

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121520\
 Data File : VX020016.D
 Acq On : 15 Dec 2020 16:58
 Operator : JC/MD
 Sample : L5052-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6029-121020

Quant Time: Dec 16 00:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	317092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	525257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	473370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	207173	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	199987	47.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.98%		
35) Dibromofluoromethane	5.464	113	163969	48.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.60%		
50) Toluene-d8	8.695	98	634832	48.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.96%		
62) 4-Bromofluorobenzene	11.122	95	223021	45.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.42%		

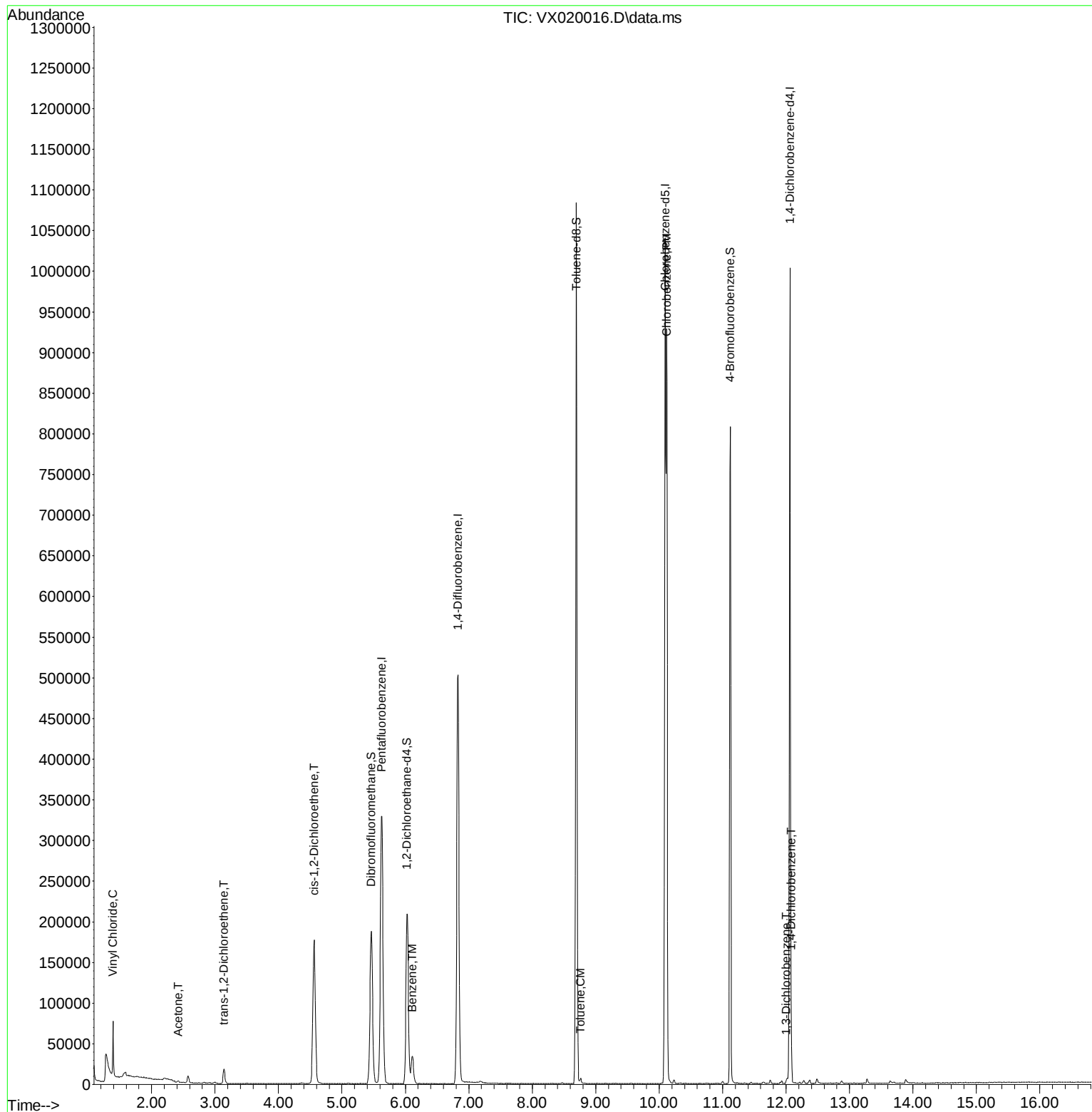
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	38356	10.65	ug/l	94
16) Acetone	2.422	43	1825	1.17	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	7229	2.13	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	118147	29.81	ug/l	90
40) Benzene	6.104	78	41341	2.85	ug/l	97
52) Toluene	8.763	92	2019	0.22	ug/l	98
65) Chlorobenzene	10.122	112	396010	41.99	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	1469	0.22	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	13617	2.01	ug/l	85

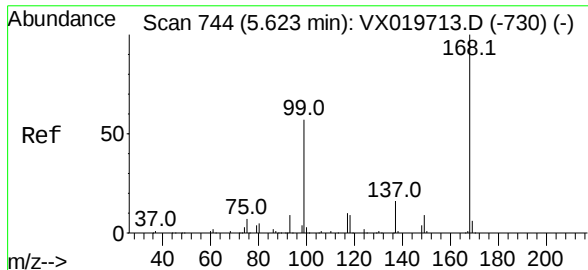
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

