32

Tgt Ion: 91 Resp: 189521

Ion Ratio Lower Upper

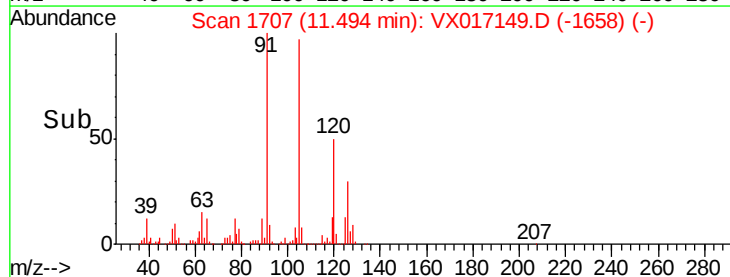
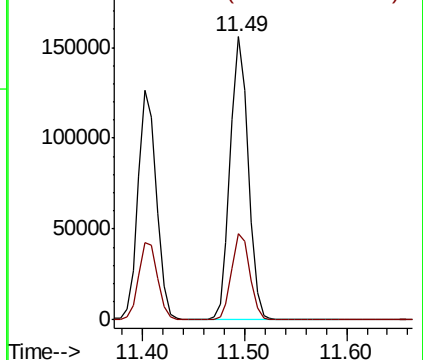
91 100

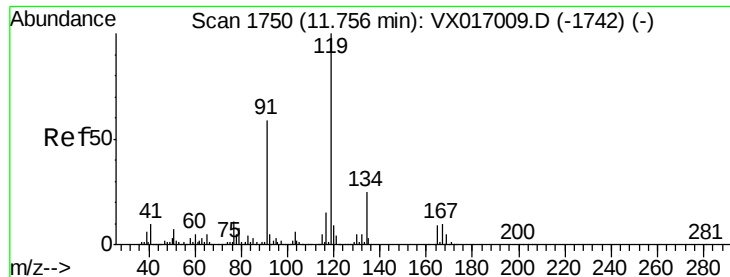
126 30.8 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

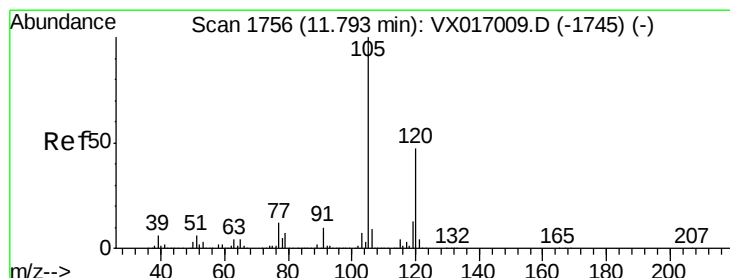
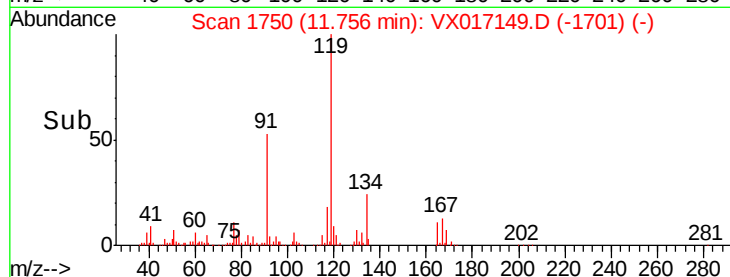
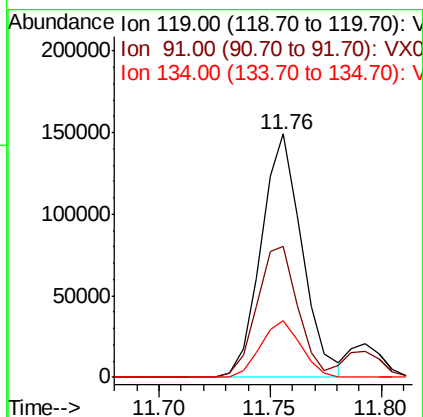
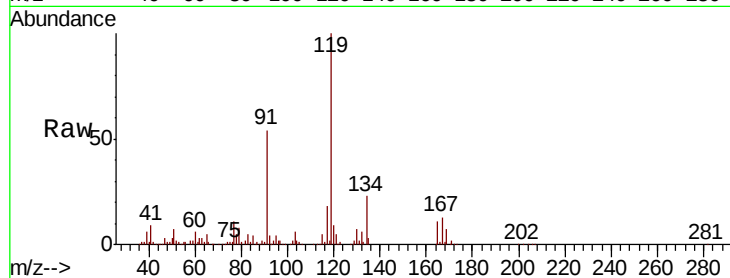




