

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX017000.D
 Acq On : 26 Jun 2020 23:40
 Operator : JC/SP
 Sample : VX0626WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:43:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	56582	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	307623	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	286508	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	130315	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.12	95	146979	30.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.53%
63) Toluene-d8	8.70	98	376593	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	59117	21.486	ug/l 98
3) Chloromethane	1.31	50	69005	18.494	ug/l 97
4) Vinyl Chloride	1.39	62	66472	17.469	ug/l 96
5) Bromomethane	1.63	94	41191	15.035	ug/l 100
6) Chloroethane	1.72	64	40858	16.649	ug/l 98
7) Trichlorofluoromethane	1.92	101	97732	15.793	ug/l 99
8) Diethyl Ether	2.17	74	36881	16.379	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60879	18.537	ug/l 95
10) 1,1-Dichloroethene	2.36	96	61815	19.084	ug/l 92
11) Methyl Iodide	2.49	142	72376	16.734	ug/l 99
12) Methyl Acetate	2.75	43	77905	19.067	ug/l 94
13) Acrolein	2.27	56	52027	80.697	ug/l 98
14) Acrylonitrile	3.12	53	183518	94.832	ug/l 99
15) Acetone	2.42	58	47597	95.041	ug/l 91
16) Carbon Disulfide	2.55	76	175786	17.263	ug/l 99
17) Allyl chloride	2.71	41	111534	18.394	ug/l 95
18) Methylene Chloride	2.84	84	69985	17.938	ug/l 94
19) trans-1,2-Dichloroethene	3.14	96	66880	18.223	ug/l 97
20) Diisopropyl ether	3.82	45	226312	18.675	ug/l 96
21) 1,1-Dichloroethane	3.67	63	120828	18.082	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	78326	19.169	ug/l 93
23) tert-Butyl Alcohol	3.01	59	78225	91.254	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	210019	18.158	ug/l 97
25) Chloroform	5.18	83	123208	18.186	ug/l 99
26) Cyclohexane	5.55	56	102779	17.632	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	91242	18.207	ug/l 97
30) 2-Butanone	4.64	43	253162	96.919	ug/l 100
31) 2,2-Dichloropropane	4.55	77	88023	15.316	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	113544	18.725	ug/l 96
33) Carbon Tetrachloride	5.76	117	97822	18.191	ug/l 96
34) Benzene	6.11	78	269533	18.472	ug/l 99
35) Methacrylonitrile	5.00	41	54991	19.076	ug/l 97
36) 1,2-Dichloroethane	6.17	62	99904	17.877	ug/l 99
37) Trichloroethene	7.19	130	83424	20.952	ug/l 91
38) Methylcyclohexane	7.44	83	98555	17.269	ug/l 98
39) 1,2-Dichloropropane	7.49	63	69597	18.308	ug/l 96
40) Dibromomethane	7.64	93	48156	18.380	ug/l 98

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 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:43:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	98269	18.113	ug/l	90
42) Vinyl Acetate	3.79	43	963912	91.572	ug/l	100
43) Ethyl Acetate	4.79	43	102583	18.959	ug/l	98
44) Isopropyl Acetate	6.41	43	161247	18.080	ug/l	99
45) 1,4-Dioxane	7.71	88	35495	394.507	ug/l	97
46) Methyl methacrylate	7.74	41	77368	18.746	ug/l	93
47) n-amyl Acetate	10.88	43	137435	17.434	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	103851	17.312	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	112445	17.836	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	69470	18.999	ug/l	99
51) Ethyl methacrylate	9.16	69	99049	17.651	ug/l	97
52) 1,3-Dichloropropane	9.35	76	117136	18.659	ug/l	97
53) Dibromochloromethane	9.57	129	77943	18.546	ug/l	99
54) 1,2-Dibromoethane	9.65	107	73993	19.070	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	290022	98.212	ug/l	99
56) Bromoform	10.84	173	56449	18.921	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	501981	95.116	ug/l	99
59) 2-Hexanone	9.47	43	371948	94.434	ug/l	98
61) Tetrachloroethene	9.32	164	67761	18.545	ug/l	98
62) Toluene	8.76	91	290093	18.512	ug/l	99
64) Chlorobenzene	10.12	112	181261	18.463	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	69130	18.704	ug/l	98
66) Ethyl Benzene	10.23	91	315019	18.128	ug/l	100
67) m/p-Xylenes	10.34	106	242913	37.055	ug/l	97
68) o-Xylene	10.68	106	112960	17.938	ug/l	100
69) Styrene	10.70	104	198501	18.410	ug/l	97
70) Isopropylbenzene	11.00	105	310308	18.168	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	99719	19.011	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	123201	24.458	ug/l	89
73) Bromobenzene	11.24	156	79624	18.472	ug/l	96
74) n-propylbenzene	11.34	91	362604	17.880	ug/l	100
75) 2-Chlorotoluene	11.40	91	218063	18.440	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	262654	18.321	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	32657	15.997	ug/l	95
78) 4-Chlorotoluene	11.49	91	256916	18.349	ug/l	99
79) tert-butylbenzene	11.76	119	251391	18.305	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	262246	18.221	ug/l	99
81) sec-Butylbenzene	11.93	105	294973	17.740	ug/l	100
82) p-Isopropyltoluene	12.05	119	271972	18.115	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	144139	18.660	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	146245	18.843	ug/l	98
85) n-Butylbenzene	12.37	91	237124	17.063	ug/l	99
86) Hexachloroethane	12.58	117	54391	18.512	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	138886	19.209	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	23126	19.378	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	88916	18.228	ug/l	98
90) Hexachlorobutadiene	13.77	225	34323	18.497	ug/l	97
91) Naphthalene	13.82	128	298794	18.687	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	89577	18.817	ug/l	99

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 02:43:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

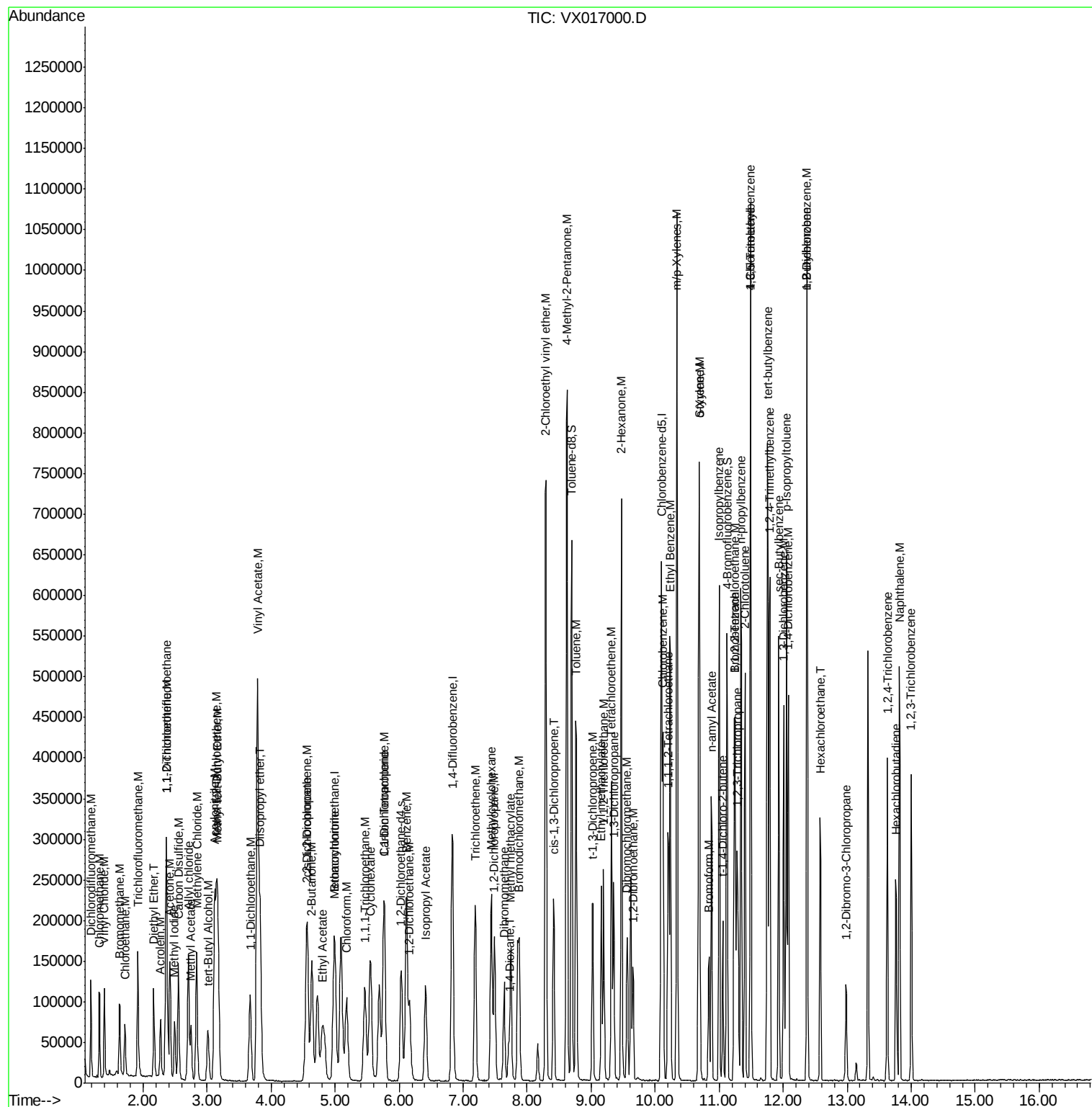
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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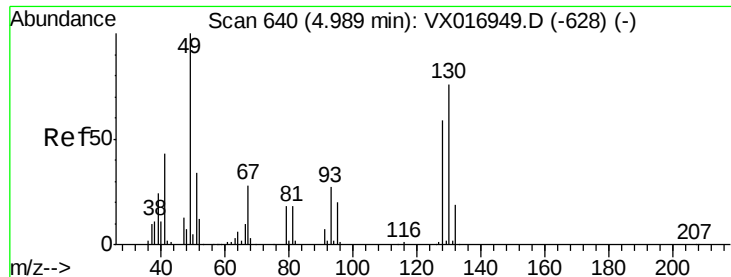
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX017000.D
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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :

Quant Time: Jun 27 02:43:06 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration



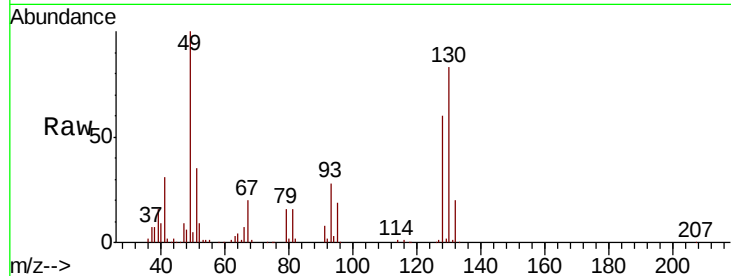


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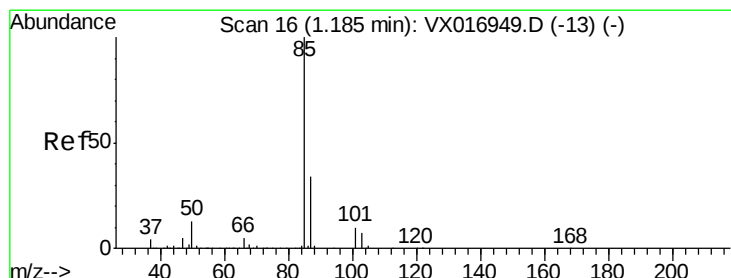
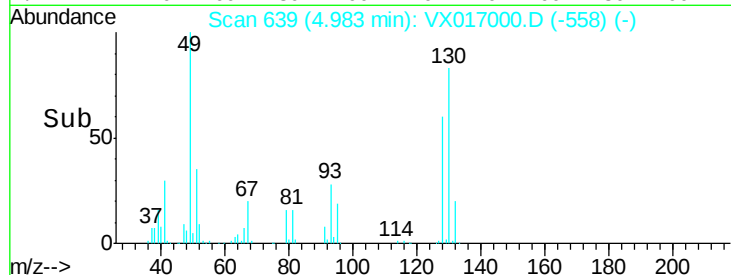
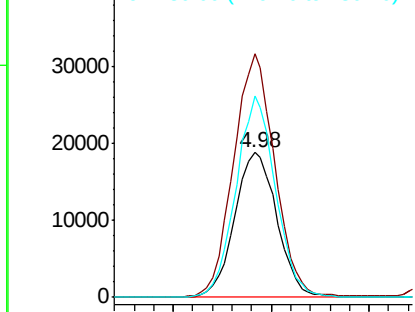
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 56582
Ion Ratio Lower Upper
128 100
49 163.2 0.0 428.0
130 130.2 0.0 318.0



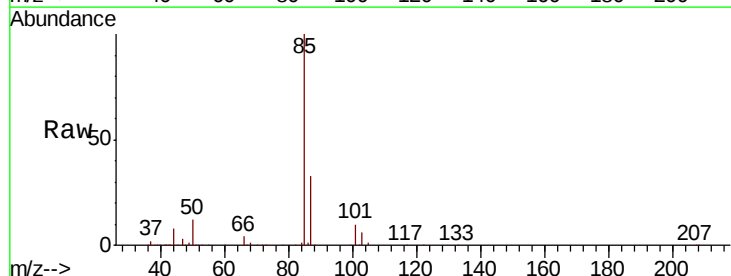
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



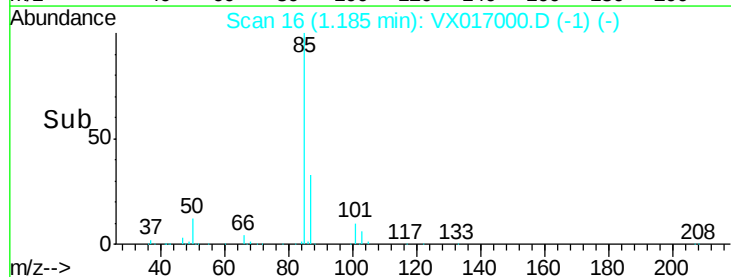
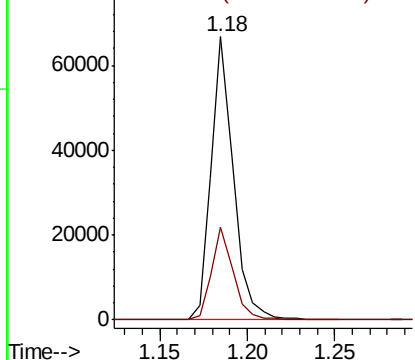
#2

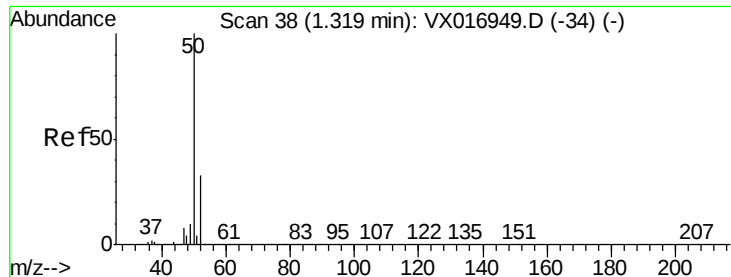
Dichlorodifluoromethane
Concen: 21.486 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 85 Resp: 59117
Ion Ratio Lower Upper
85 100
87 32.6 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

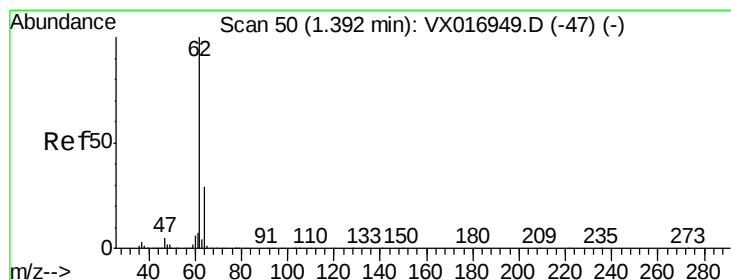
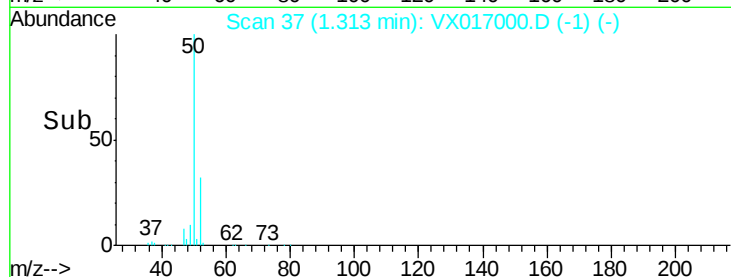
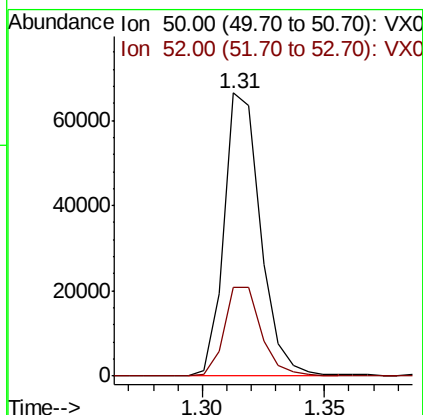
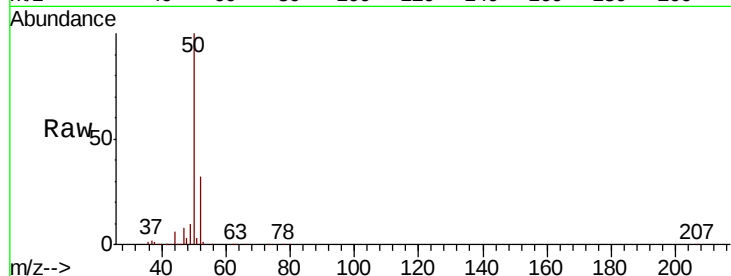




#3
Chloromethane
Concen: 18.494 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

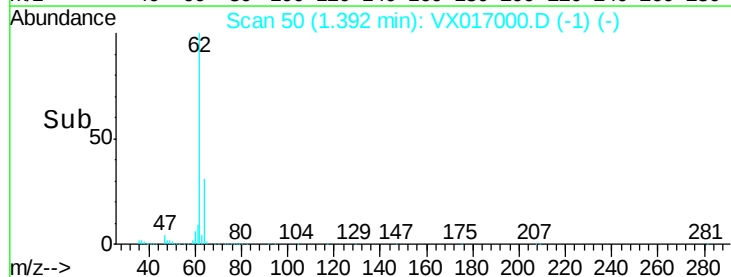
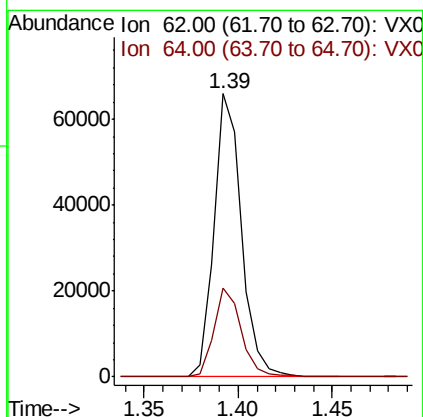
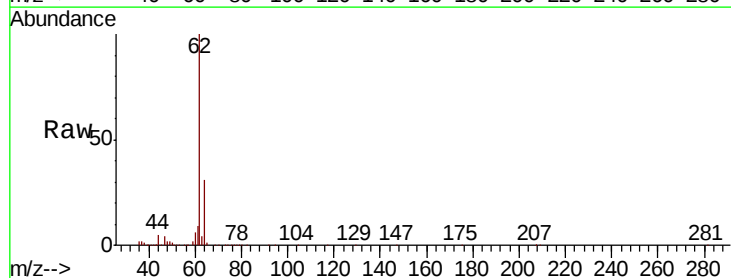
Instrument :
MSVOA_X
ClientSampleId :

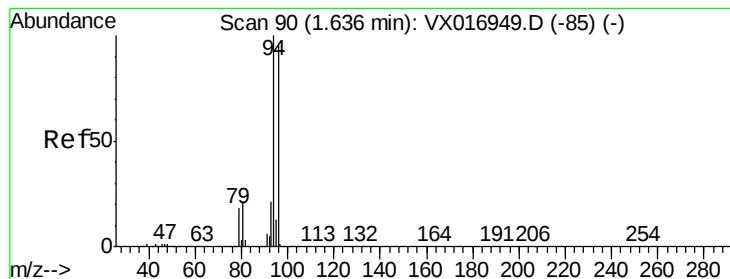
Tot Ion: 50 Resp: 69005
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7



#4
Vinyl Chloride
Concen: 17.469 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 62 Resp: 66472
Ion Ratio Lower Upper
62 100
64 31.3 23.4 35.0





#5

Bromomethane

Concen: 15.035 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

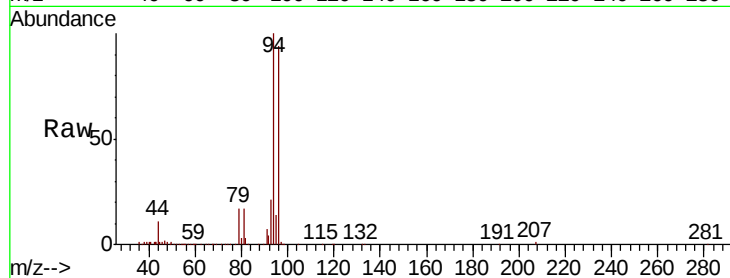
ClientSampleId :

Tot Ion: 94 Resp: 41191

Ion Ratio Lower Upper

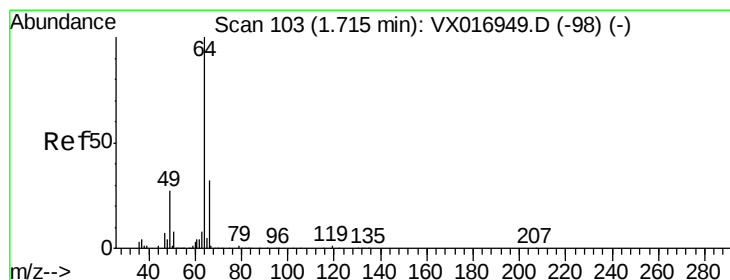
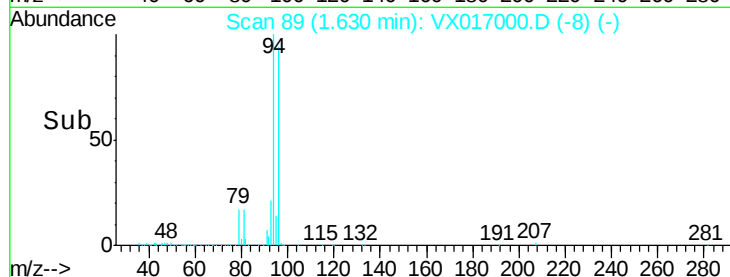
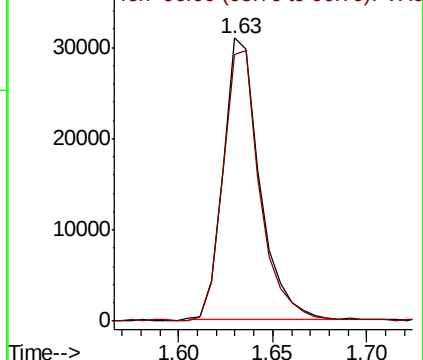
94 100

96 94.8 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX016949.D (-85) (-)

Ion 96.00 (95.70 to 96.70): VX016949.D (-85) (-)



#6

Chloroethane

Concen: 16.649 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017000.D

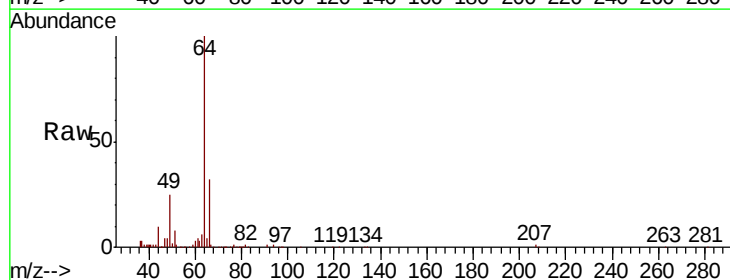
Acq: 26 Jun 2020 23:40

Tgt Ion: 64 Resp: 40858

Ion Ratio Lower Upper

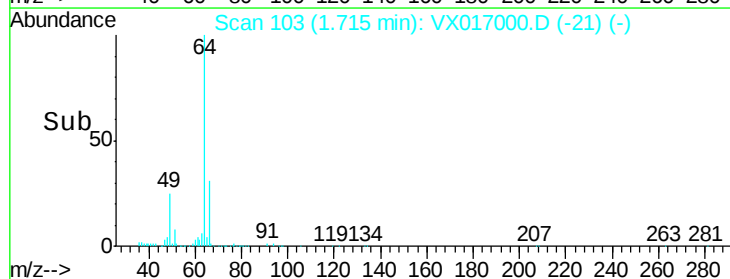
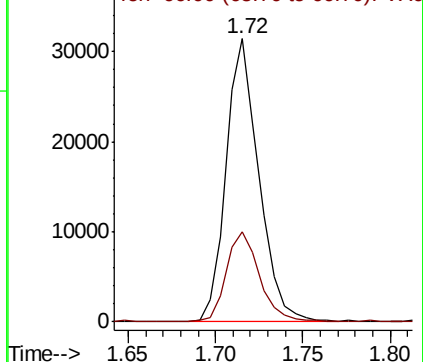
64 100

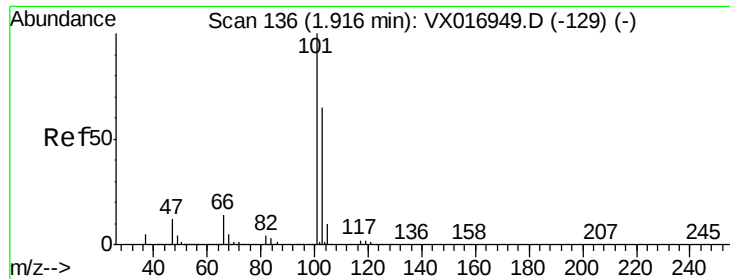
66 31.5 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX016949.D (-98) (-)

Ion 66.00 (65.70 to 66.70): VX016949.D (-98) (-)



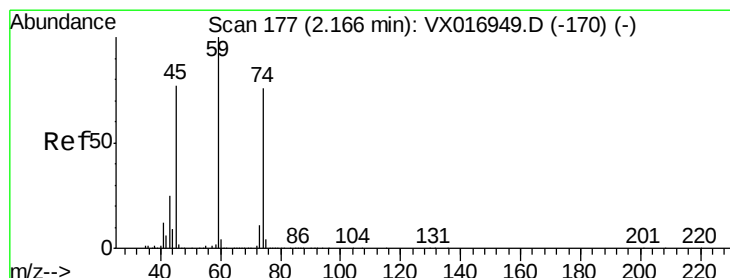
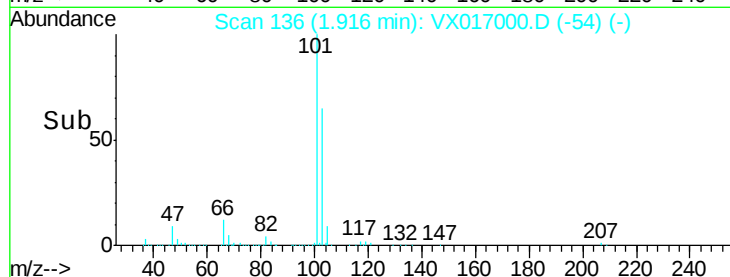
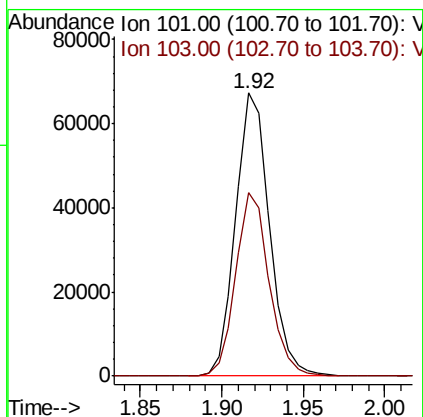
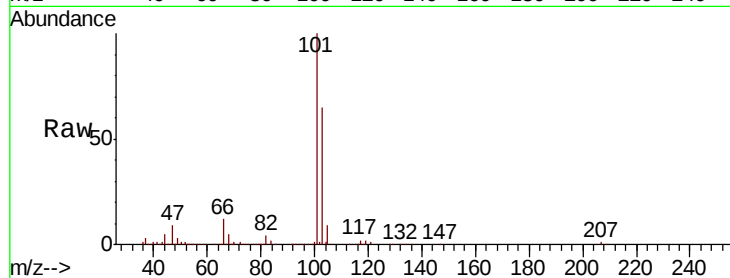


#7

Trichlorofluoromethane
Concen: 15.793 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Instrument :
MSVOA_X
ClientSampleId :

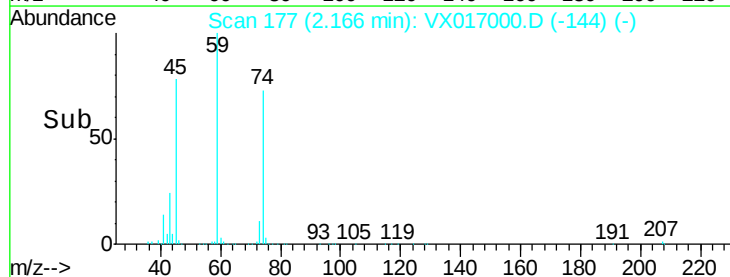
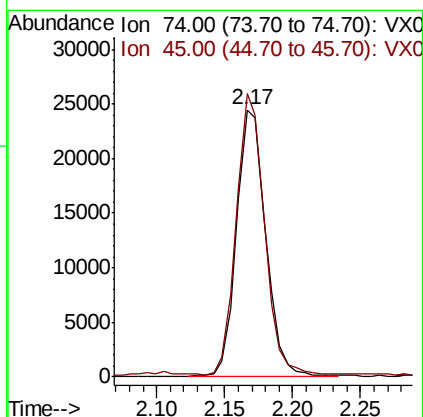
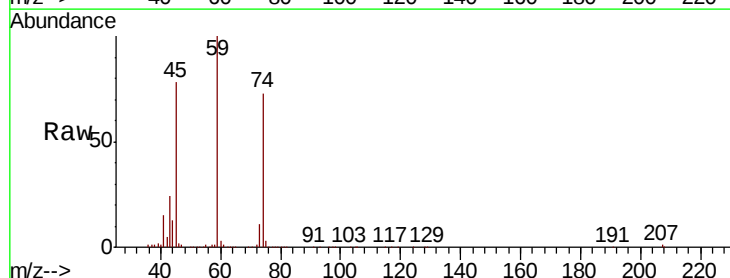
Tot Ion:101 Resp: 97732
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

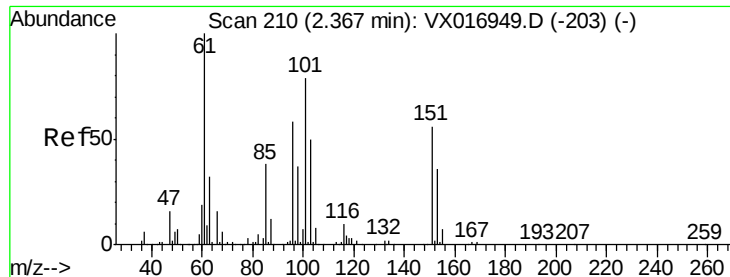


#8

Diethyl Ether
Concen: 16.379 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 74 Resp: 36881
Ion Ratio Lower Upper
74 100
45 101.2 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.537 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

