

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020274.D
 Acq On : 22 Dec 2020 01:23
 Operator : JC/MD
 Sample : PB133709ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:16:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

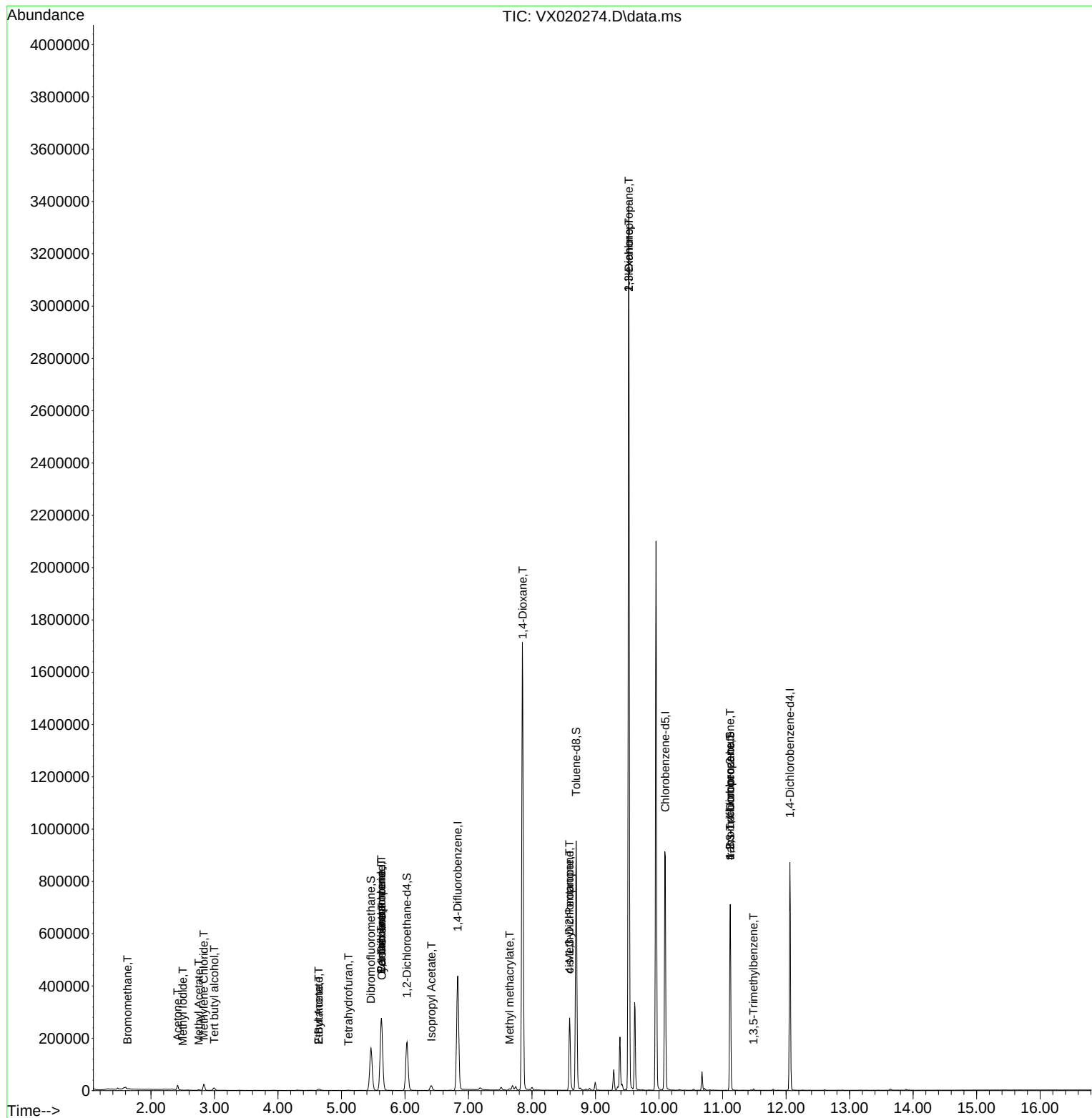
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	258350	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	439260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	425865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	175674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	175542	50.69	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.38%
35) Dibromofluoromethane	5.464	113	140155	49.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.76%
50) Toluene-d8	8.695	98	554449	51.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.52%
62) 4-Bromofluorobenzene	11.122	95	192465	46.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.98%
Target Compounds						
					Qvalue	
5) Bromomethane	1.629	94	746	0.66	ug/l #	70
10) Methyl Iodide	2.501	142	111	3.32	ug/l #	42
11) Tert butyl alcohol	2.995	59	6286	8.11	ug/l #	75
16) Acetone	2.416	43	18019	11.41	ug/l	98
18) Methyl Acetate	2.751	43	3184	0.90	ug/l	94
20) Methylene Chloride	2.830	84	11155	3.13	ug/l	98
25) 2-Butanone	4.641	43	7193	3.13	ug/l	94
29) Tetrahydrofuran	5.110	42	1038	0.72	ug/l #	65
31) Cyclohexane	5.635	56	5305	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20397	4.70	ug/l #	48
37) Ethyl Acetate	4.641	43	7193	1.59	ug/l #	64
38) Carbon Tetrachloride	5.629	117	25815	6.25	ug/l #	17
43) Isopropyl Acetate	6.415	43	24538	3.45	ug/l	97
48) Methyl methacrylate	7.647	41	7244	2.08	ug/l #	10
49) 1,4-Dioxane	7.854	88	296	3.62	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	86969	19.72	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	45178	8.40	ug/l #	62
57) 1,3-Dichloropropane	9.524	76	29002	5.01	ug/l #	43
59) 2-Hexanone	9.524	43	358033	106.55	ug/l #	46
76) 1,2,3-Trichloropropane	11.122	75	94436	21.82	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.487	105	2241	0.21	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.122	75	94436	64.74	ug/l #	12

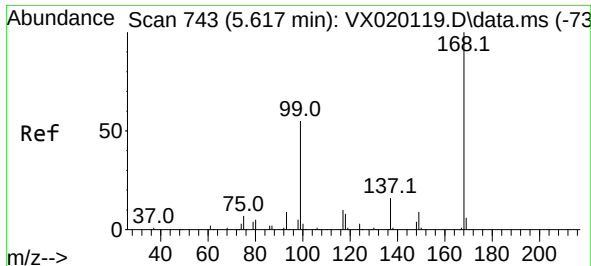
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
Data File : VX020274.D
Acq On : 22 Dec 2020 01:23
Operator : JC/MD
Sample : PB133709ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 22 05:16:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

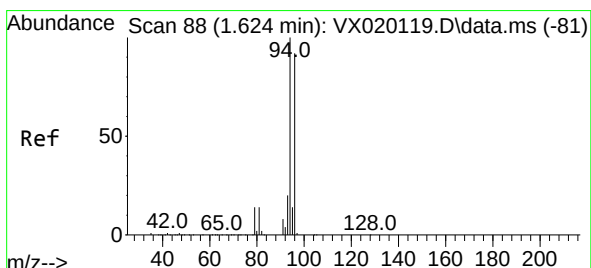
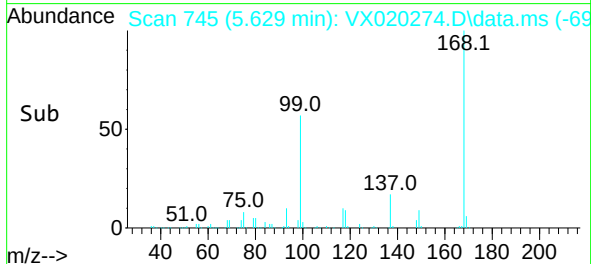
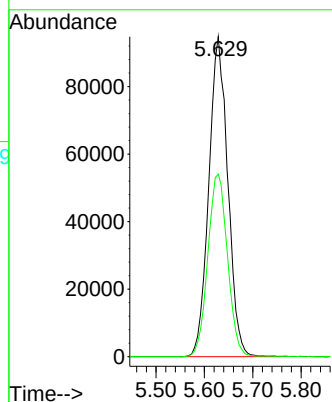
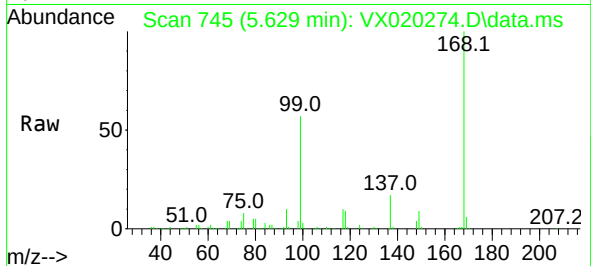