#83
tert-Butylbenzene
Concen: 19.435 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

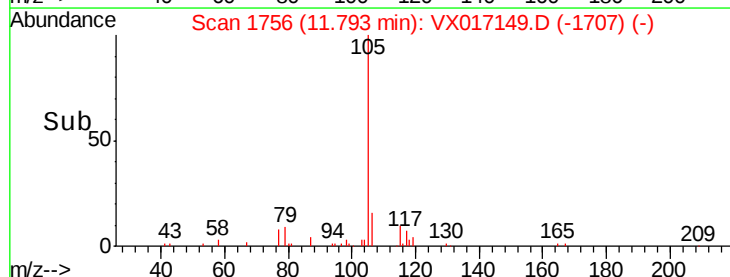
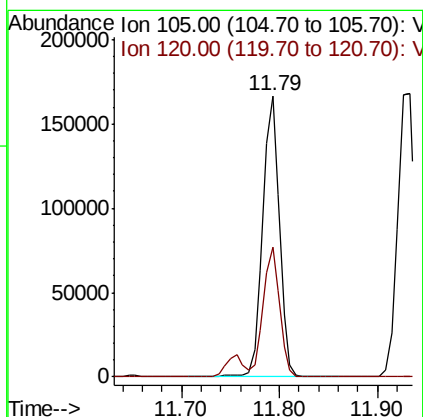
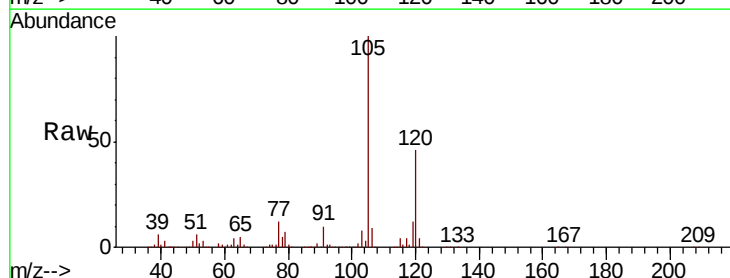
Instrument :
MSVOA_X
ClientSampleId :

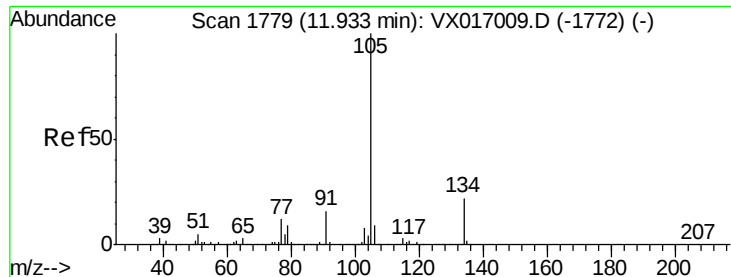
Tot Ion	Ratio	Lower	Upper
119	100		
91	53.9	28.3	84.9
134	23.2	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.780 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.5





#85

sec-Butylbenzene

Concen: 18.362 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

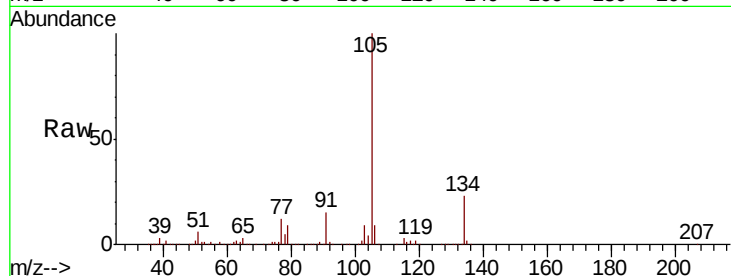
ClientSampleId :