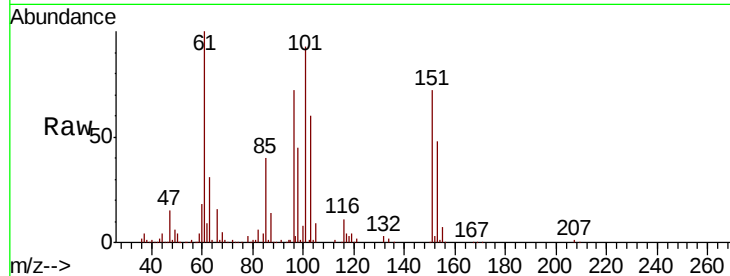
Tot Ion:101 Resp: 60879

Ion Ratio Lower Upper

101 100

85 42.8 0.0 94.6

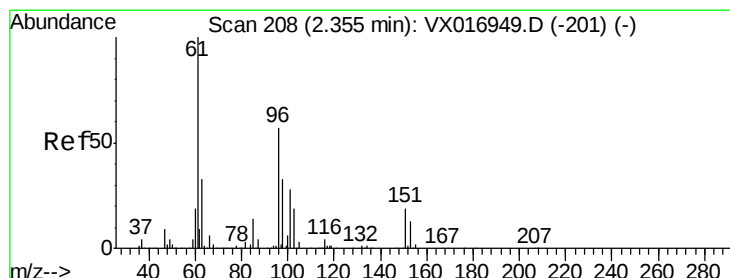
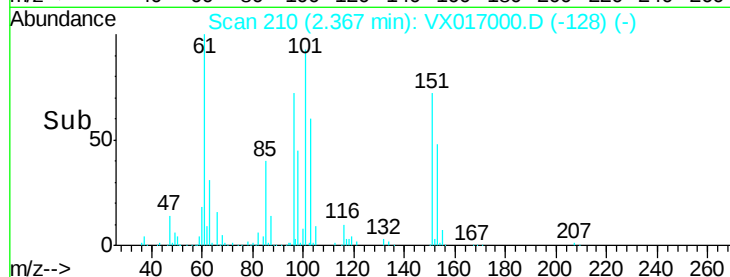
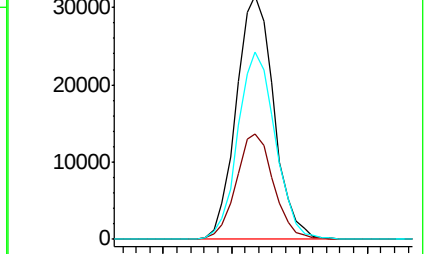
151 76.6 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.084 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

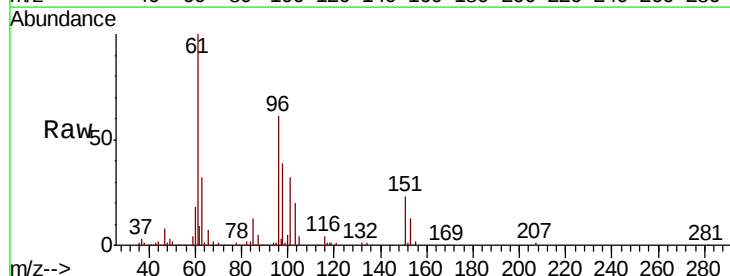
Tgt Ion: 96 Resp: 61815

Ion Ratio Lower Upper

96 100

61 164.3 141.3 211.9

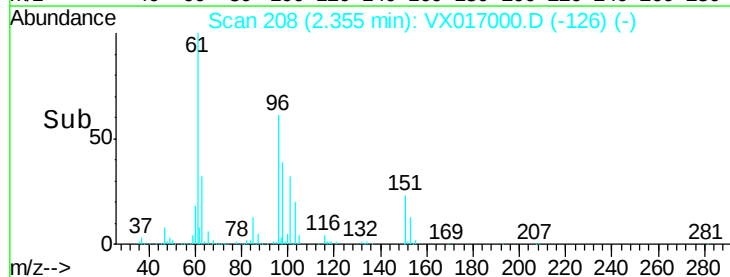
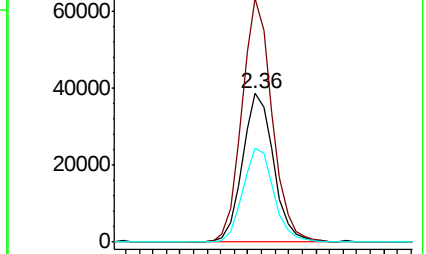
98 63.2 47.0 70.4

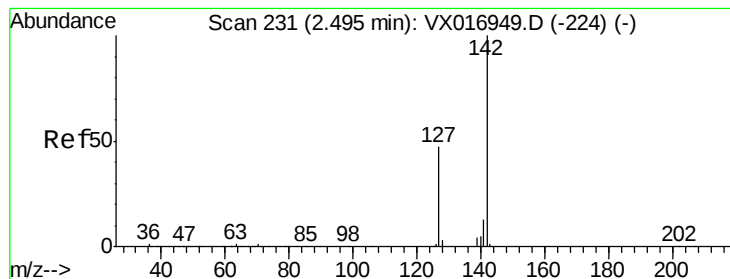


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 16.734 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

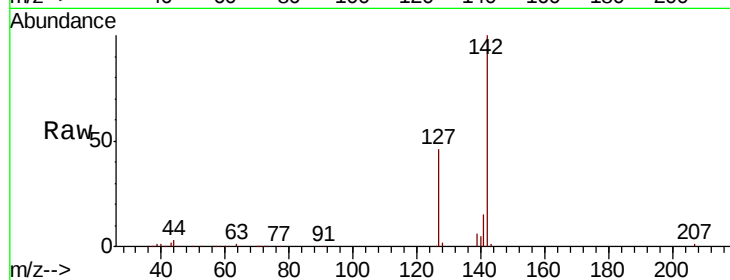
Tot Ion:142 Resp: 72376

Ion Ratio Lower Upper

142 100

127 46.4 23.3 69.9

141 14.6 6.7 20.1



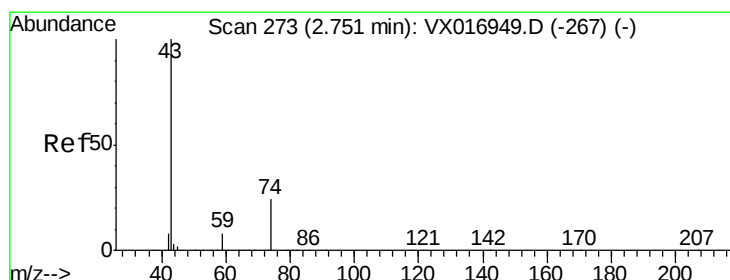
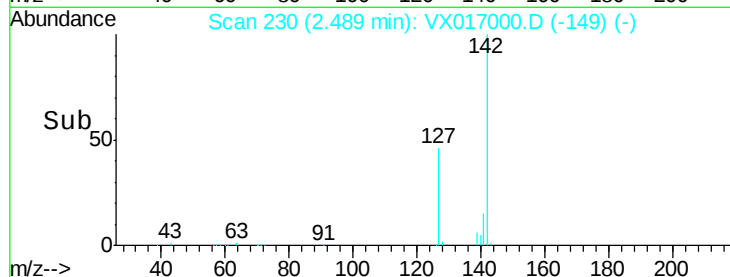
Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

2.49

Time-->



#12

Methyl Acetate

Concen: 19.067 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017000.D

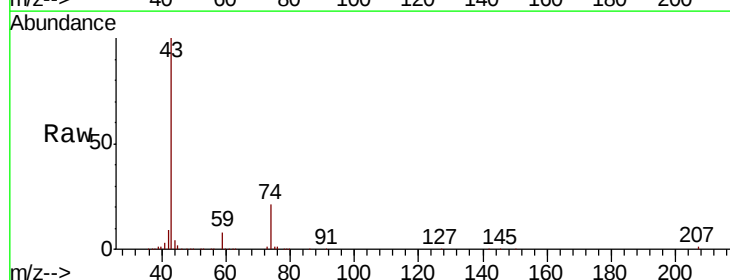
Acq: 26 Jun 2020 23:40

Tgt Ion: 43 Resp: 77905

Ion Ratio Lower Upper

43 100

74 20.8 19.1 28.7

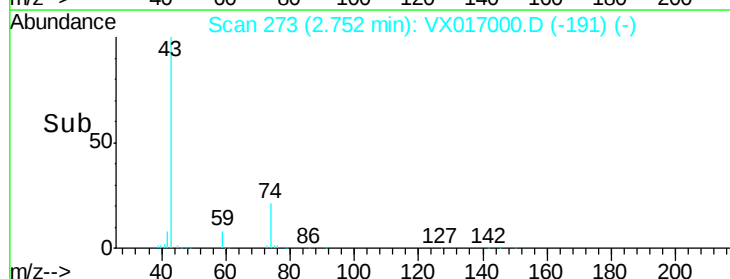


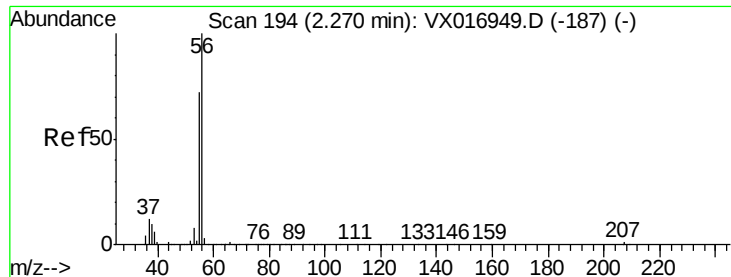
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

Time-->





#13

Acrolein

Concen: 80.697 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

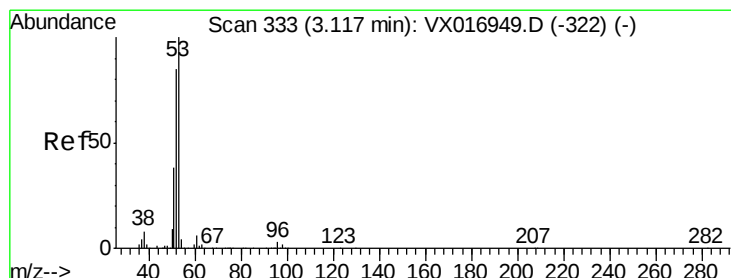
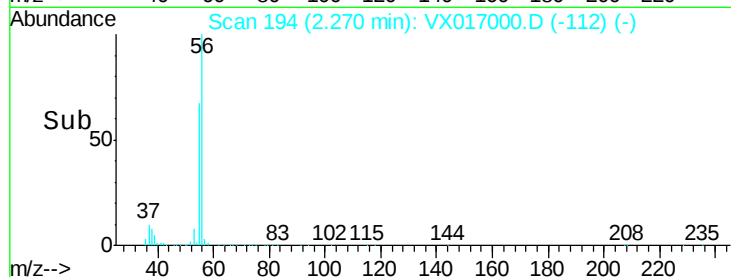
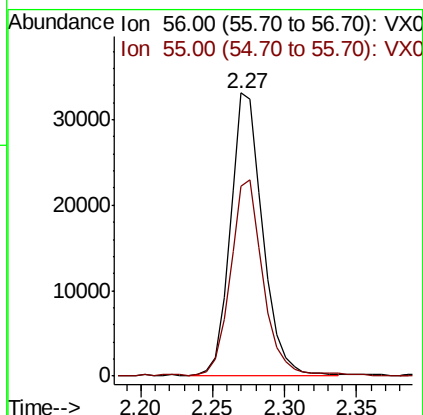
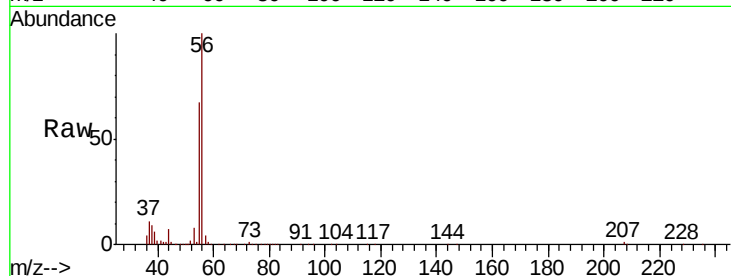
ClientSampleId :

Tot Ion: 56 Resp: 52027

Ion Ratio Lower Upper

56 100

55 68.3 56.2 84.4



#14

Acrylonitrile

Concen: 94.832 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

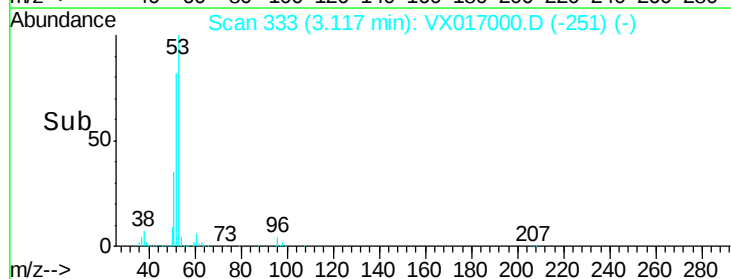
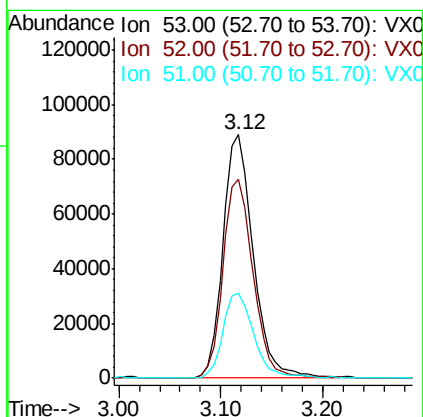
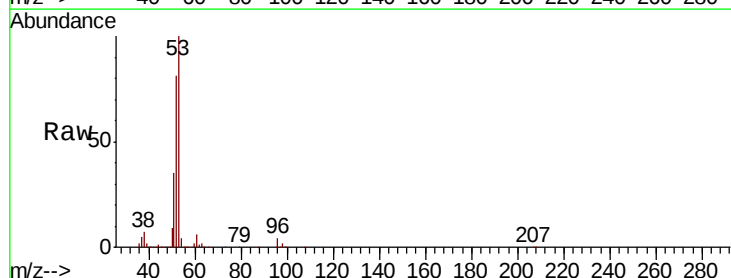
Tgt Ion: 53 Resp: 183518

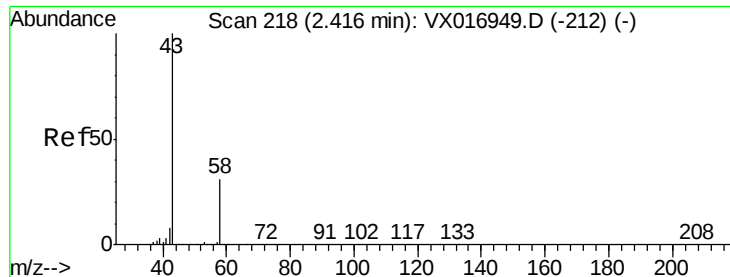
Ion Ratio Lower Upper

53 100

52 80.8 40.6 121.8

51 35.9 18.4 55.4





#15

Acetone

Concen: 95.041 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

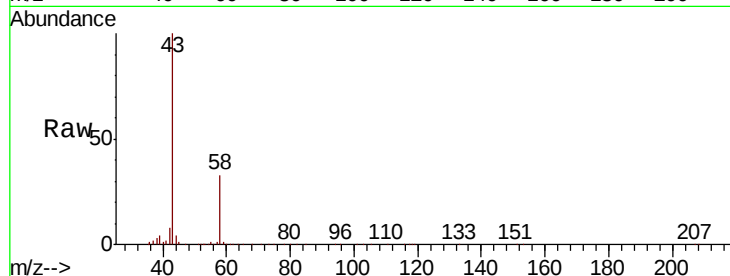
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 47597

Ion Ratio Lower Upper

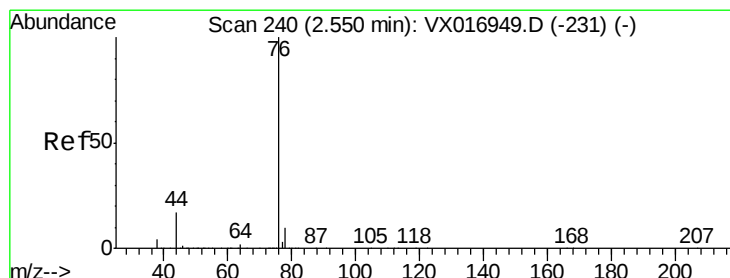
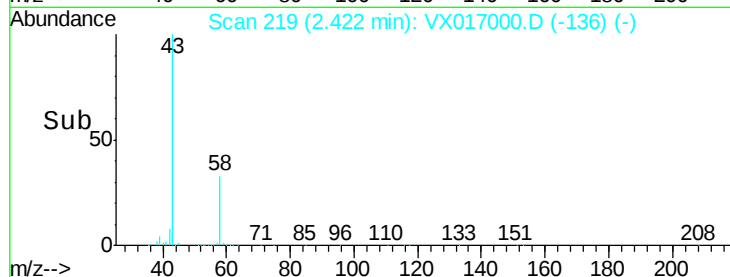
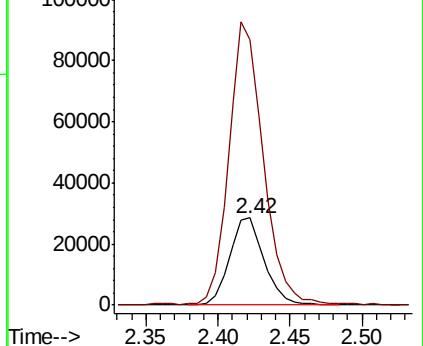
58 100

43 303.8 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.263 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017000.D

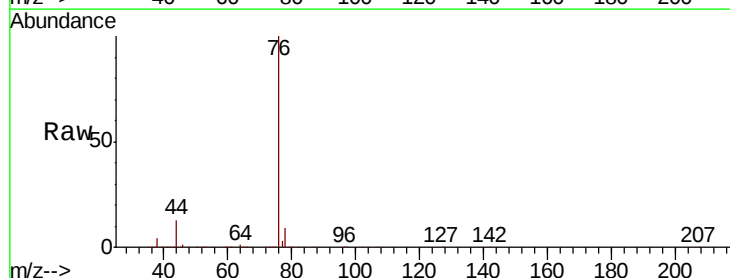
Acq: 26 Jun 2020 23:40

Tgt Ion: 76 Resp: 175786

Ion Ratio Lower Upper

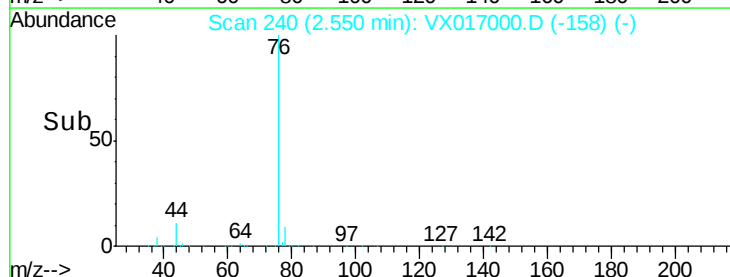
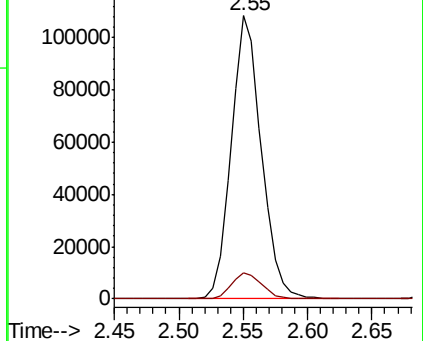
76 100

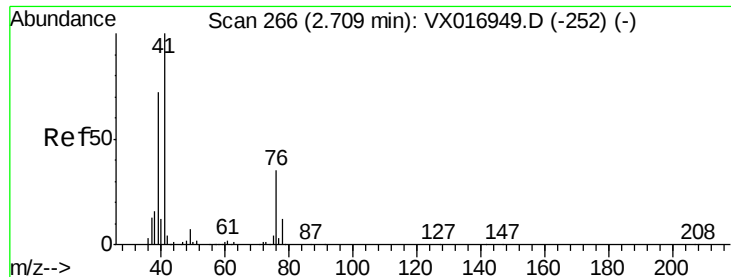
78 9.2 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

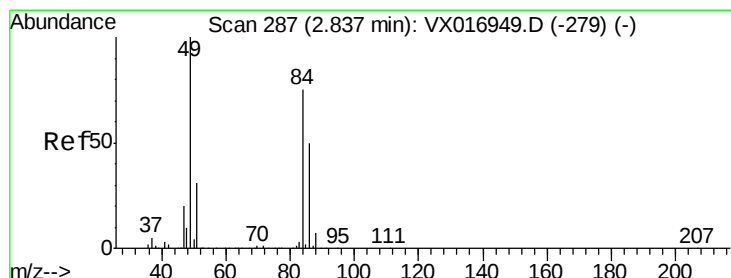
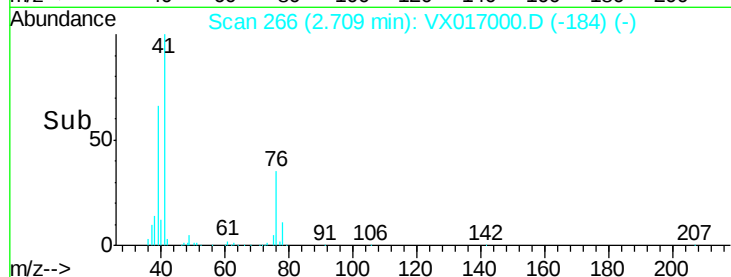
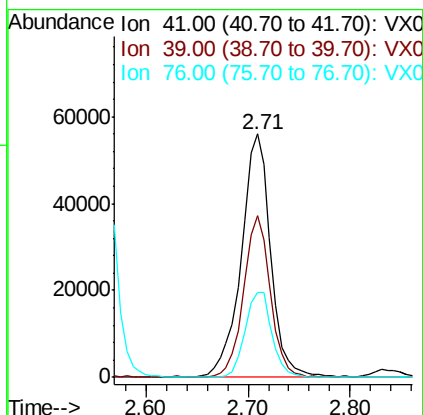
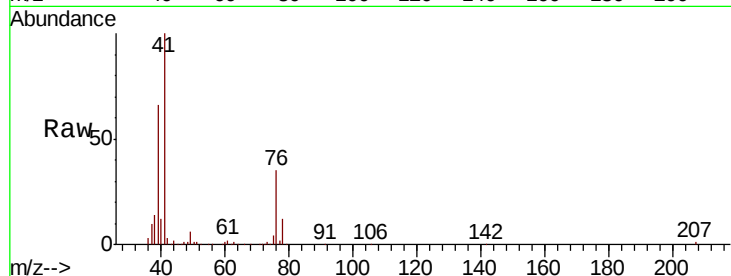




#17
Allvl chloride
Concen: 18.394 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

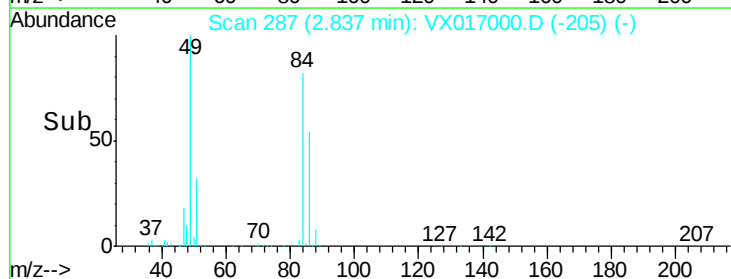
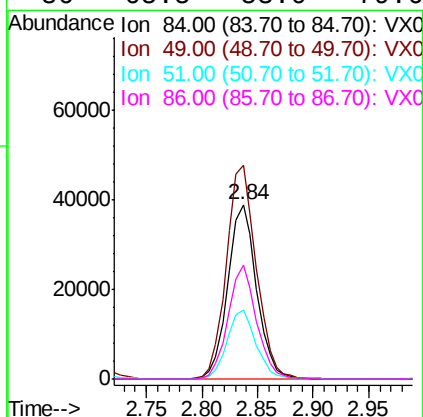
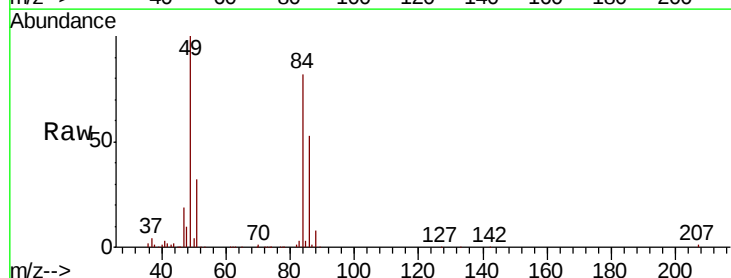
Instrument :
MSVOA_X
ClientSampleId :

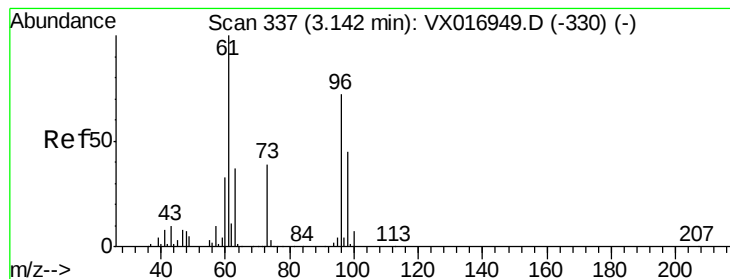
Tot Ion: 41 Resp: 111534
Ion Ratio Lower Upper
41 100
39 66.2 35.9 107.8
76 34.7 17.6 52.8



#18
Methylene Chloride
Concen: 17.938 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 84 Resp: 69985
Ion Ratio Lower Upper
84 100
49 122.3 106.6 159.8
51 39.3 32.7 49.1
86 65.5 53.0 79.6





#19

trans-1,2-Dichloroethene

Concen: 18.223 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

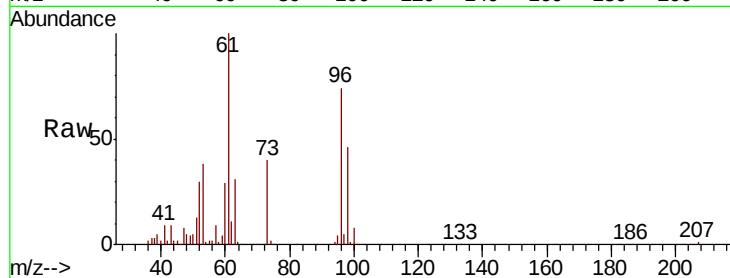
Tot Ion: 96 Resp: 66880

Ion Ratio Lower Upper

96 100

61 134.3 110.6 165.8

98 61.2 49.8 74.6



Abundance Ion 96.00 (95.70 to 96.70): VX016949.D (-330) (-)

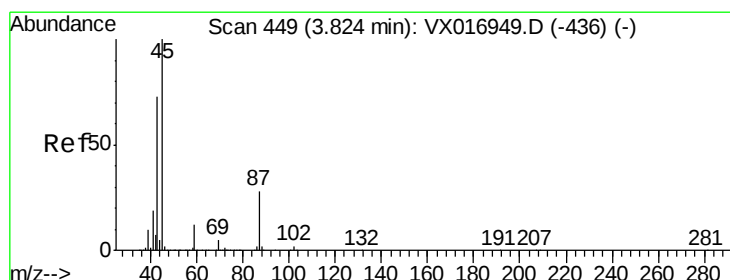
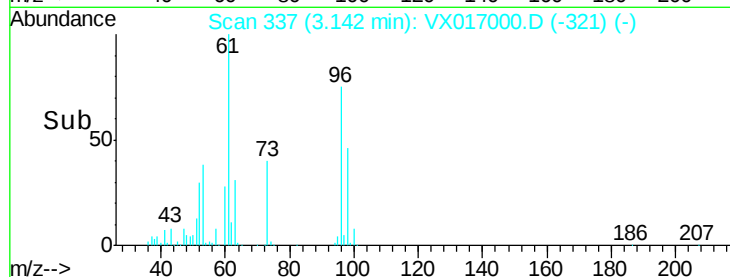
Ion 61.00 (60.70 to 61.70): VX016949.D (-330) (-)

Ion 98.00 (97.70 to 98.70): VX016949.D (-330) (-)

Time-->

3.05 3.10 3.15 3.20 3.25

3.14



#20

Diisopropyl ether

Concen: 18.675 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Tgt Ion: 45 Resp: 226312

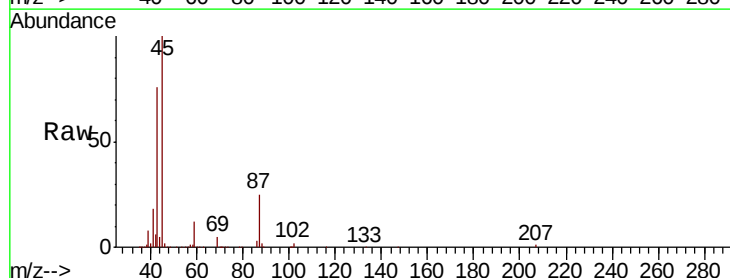
Ion Ratio Lower Upper

45 100

43 75.6 63.9 95.9

87 25.4 22.2 33.4

59 11.8 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VX016949.D (-436) (-)

Ion 43.00 (42.70 to 43.70): VX016949.D (-436) (-)

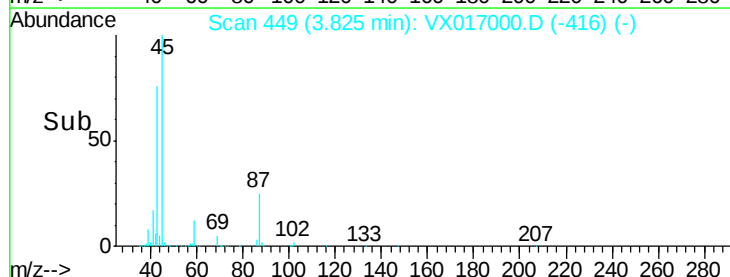
Ion 87.00 (86.70 to 87.70): VX016949.D (-436) (-)

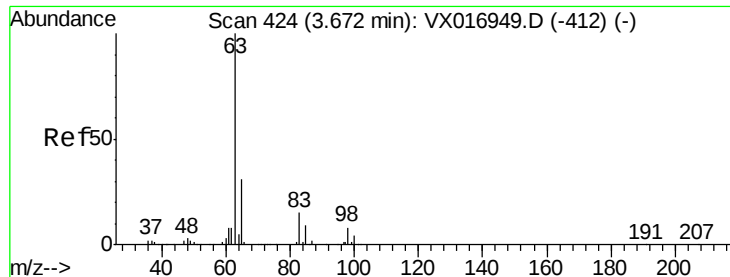
Ion 59.00 (58.70 to 59.70): VX016949.D (-436) (-)