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

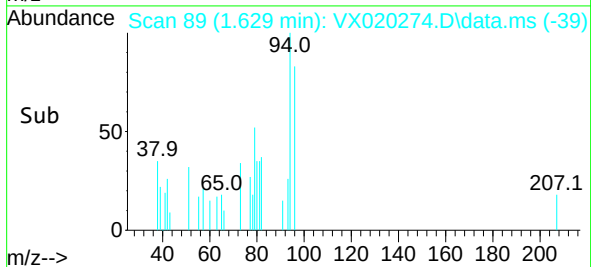
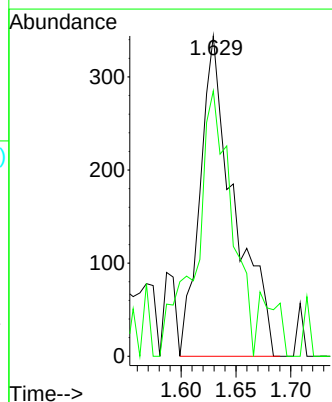
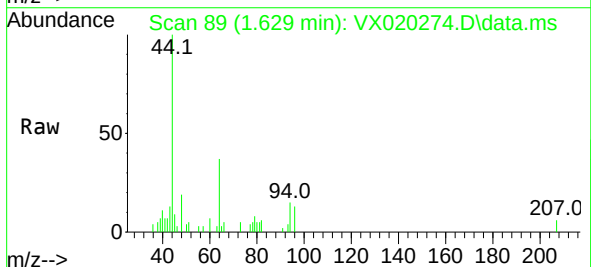
Instrument :
MSVOA_X
ClientSampleId :

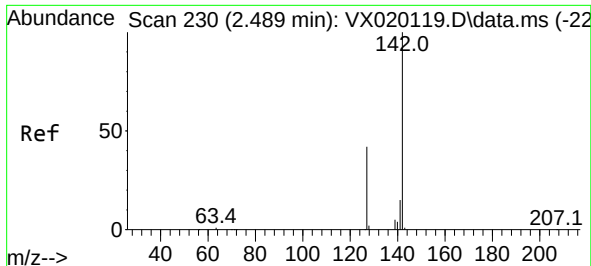
Tgt Ion:168 Resp: 258350
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.66 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

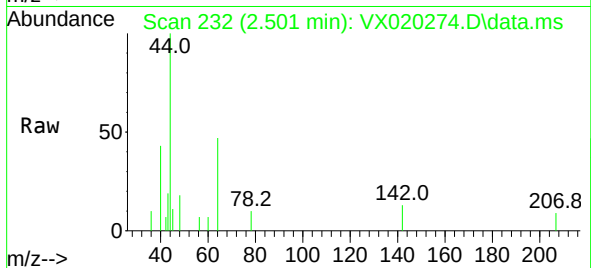
Tgt Ion: 94 Resp: 746
Ion Ratio Lower Upper
94 100
96 66.3 76.4 114.6#



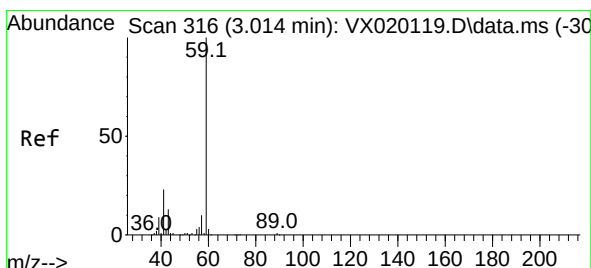
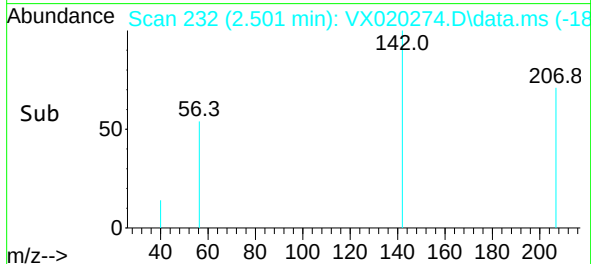
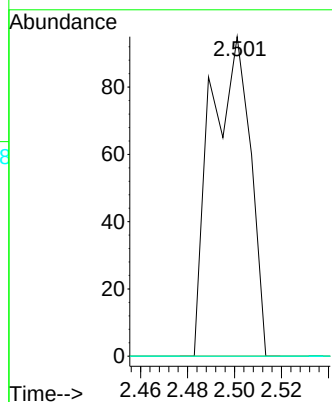


#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Instrument :
MSVOA_X
ClientSampleId :

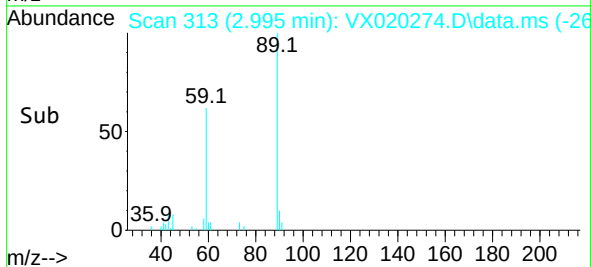
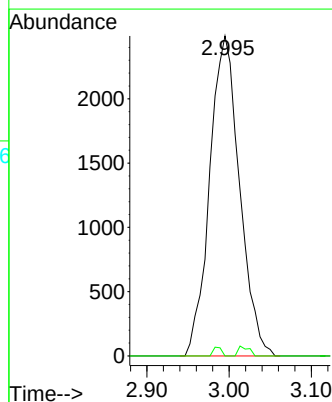
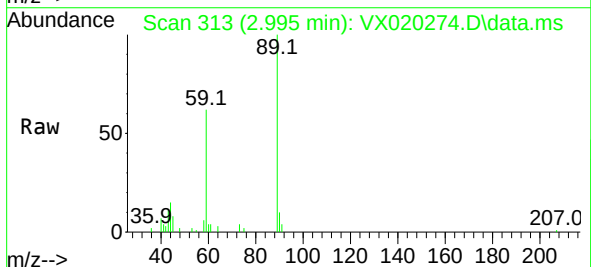


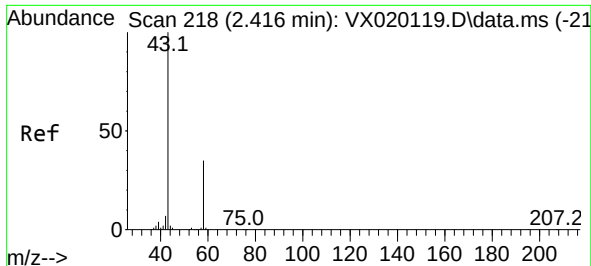
Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 8.11 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 59 Resp: 6286
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.8#

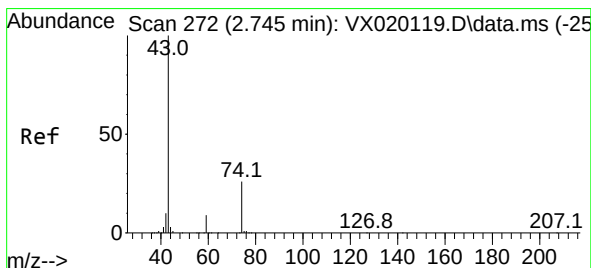
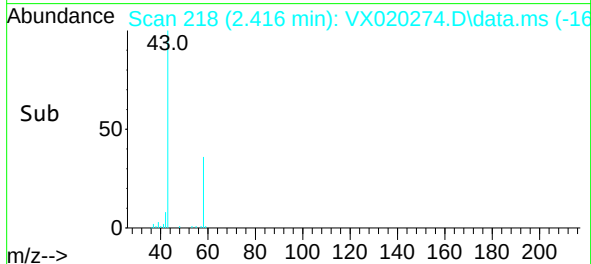
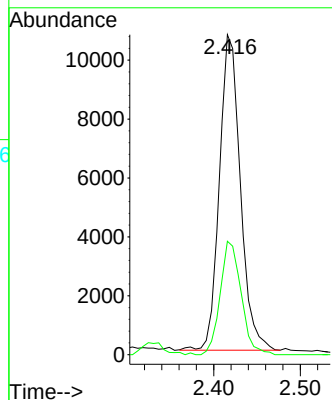
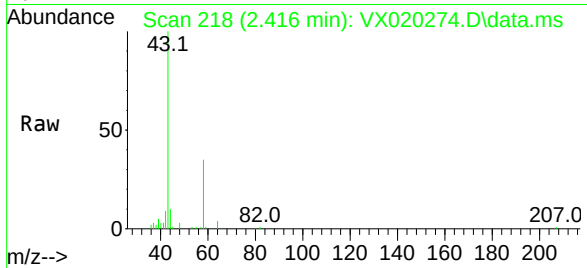