Tot Ion:105 Resp: 210854

Ion Ratio Lower Upper

105 100

134 21.5 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

150000

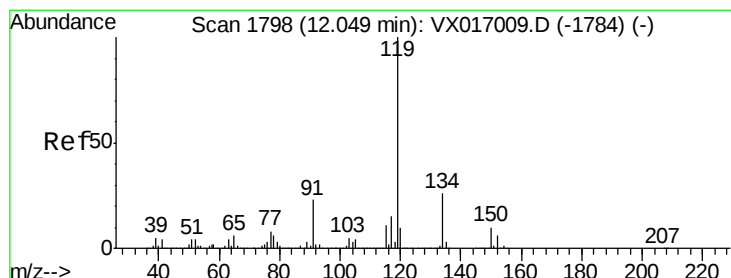
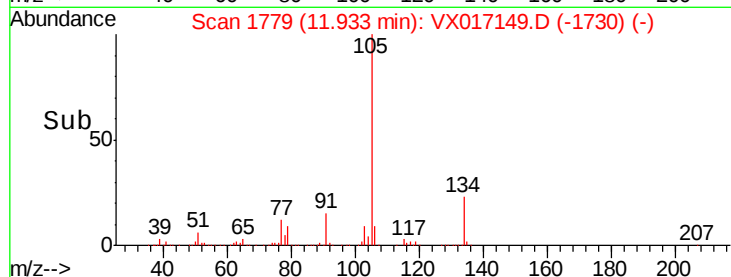
100000

50000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.644 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

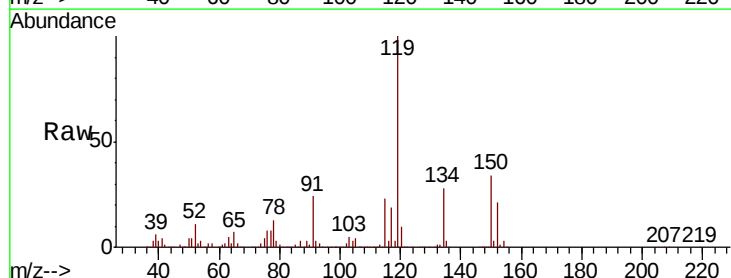
Tgt Ion:119 Resp: 199309

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 23.7 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

12.05

200000

150000

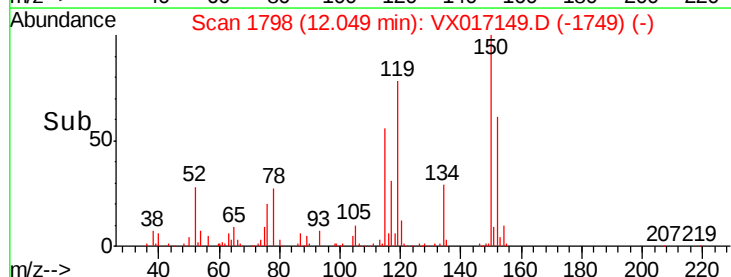
100000

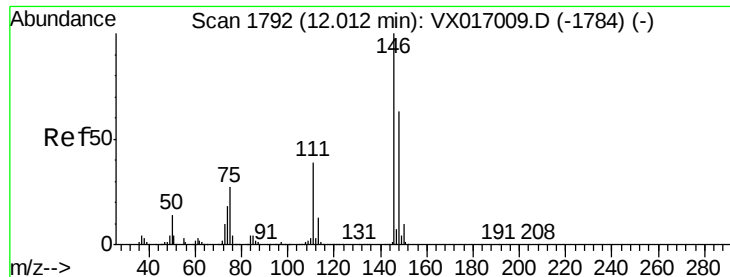
50000

0

Time-->

12.00 12.10

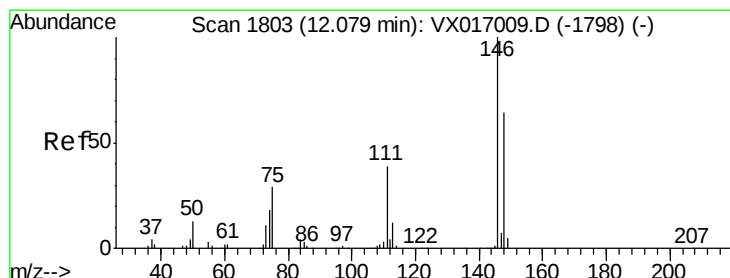
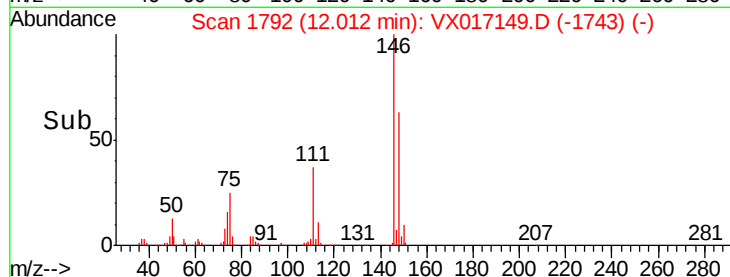
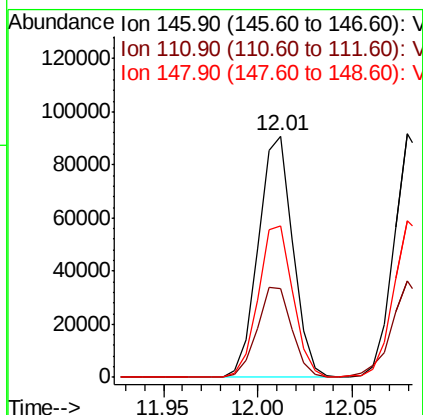
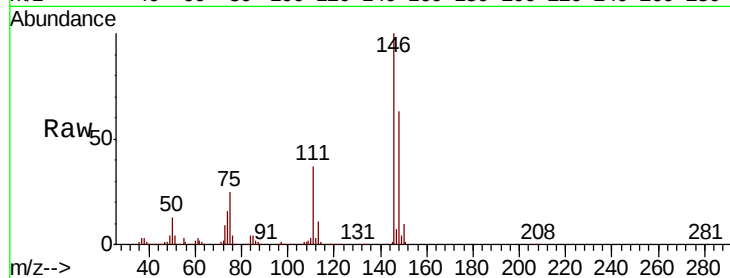