Time-->

3.70 3.80 3.90

3.82





#21

1,1-Dichloroethane

Concen: 18.082 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

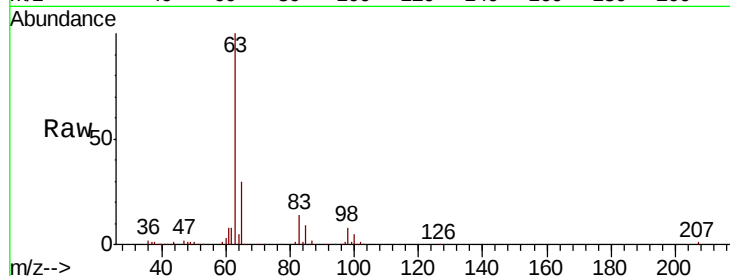
Tot Ion: 63 Resp: 120828

Ion Ratio Lower Upper

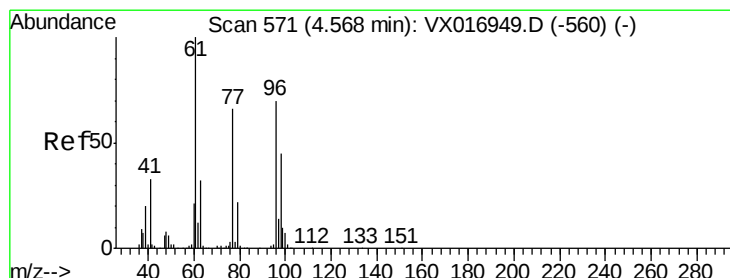
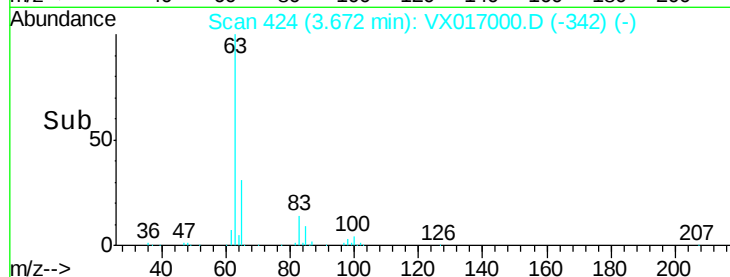
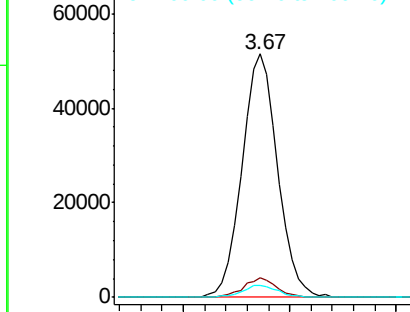
63 100

98 7.9 3.8 11.4

100 4.8 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.169 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

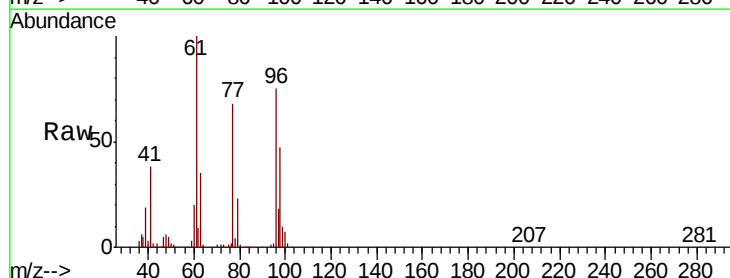
Tgt Ion: 96 Resp: 78326

Ion Ratio Lower Upper

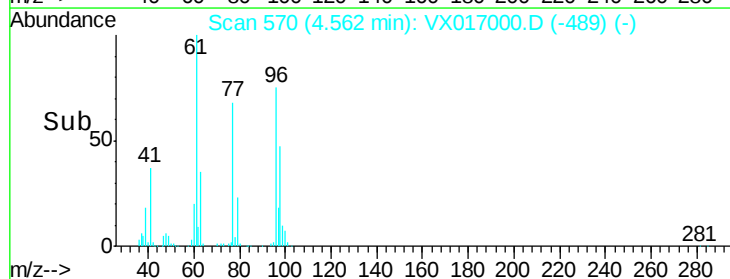
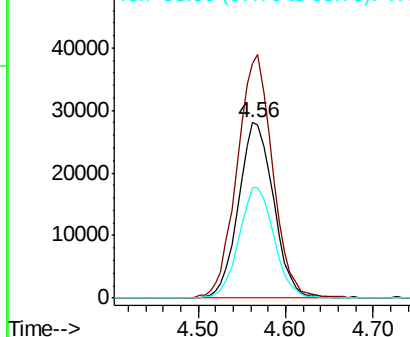
96 100

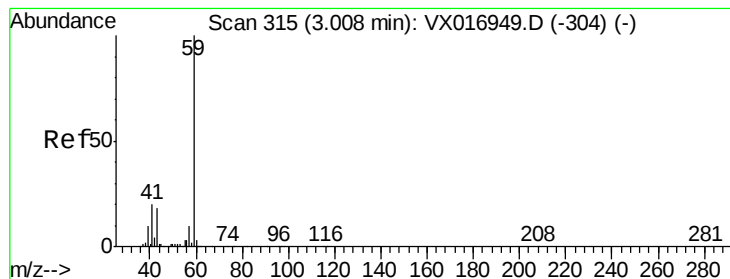
61 139.9 120.8 181.2

98 63.0 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 91.254 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

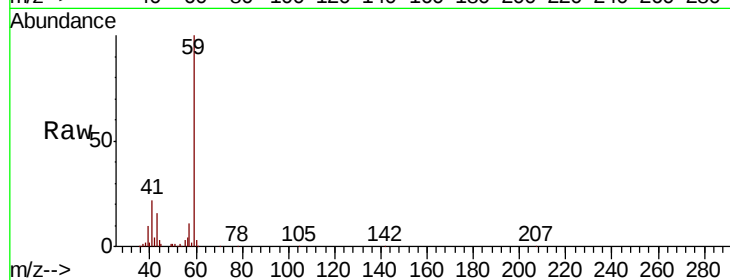
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 78225

Ion Ratio Lower Upper

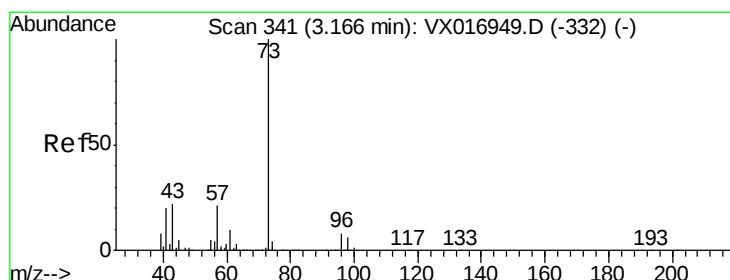
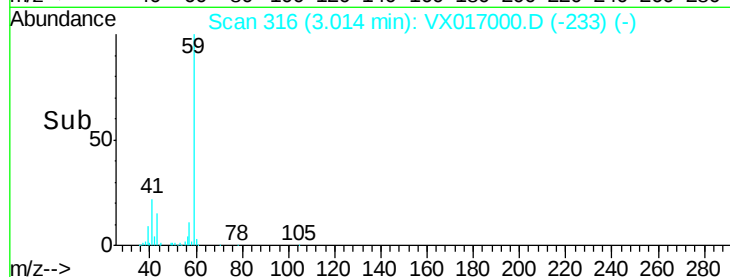
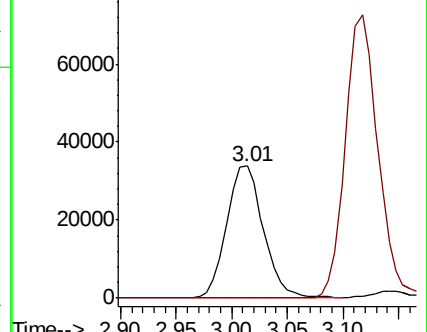
59 100

52 0.2 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 18.158 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX017000.D

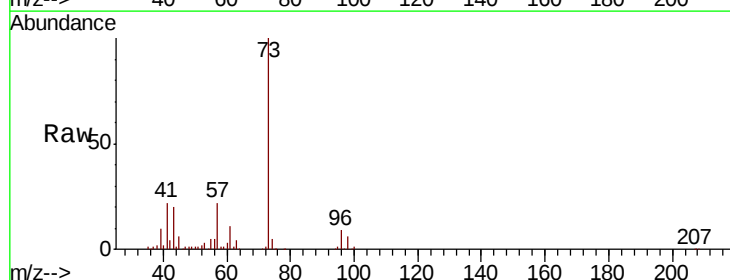
Acq: 26 Jun 2020 23:40

Tgt Ion: 73 Resp: 210019

Ion Ratio Lower Upper

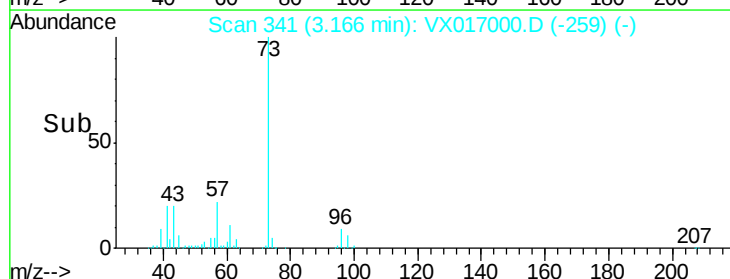
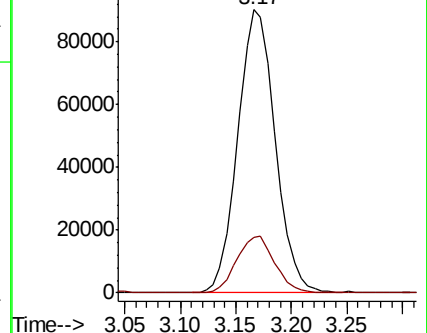
73 100

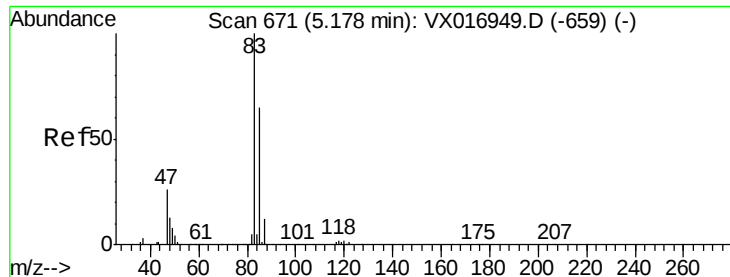
43 20.2 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.186 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

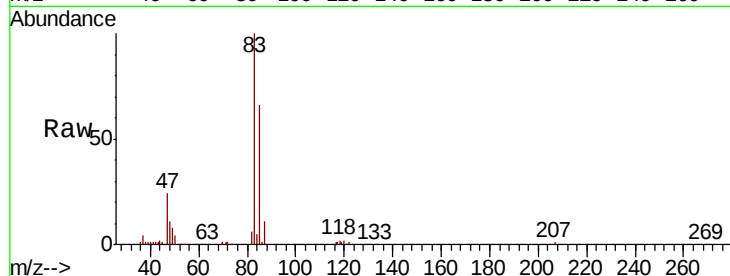
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 123208

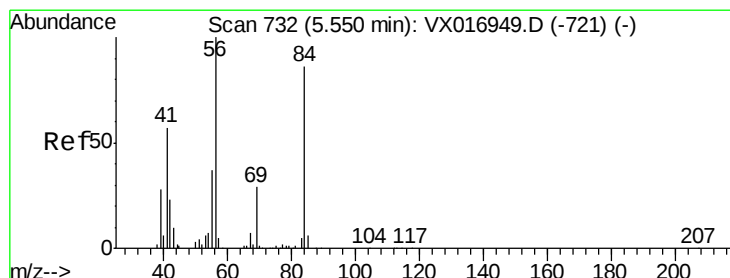
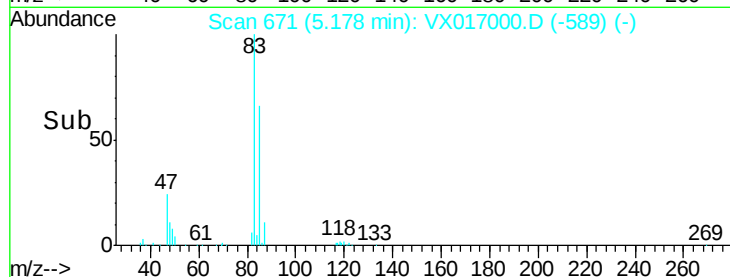
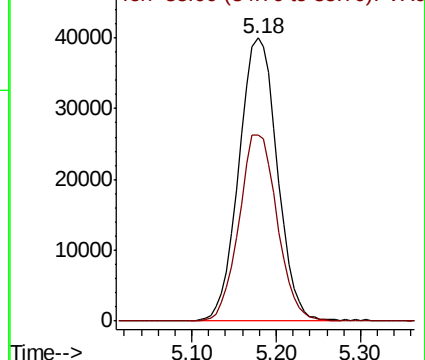
Ion Ratio Lower Upper

83 100

85 65.6 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 17.632 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

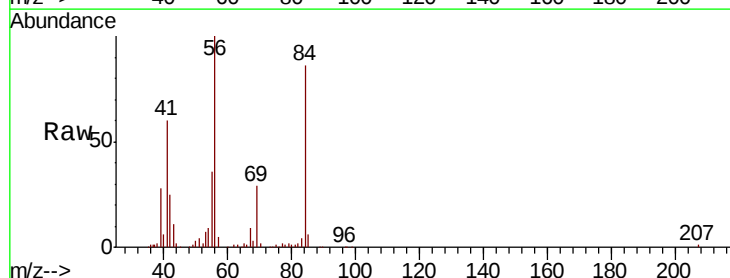
Tgt Ion: 56 Resp: 102779

Ion Ratio Lower Upper

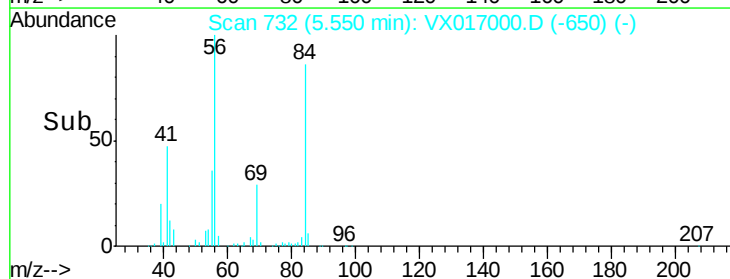
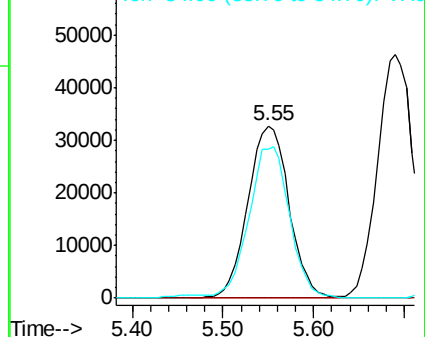
56 100

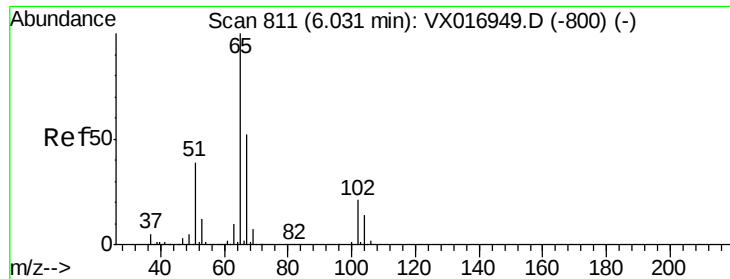
89 0.0 0.0 0.0

84 86.2 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 89.00 (88.70 to 89.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.590 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

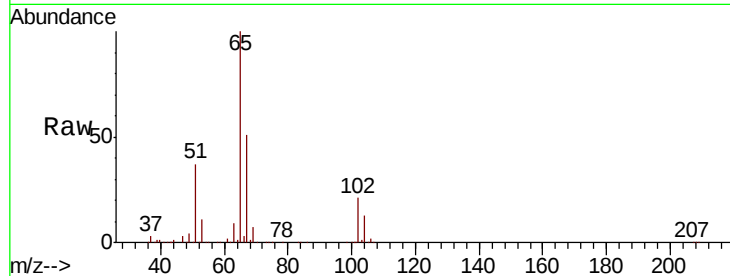
ClientSampled :

Tot Ion: 65 Resp: 130315

Ion Ratio Lower Upper

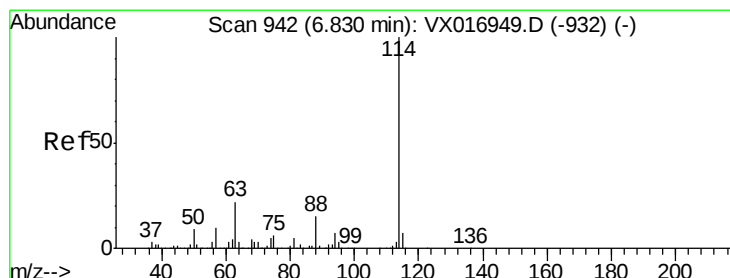
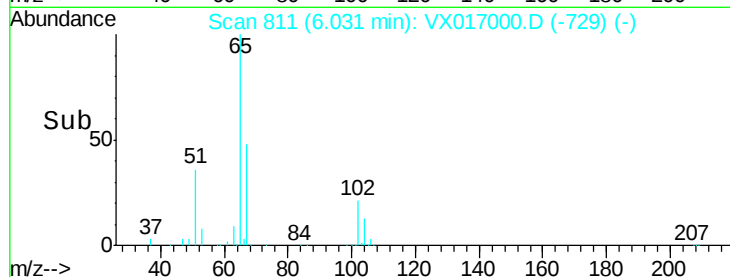
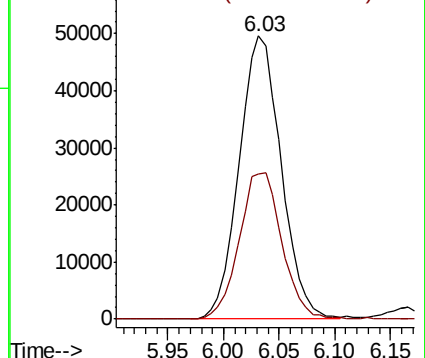
65 100

67 52.2 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

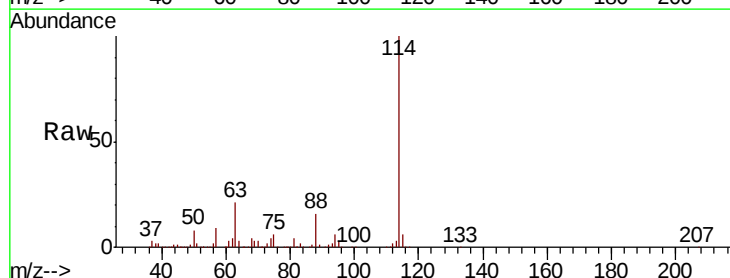
Tgt Ion: 114 Resp: 307623

Ion Ratio Lower Upper

114 100

63 20.9 17.4 26.2

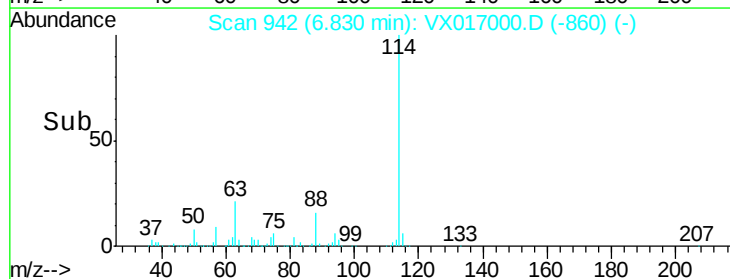
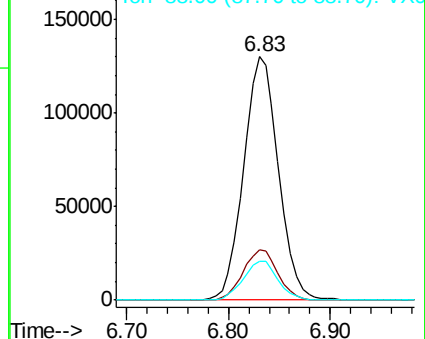
88 16.1 13.0 19.6

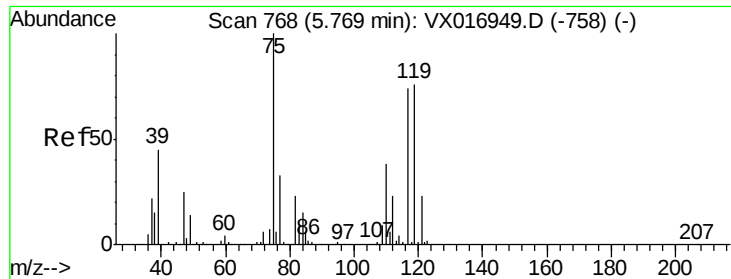


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

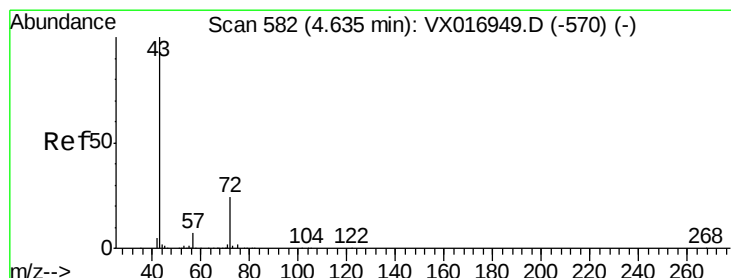
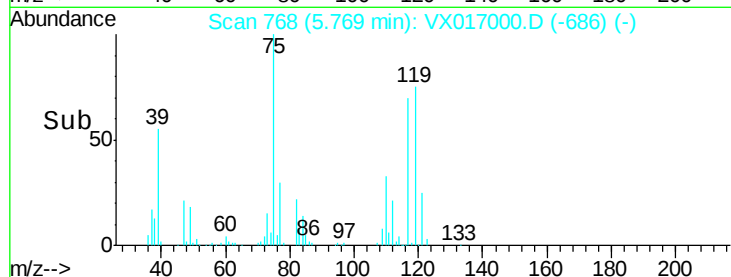
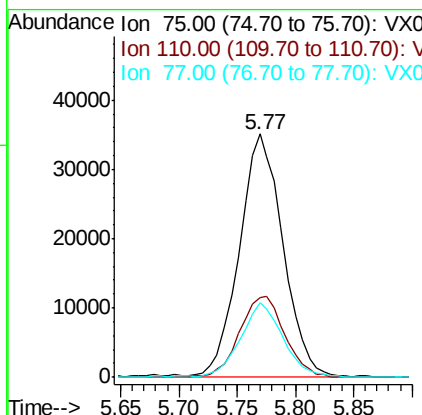
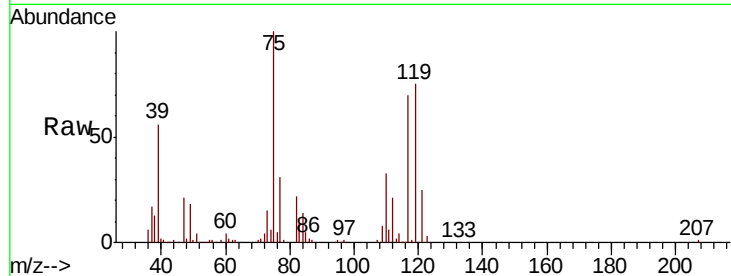




#29
 1,1-Dichloropropene
 Concen: 18.207 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

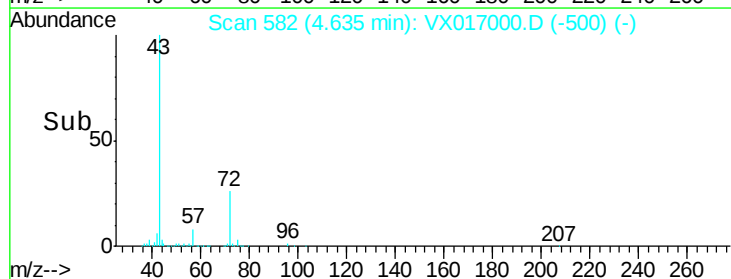
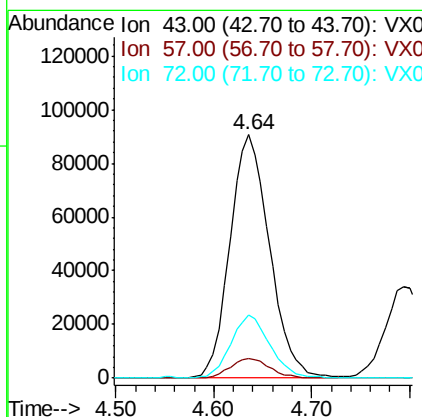
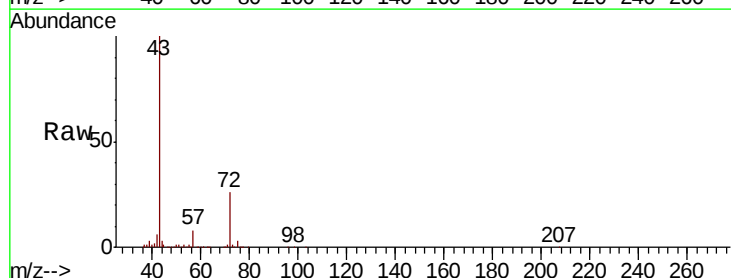
Instrument :
 MSVOA_X
 ClientSampleId :

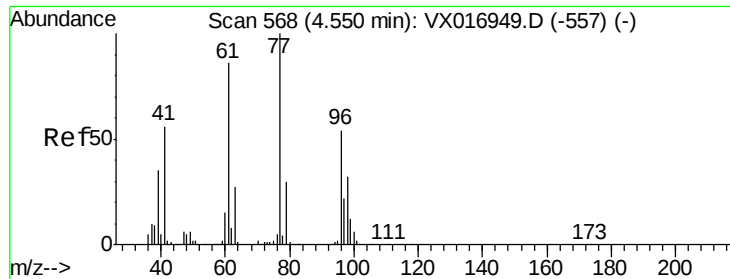
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	71.6
77	29.8	0.0	64.0



#30
 2-Butanone
 Concen: 96.919 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.4
72	25.8	20.6	31.0





#31

2,2-Dichloropropane

Concen: 15.316 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

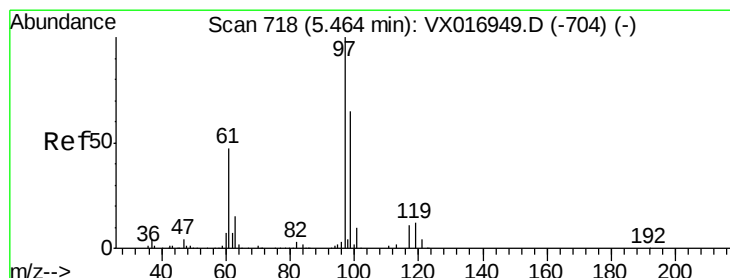
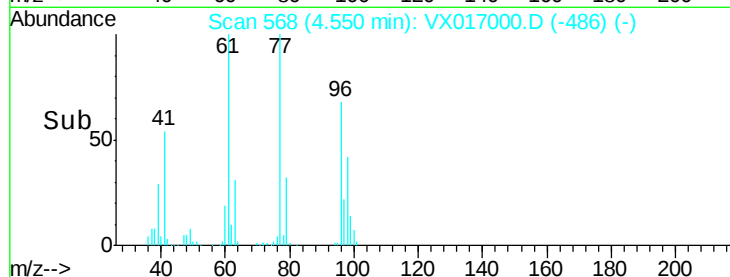
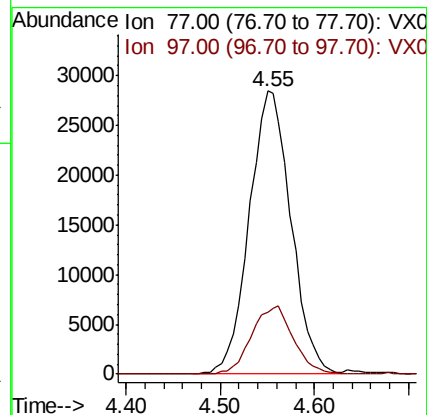
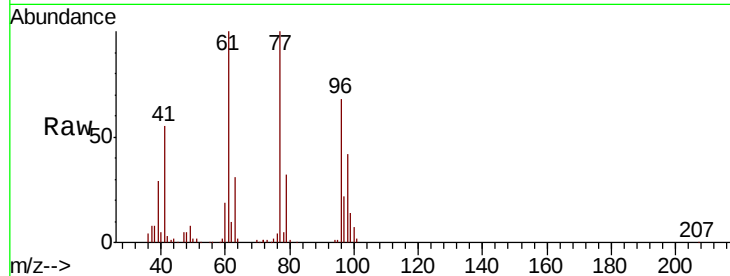
ClientSampleId :

Tot Ion: 77 Resp: 88023

Ion Ratio Lower Upper

77 100

97 24.0 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 18.725 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

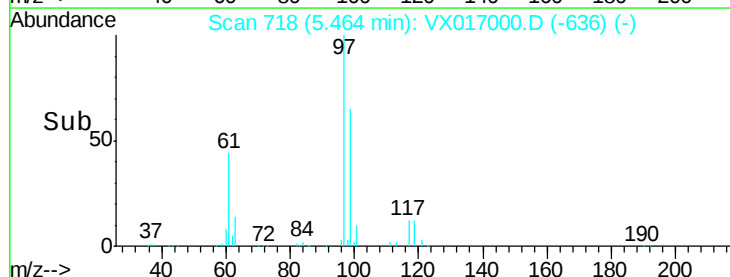
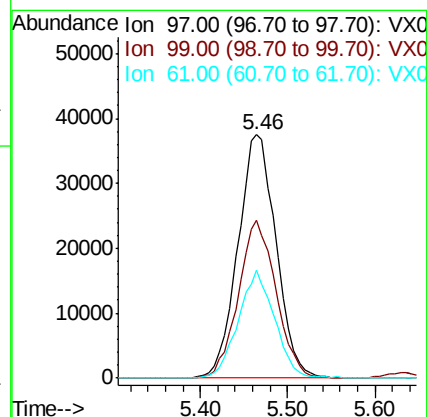
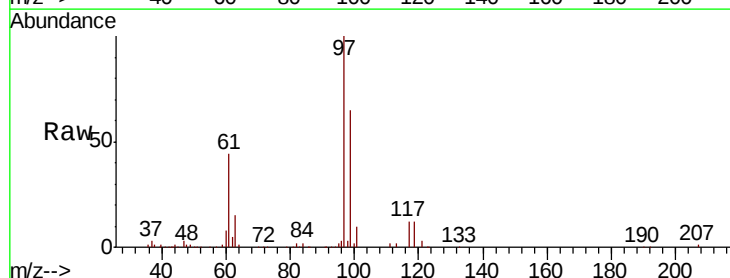
Tgt Ion: 97 Resp: 113544