#16
Acetone
Concen: 11.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

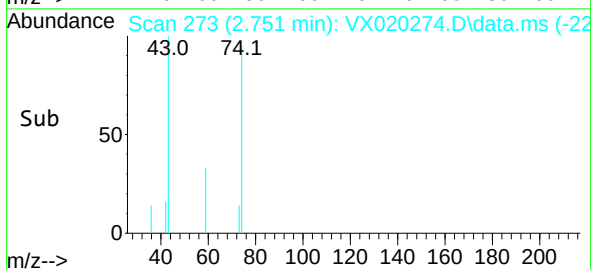
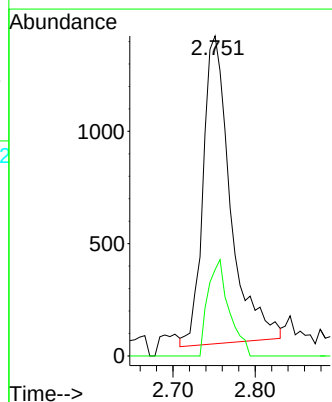
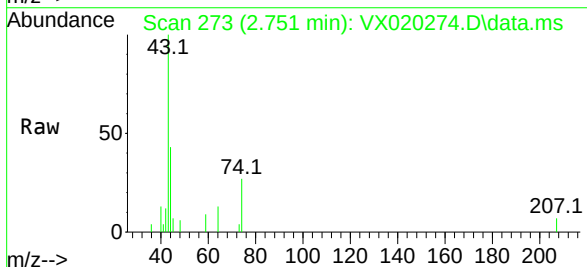
Instrument :
MSVOA_X
ClientSampleId :

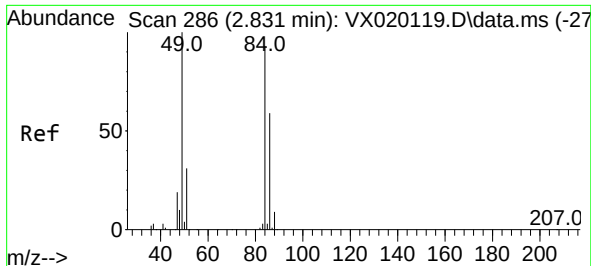
Tgt Ion: 43 Resp: 18019
Ion Ratio Lower Upper
43 100
58 36.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.90 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 3184
Ion Ratio Lower Upper
43 100
74 24.1 21.9 32.9





#20

Methylene Chloride

Concen: 3.13 ug/l

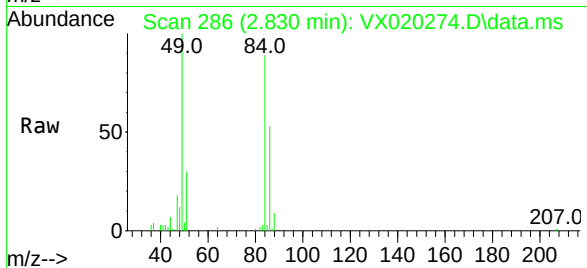
RT: 2.830 min Scan# 286

Delta R.T. -0.001 min

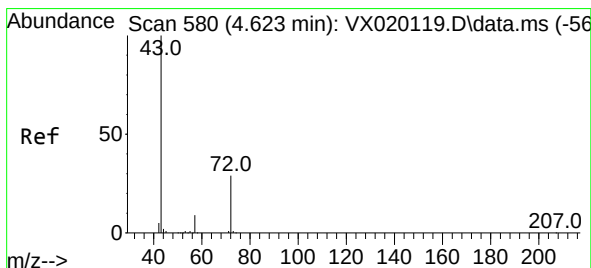
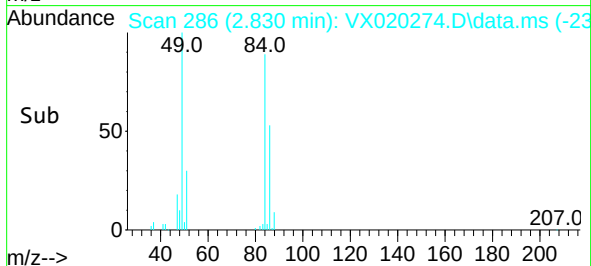
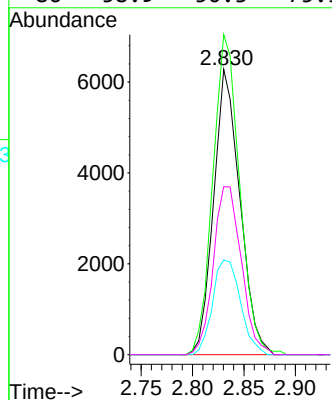
Lab File: VX020274.D

Acq: 22 Dec 2020 01:23

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84	Resp: 11155
Ion Ratio	Lower Upper
84 100	
49 112.2	88.6 132.8
51 33.2	27.0 40.6
86 58.9	50.3 75.5



#25

2-Butanone

Concen: 3.13 ug/l

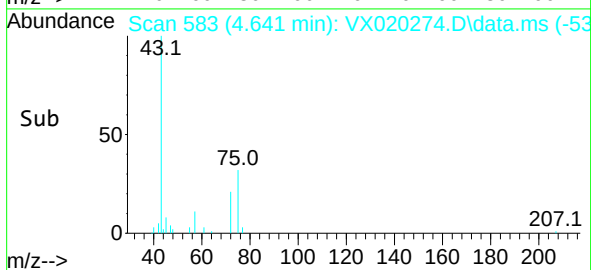
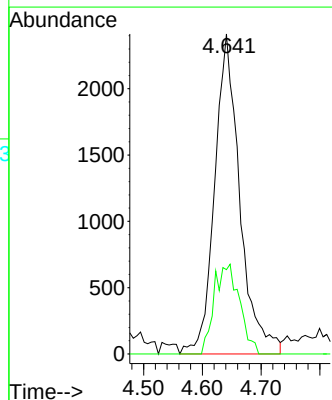
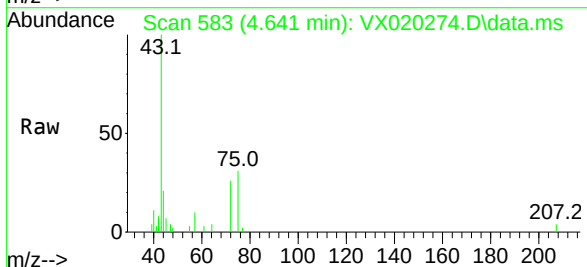
RT: 4.641 min Scan# 583

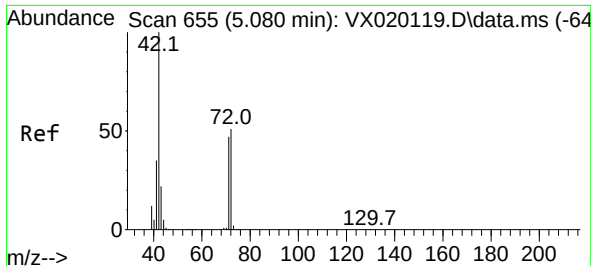
Delta R.T. 0.018 min

Lab File: VX020274.D

Acq: 22 Dec 2020 01:23

Tgt Ion: 43	Resp: 7193
Ion Ratio	Lower Upper
43 100	
72 26.4	23.7 35.5





#29

Tetrahydrofuran

Concen: 0.72 ug/l

RT: 5.110 min Scan# 660

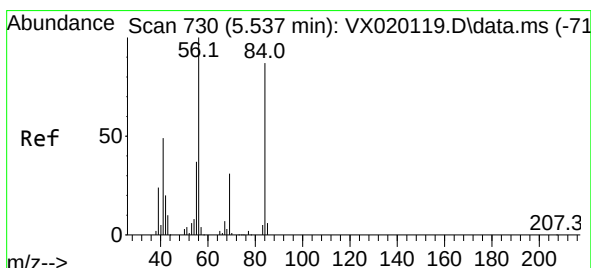
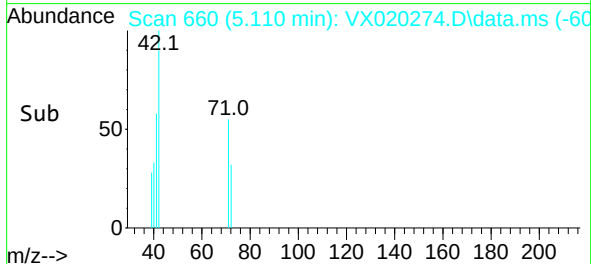
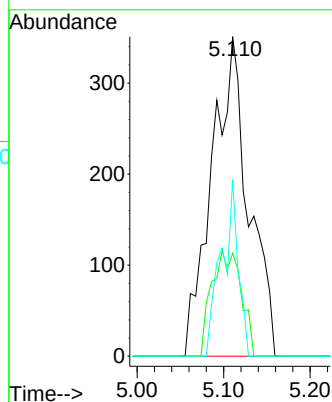
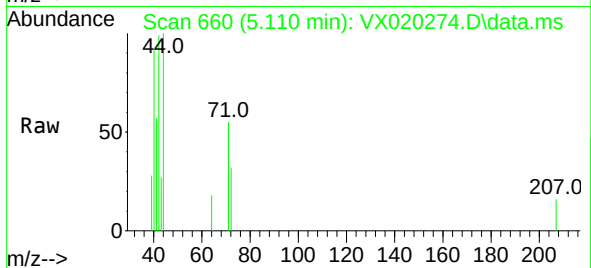
Delta R.T. 0.030 min

Lab File: VX020274.D

Acq: 22 Dec 2020 01:23

Tgt Ion:	42	Resp:	1038
Ion	Ratio	Lower	Upper
42	100		
72	26.4	41.7	62.5#
71	25.2	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.11 ug/l