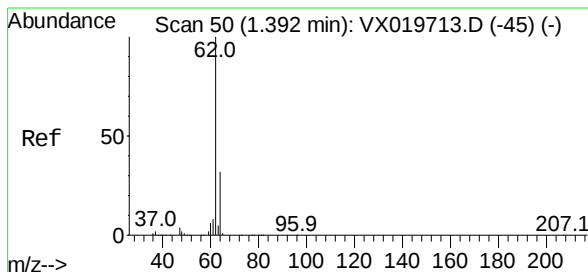
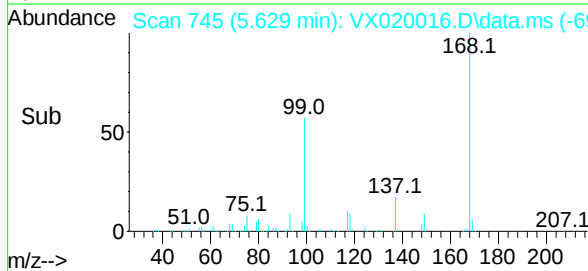
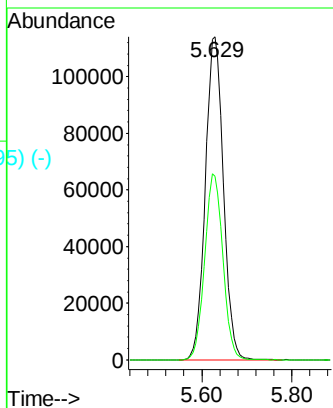
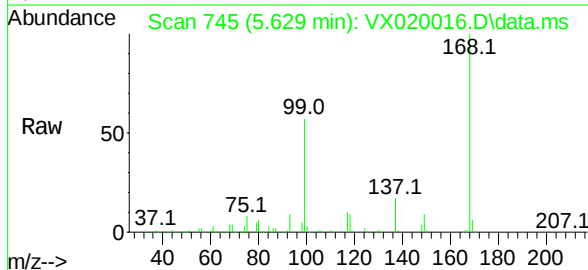




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

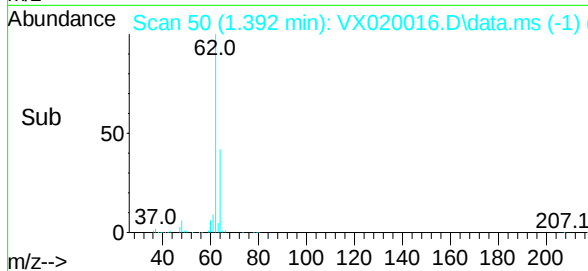
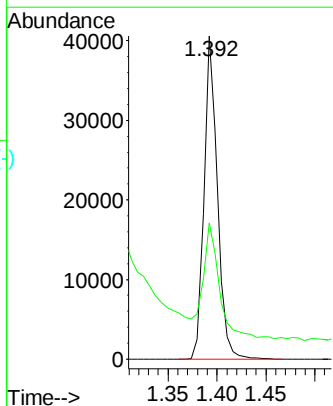
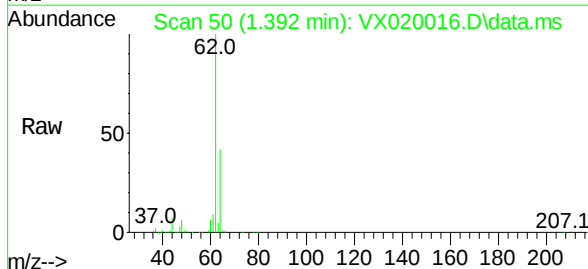
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6029-121020

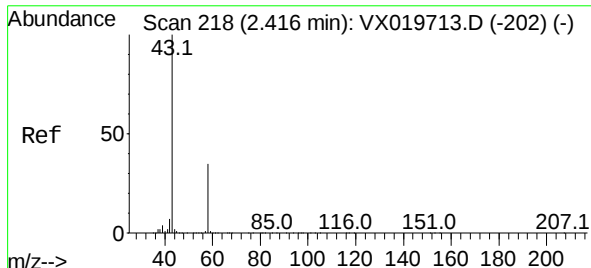
Tgt Ion:168 Resp: 317092
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#4
Vinyl Chloride
Concen: 10.65 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