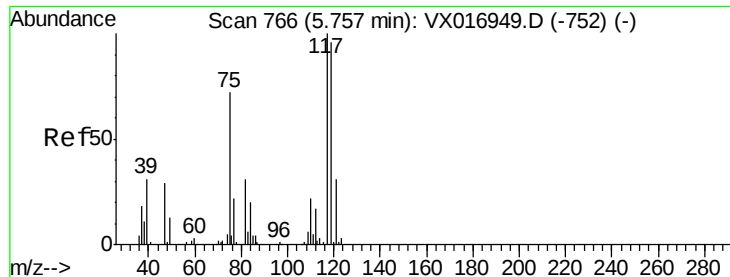
Ion Ratio Lower Upper

97 100

99 63.9 52.2 78.2

61 41.9 36.9 55.3





#33

Carbon Tetrachloride

Concen: 18.191 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

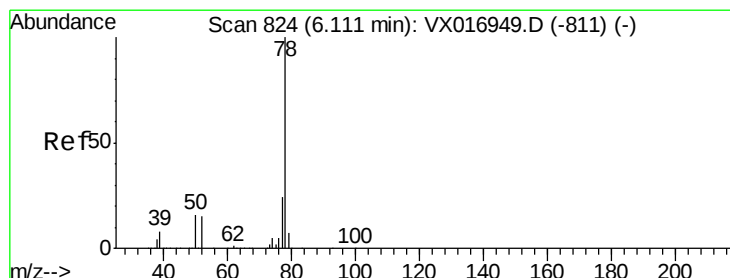
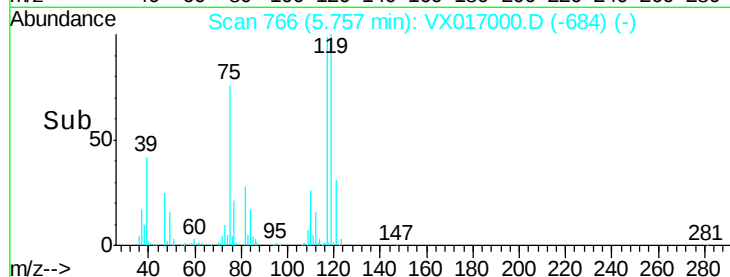
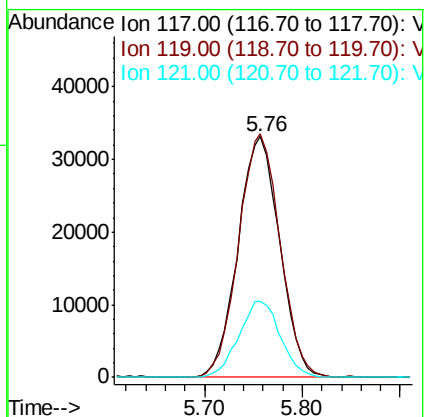
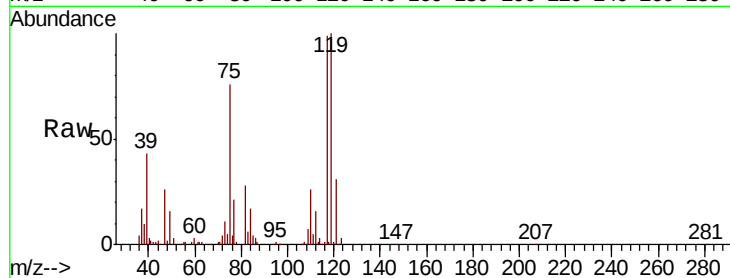
Tot Ion:117 Resp: 97822

Ion Ratio Lower Upper

117 100

119 101.1 77.0 115.4

121 31.3 25.0 37.4



#34

Benzene

Concen: 18.472 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

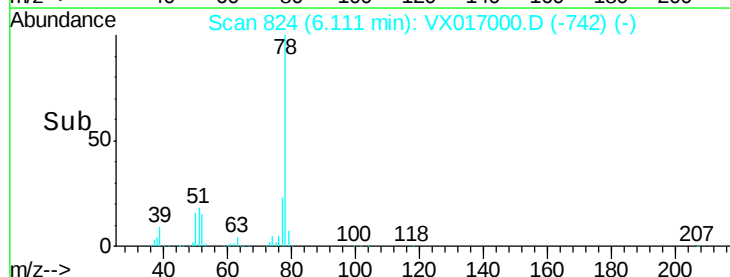
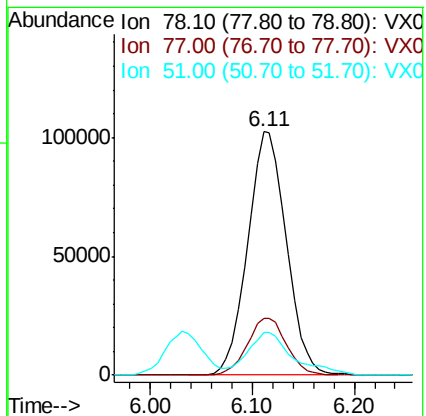
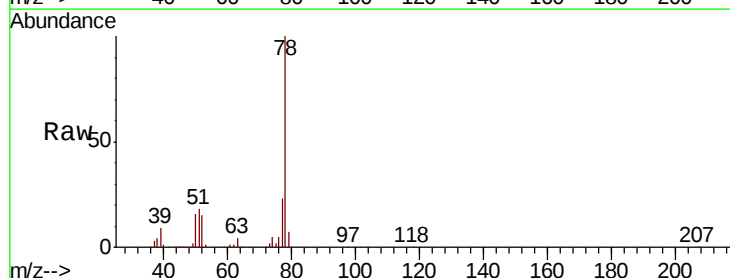
Tgt Ion: 78 Resp: 269533

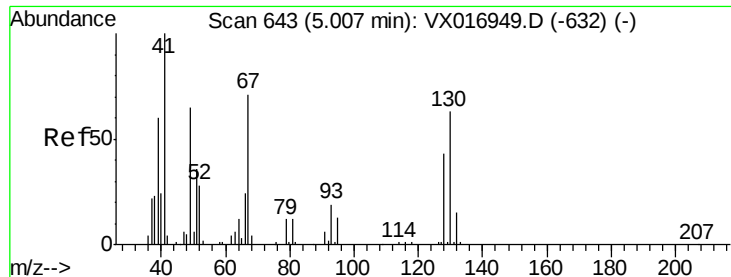
Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

51 15.8 12.8 19.2

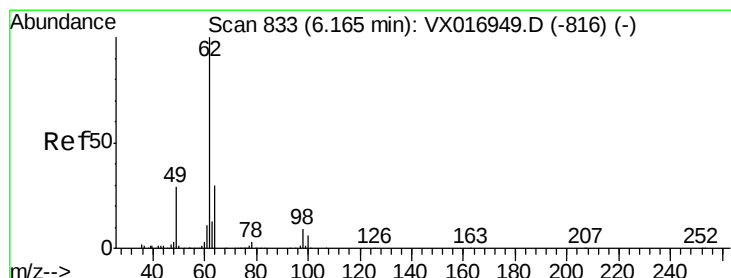
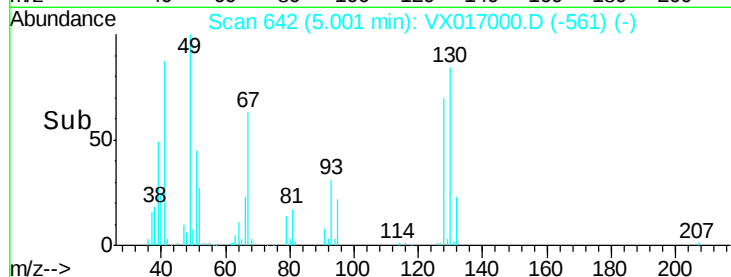
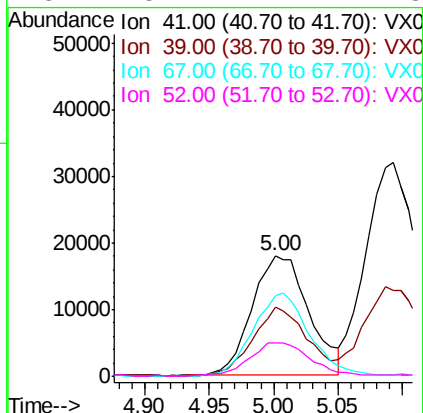
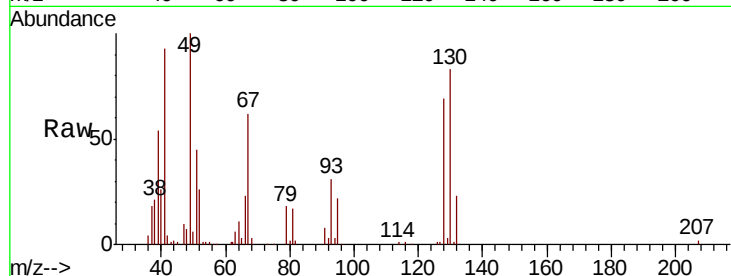




#35
Methacrylonitrile
Concen: 19.076 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

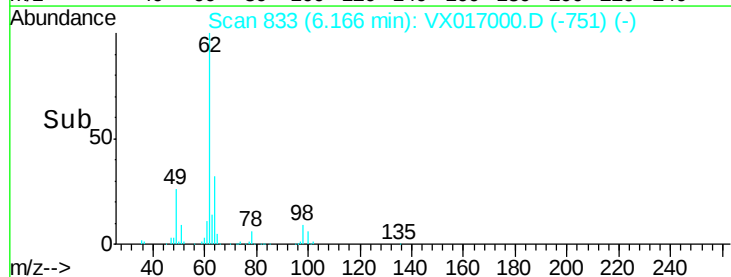
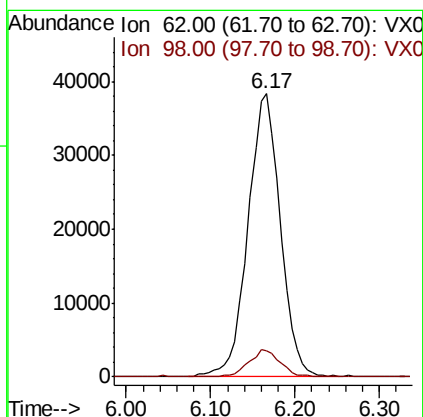
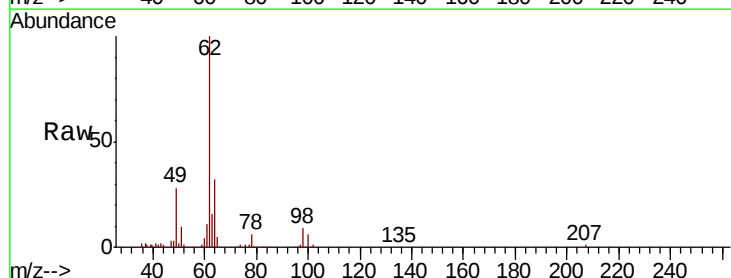
Instrument :
MSVOA_X
ClientSampled :

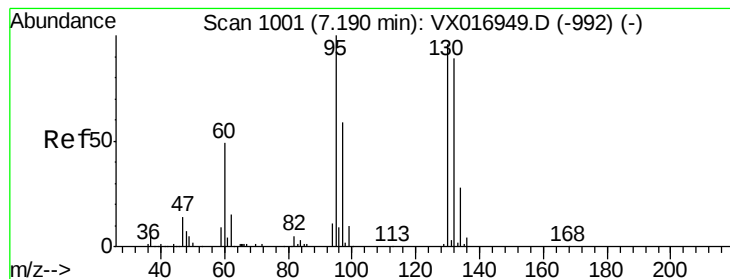
Tot Ion:	41	Resp:	54991
Ion	Ratio	Lower	Upper
41	100		
39	57.2	29.8	89.5
67	67.4	35.3	105.9
52	28.4	14.1	42.3



#36
1,2-Dichloroethane
Concen: 17.877 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion:	62	Resp:	99904
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.6	11.4





#37

Trichloroethene

Concen: 20.952 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

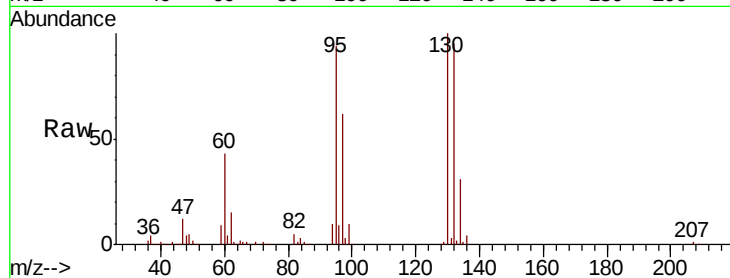
ClientSampleId :

Tot Ion:130 Resp: 83424

Ion Ratio Lower Upper

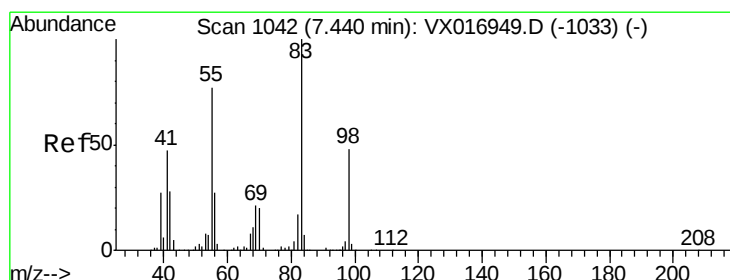
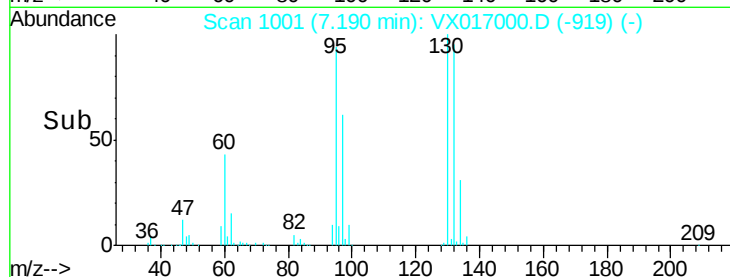
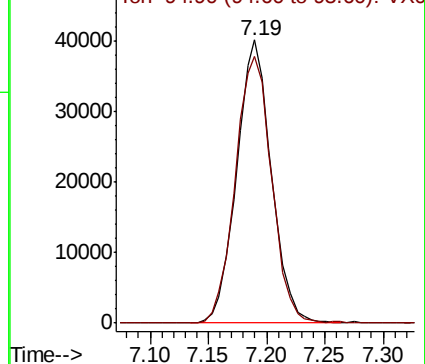
130 100

95 94.3 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.269 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

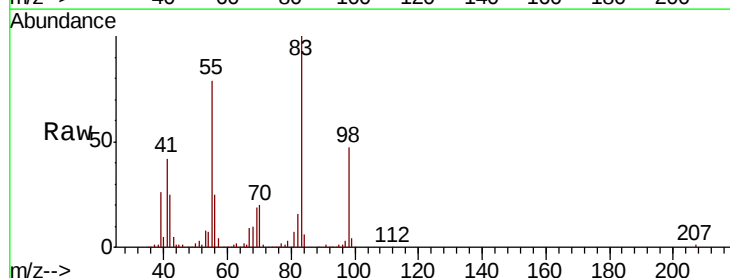
Tgt Ion: 83 Resp: 98555

Ion Ratio Lower Upper

83 100

55 78.4 38.1 114.5

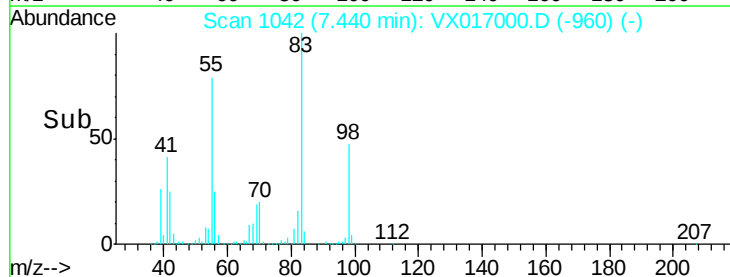
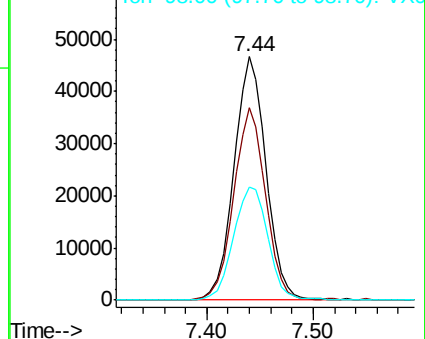
98 49.6 24.6 73.6

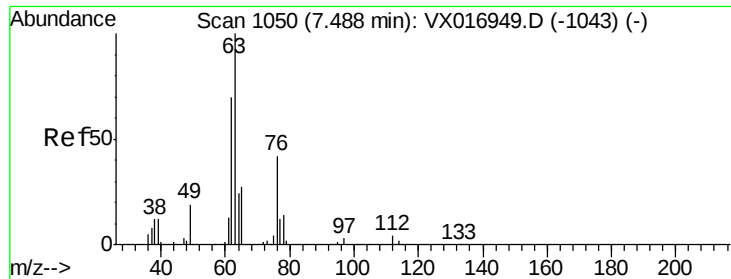


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

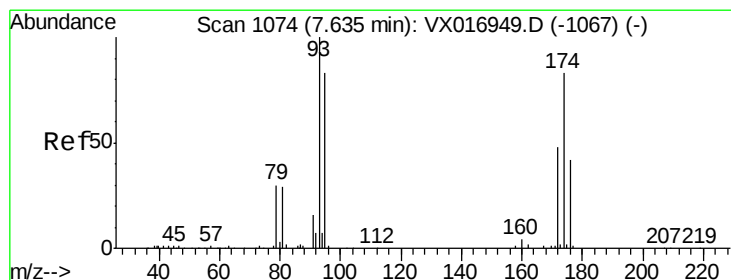
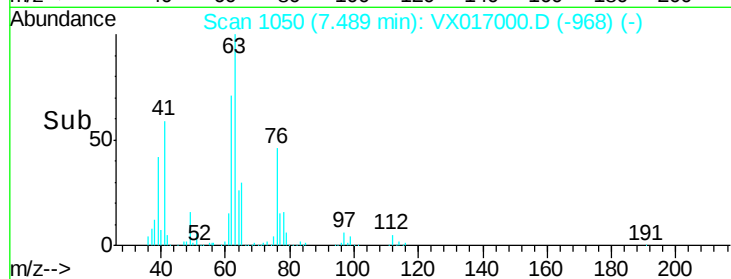
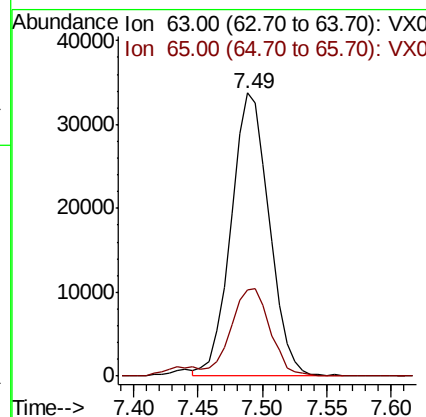
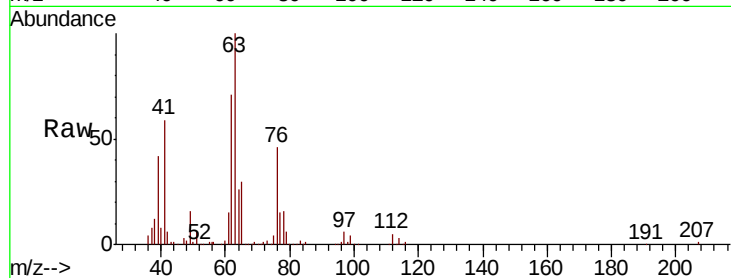




#39
 1,2-Dichloropropane
 Concen: 18.308 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

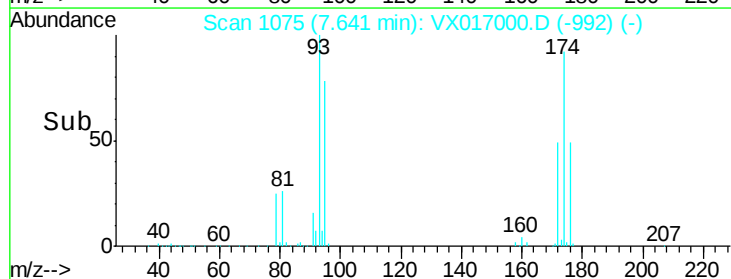
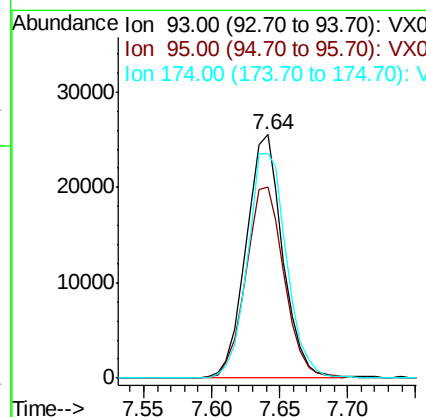
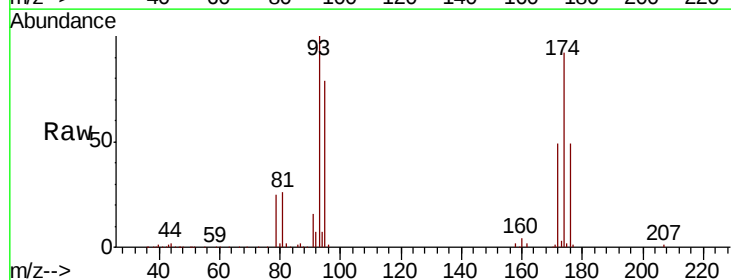
Instrument :
 MSVOA_X
 ClientSampleId :

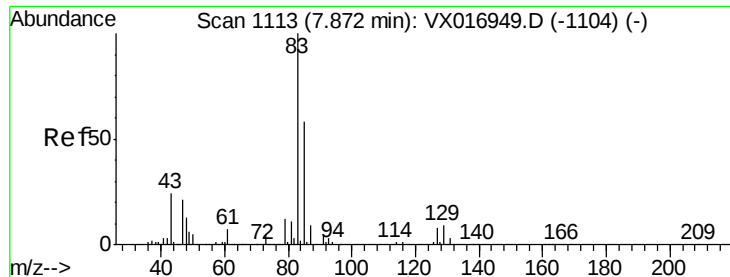
Tot Ion: 63 Resp: 69597
 Ion Ratio Lower Upper
 63 100
 65 30.4 22.8 34.2



#40
 Dibromomethane
 Concen: 18.380 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

Tgt Ion: 93 Resp: 48156
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 165.4
 174 98.1 0.0 192.0





#41

Bromodichloromethane

Concen: 18.113 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

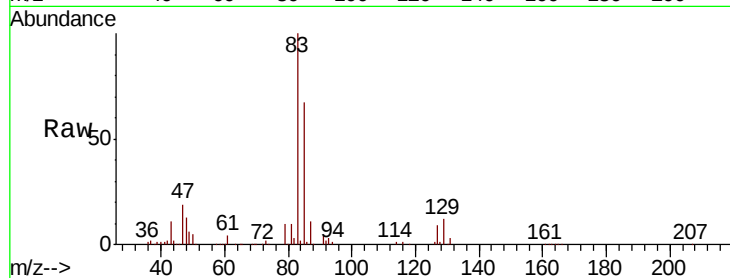
Tot Ion: 83 Resp: 98269

Ion Ratio Lower Upper

83 100

85 66.8 46.7 70.1

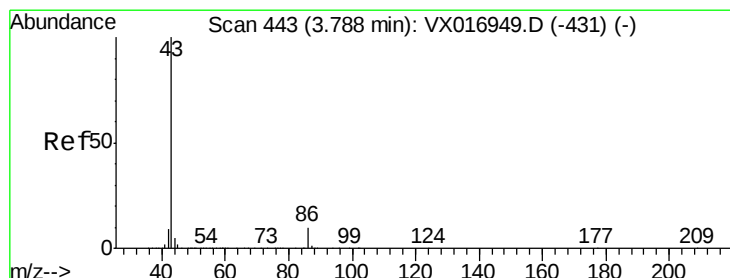
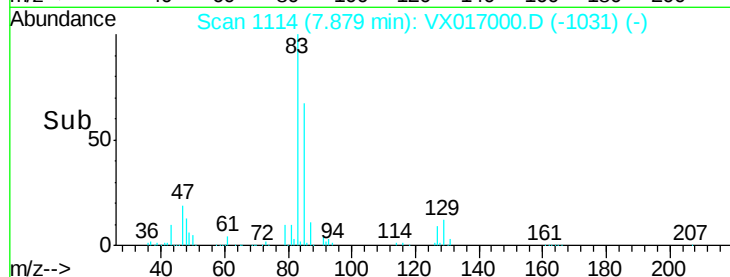
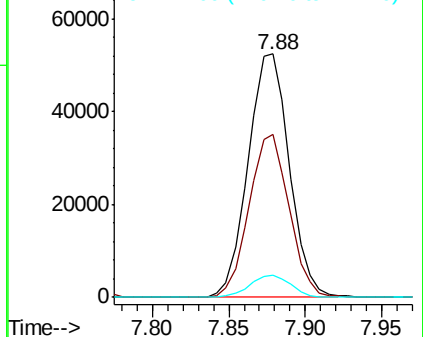
127 9.0 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 91.572 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017000.D

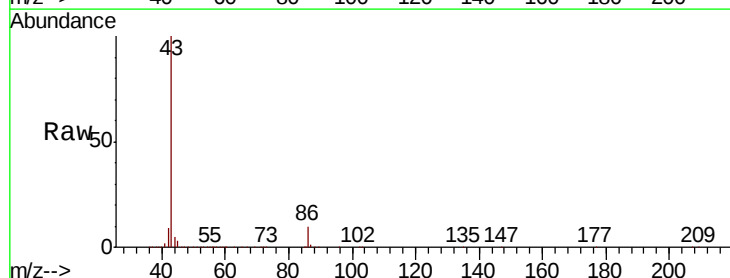
Acq: 26 Jun 2020 23:40

Tgt Ion: 43 Resp: 963912

Ion Ratio Lower Upper

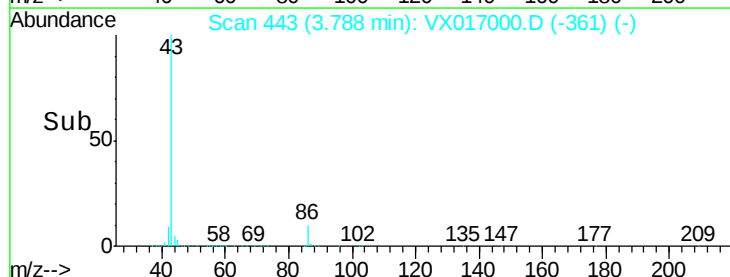
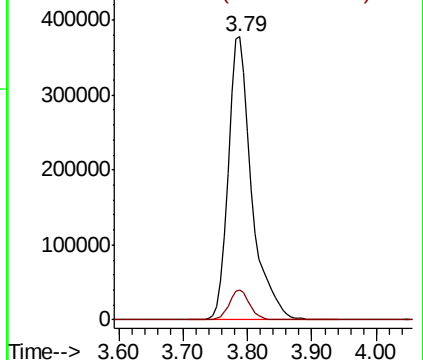
43 100

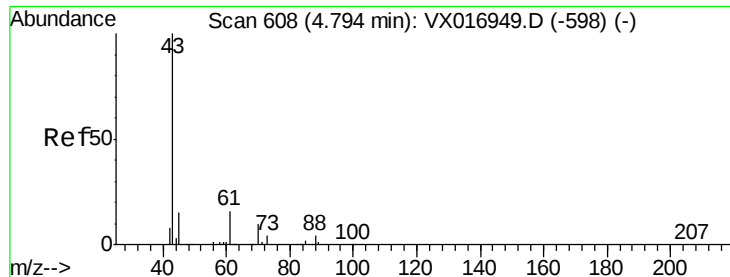
86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

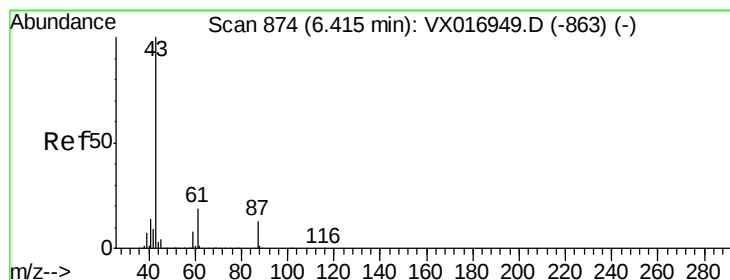
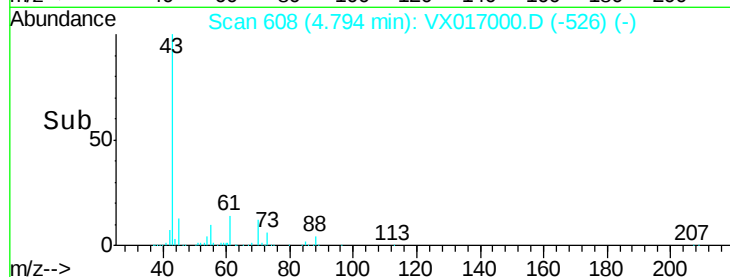
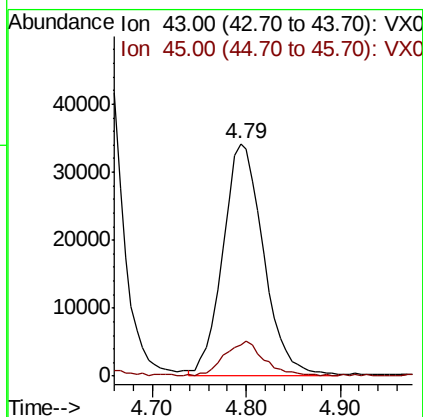
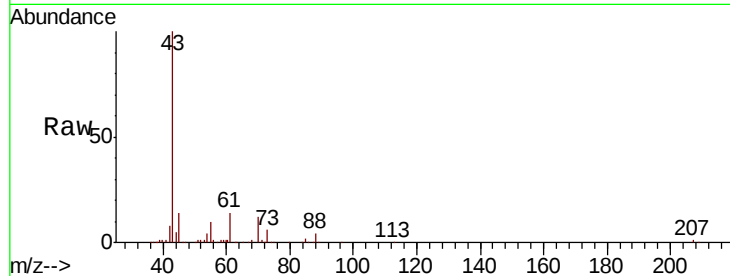




#43
Ethyl Acetate
Concen: 18.959 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

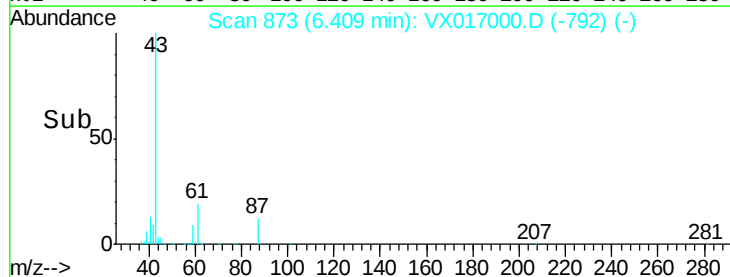
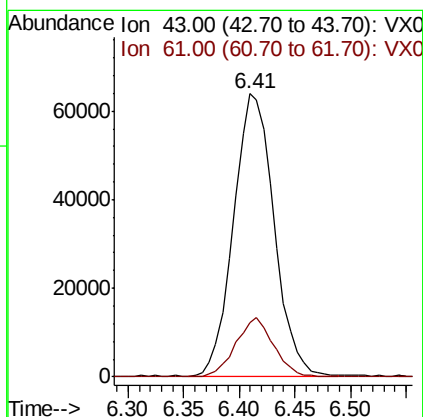
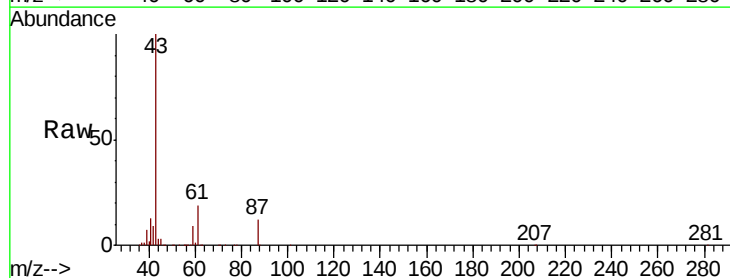
Instrument :
MSVOA_X
ClientSampleId :

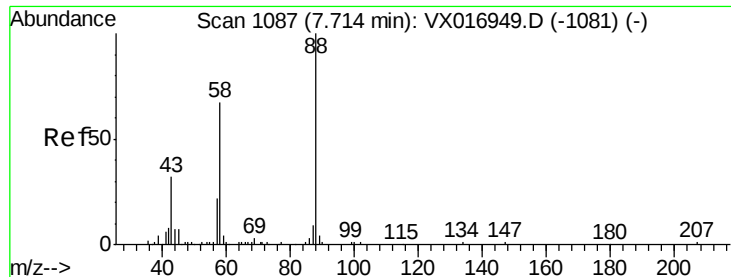
Tot Ion: 43 Resp: 102583
Ion Ratio Lower Upper
43 100
45 13.9 11.8 17.6