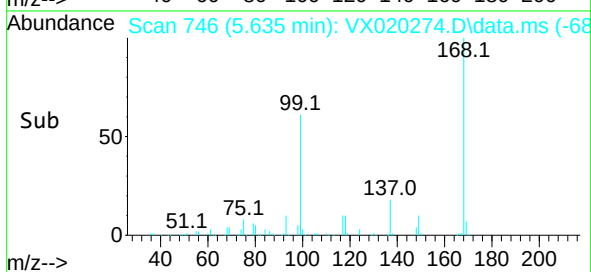
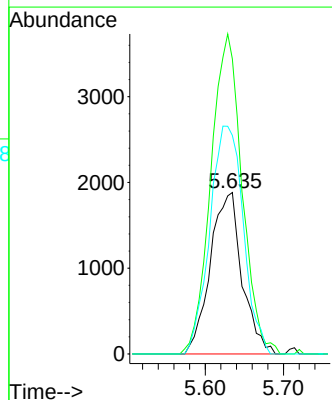
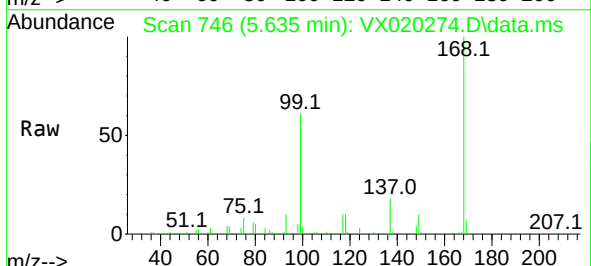
RT: 5.635 min Scan# 746

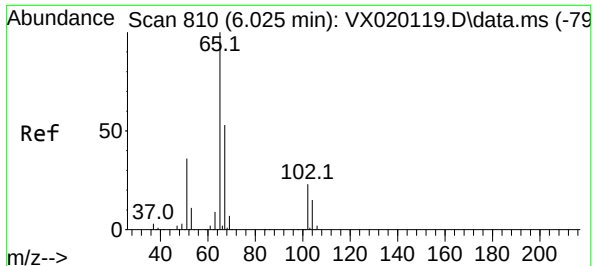
Delta R.T. 0.098 min

Lab File: VX020274.D

Acq: 22 Dec 2020 01:23

Tgt Ion:	56	Resp:	5305
Ion	Ratio	Lower	Upper
56	100		
69	182.7	25.3	37.9#
84	135.4	71.4	107.0#

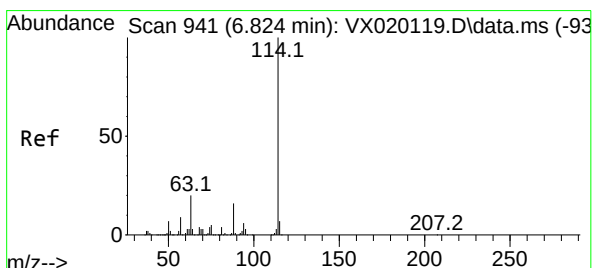
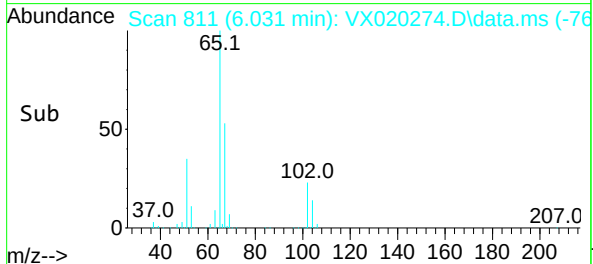
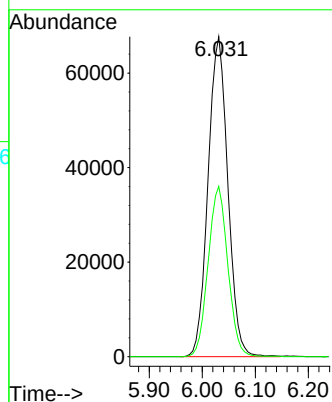
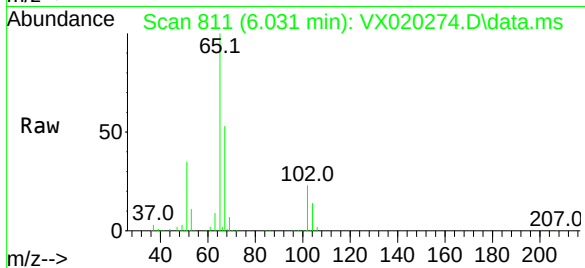




#33
1,2-Dichloroethane-d4
Concen: 50.69 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

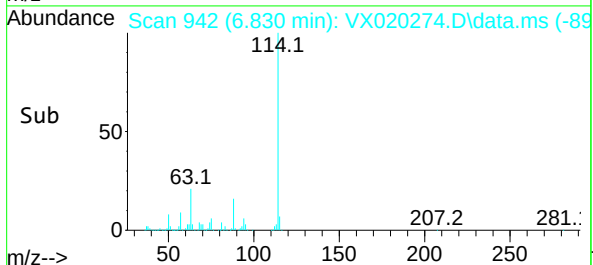
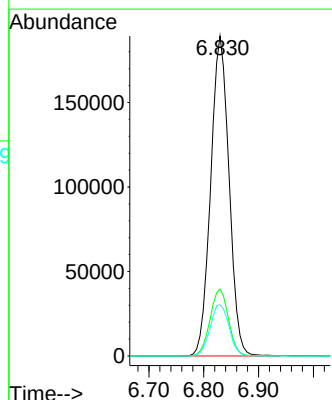
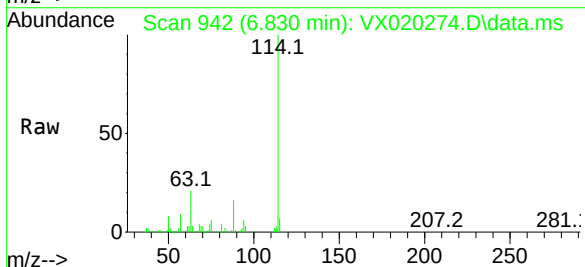
Instrument :
MSVOA_X
ClientSampled :

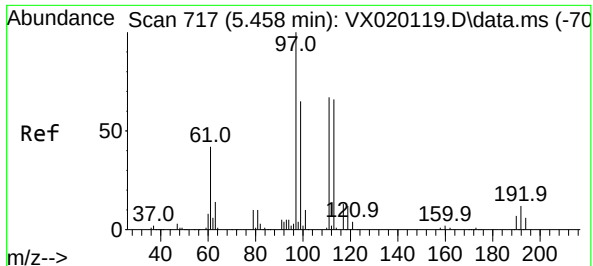
Tgt Ion: 65 Resp: 175542
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 114 Resp: 439260
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.0 0.0 32.8

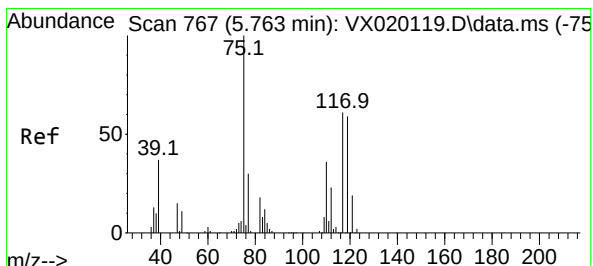
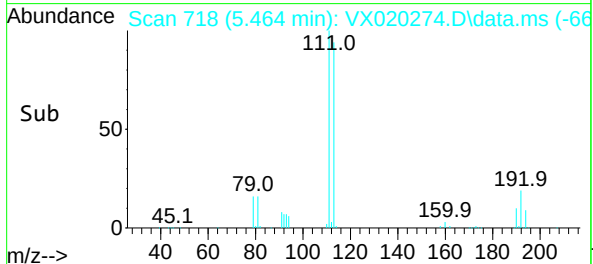
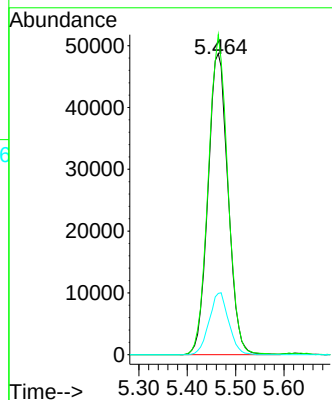
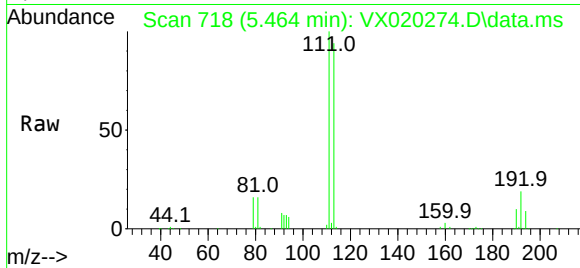