#87
 1,3-Dichlorobenzene
 Concen: 19.260 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

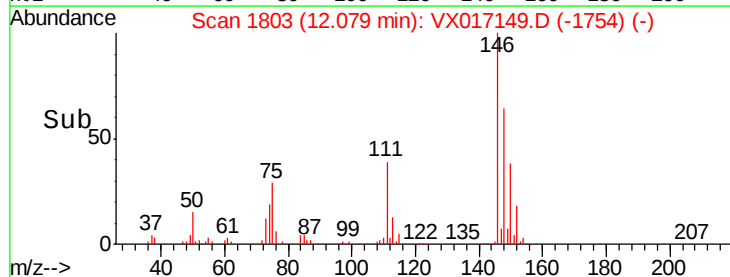
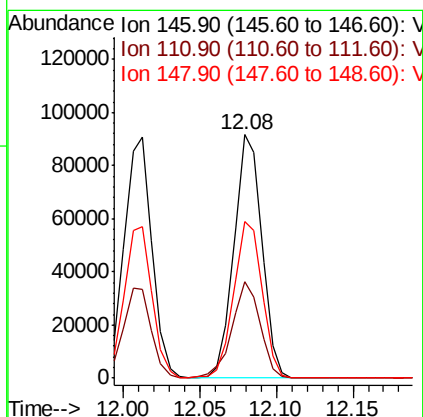
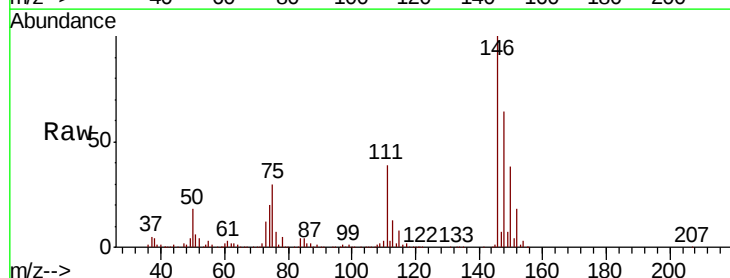
Instrument :
 MSVOA_X
 ClientSampleId :

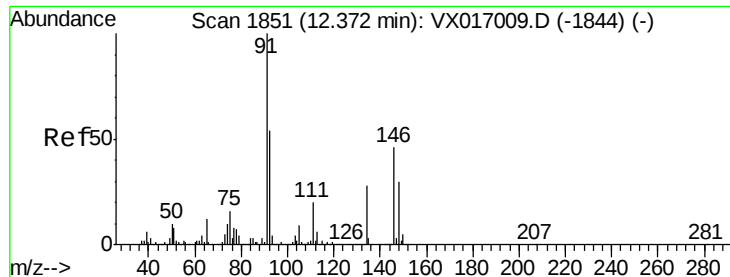
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.4	61.2
148	63.1	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 20.396 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	65.6	31.9	95.7





#89

n-Butylbenzene

Concen: 17.379 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017149.D

Acq: 02 Jul 2020 15:32

Instrument :

MSVOA_X

ClientSampled :