#44
Isopropyl Acetate
Concen: 18.080 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 43 Resp: 161247
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.2

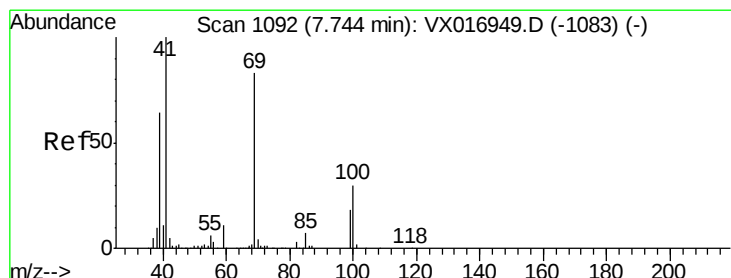
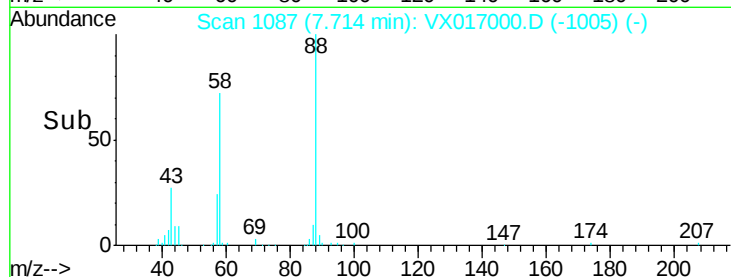
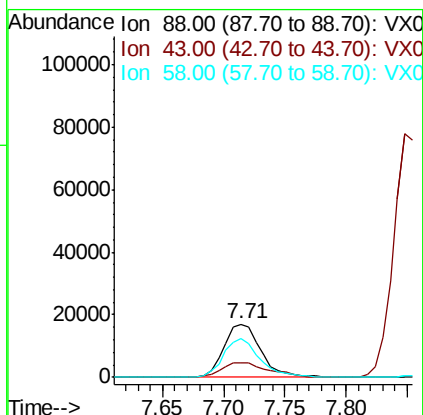
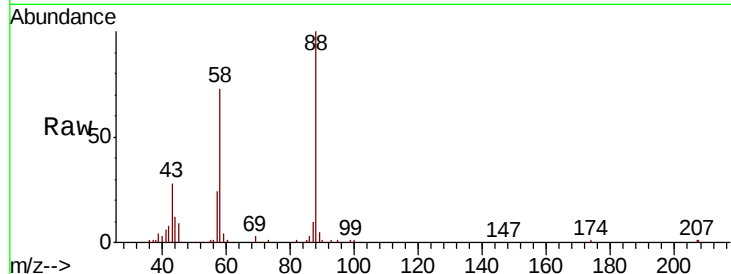




#45
1,4-Dioxane
Concen: 394.507 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

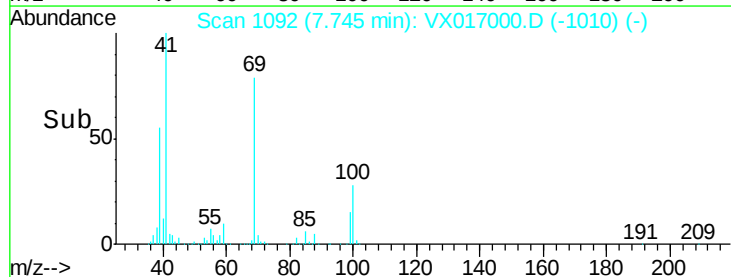
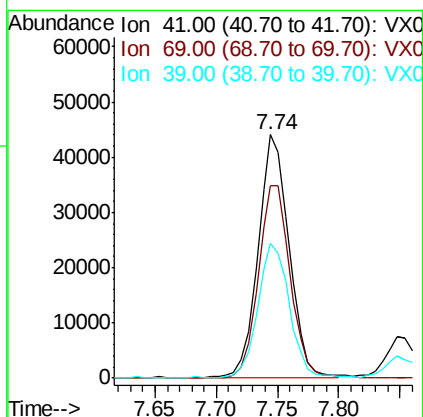
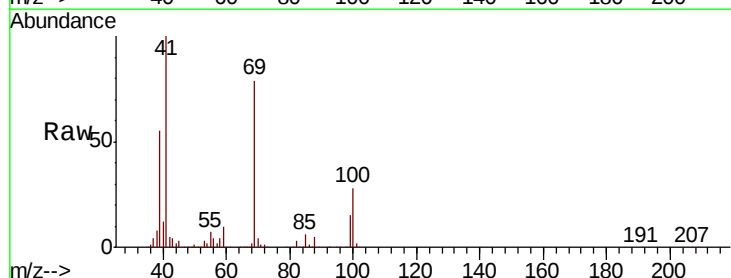
Instrument :
MSVOA_X
ClientSampled :

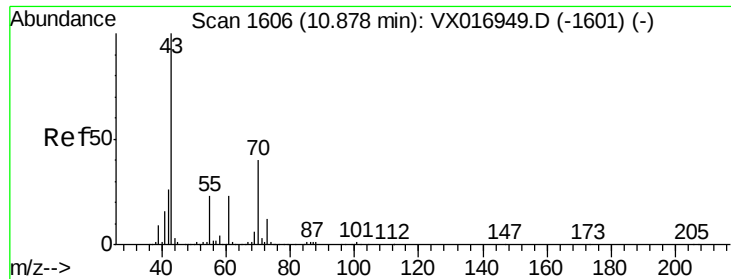
Tot Ion	88	Resp	35495
Ion	Ratio	Lower	Upper
88	100		
43	33.7	28.9	43.3
58	72.7	56.7	85.1



#46
Methyl methacrylate
Concen: 18.746 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion	41	Resp	77368
Ion	Ratio	Lower	Upper
41	100		
69	79.1	41.3	123.9
39	55.0	32.0	96.2





#47

n-amvl Acetate

Concen: 17.434 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

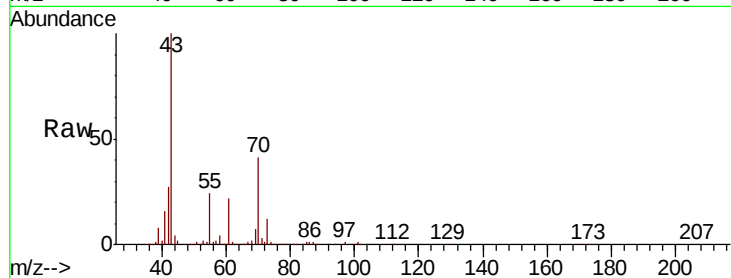
ClientSampled :

Tot Ion: 43 Resp: 137435

Ion Ratio Lower Upper

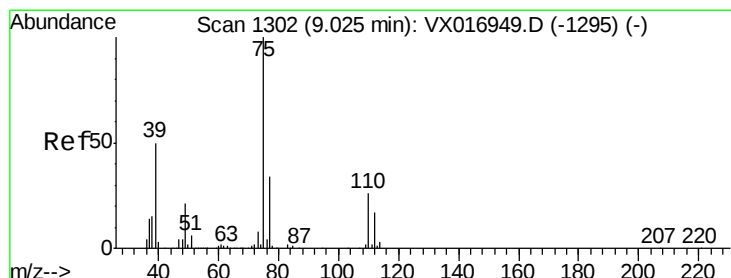
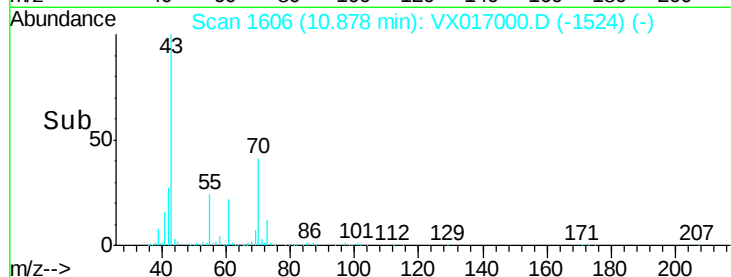
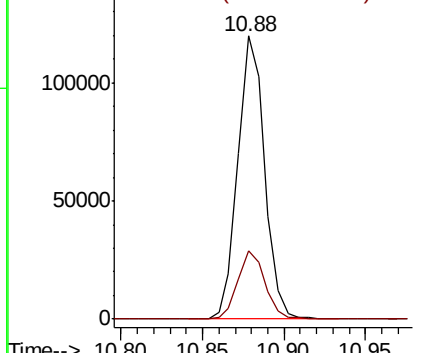
43 100

55 24.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.312 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017000.D

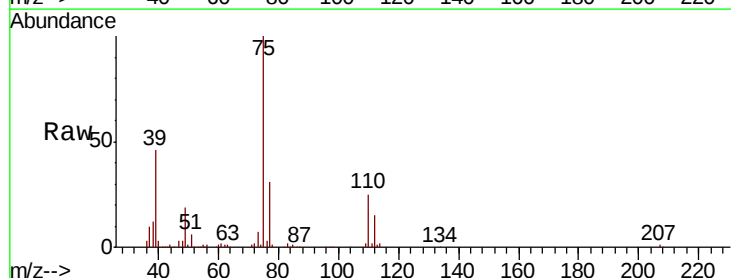
Acq: 26 Jun 2020 23:40

Tgt Ion: 75 Resp: 103851

Ion Ratio Lower Upper

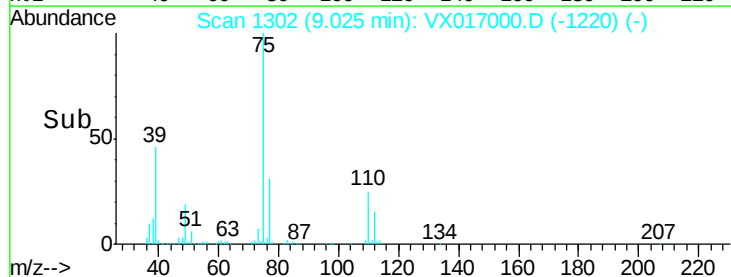
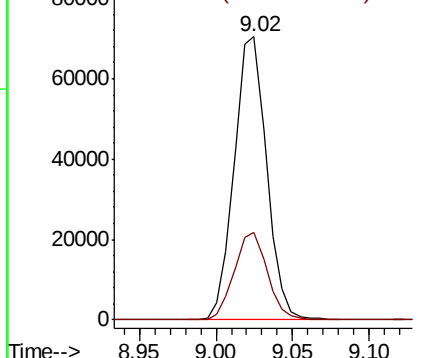
75 100

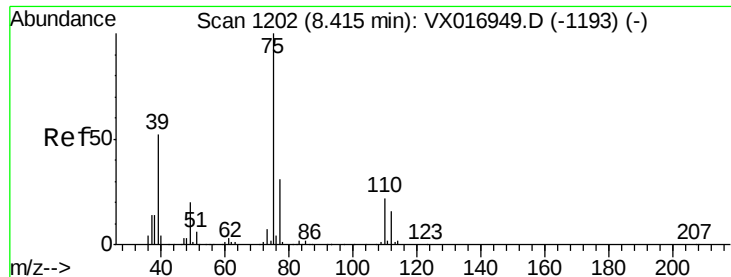
77 31.1 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



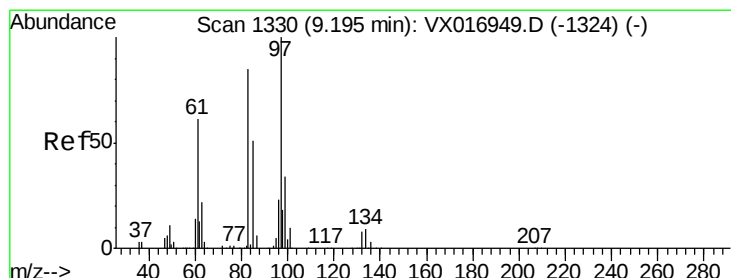
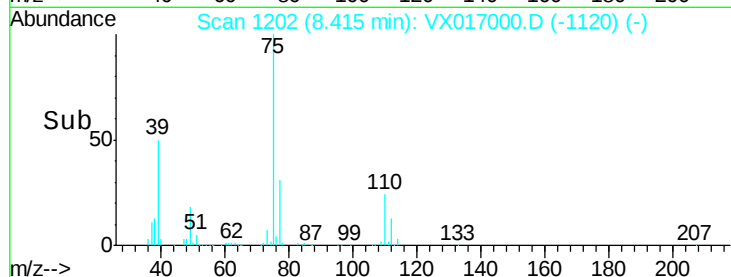
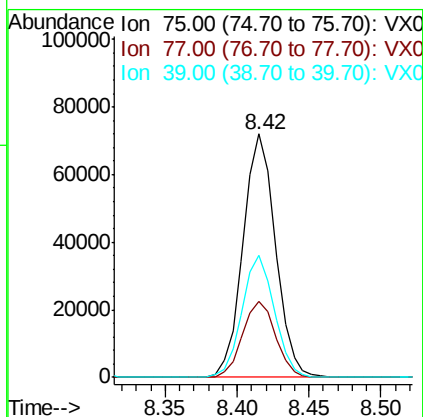
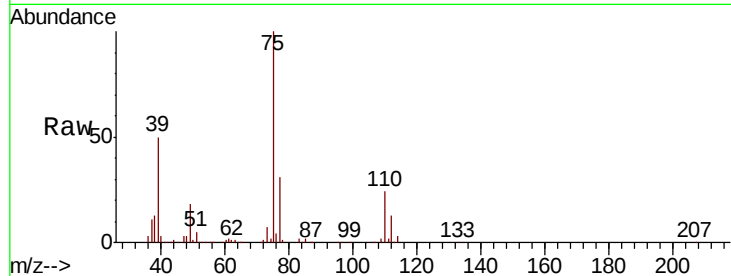


#49

cis-1,3-Dichloropropene
 Concen: 17.836 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

Instrument :
 MSVOA_X
 ClientSampled :

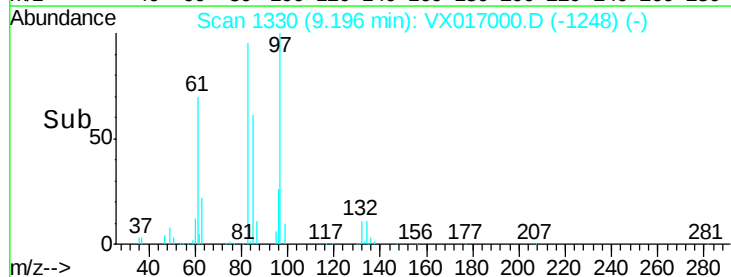
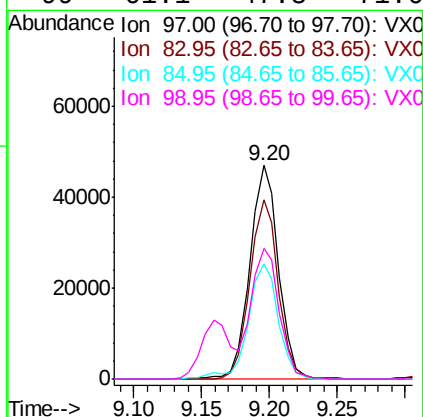
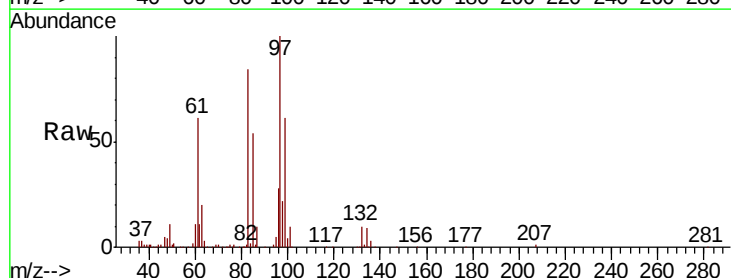
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2
39	50.1	41.8	62.6

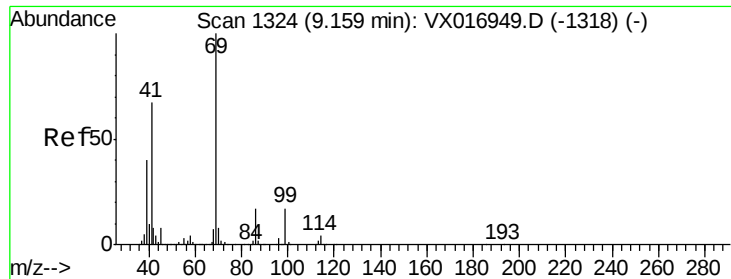


#50

1,1,2-Trichloroethane
 Concen: 18.999 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.4	101.0
85	53.7	42.9	64.3
99	61.1	47.8	71.6

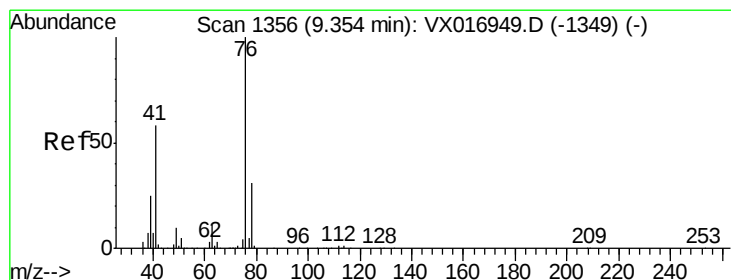
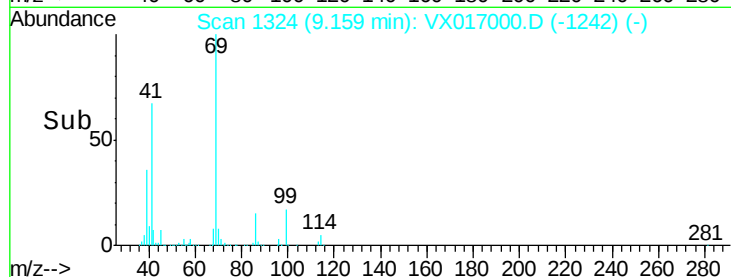
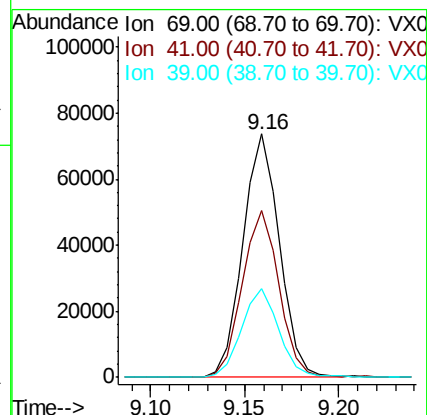
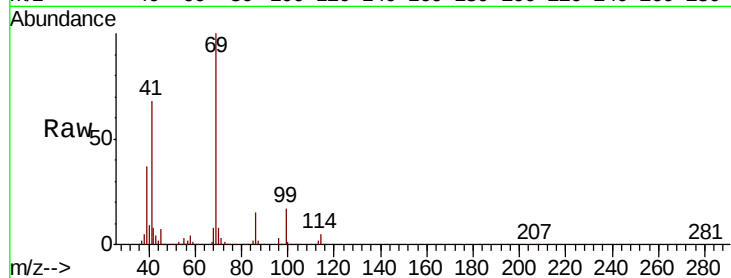




#51
Ethyl methacrylate
Concen: 17.651 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

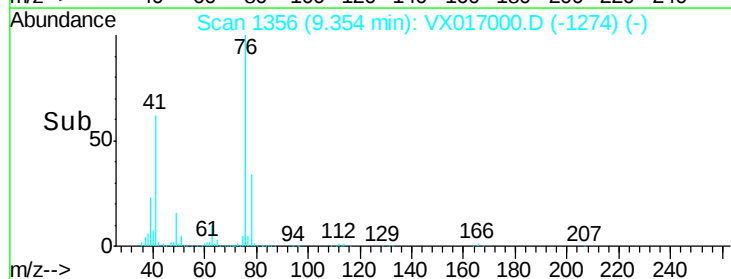
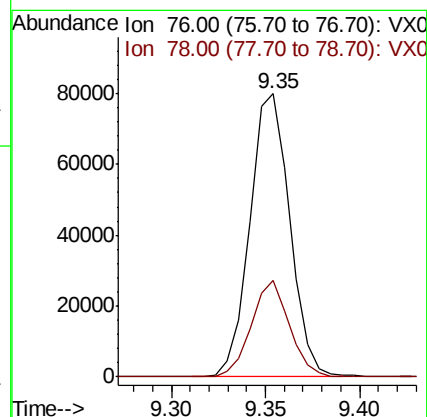
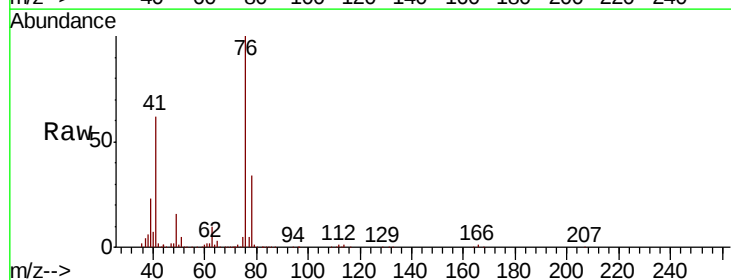
Instrument :
MSVOA_X
ClientSampleId :

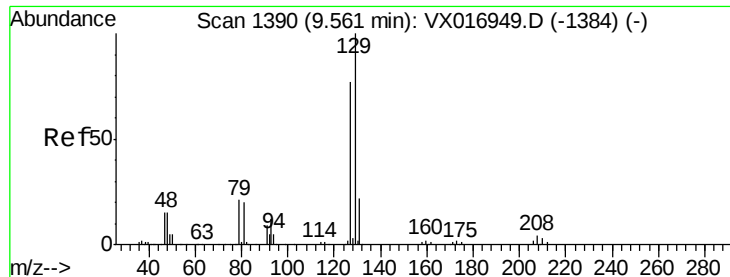
Tot Ion: 69 Resp: 99049
Ion Ratio Lower Upper
69 100
41 68.0 33.7 101.1
39 36.4 19.9 59.7



#52
1,3-Dichloropropane
Concen: 18.659 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 76 Resp: 117136
Ion Ratio Lower Upper
76 100
78 32.8 0.0 62.4





#53

Dibromochloromethane

Concen: 18.546 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

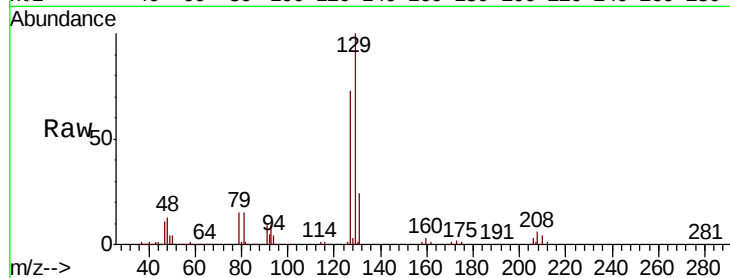
ClientSampleId :

Tot Ion:129 Resp: 77943

Ion Ratio Lower Upper

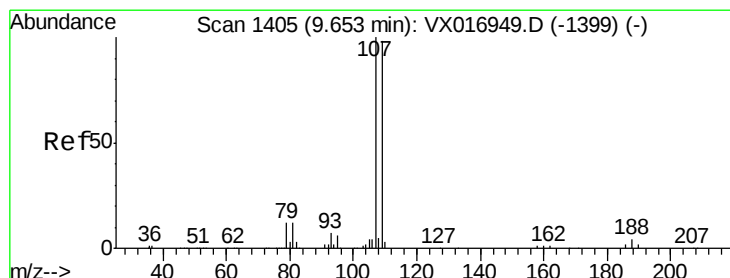
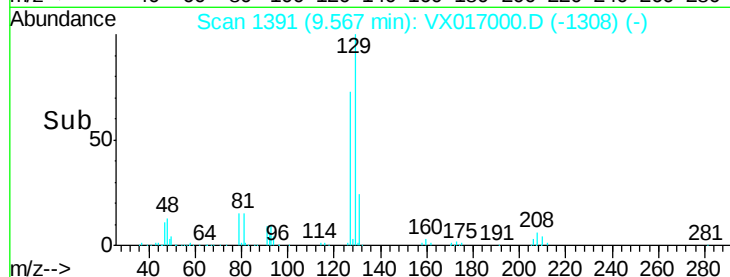
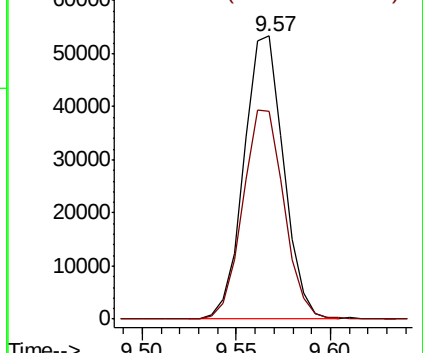
129 100

127 76.4 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.070 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017000.D

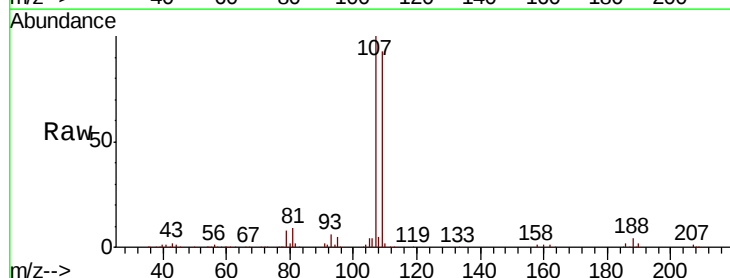
Acq: 26 Jun 2020 23:40

Tgt Ion:107 Resp: 73993

Ion Ratio Lower Upper

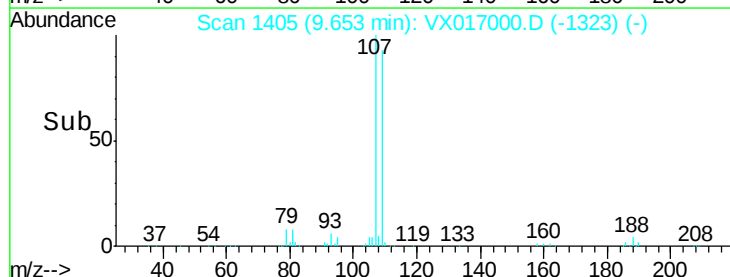
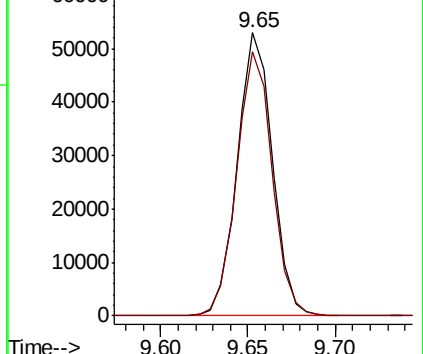
107 100

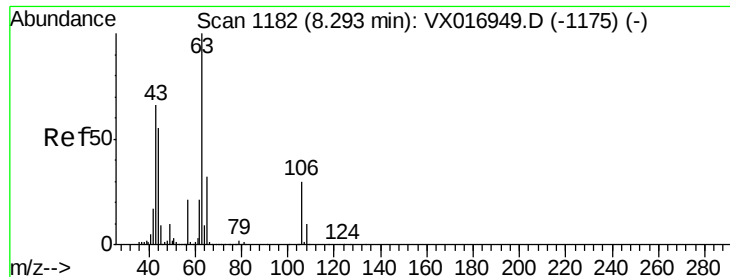
109 94.2 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

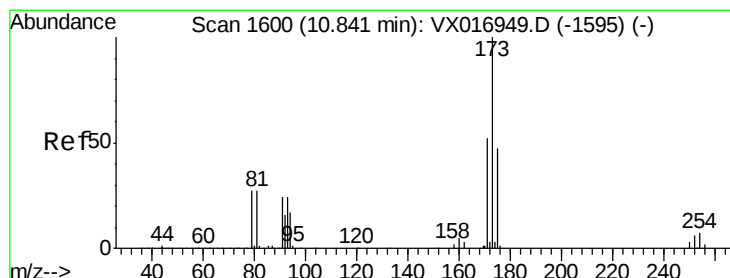
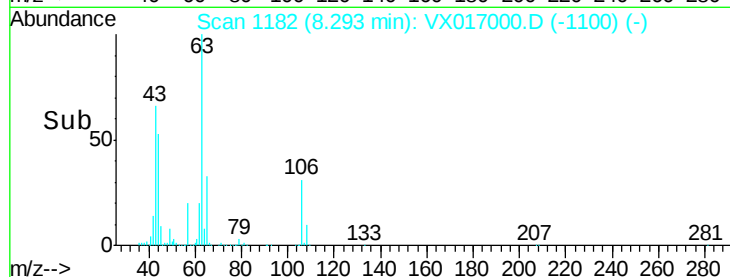
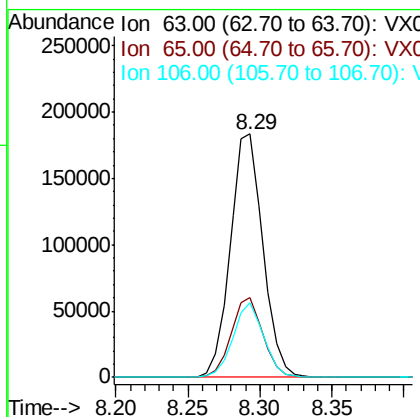
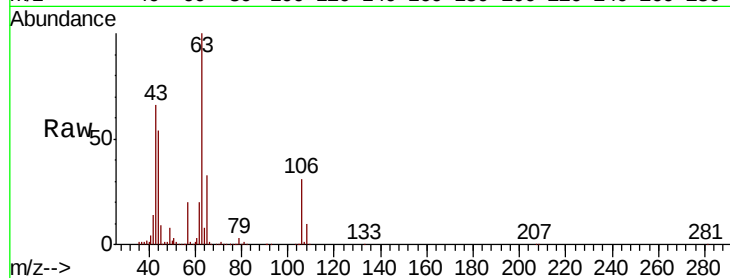




#55
2-Chloroethyl vinyl ether
Concen: 98.212 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

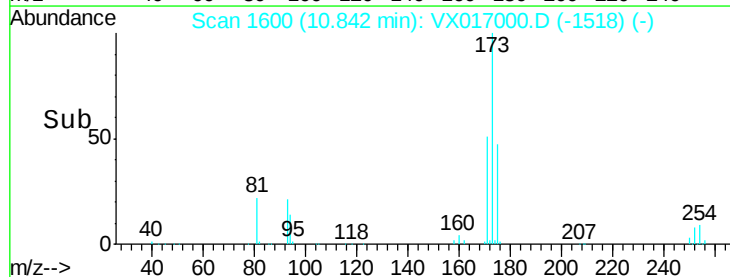
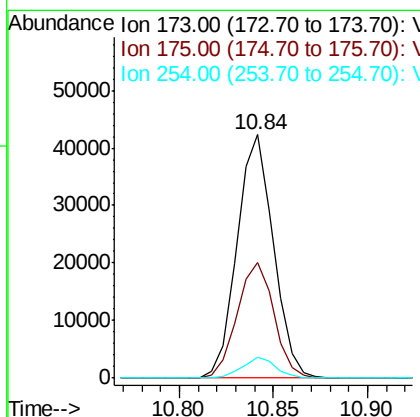
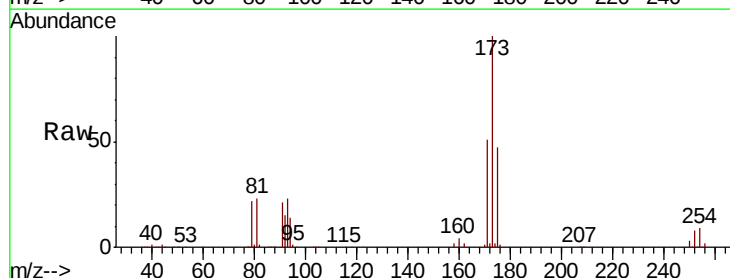
Instrument :
MSVOA_X
ClientSampleId :