#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

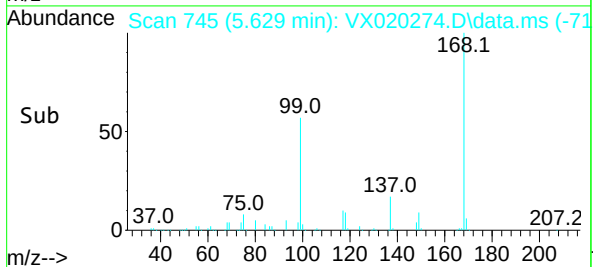
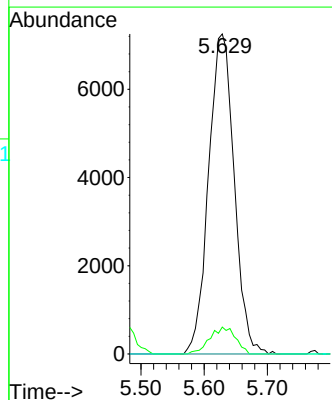
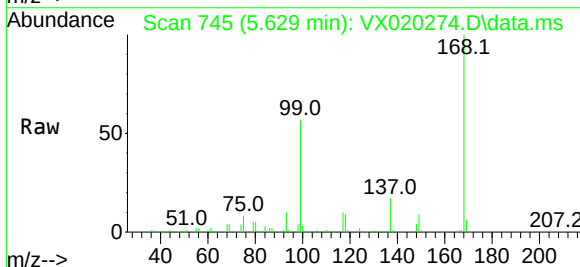
Instrument :
MSVOA_X
ClientSampleId :

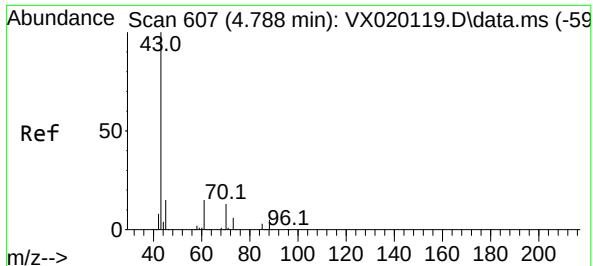
Tgt Ion:113 Resp: 140155
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 75 Resp: 20397
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.59 ug/l

RT: 4.641 min Scan# 583

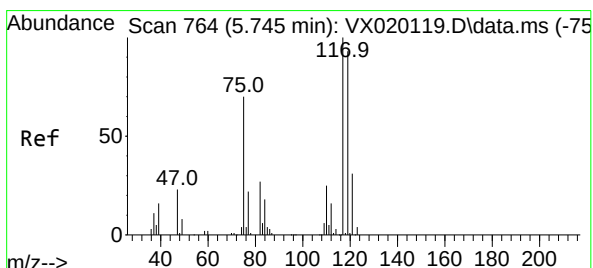
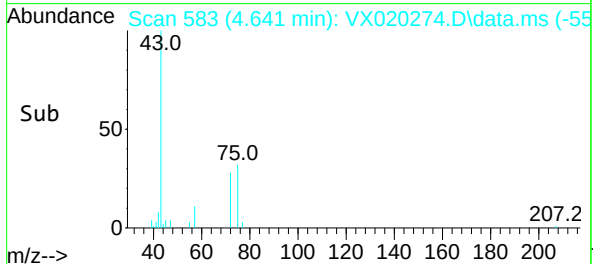
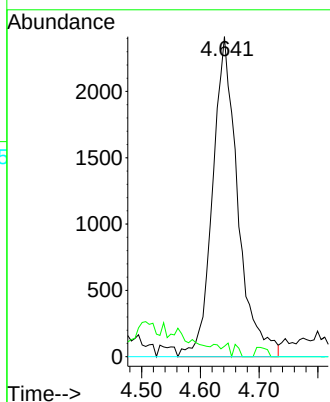
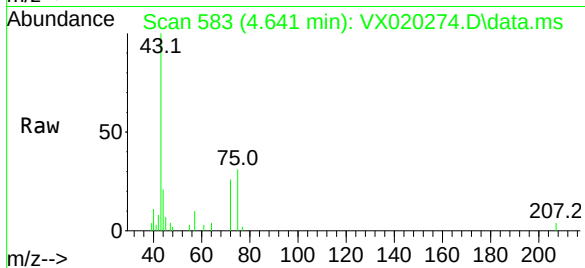
Delta R.T. -0.147 min

Lab File: VX020274.D

Acq: 22 Dec 2020 01:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	43	Resp:	7193
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 6.25 ug/l

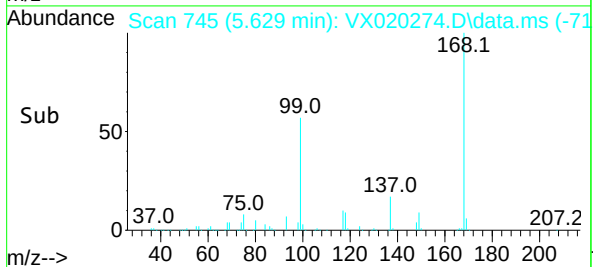
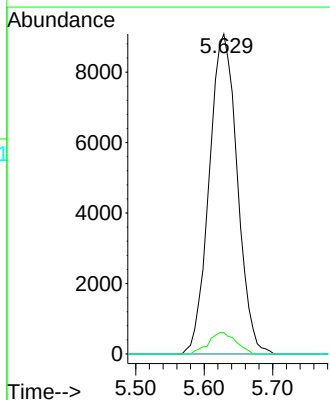
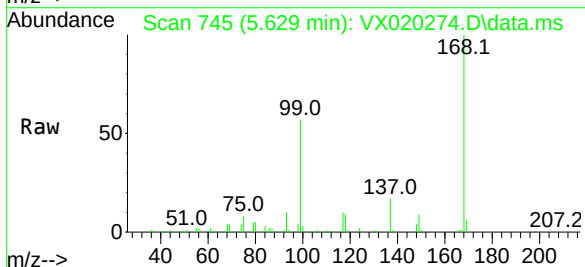
RT: 5.629 min Scan# 745

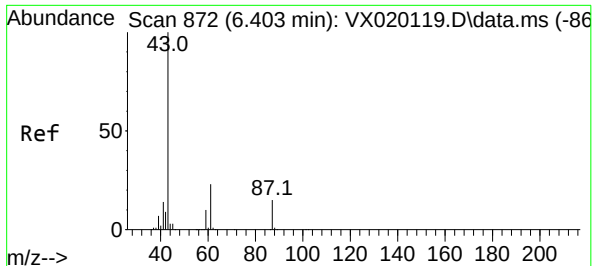
Delta R.T. -0.116 min

Lab File: VX020274.D

Acq: 22 Dec 2020 01:23

Tgt Ion:	117	Resp:	25815
Ion	Ratio	Lower	Upper
117	100		
119	6.7	76.2	114.2#
121	0.0	24.8	37.2#





#43

Isopropyl Acetate

Concen: 3.45 ug/l

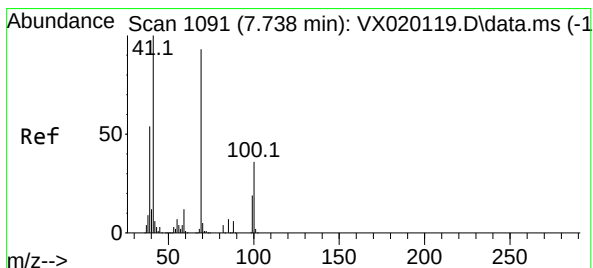
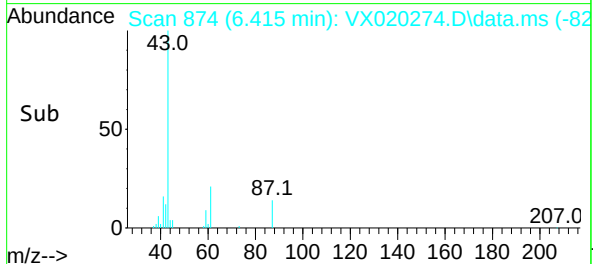
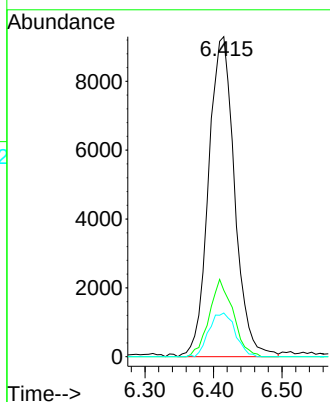
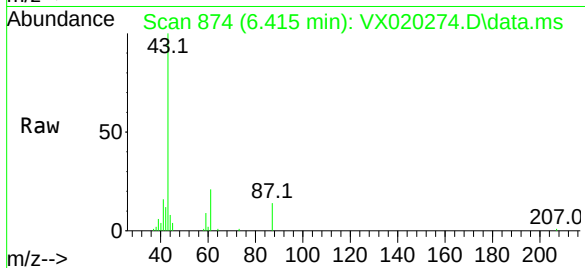
RT: 6.415 min Scan# 874

Delta R.T. 0.012 min

Lab File: VX020274.D

Acq: 22 Dec 2020 01:23

Tgt Ion: 43	Resp: 24538
Ion Ratio	Lower Upper
43 100	
61 22.1	18.2 27.4
87 13.8	12.5 18.7