Tgt Ion: 62 Resp: 38356
Ion Ratio Lower Upper
62 100
64 35.4 25.7 38.5





#16

Acetone

Concen: 1.17 ug/l

RT: 2.422 min Scan# 219

Delta R.T. 0.006 min

Lab File: VX020016.D

Acq: 15 Dec 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

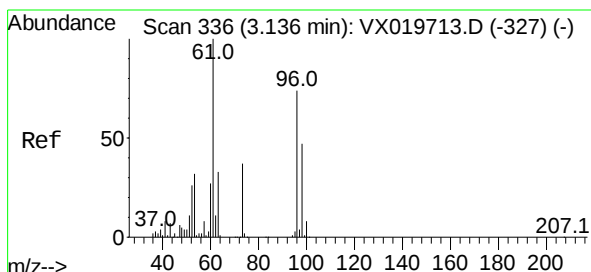
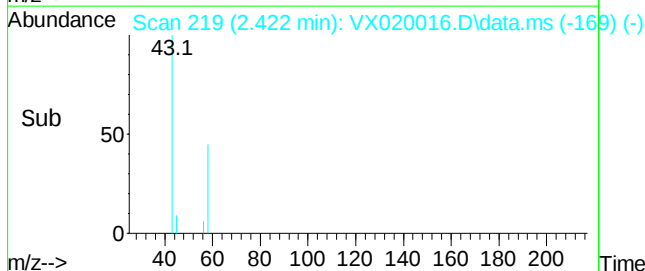
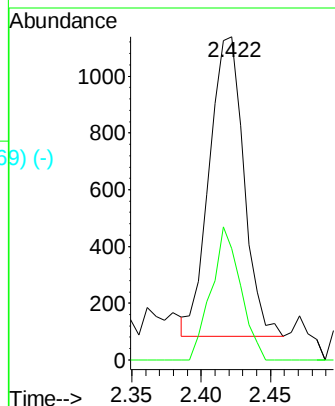
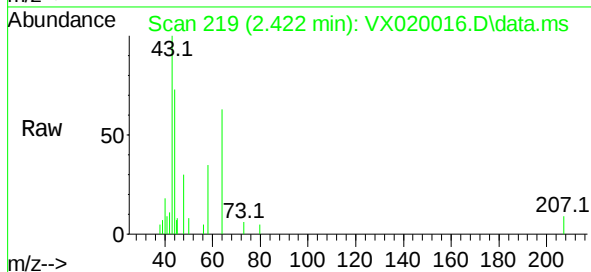
TU032-32-6029-121020

Tgt Ion: 43 Resp: 1825

Ion Ratio Lower Upper

43 100

58 37.3 27.8 41.8



#21

trans-1,2-Dichloroethene

Concen: 2.13 ug/l

RT: 3.142 min Scan# 337

Delta R.T. 0.006 min

Lab File: VX020016.D

Acq: 15 Dec 2020 16:58

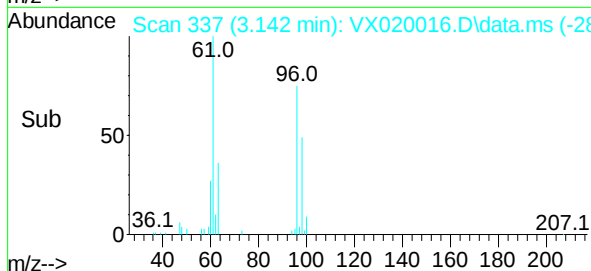
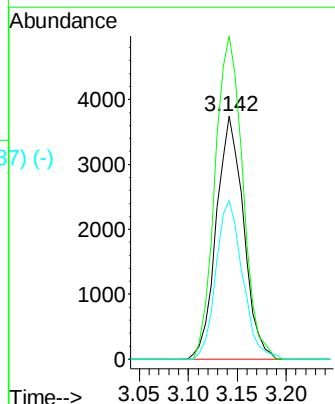
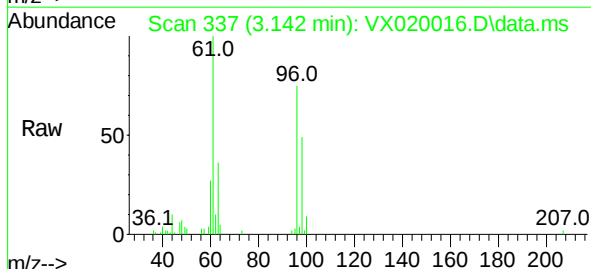
Tgt Ion: 96 Resp: 7229

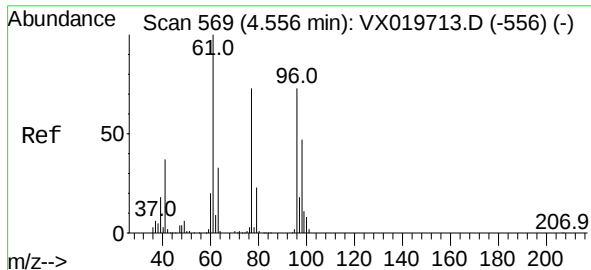
Ion Ratio Lower Upper

96 100

61 132.8 107.7 161.5

98 65.1 50.4 75.6

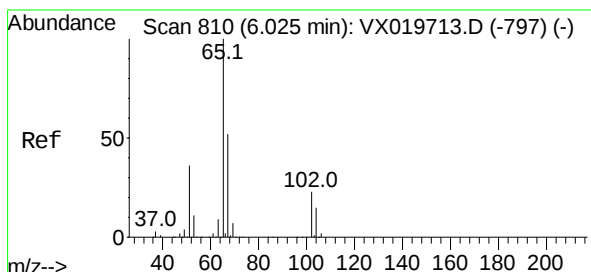
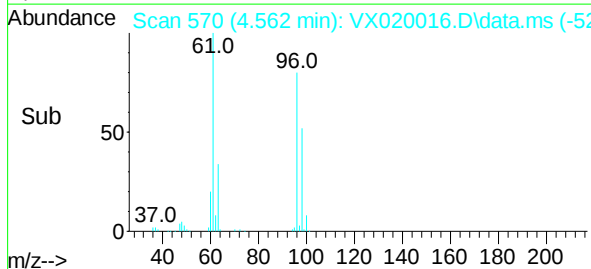
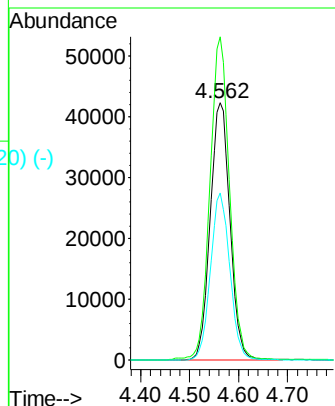
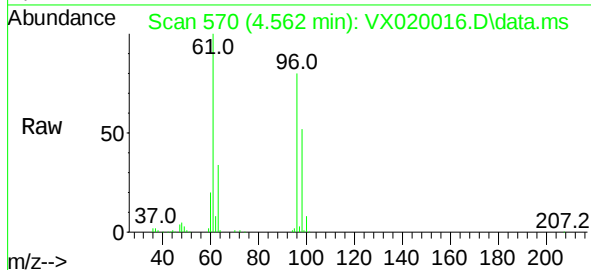