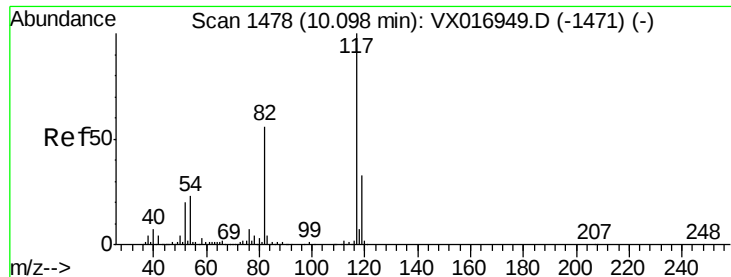
Tot Ion: 63 Resp: 290022
Ion Ratio Lower Upper
63 100
65 32.0 25.9 38.9
106 28.9 22.6 33.8



#56
Bromoform
Concen: 18.921 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 173 Resp: 56449
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 8.0 5.8 8.6

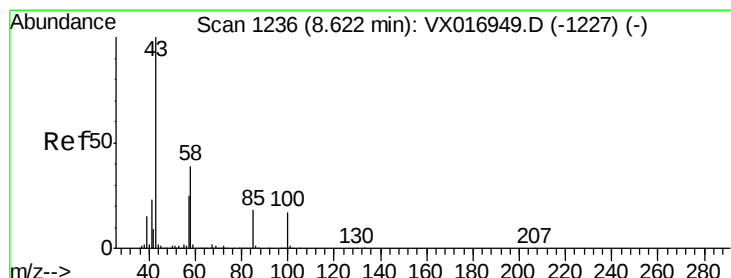
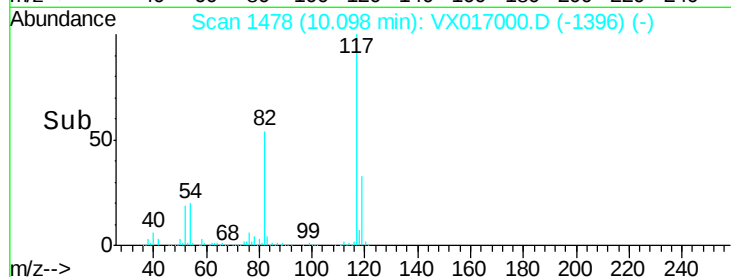
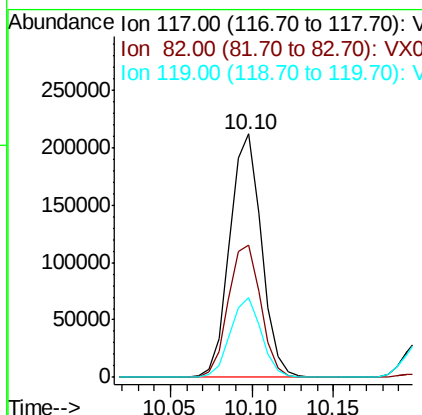
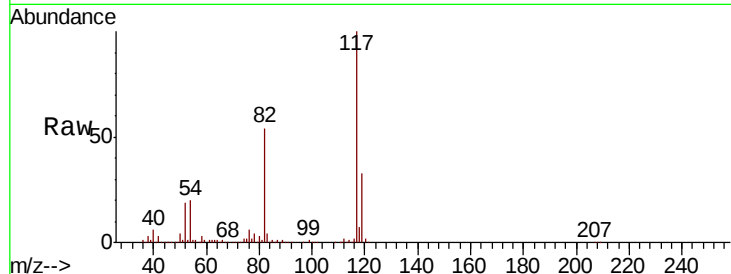




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

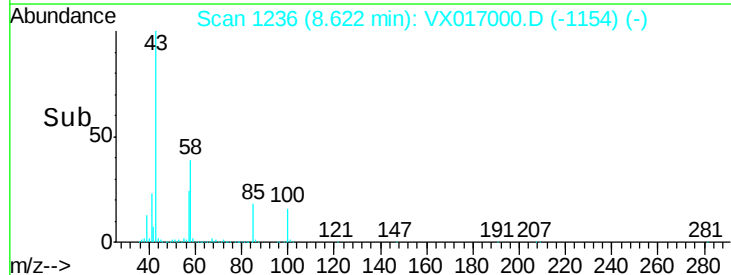
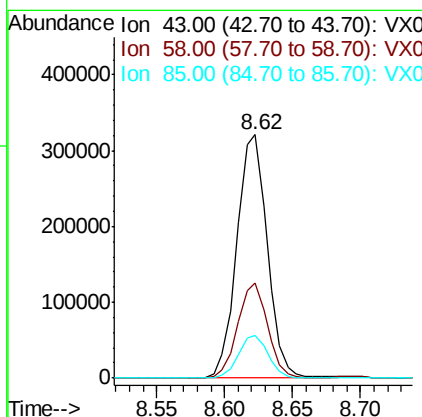
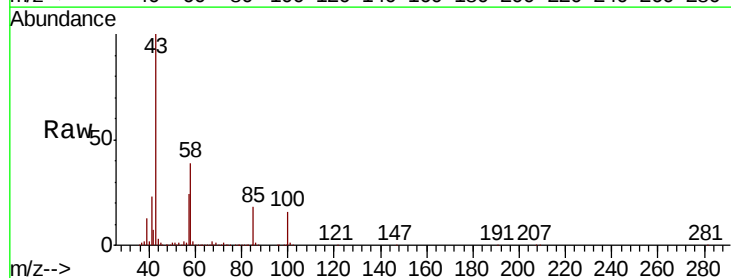
Instrument :
MSVOA_X
ClientSampled :

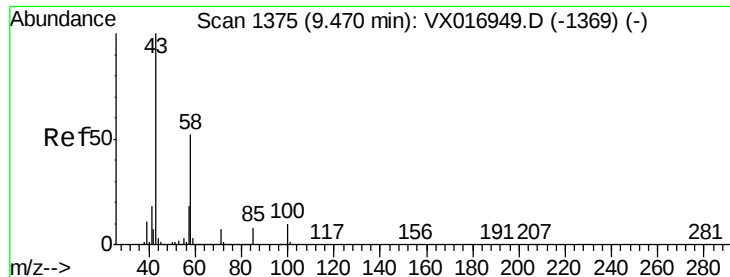
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	32.3	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 95.116 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.4	45.6
85	17.2	13.5	20.3

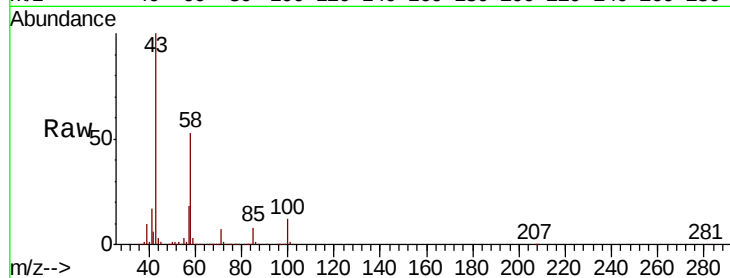




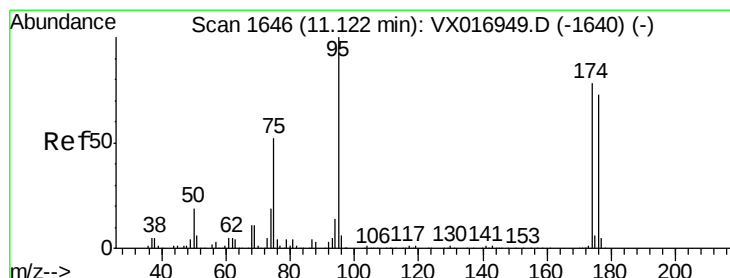
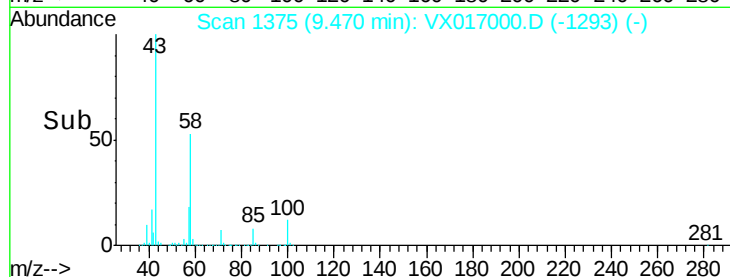
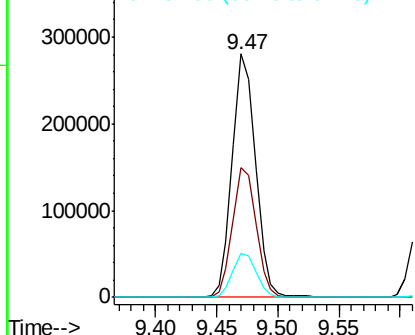
#59
2-Hexanone
Concen: 94.434 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 371948
Ion Ratio Lower Upper
43 100
58 54.2 42.3 63.5
57 18.7 14.1 21.1

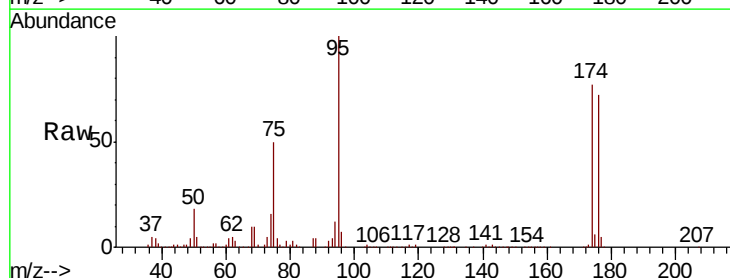


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

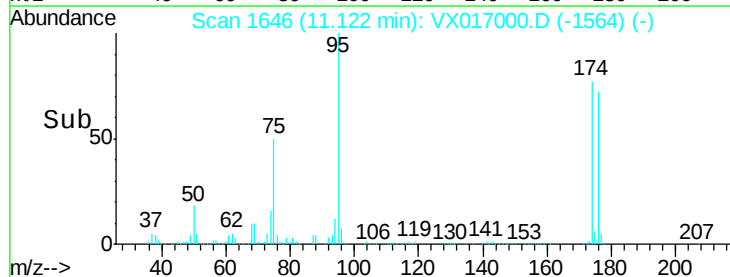
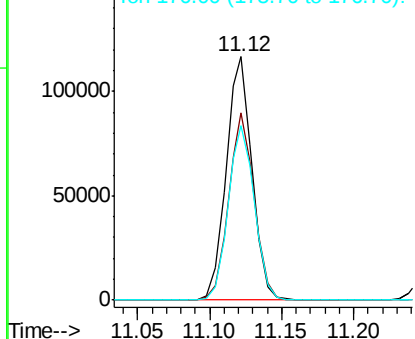


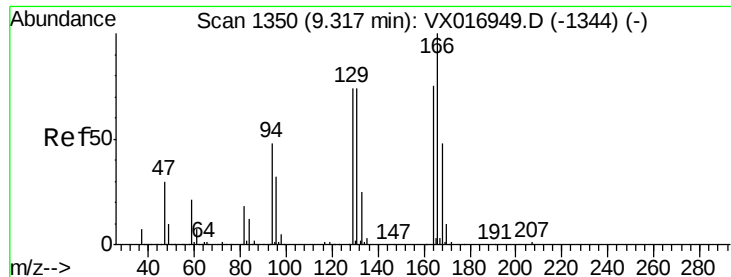
#60
4-Bromofluorobenzene
Concen: 30.761 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 95 Resp: 146979
Ion Ratio Lower Upper
95 100
174 75.6 62.2 93.4
176 72.9 58.9 88.3



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 18.545 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 67761

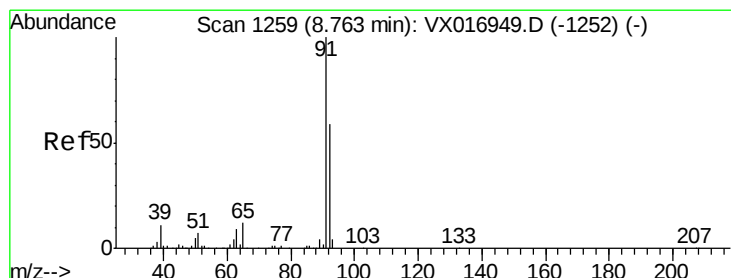
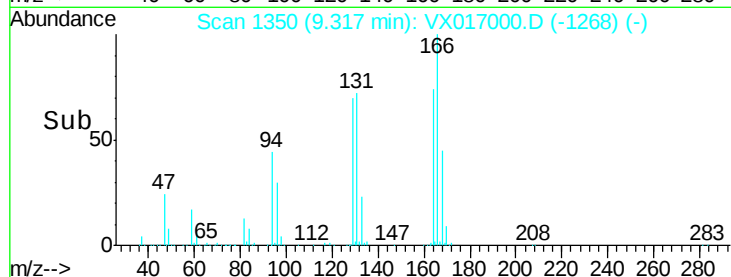
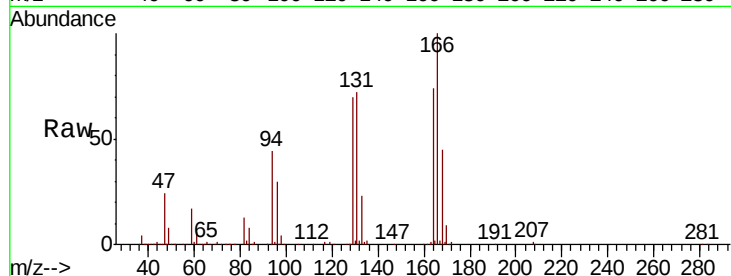
Ion Ratio Lower Upper

164 100

166 134.7 106.3 159.5

129 94.4 78.9 118.3

131 96.4 78.2 117.4



#62

Toluene

Concen: 18.512 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017000.D

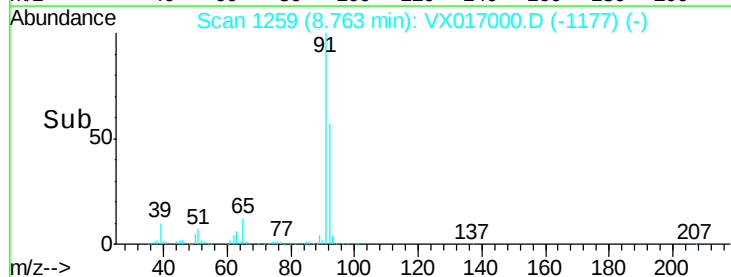
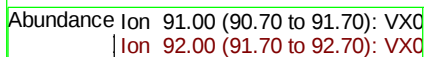
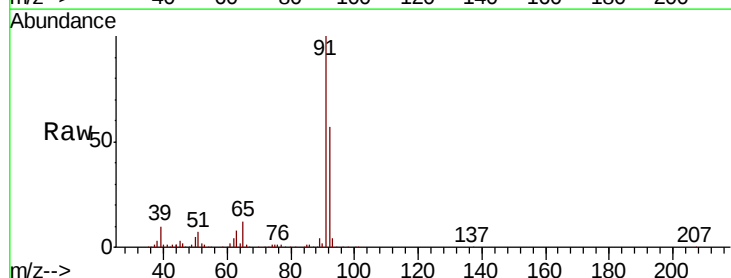
Acq: 26 Jun 2020 23:40

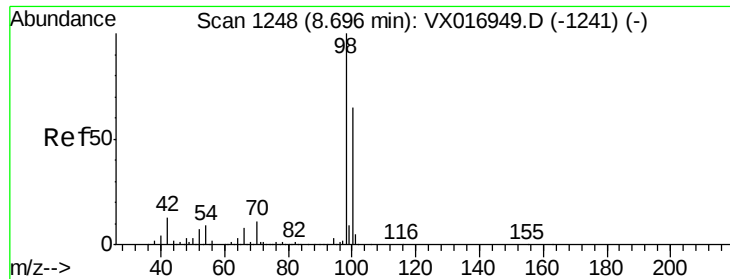
Tgt Ion: 91 Resp: 290093

Ion Ratio Lower Upper

91 100

92 58.1 46.8 70.2





#63

Toluene-d8

Concen: 29.819 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

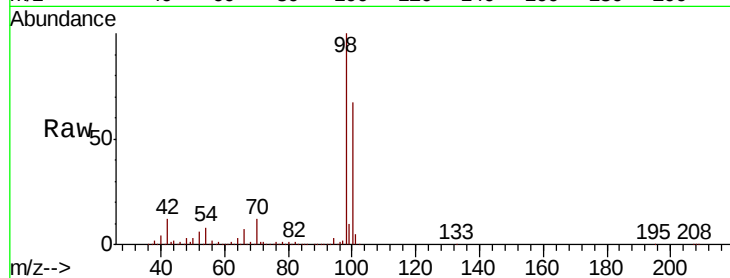
ClientSampleId :

Tot Ion: 98 Resp: 376593

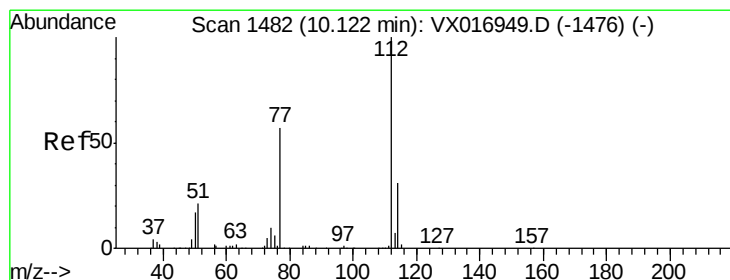
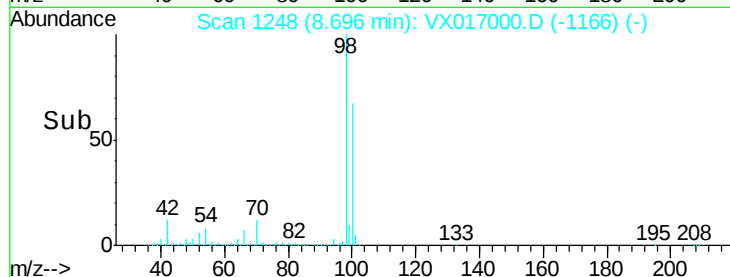
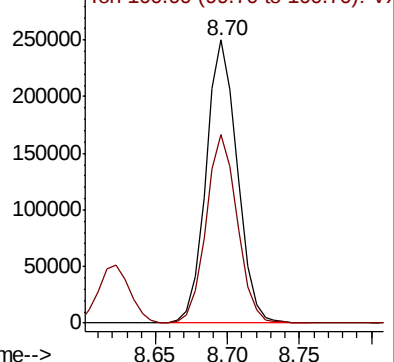
Ion Ratio Lower Upper

98 100

100 66.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX016949.D (-1241) (-)



#64

Chlorobenzene

Concen: 18.463 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017000.D

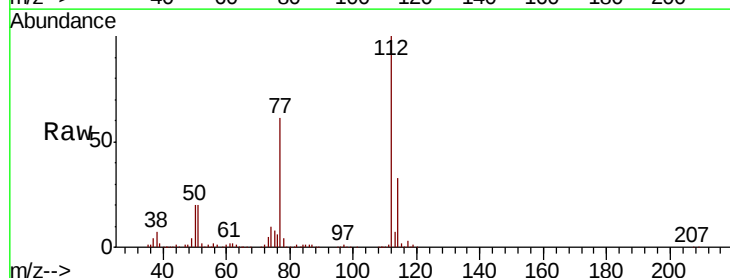
Acq: 26 Jun 2020 23:40

Tgt Ion: 112 Resp: 181261

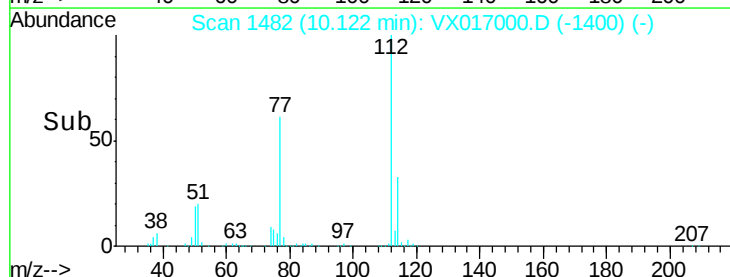
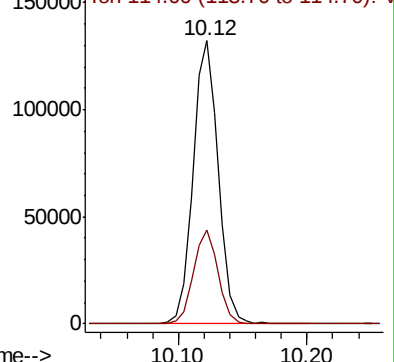
Ion Ratio Lower Upper

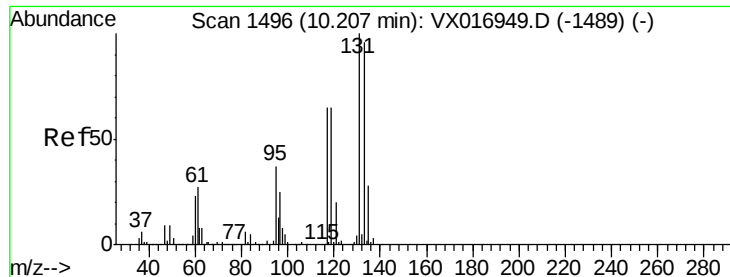
112 100

114 33.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): VX016949.D (-1476) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 18.704 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

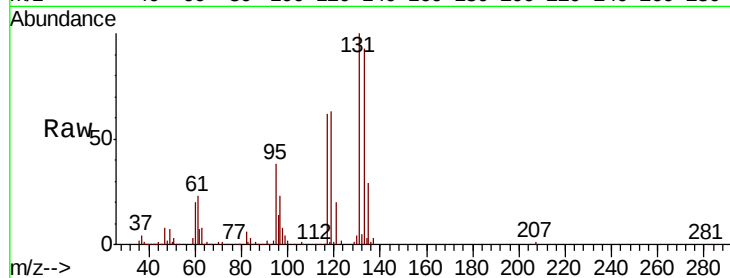
Tot Ion:131 Resp: 69130

Ion Ratio Lower Upper

131 100

133 97.5 0.0 190.2

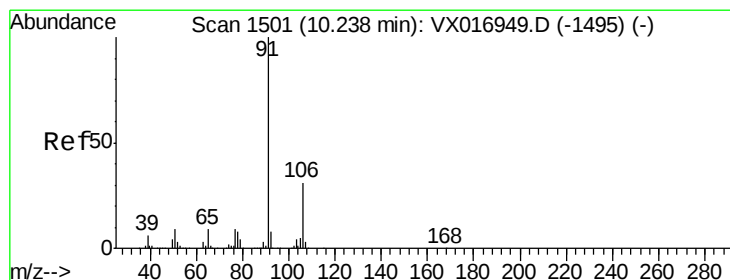
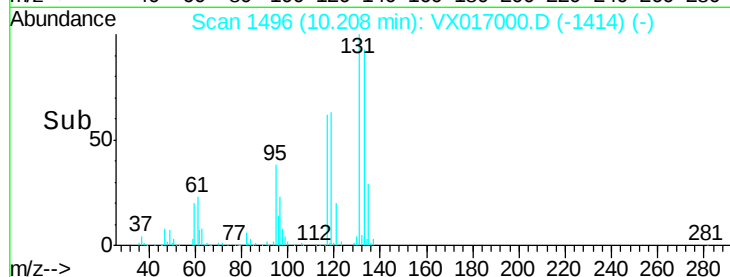
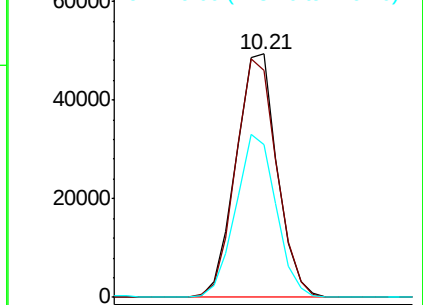
119 64.9 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.128 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017000.D

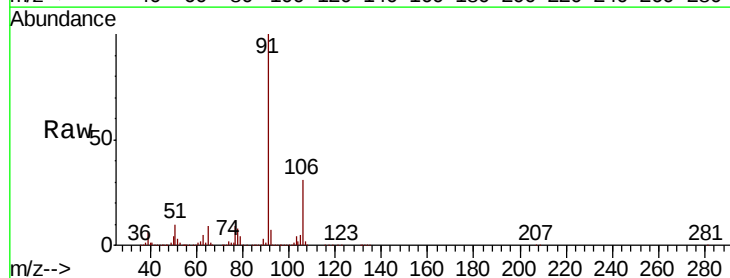
Acq: 26 Jun 2020 23:40

Tgt Ion: 91 Resp: 315019

Ion Ratio Lower Upper

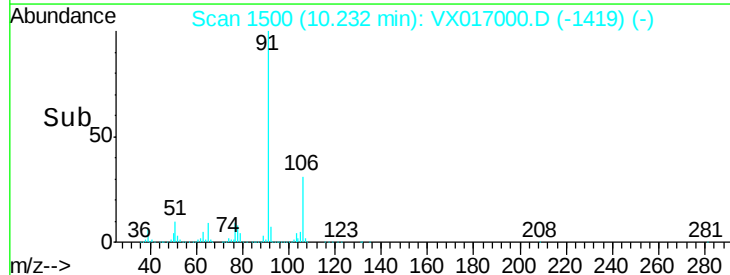
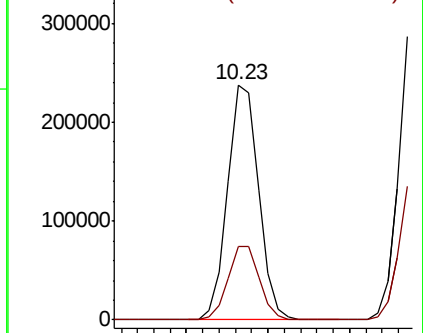
91 100

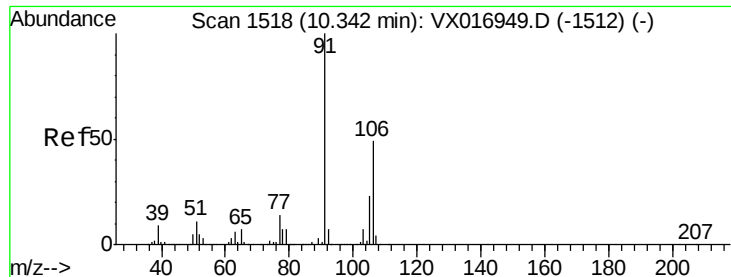
106 31.2 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.055 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

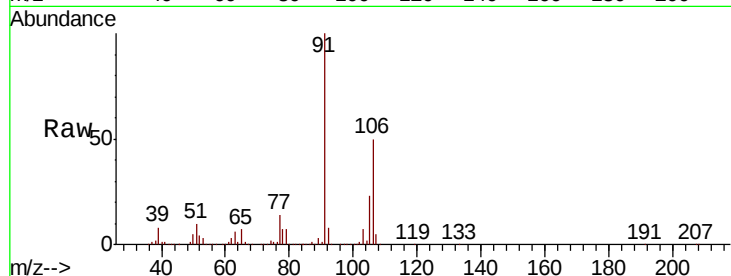
ClientSampled :

Tot Ion:106 Resp: 242913

Ion Ratio Lower Upper

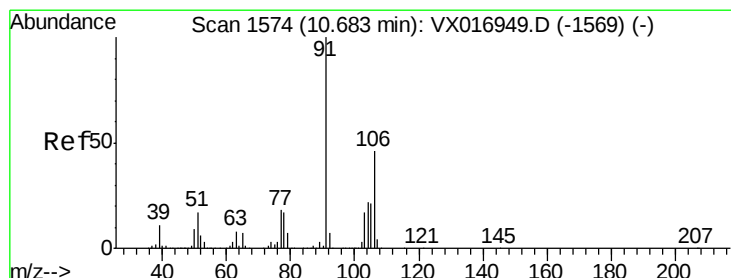
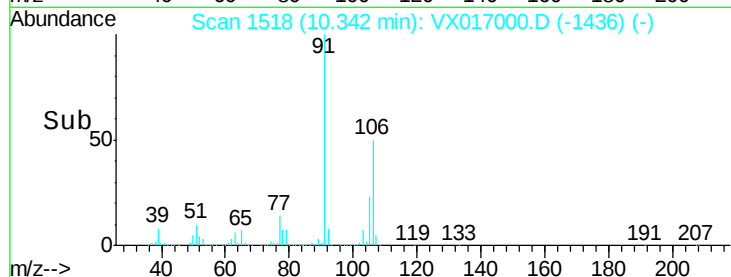
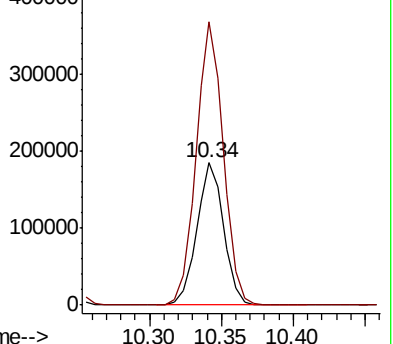
106 100

91 200.4 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.938 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017000.D

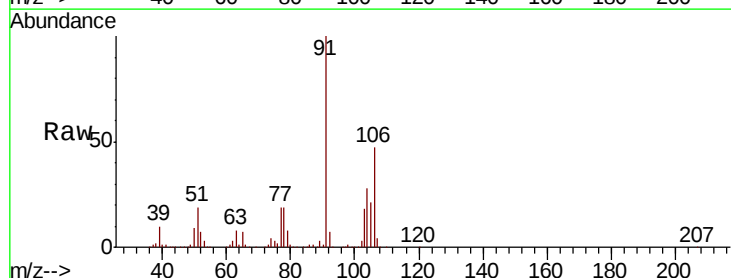
Acq: 26 Jun 2020 23:40

Tgt Ion:106 Resp: 112960

Ion Ratio Lower Upper

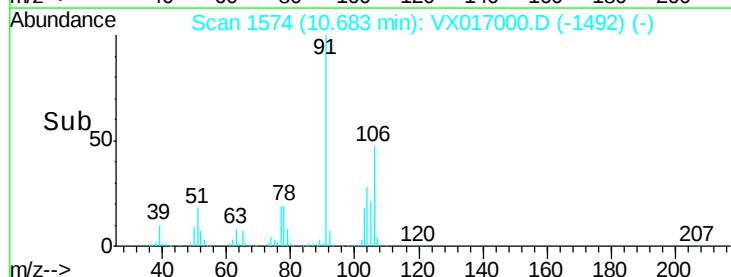
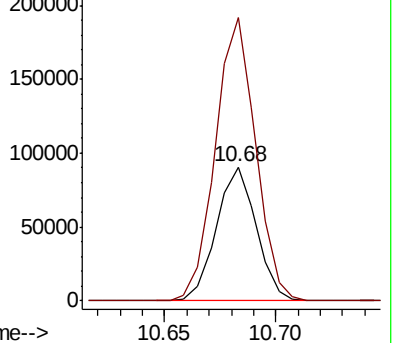
106 100