#48

Methyl methacrylate

Concen: 2.08 ug/l

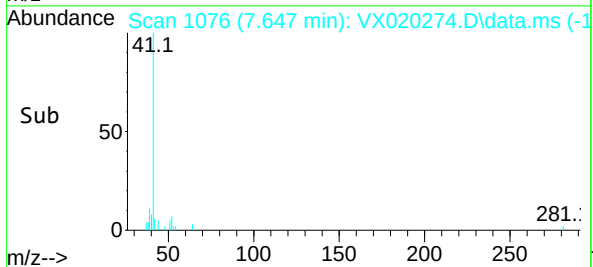
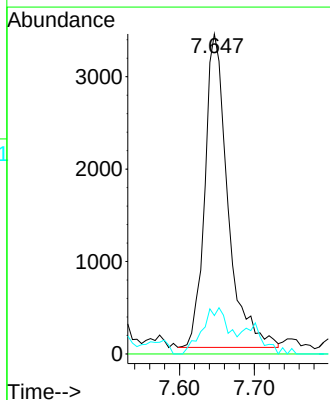
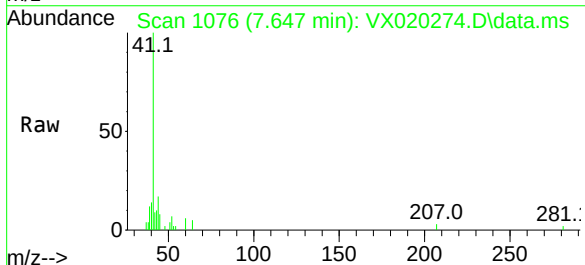
RT: 7.647 min Scan# 1076

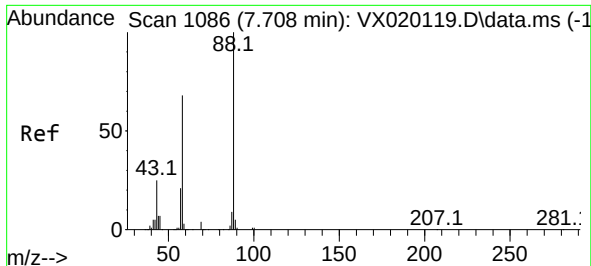
Delta R.T. -0.091 min

Lab File: VX020274.D

Acq: 22 Dec 2020 01:23

Tgt Ion: 41	Resp: 7244
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#

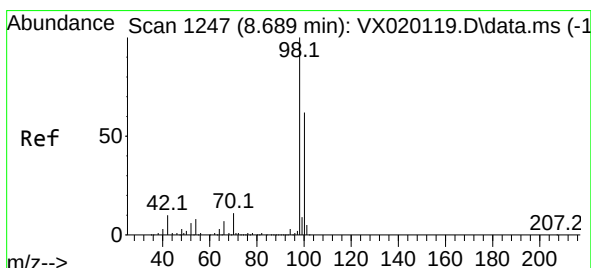
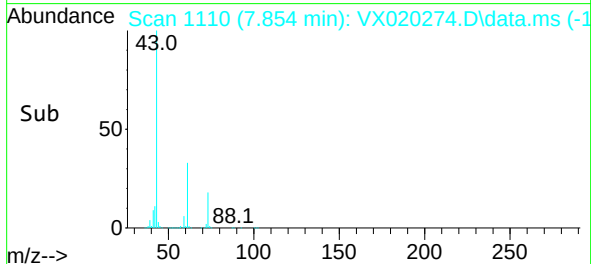
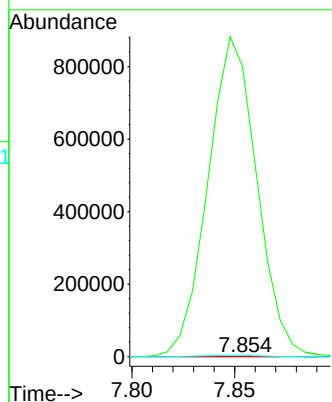
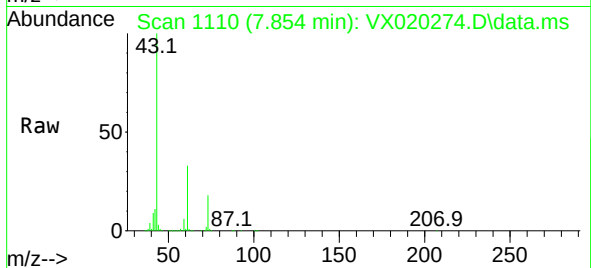




#49
1,4-Dioxane
Concen: 3.62 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.146 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

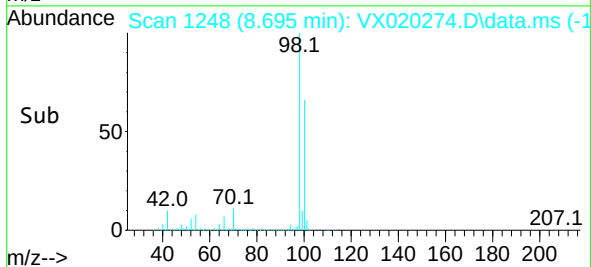
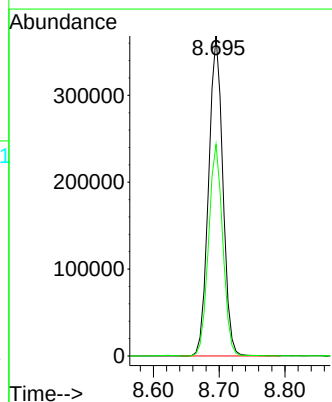
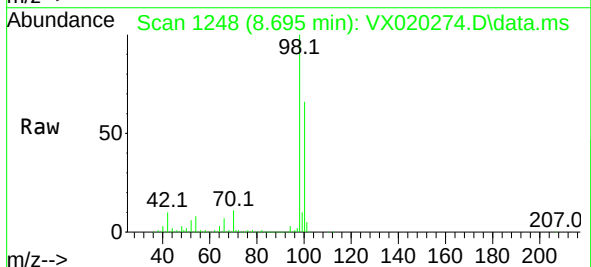
Instrument :
MSVOA_X
ClientSampleId :

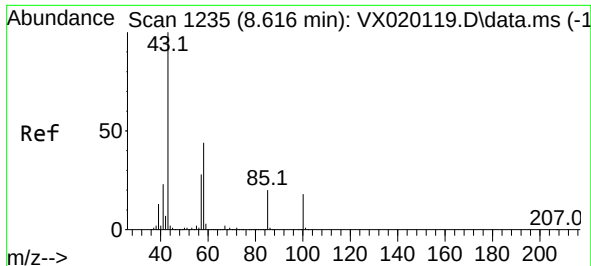
Tgt Ion: 88 Resp: 296
Ion Ratio Lower Upper
88 100
43 496327.4 23.2 34.8#
58 2594.6 55.0 82.4#



#50
Toluene-d8
Concen: 51.26 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 98 Resp: 554449
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

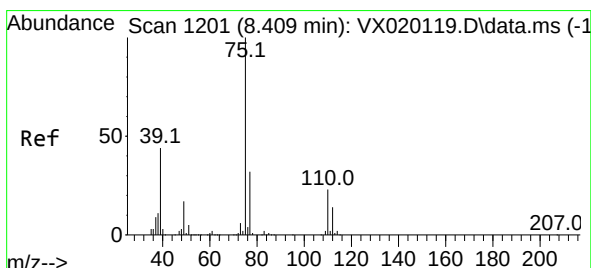
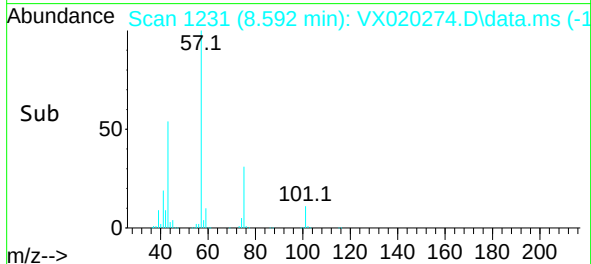
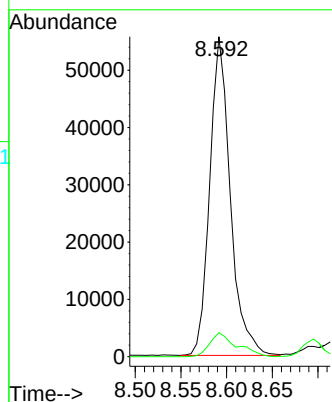
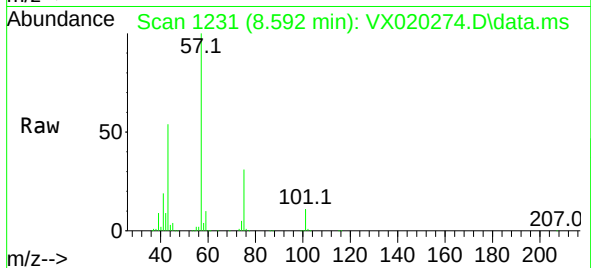