#27
 cis-1,2-Dichloroethene
 Concen: 29.81 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020016.D
 Acq: 15 Dec 2020 16:58

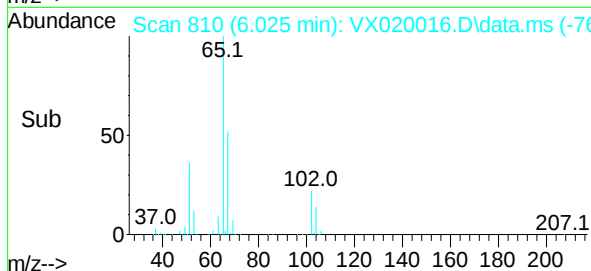
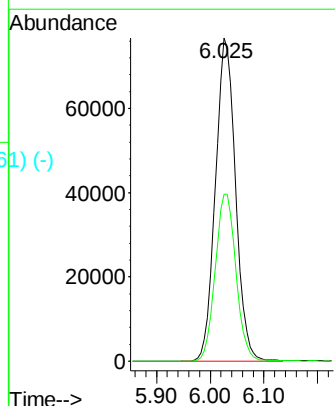
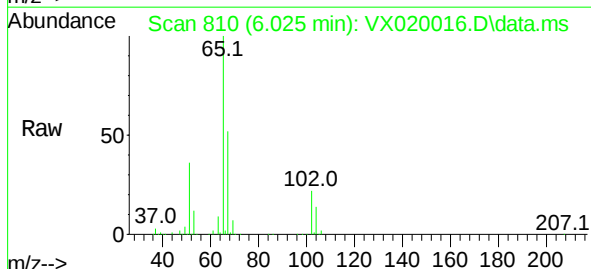
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6029-121020

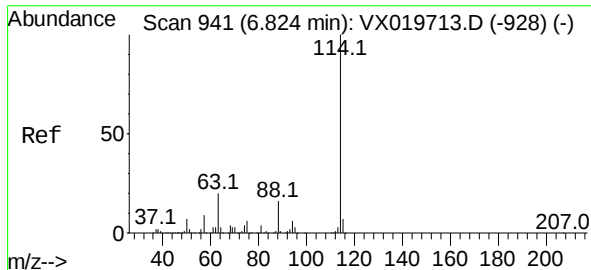
Tgt Ion: 96 Resp: 118147
 Ion Ratio Lower Upper
 96 100
 61 124.9 0.0 285.6
 98 63.6 0.0 129.6



#33
 1,2-Dichloroethane-d4
 Concen: 47.99 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. -0.000 min
 Lab File: VX020016.D
 Acq: 15 Dec 2020 16:58

Tgt Ion: 65 Resp: 199987
 Ion Ratio Lower Upper
 65 100
 67 53.3 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: VX020016.D

Acq: 15 Dec 2020 16:58

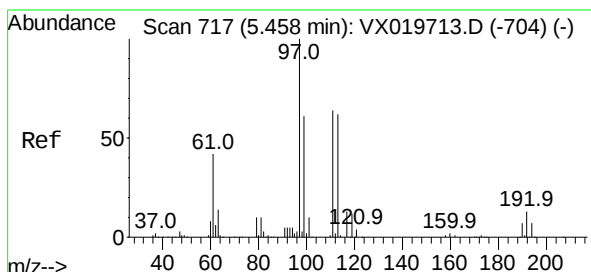
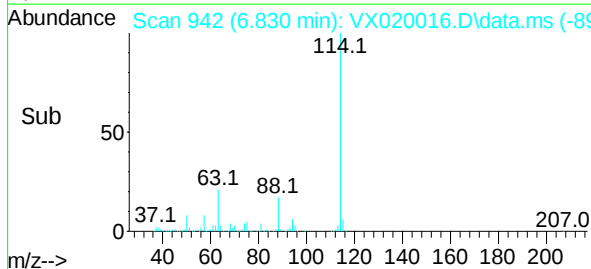
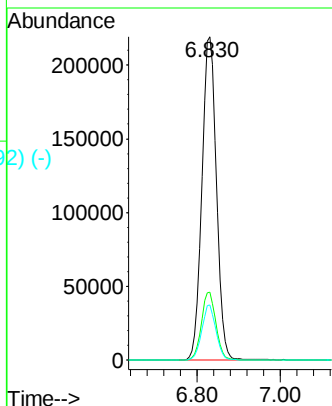
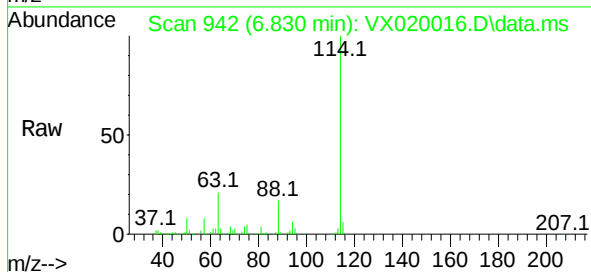
Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6029-121020