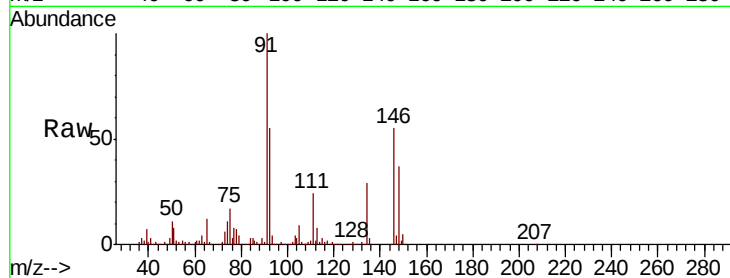
Tot Ion: 91 Resp: 165884

Ion Ratio Lower Upper

91 100

92 53.2 27.2 81.6

134 27.4 13.6 40.7

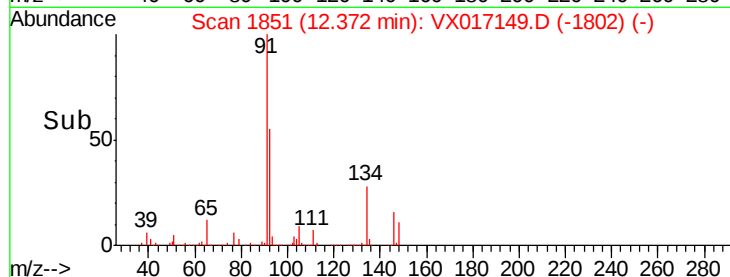


Abundance Ion 91.00 (90.70 to 91.70): VX017149.D (-1844) (-)

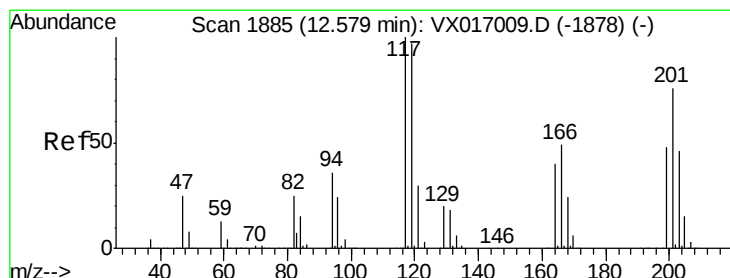
Ion 92.00 (91.70 to 92.70): VX017149.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX017149.D (-1844) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 18.071 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017149.D

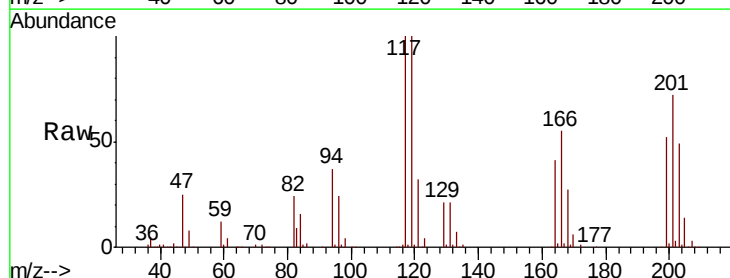
Acq: 02 Jul 2020 15:32

Tgt Ion: 117 Resp: 38095

Ion Ratio Lower Upper

117 100

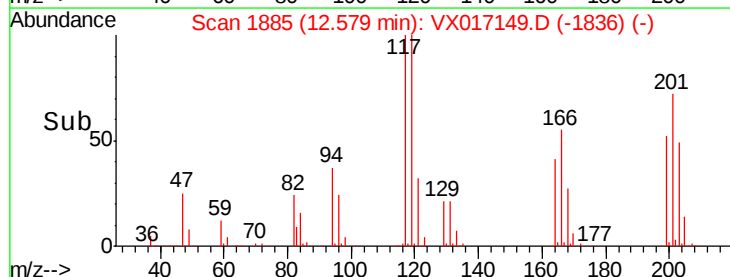
201 79.2 39.4 118.2



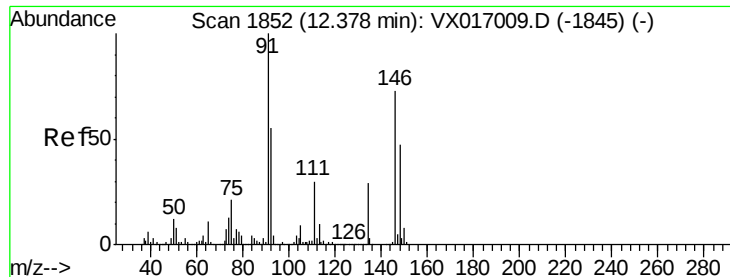
Abundance Ion 116.80 (116.50 to 117.50): VX017149.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX017149.D (-1878) (-)