#51
4-Methyl-2-Pentanone
Concen: 19.72 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

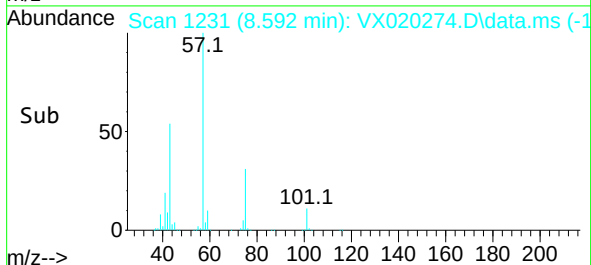
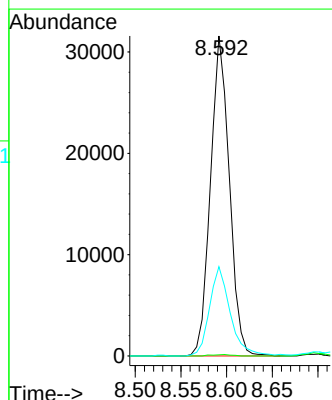
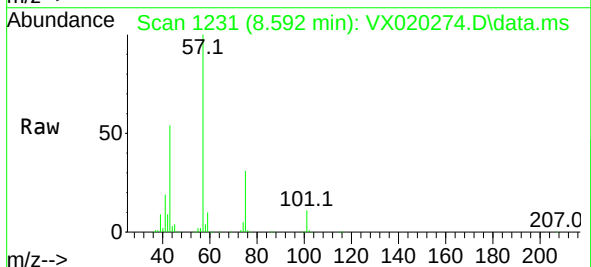
Instrument :
MSVOA_X
ClientSampled :

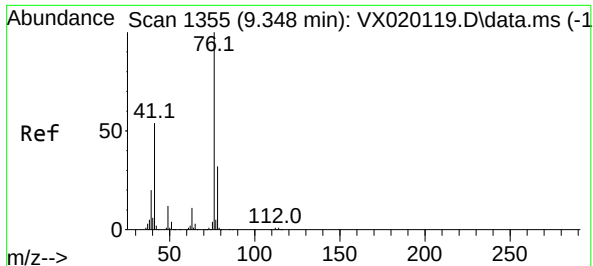
Tgt Ion: 43 Resp: 86969
Ion Ratio Lower Upper
43 100
58 9.9 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.40 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 75 Resp: 45178
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 27.9 35.1 52.7#

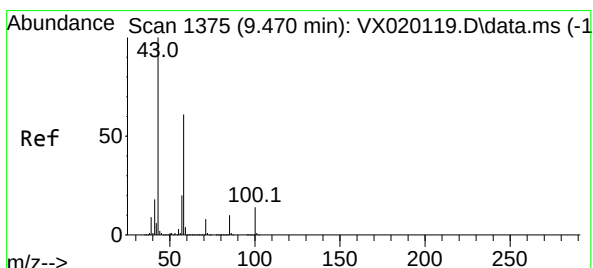
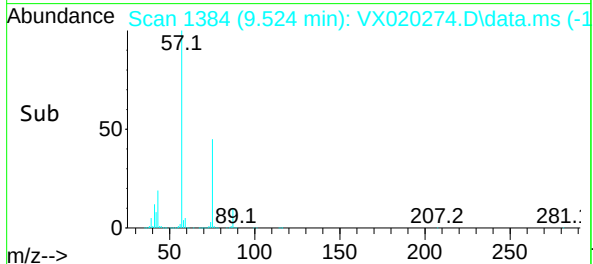
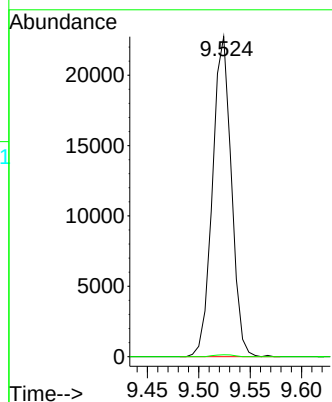
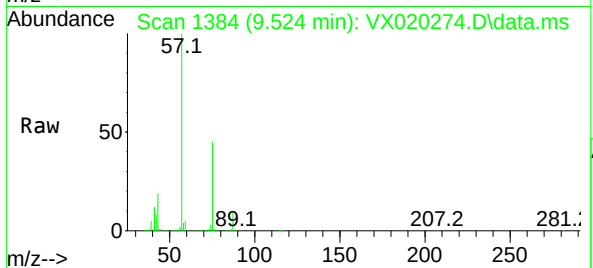




#57
1,3-Dichloropropane
Concen: 5.01 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.176 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

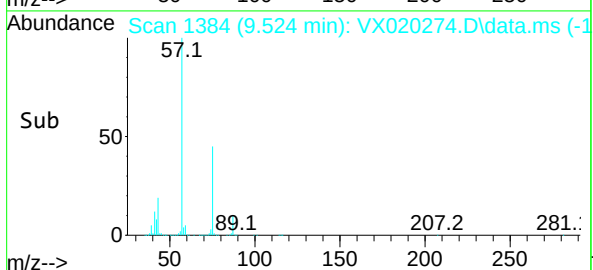
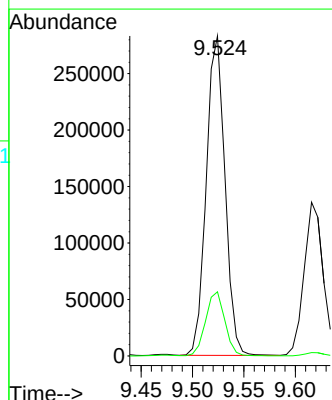
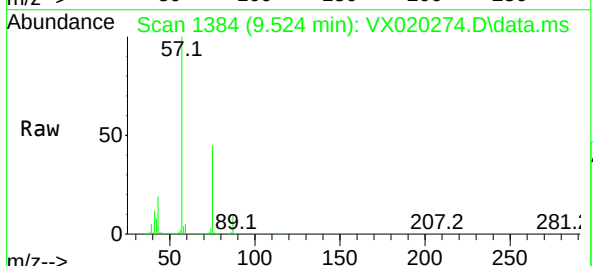
Instrument :
MSVOA_X
ClientSampled :

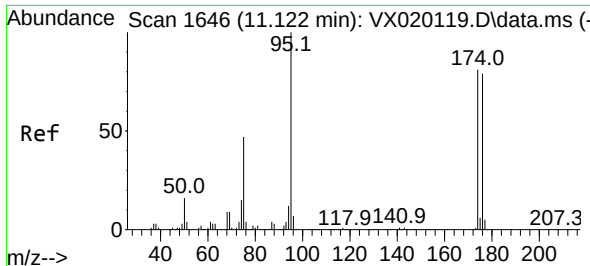
Tgt Ion: 76 Resp: 29002
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#



#59
2-Hexanone
Concen: 106.55 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.054 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 358033
Ion Ratio Lower Upper
43 100
58 20.5 30.9 92.8#

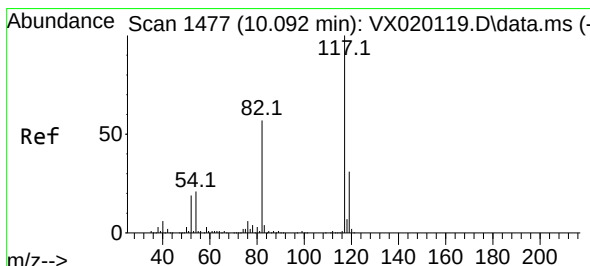
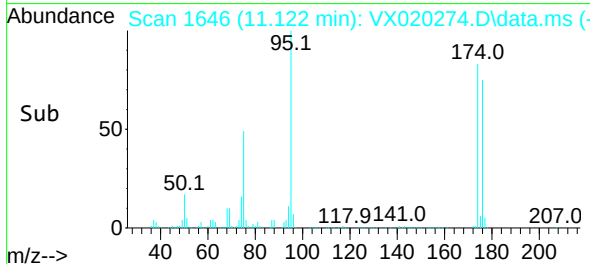
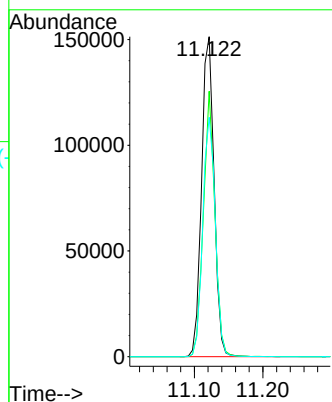
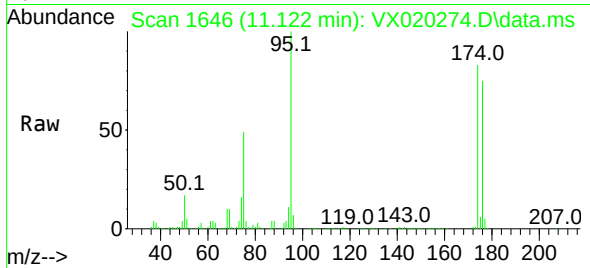