Tgt Ion:114	Resp: 525257
Ion Ratio	Lower Upper
114 100	
63 21.0	0.0 40.8
88 17.0	0.0 32.8



#35

Dibromofluoromethane

Concen: 48.30 ug/l

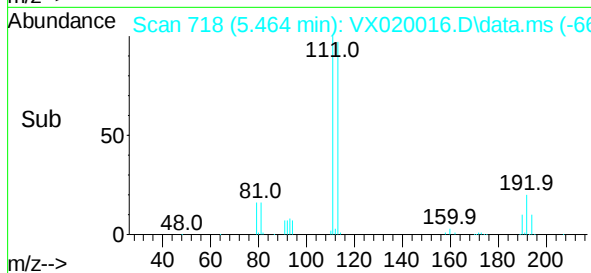
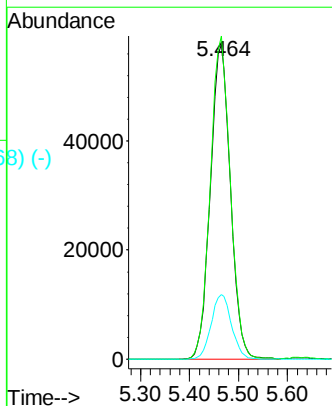
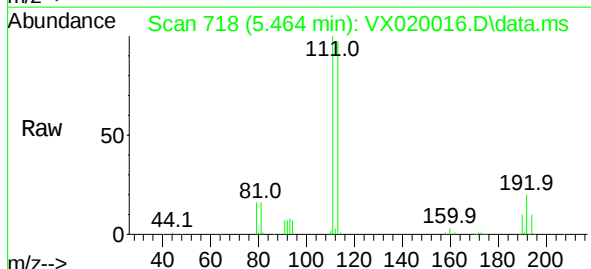
RT: 5.464 min Scan# 718

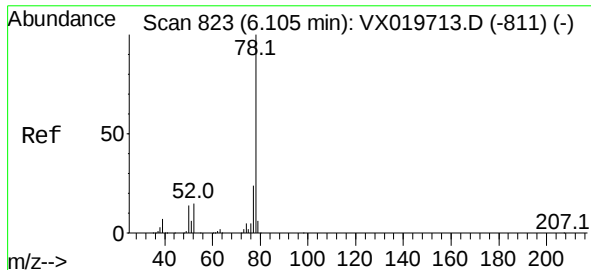
Delta R.T. 0.006 min

Lab File: VX020016.D

Acq: 15 Dec 2020 16:58

Tgt Ion:113	Resp: 163969
Ion Ratio	Lower Upper
113 100	
111 102.2	81.9 122.9
192 20.7	16.7 25.1

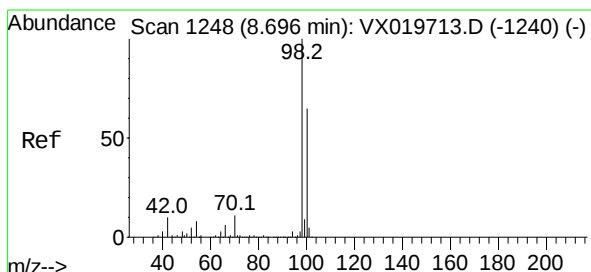
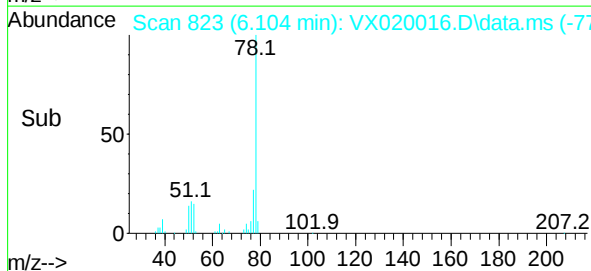
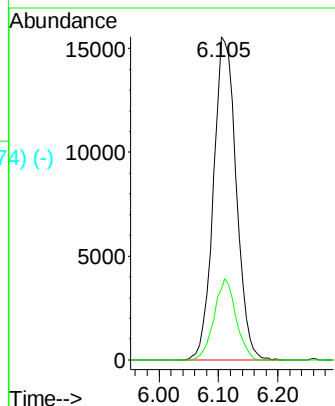
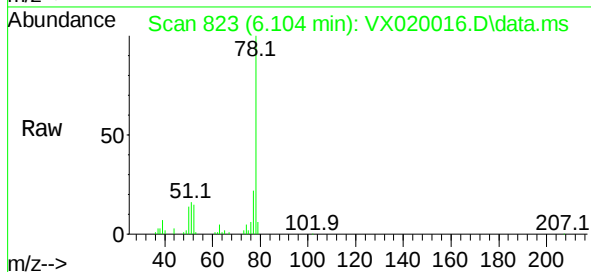




#40
Benzene
Concen: 2.85 ug/l
RT: 6.104 min Scan# 823
Delta R.T. -0.000 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