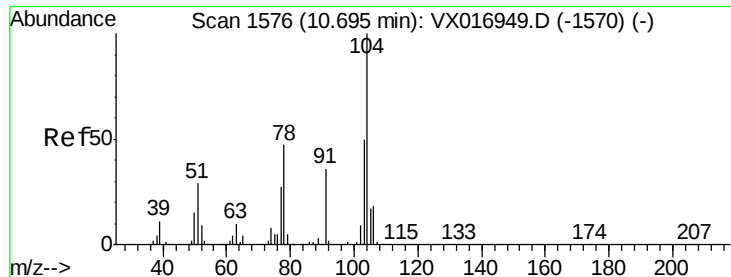
91 214.3 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.410 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

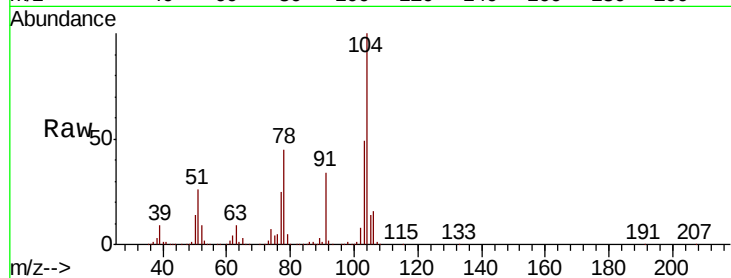
Tot Ion:104 Resp: 198501

Ion Ratio Lower Upper

104 100

78 50.2 42.6 64.0

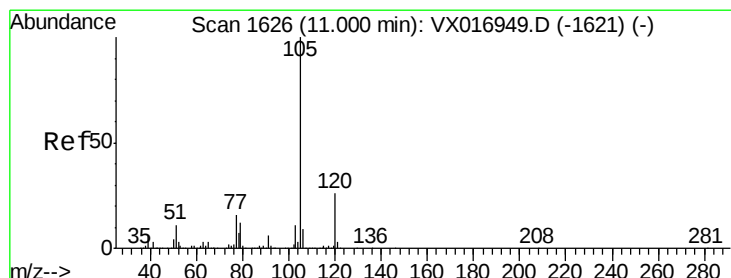
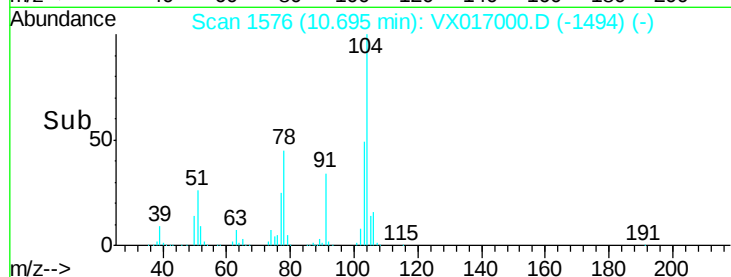
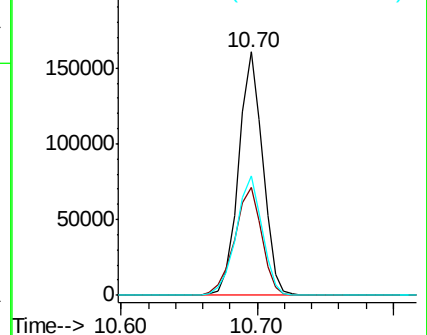
103 53.3 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.168 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017000.D

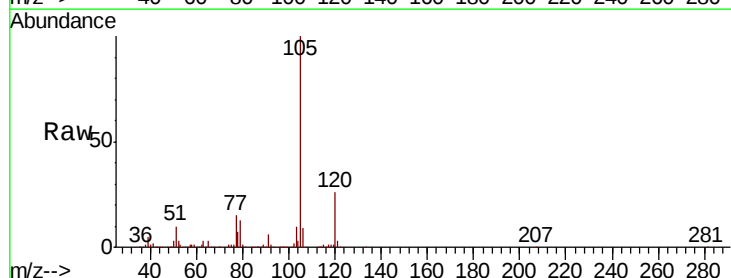
Acq: 26 Jun 2020 23:40

Tgt Ion:105 Resp: 310308

Ion Ratio Lower Upper

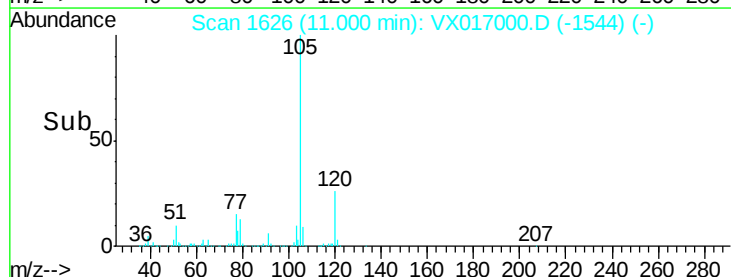
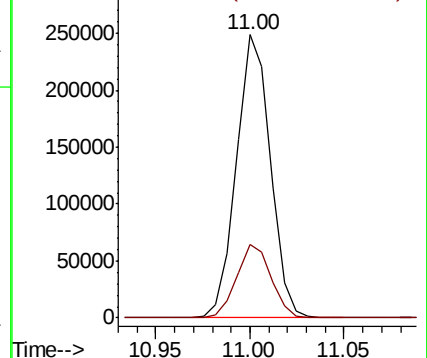
105 100

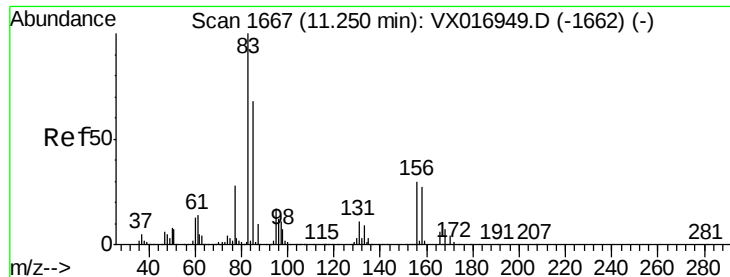
120 26.2 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.011 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampled :

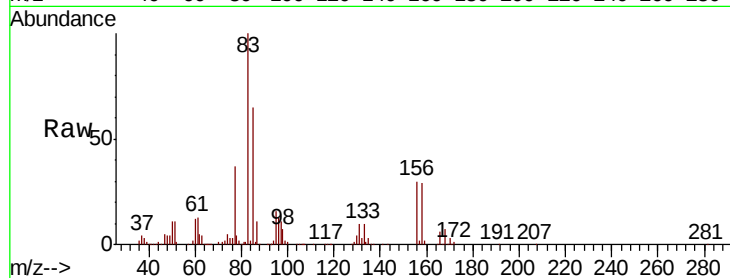
Tot Ion: 83 Resp: 99719

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

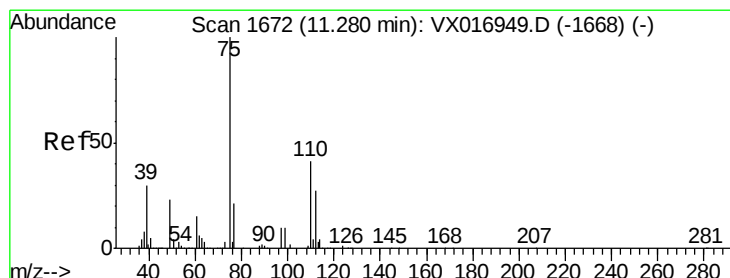
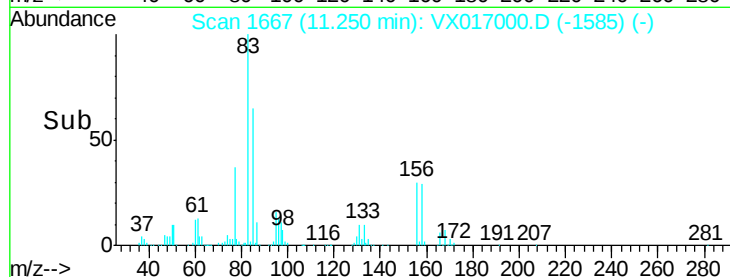
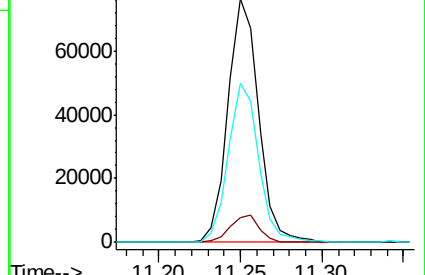
85 65.1 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.458 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017000.D

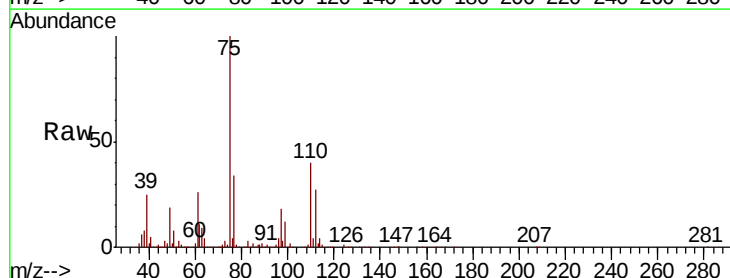
Acq: 26 Jun 2020 23:40

Tgt Ion: 75 Resp: 123201

Ion Ratio Lower Upper

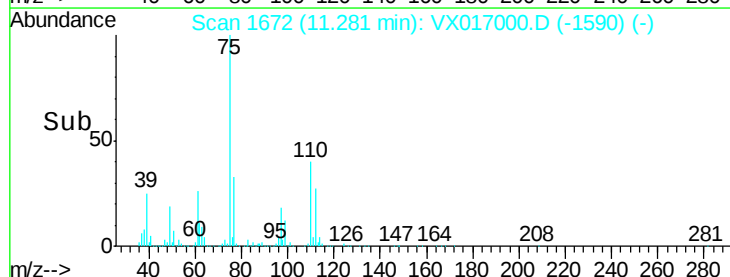
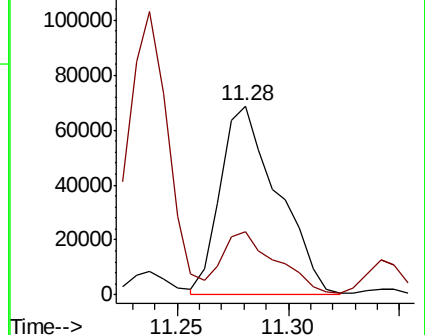
75 100

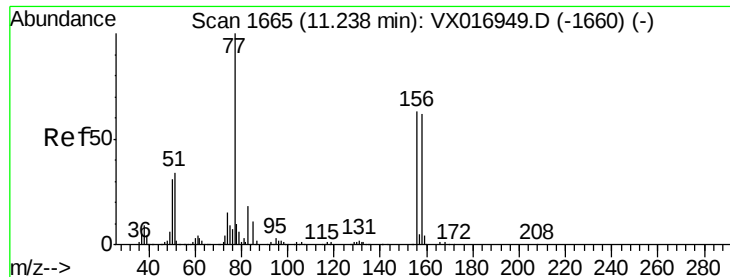
77 31.8 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.472 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

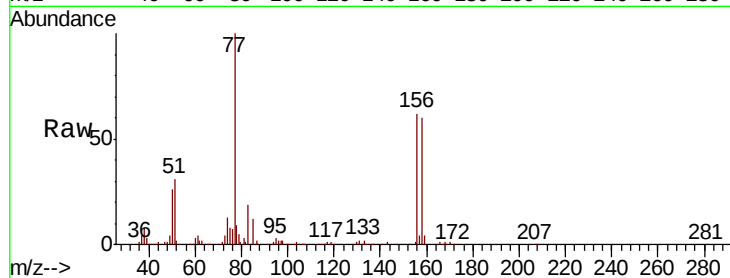
Tot Ion:156 Resp: 79624

Ion Ratio Lower Upper

156 100

77 164.6 0.0 317.2

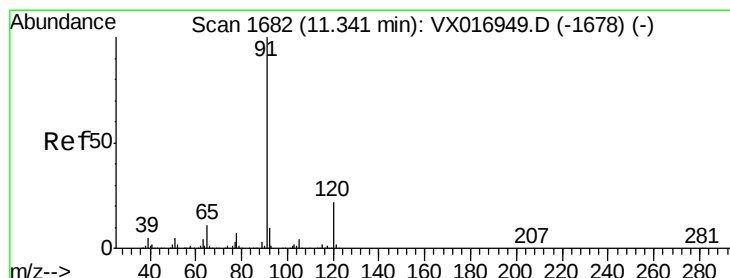
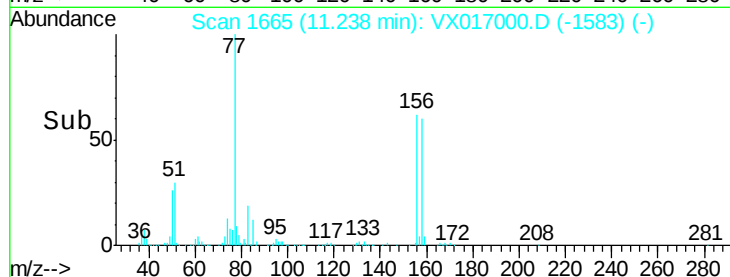
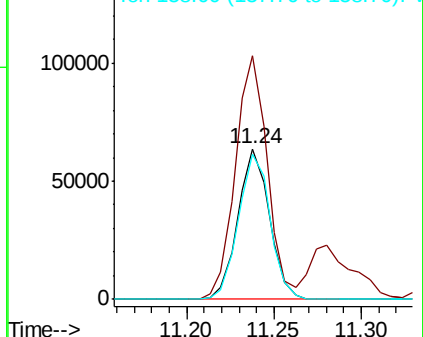
158 97.5 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.880 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017000.D

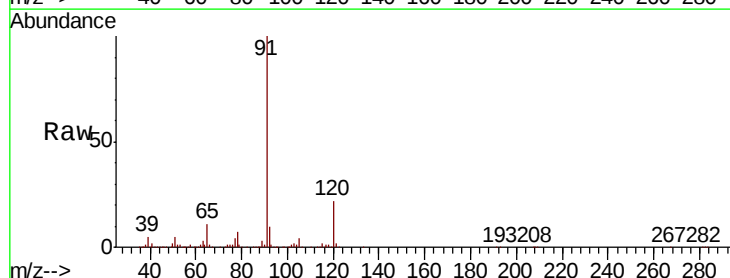
Acq: 26 Jun 2020 23:40

Tgt Ion: 91 Resp: 362604

Ion Ratio Lower Upper

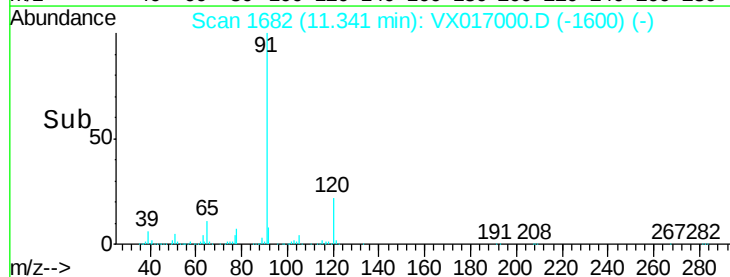
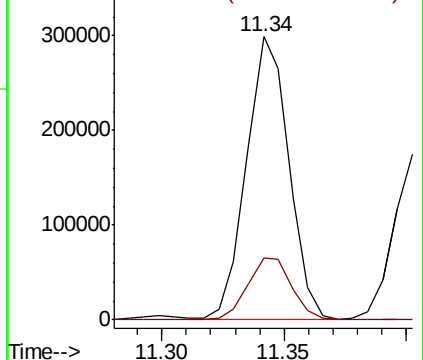
91 100

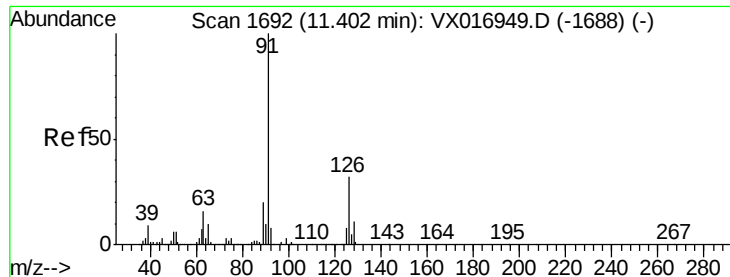
120 22.6 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

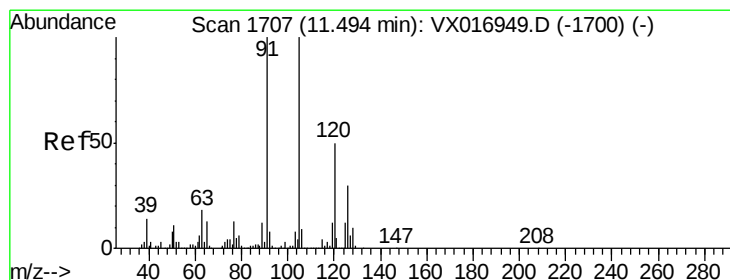
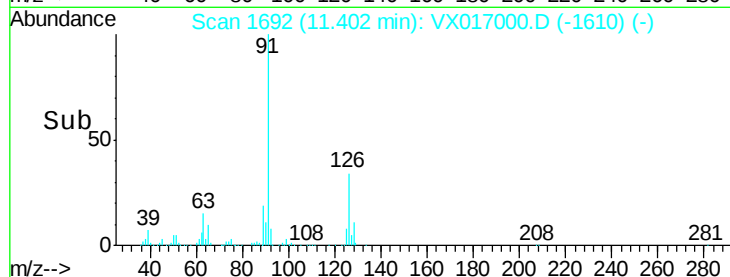
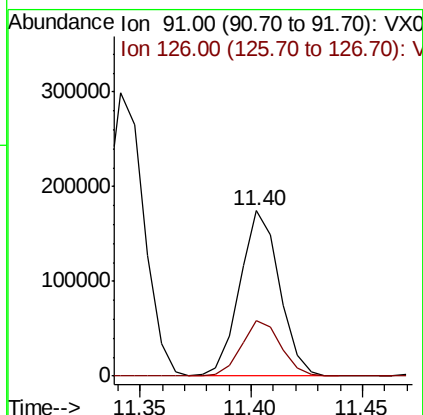
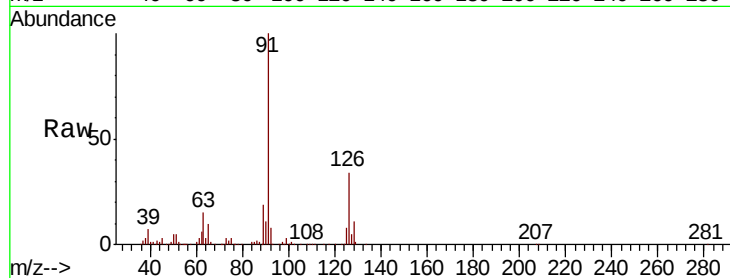




#75
2-Chlorotoluene
Concen: 18.440 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

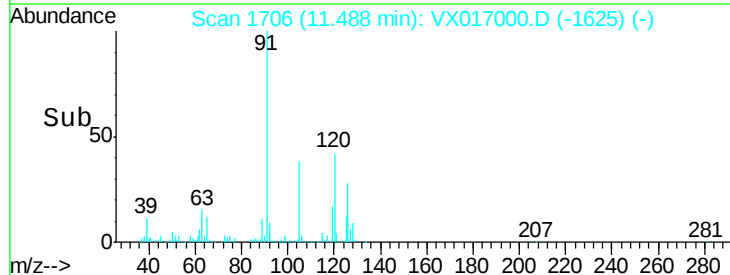
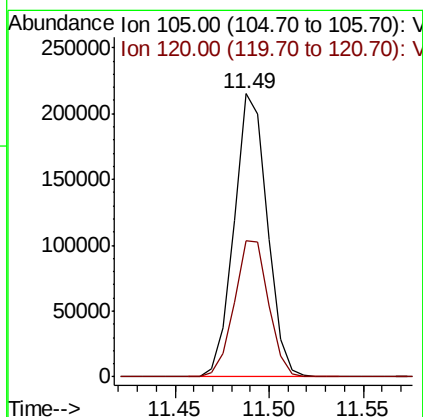
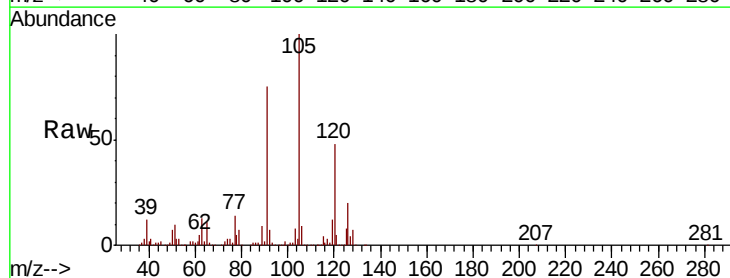
Instrument :
MSVOA_X
ClientSampleId :

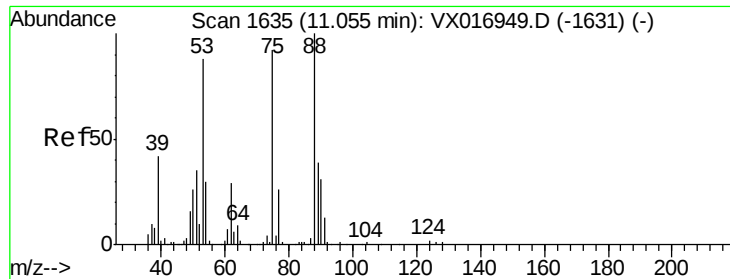
Tot Ion: 91 Resp: 218063
Ion Ratio Lower Upper
91 100
126 33.5 0.0 68.0



#76
1,3,5-Trimethylbenzene
Concen: 18.321 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 105 Resp: 262654
Ion Ratio Lower Upper
105 100
120 49.6 0.0 99.4

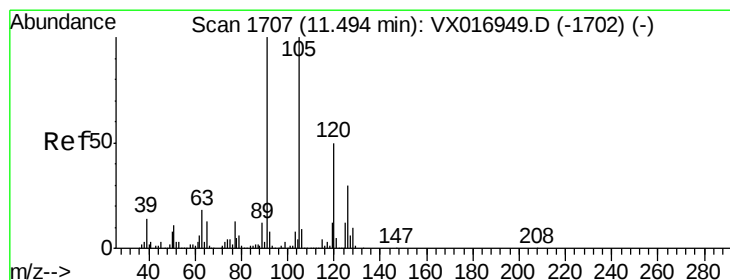
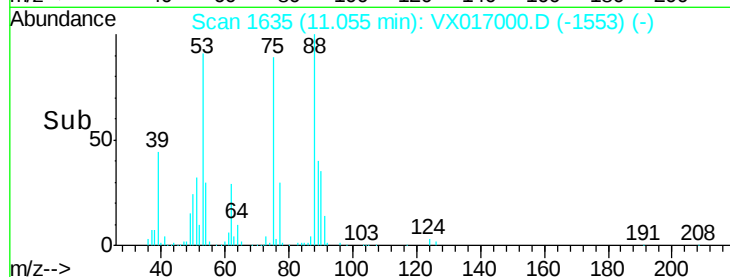
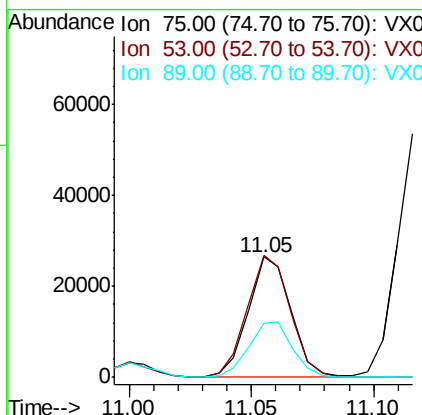
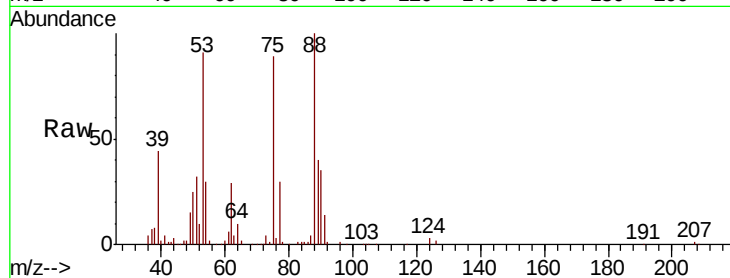




#77
t-1,4-Dichloro-2-butene
Concen: 15.997 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

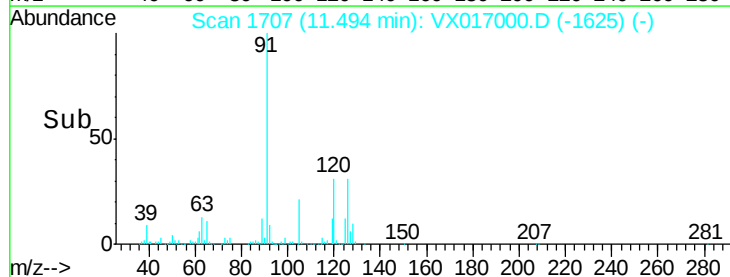
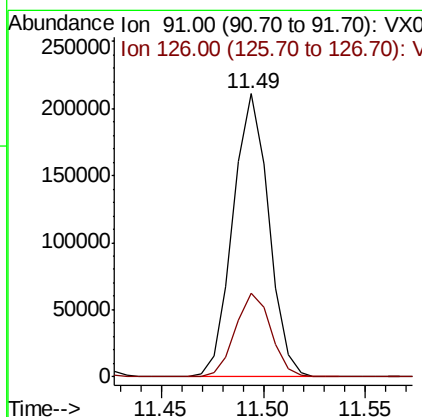
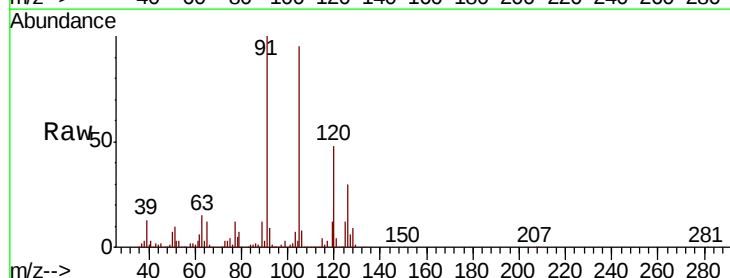
Instrument :
MSVOA_X
ClientSampleId :

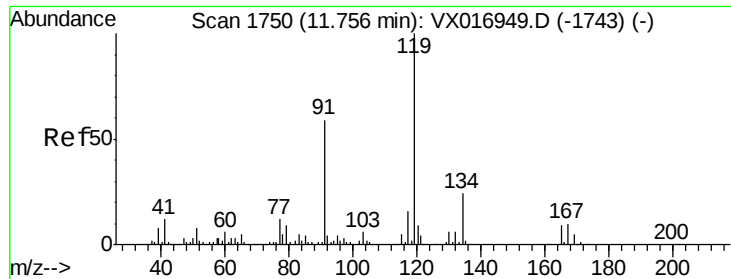
Tot Ion: 75 Resp: 32657
Ion Ratio Lower Upper
75 100
53 101.2 47.6 142.9
89 44.3 21.1 63.4



#78
4-Chlorotoluene
Concen: 18.349 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 91 Resp: 256916
Ion Ratio Lower Upper
91 100
126 29.7 0.0 60.6

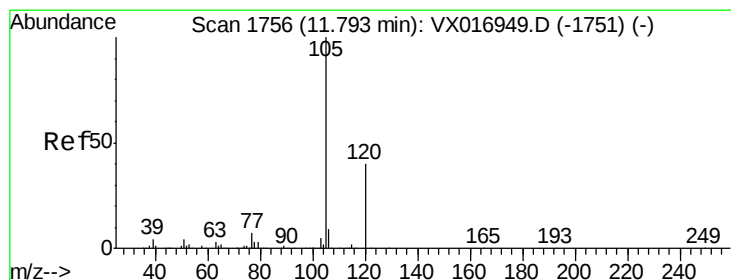
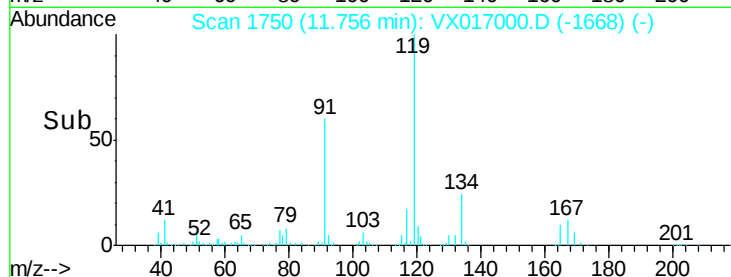
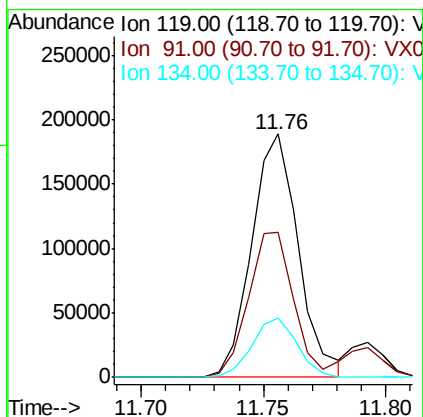
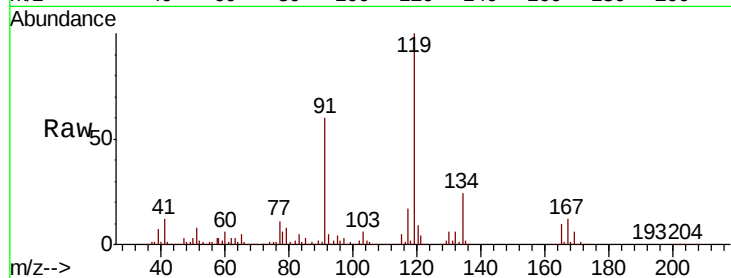




#79
tert-butylbenzene
Concen: 18.305 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

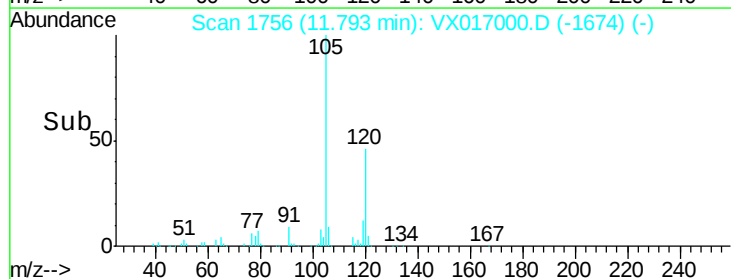
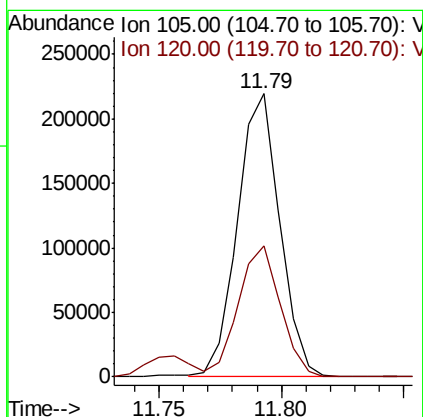
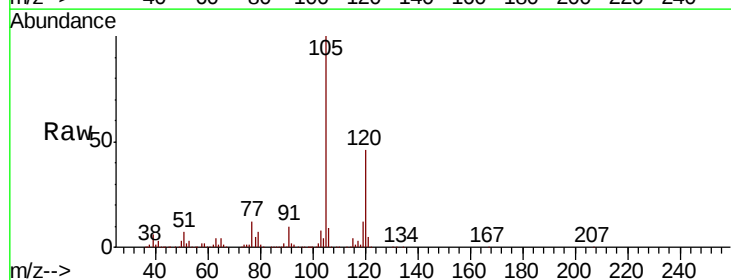
Instrument :
MSVOA_X
ClientSampleId :