#62
4-Bromofluorobenzene
Concen: 46.49 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

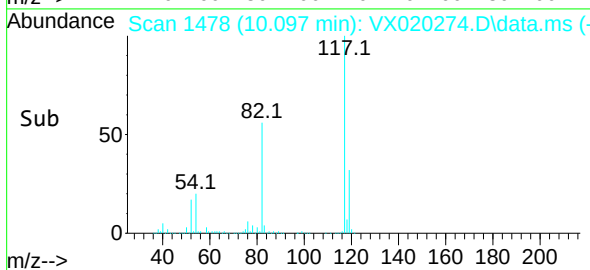
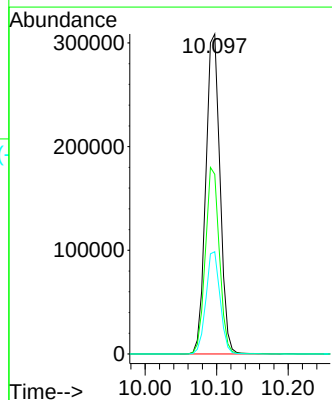
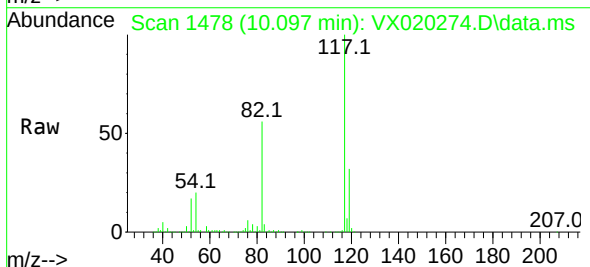
Instrument :
MSVOA_X
ClientSampleId :

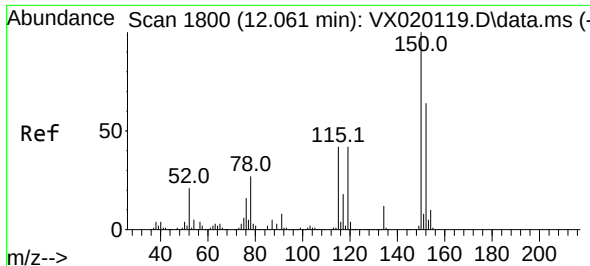
Tgt Ion: 95 Resp: 192465
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 117 Resp: 425865
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.0 26.6 39.8

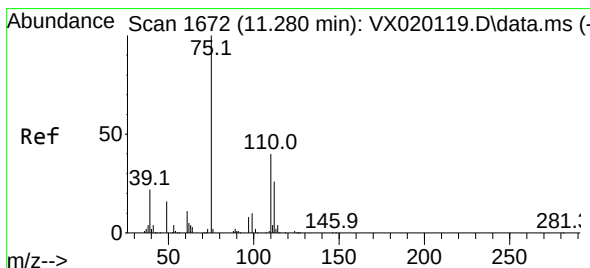
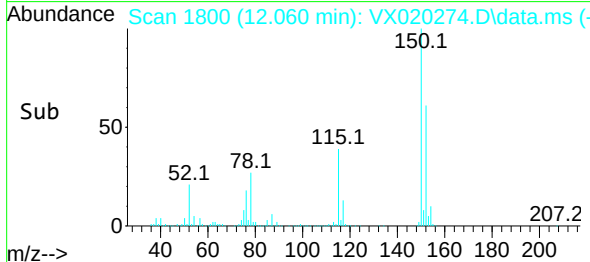
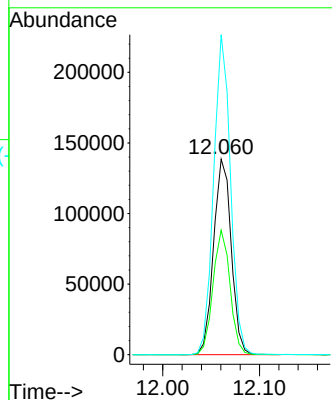
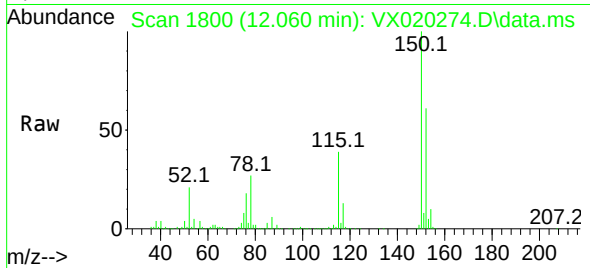




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

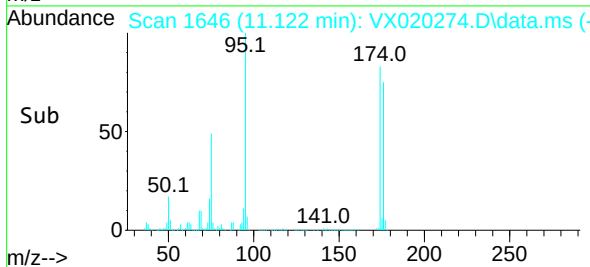
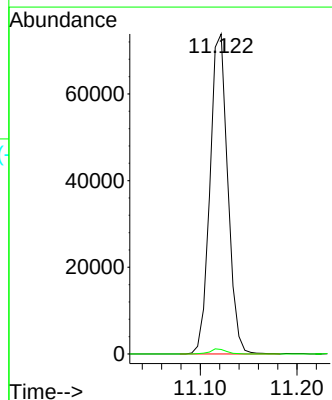
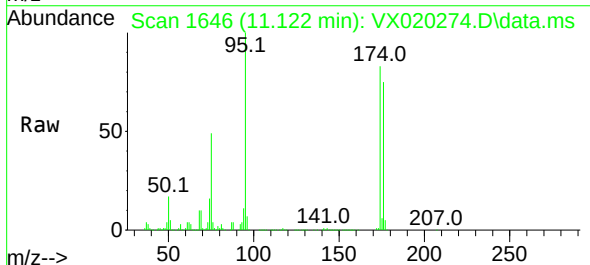
Instrument :
MSVOA_X
ClientSampleId :

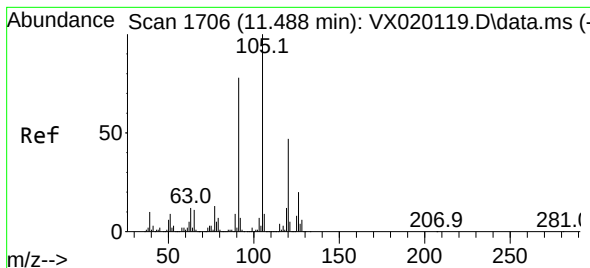
Tgt Ion:152 Resp: 175674
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 156.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.82 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 75 Resp: 94436
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

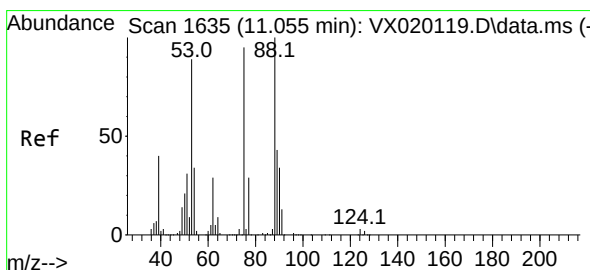
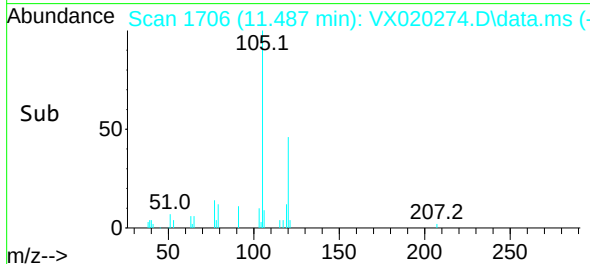
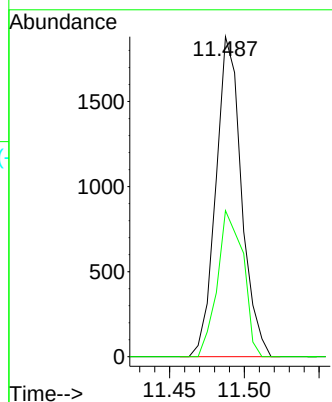
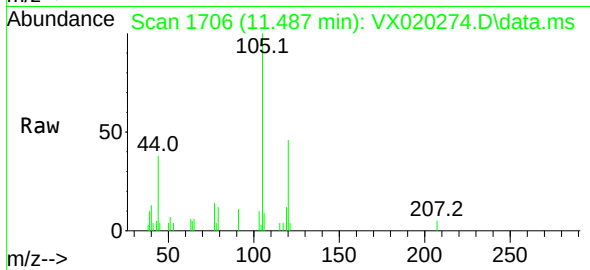




#80
1,3,5-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.487 min Scan# 1706
Delta R.T. -0.001 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2241
Ion Ratio Lower Upper
105 100
120 45.9 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.74 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 75 Resp: 94436
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