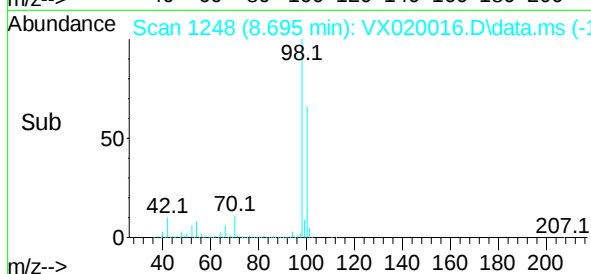
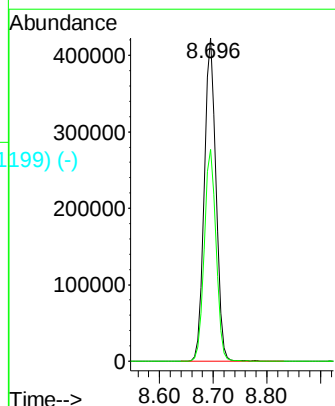
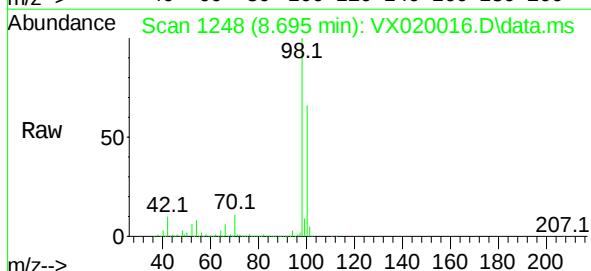
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ClientSampleId :
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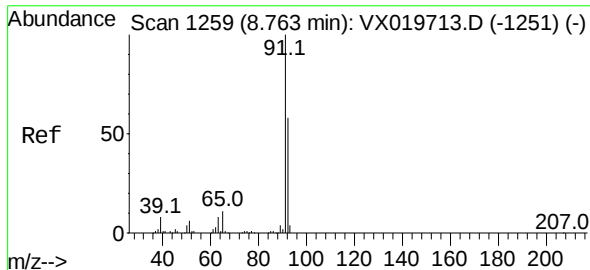
Tgt Ion: 78 Resp: 41341
Ion Ratio Lower Upper
78 100
77 22.0 18.9 28.3



#50
Toluene-d8
Concen: 48.98 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

Tgt Ion: 98 Resp: 634832
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

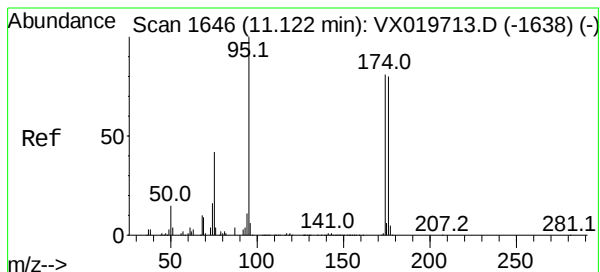
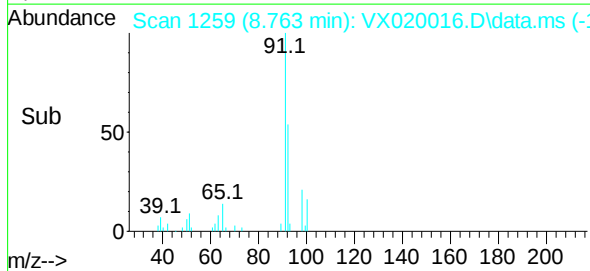
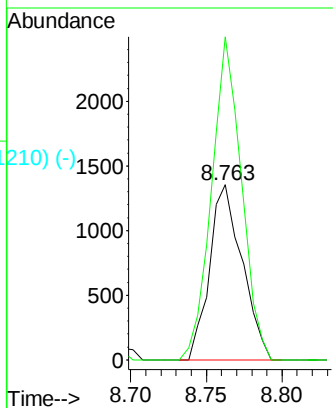
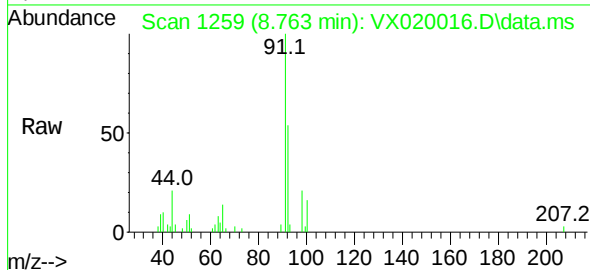