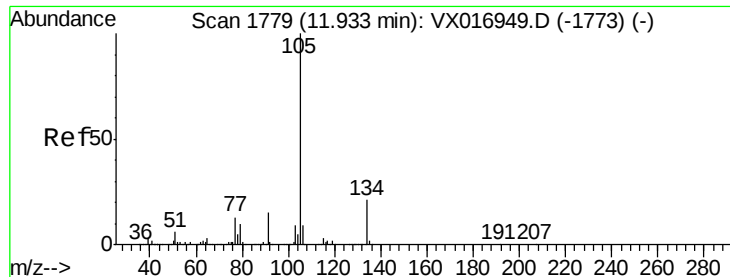
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	0.0	115.2
134	23.7	0.0	45.8



#80
1,2,4-Trimethylbenzene
Concen: 18.221 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	0.0	89.8

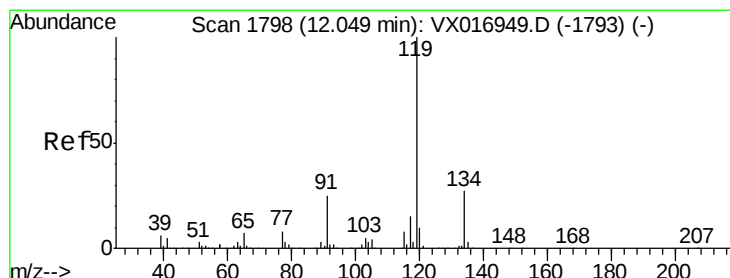
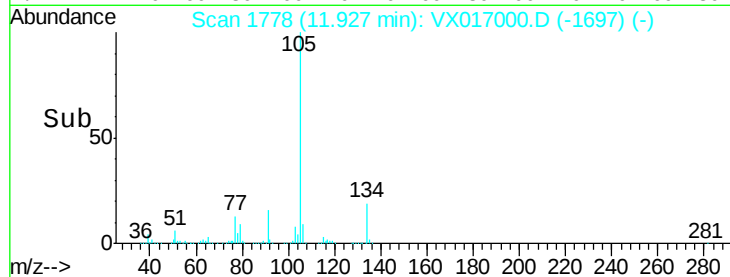
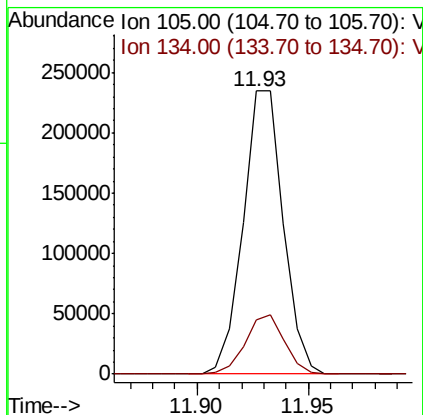
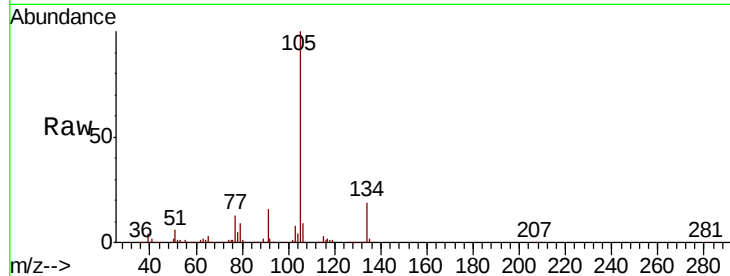




#81
 sec-Butylbenzene
 Concen: 17.740 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

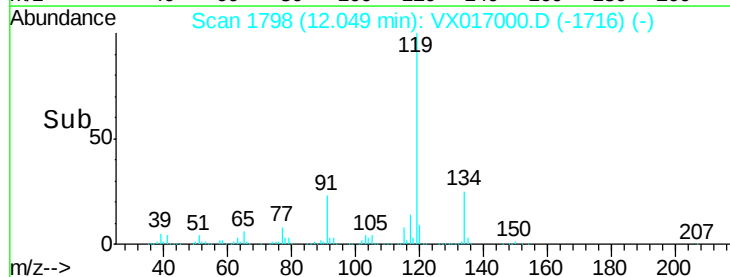
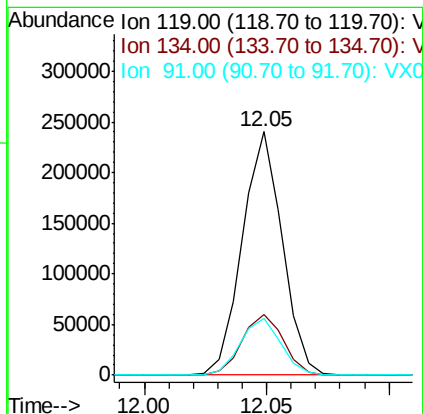
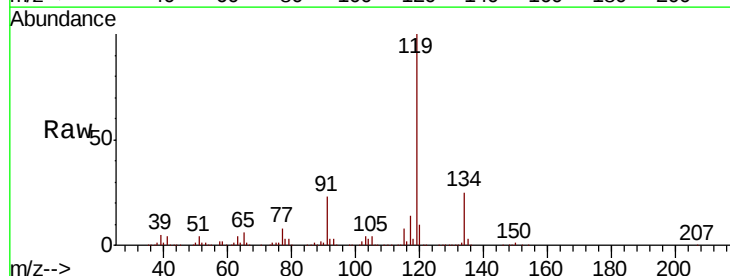
Instrument :
 MSVOA_X
 ClientSampleId :

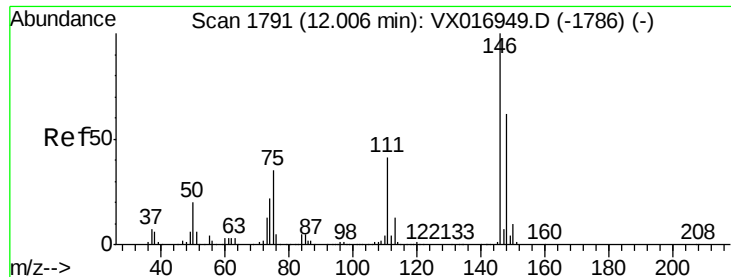
Tot Ion:105 Resp: 294973
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.115 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

Tgt Ion:119 Resp: 271972
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.0
 91 24.0 0.0 49.0





#83

1,3-Dichlorobenzene

Concen: 18.660 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

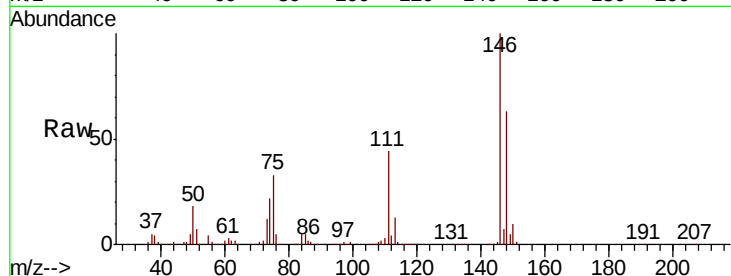
Tot Ion:146 Resp: 144139

Ion Ratio Lower Upper

146 100

111 41.3 19.5 58.5

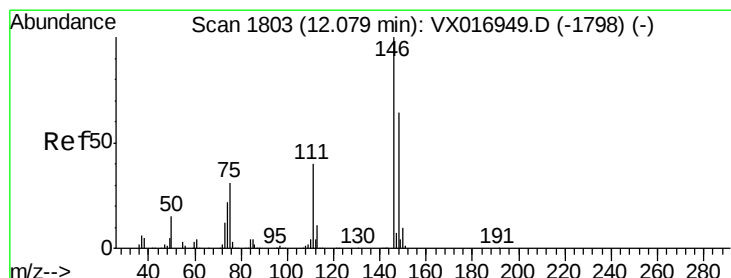
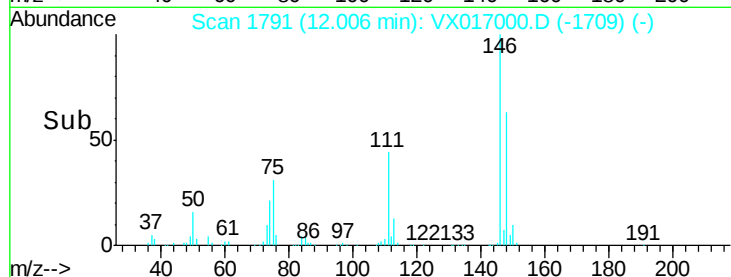
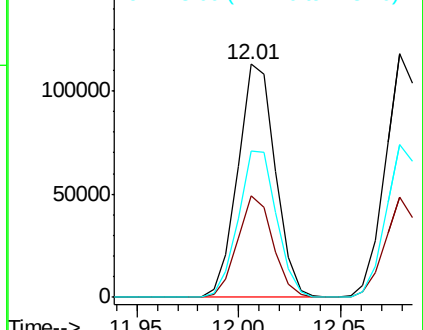
148 63.8 31.8 95.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.843 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

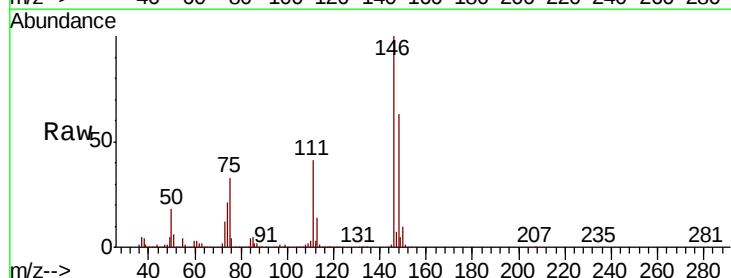
Tgt Ion:146 Resp: 146245

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

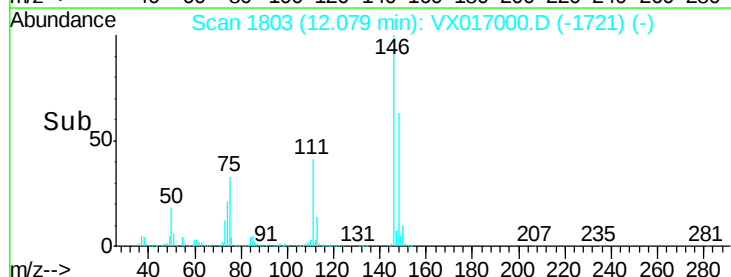
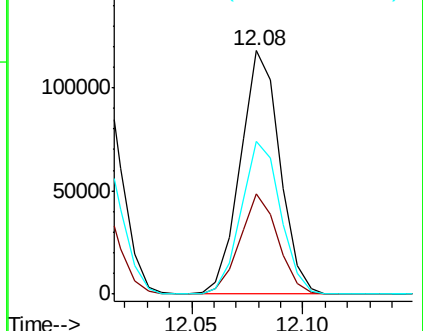
148 62.4 32.1 96.3

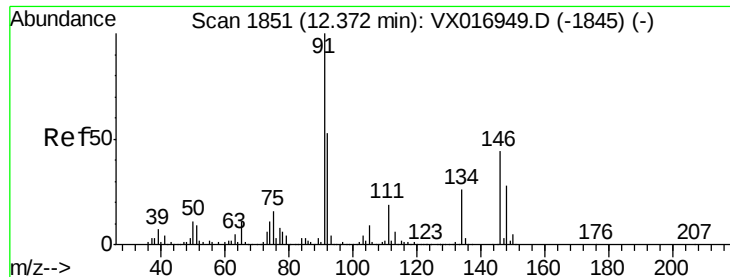


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

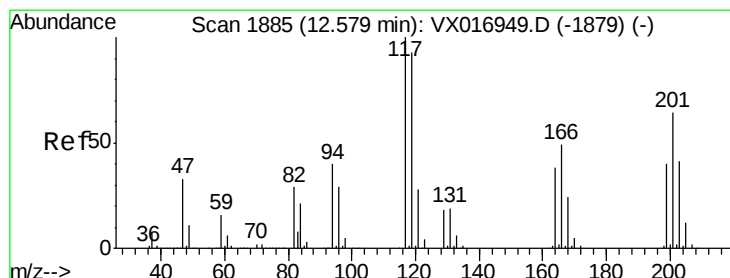
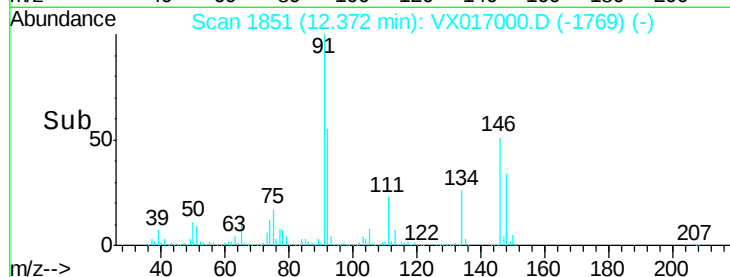
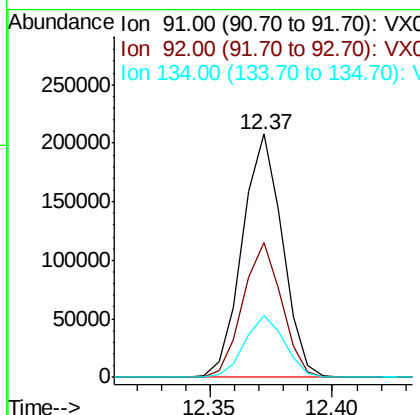
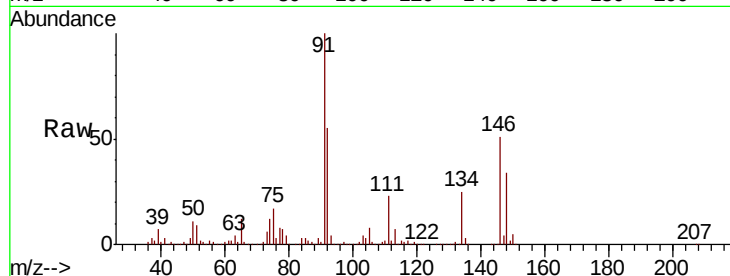




#85
n-Butylbenzene
Concen: 17.063 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

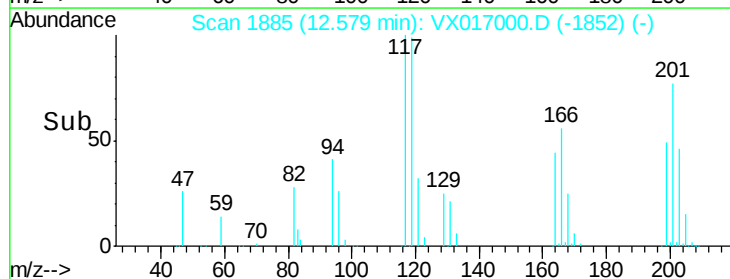
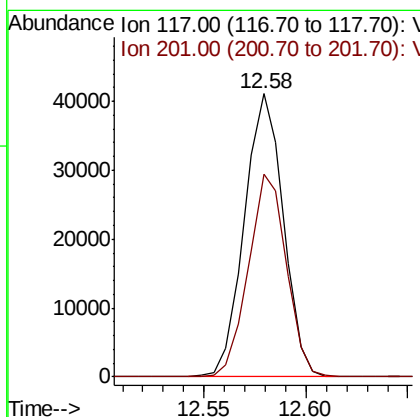
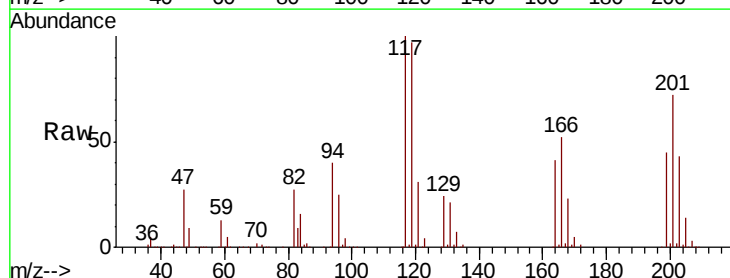
Instrument :
MSVOA_X
ClientSampleId :

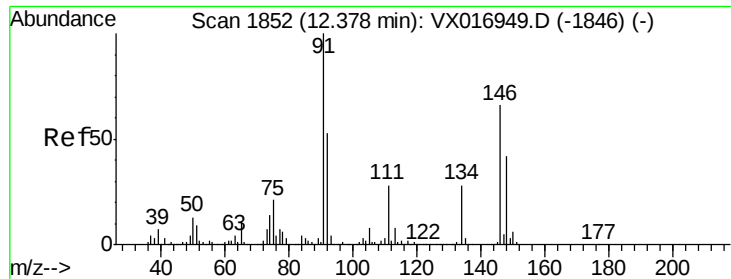
Tot Ion: 91 Resp: 237124
Ion Ratio Lower Upper
91 100
92 53.7 0.0 105.8
134 25.3 0.0 52.2



#86
Hexachloroethane
Concen: 18.512 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion: 117 Resp: 54391
Ion Ratio Lower Upper
117 100
201 70.3 34.6 103.9

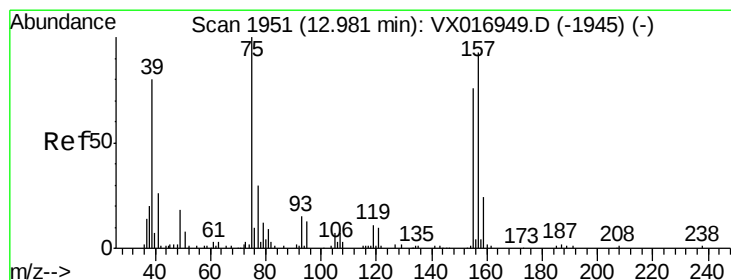
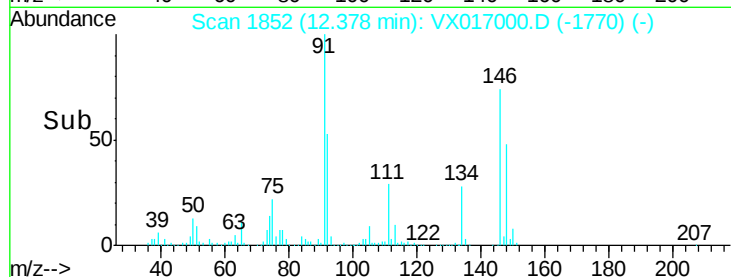
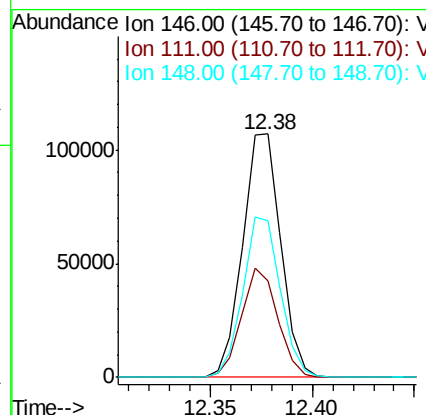
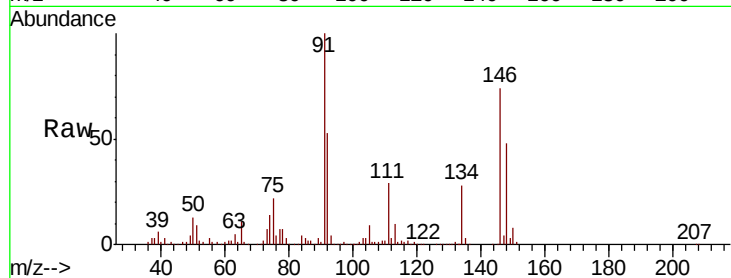




#87
 1,2-Dichlorobenzene
 Concen: 19.209 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

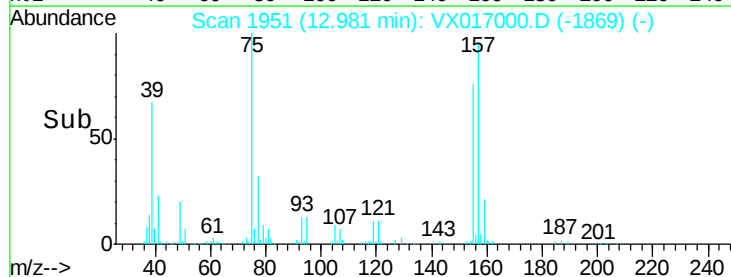
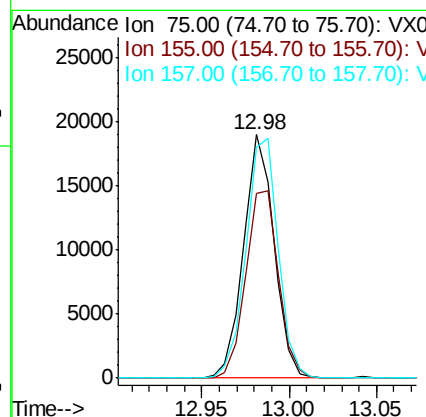
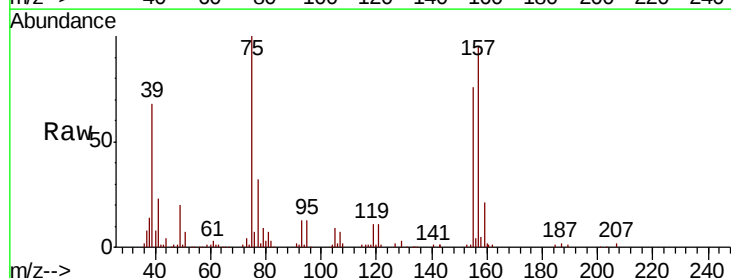
Instrument :
 MSVOA_X
 ClientSampled :

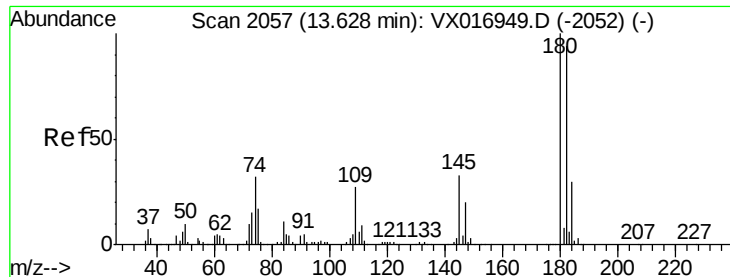
Tot Ion:146 Resp: 138886
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 64.8 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.378 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017000.D
 Acq: 26 Jun 2020 23:40

Tgt Ion: 75 Resp: 23126
 Ion Ratio Lower Upper
 75 100
 155 82.1 65.0 97.6
 157 103.9 83.0 124.4

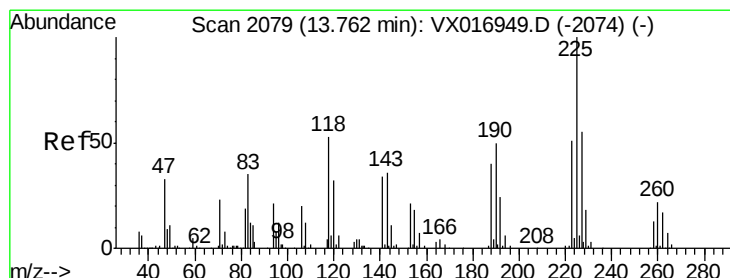
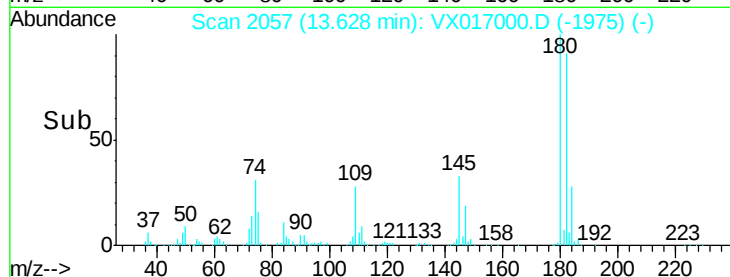
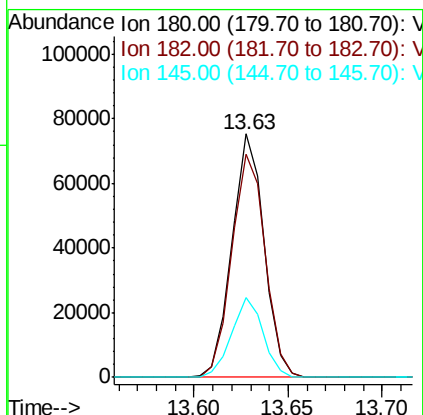
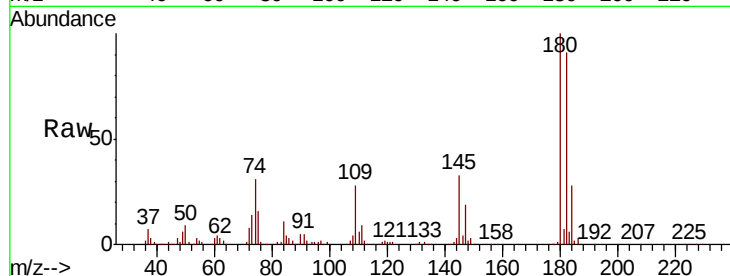




#89
1,2,4-Trichlorobenzene
Concen: 18.228 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

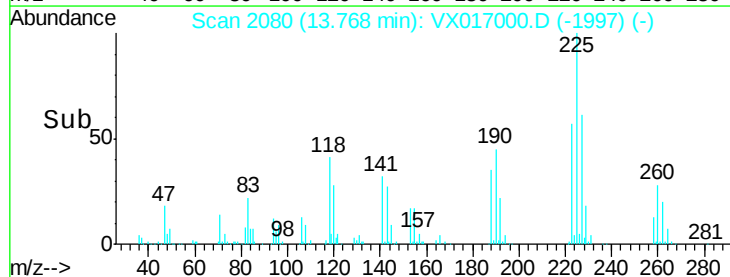
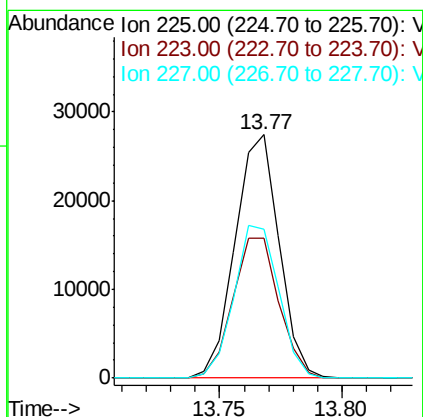
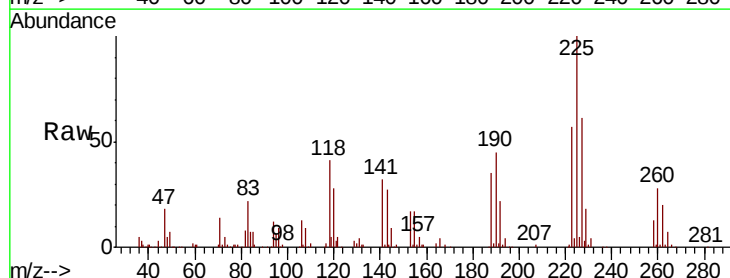
Instrument :
MSVOA_X
ClientSampleId :

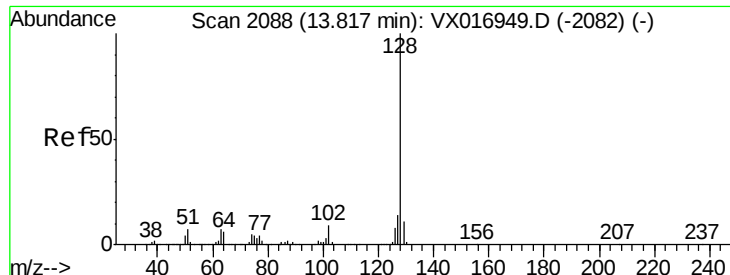
Tot Ion:180 Resp: 88916
Ion Ratio Lower Upper
180 100
182 95.2 77.7 116.5
145 32.2 26.2 39.2



#90
Hexachlorobutadiene
Concen: 18.497 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX017000.D
Acq: 26 Jun 2020 23:40

Tgt Ion:225 Resp: 34323
Ion Ratio Lower Upper
225 100
223 60.7 0.0 125.0
227 64.1 0.0 124.0





#91

Naphthalene

Concen: 18.687 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

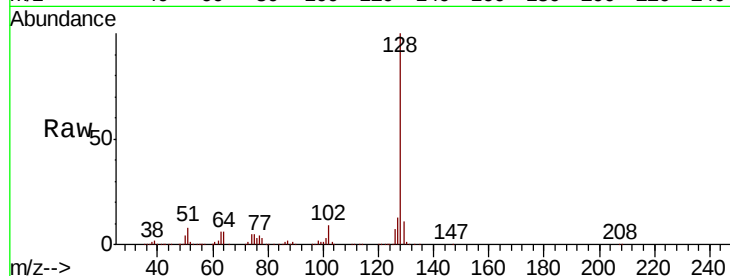
Tot Ion:128 Resp: 298794

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

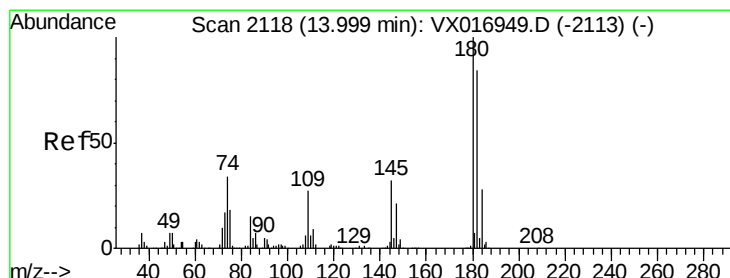
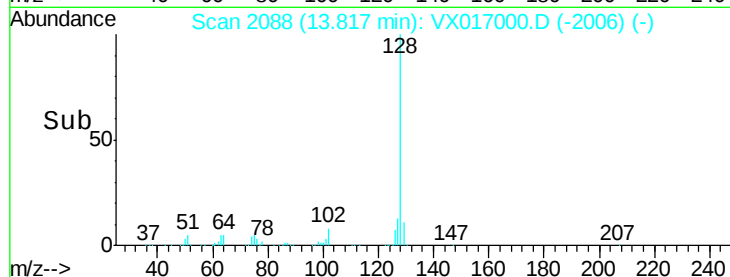
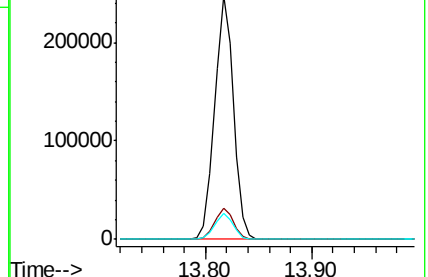
129 10.6 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.817 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017000.D

Acq: 26 Jun 2020 23:40

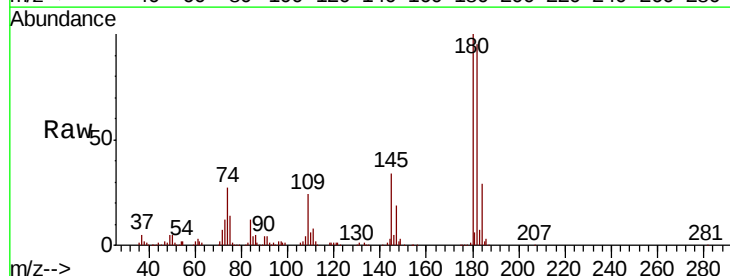
Tgt Ion:180 Resp: 89577

Ion Ratio Lower Upper

180 100

182 94.1 0.0 184.8

145 33.8 0.0 68.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