Time-->



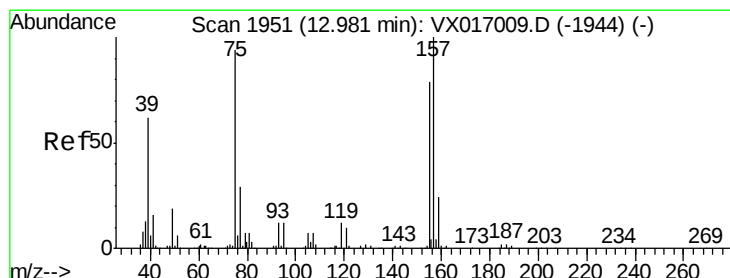
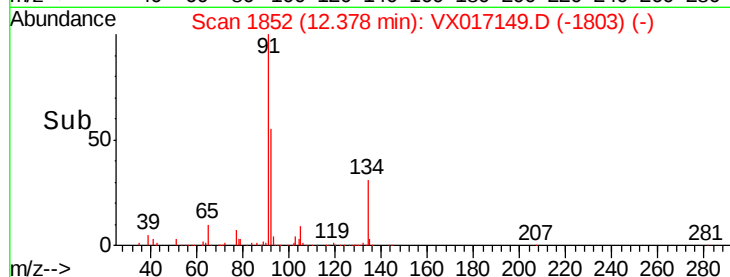
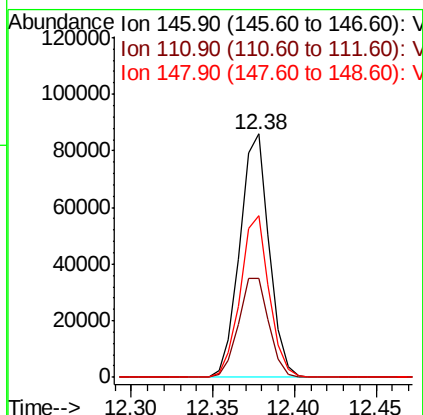
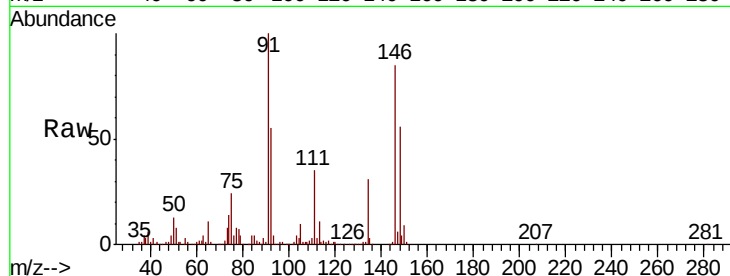
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 19.308 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

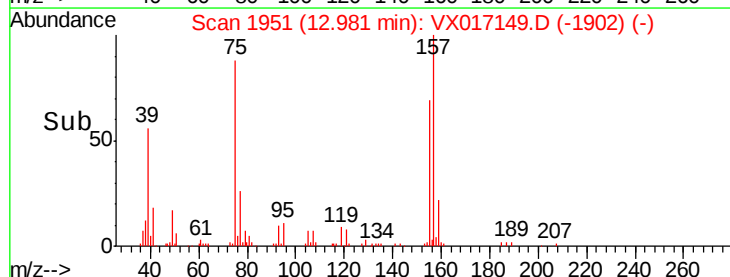
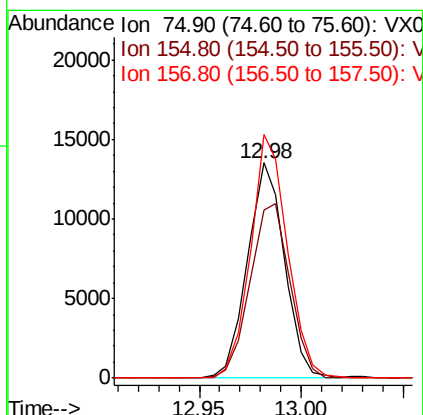
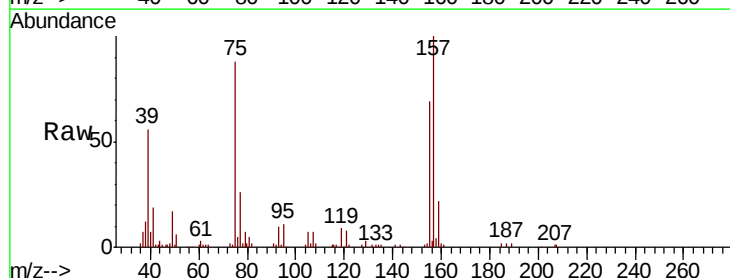
Instrument :
 MSVOA_X
 ClientSampled :