#52
Toluene
Concen: 0.22 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

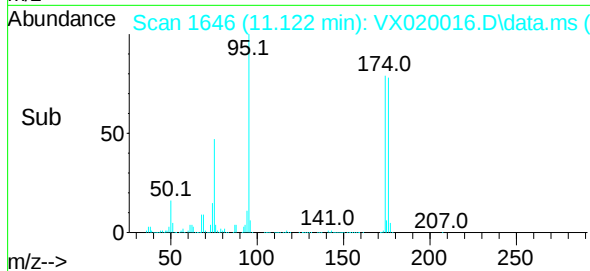
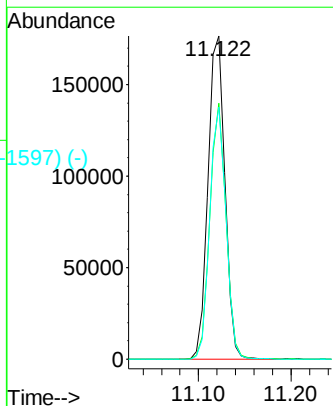
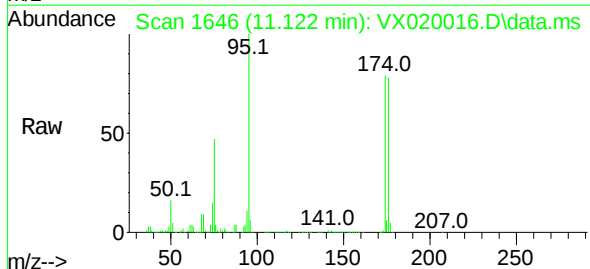
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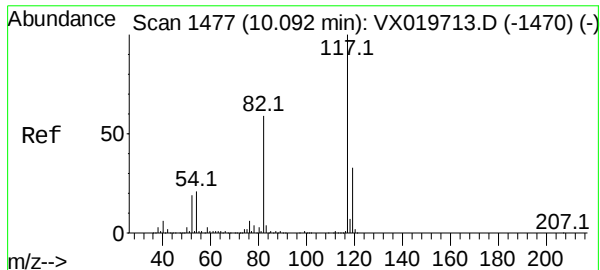
Tgt Ion: 92 Resp: 2019
Ion Ratio Lower Upper
92 100
91 169.1 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

Tgt Ion: 95 Resp: 223021
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 74.8 0.0 155.8

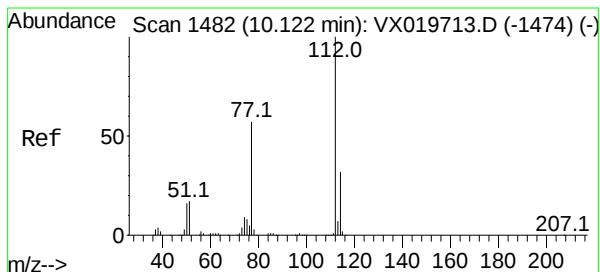
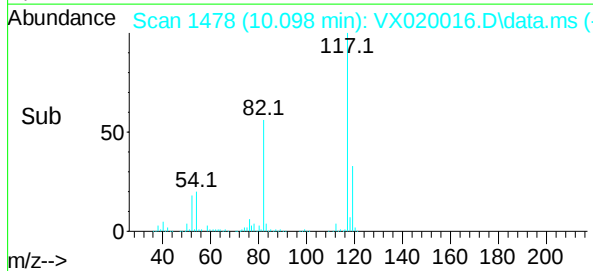
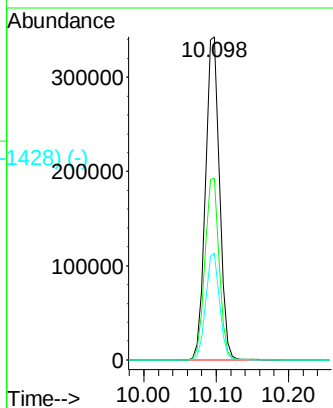
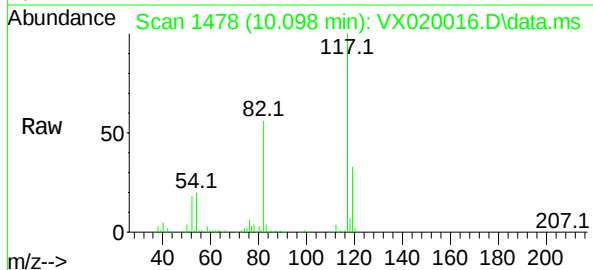




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

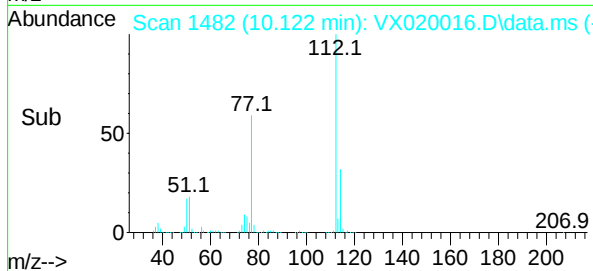
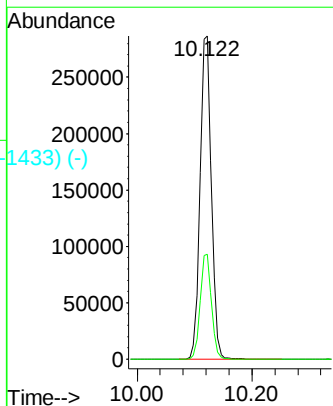
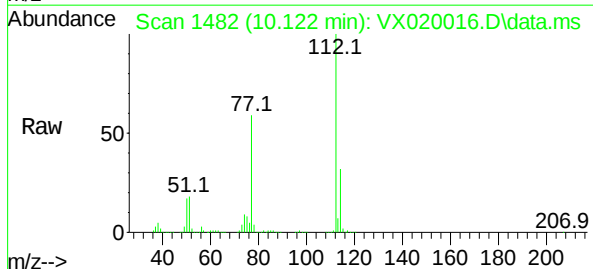
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6029-121020

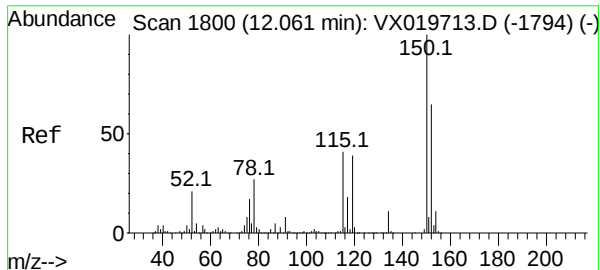
Tgt Ion:	117	Resp:	473370
Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.4	71.2
119	33.1	26.6	39.8



#65
Chlorobenzene
Concen: 41.99 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

Tgt Ion:	112	Resp:	396010
Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.6

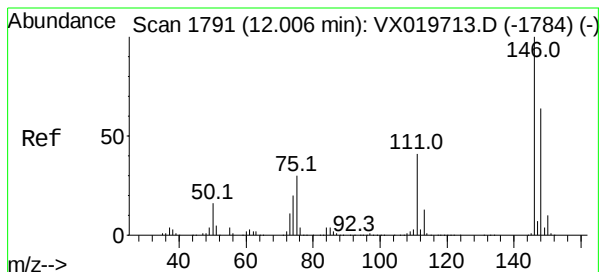
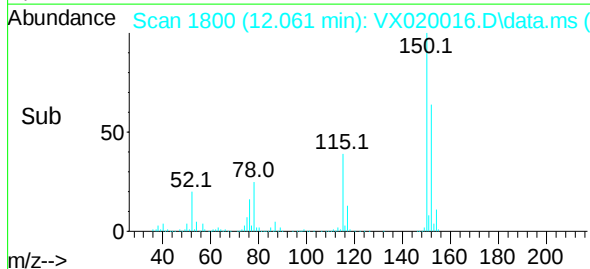
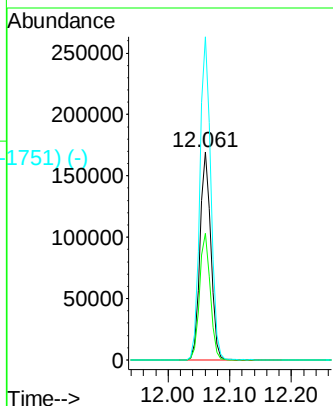
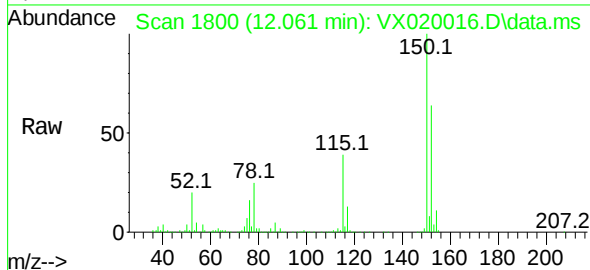




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

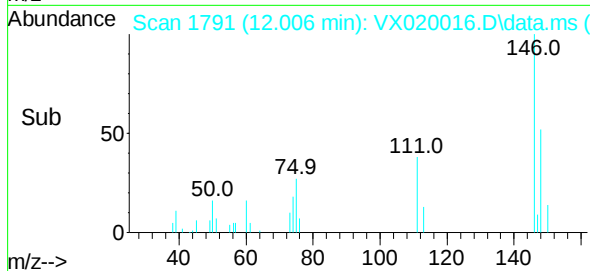
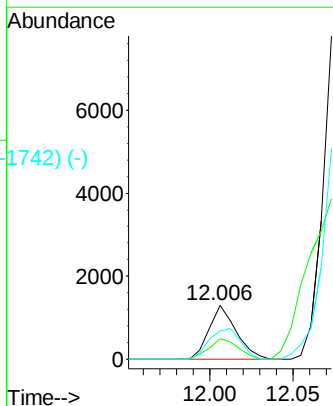
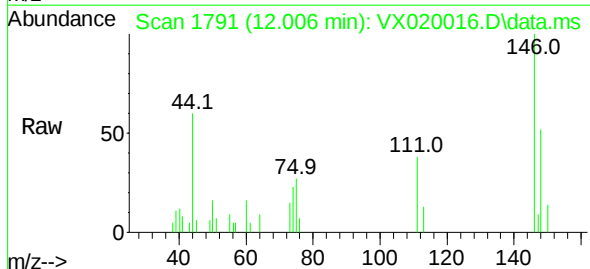
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6029-121020

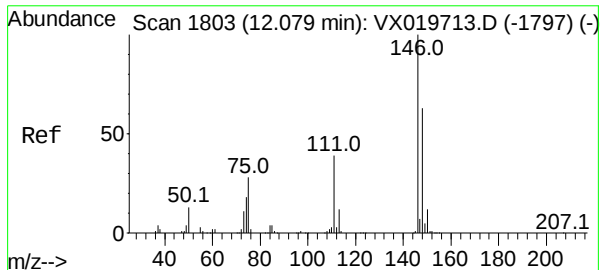
Tgt Ion:152 Resp: 207173
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.6 0.0 349.0



#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX020016.D
Acq: 15 Dec 2020 16:58

Tgt Ion:146 Resp: 1469
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.5
148 65.8 31.9 95.7





#88
 1,4-Dichlorobenzene
 Concen: 2.01 ug/l
 RT: 12.079 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VX020016.D
 Acq: 15 Dec 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6029-121020

Tgt Ion:	146	Resp:	13617
Ion	Ratio	Lower	Upper
146	100		
111	58.0	19.6	58.8
148	67.2	31.6	95.0