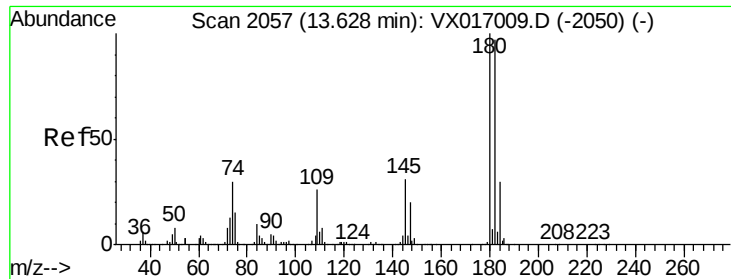
Tot Ion:146 Resp: 108084
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.6 61.9
 148 65.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.913 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Tgt Ion: 75 Resp: 17027
 Ion Ratio Lower Upper
 75 100
 155 87.4 45.1 135.2
 157 112.6 56.5 169.3

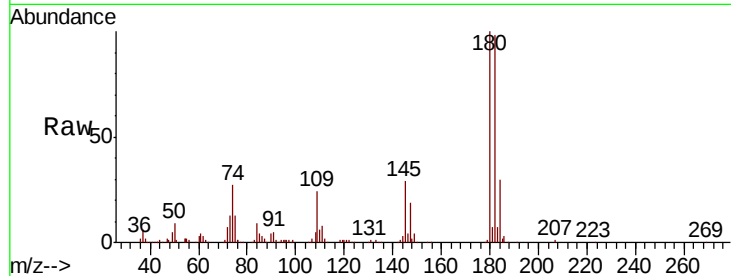




#93
 1,2,4-Trichlorobenzene
 Concen: 18.605 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.9
145	30.7	15.4	46.2

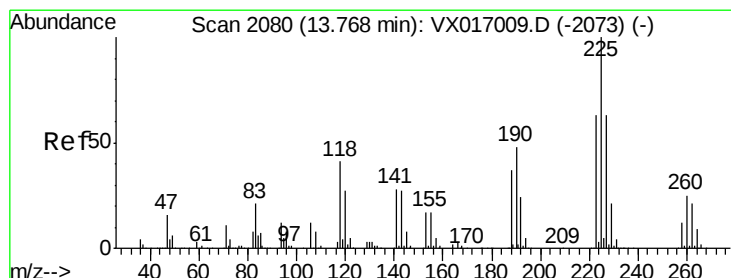
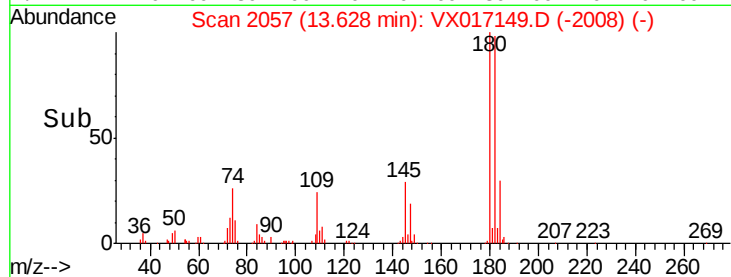
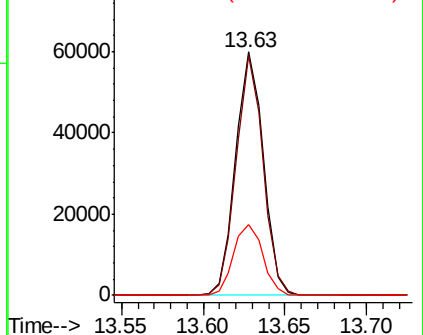


Abundance

Ion 179.80 (179.50 to 180.50): V

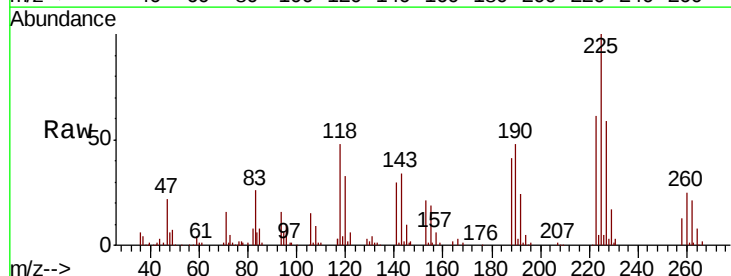
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.400 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017149.D
 Acq: 02 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	32.5	97.5
227	61.9	33.1	99.2

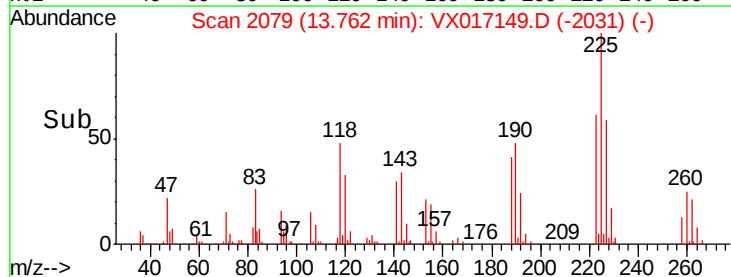
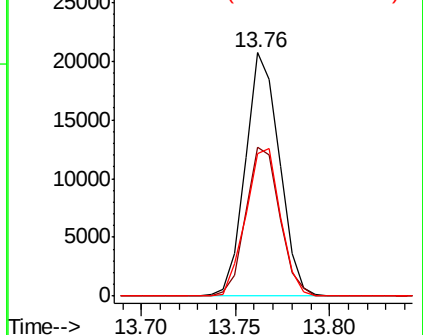


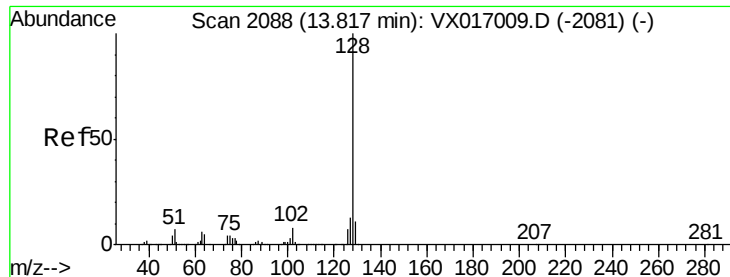
Abundance

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

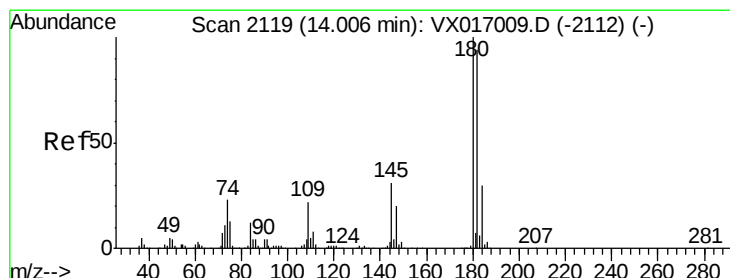
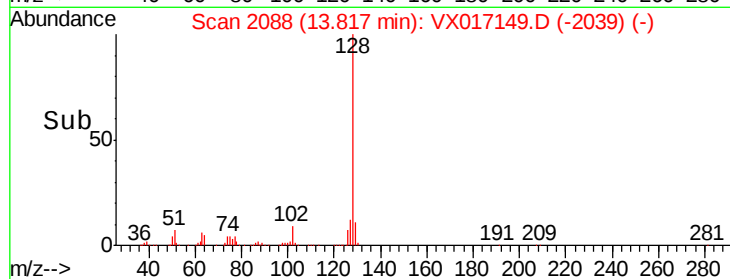
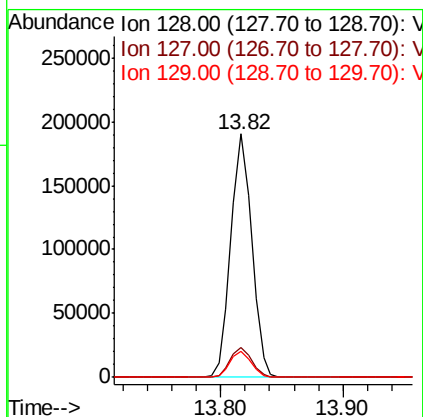
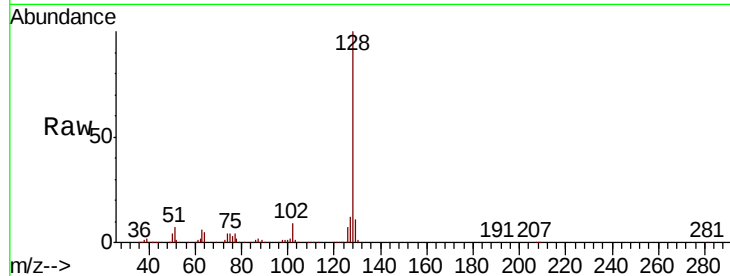




#95
Naphthalene
Concen: 19.467 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 226126
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.481 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017149.D
Acq: 02 Jul 2020 15:32

Tgt Ion:180 Resp: 68337
Ion Ratio Lower Upper
180 100
182 100.4 47.1 141.4
145 35.7 16.6 49.7

