

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121520\
 Data File : VX020014.D
 Acq On : 15 Dec 2020 16:11
 Operator : JC/MD
 Sample : L5052-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-FD04-121020

Quant Time: Dec 16 00:23:48 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)

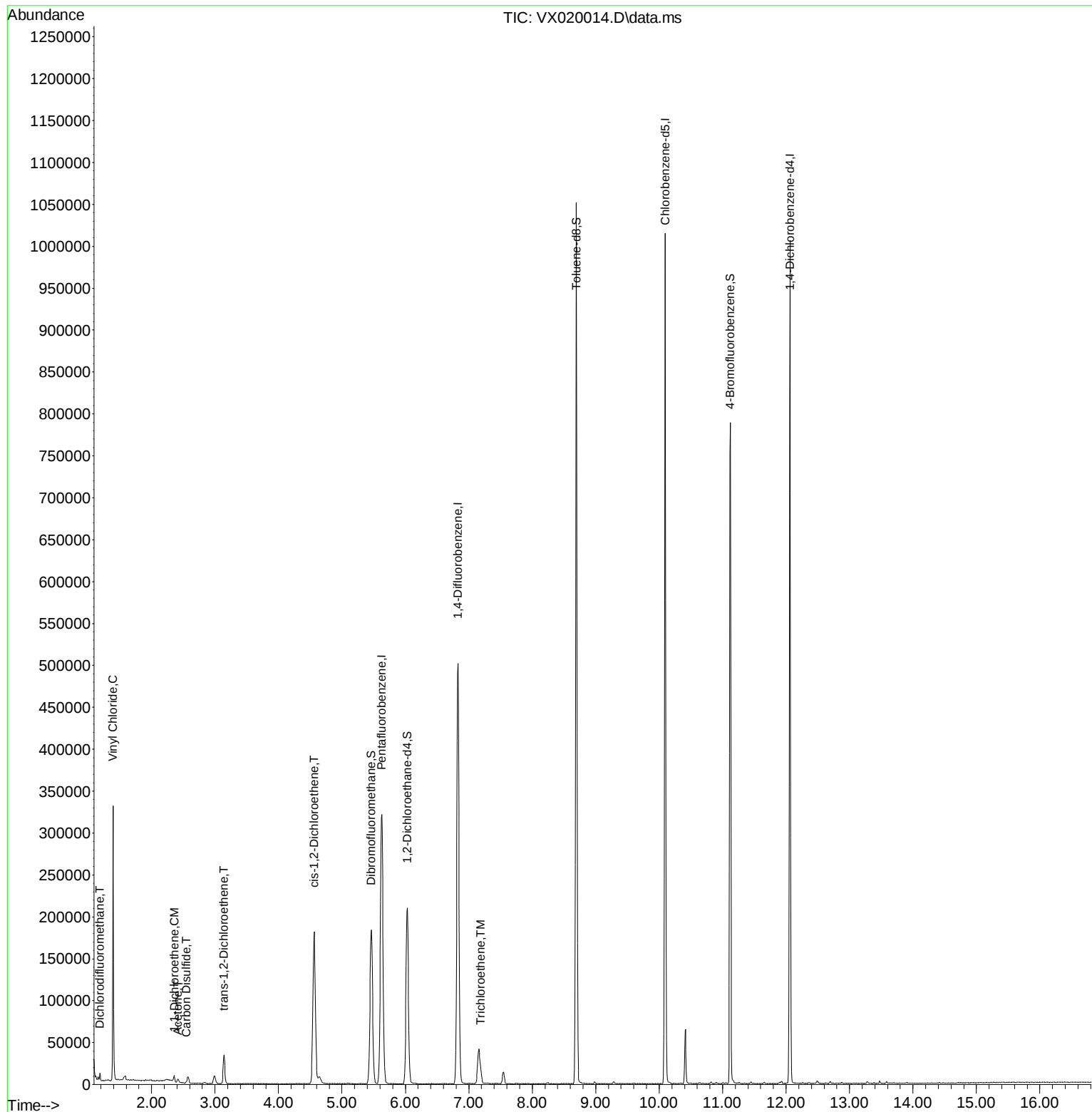
Internal Standards						
1) Pentafluorobenzene	5.629	168	312456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	517182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	474645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	206210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	199973	48.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.40%		
35) Dibromofluoromethane	5.464	113	162316	48.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.12%		
50) Toluene-d8	8.696	98	625701	49.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.06%		
62) 4-Bromofluorobenzene	11.116	95	219713	45.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.48%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	4136	1.45	ug/l	96
4) Vinyl Chloride	1.392	62	194860	54.93	ug/l	100
12) 1,1-Dichloroethene	2.361	96	2804	0.98	ug/l	95
16) Acetone	2.416	43	4334	2.81	ug/l	96
17) Carbon Disulfide	2.550	76	2361	0.29	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	14486	4.34	ug/l	95
27) cis-1,2-Dichloroethene	4.562	96	120499	30.85	ug/l	90
44) Trichloroethene	7.190	130	4306	1.15	ug/l	97

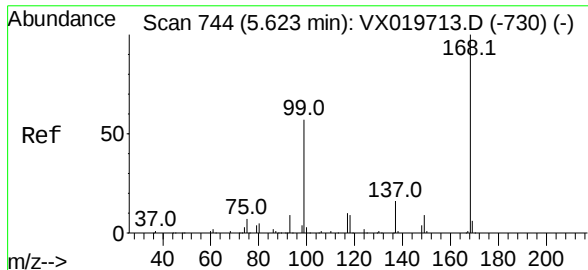
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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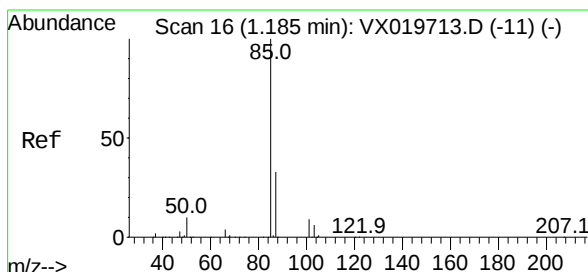
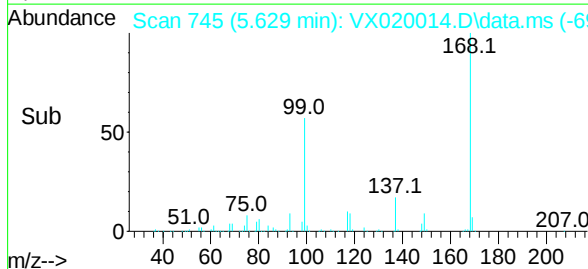
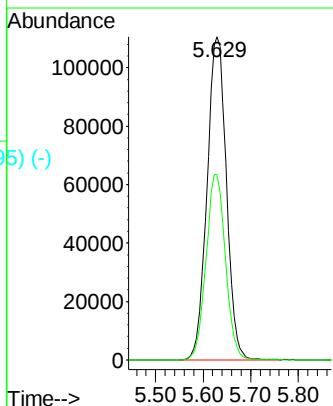
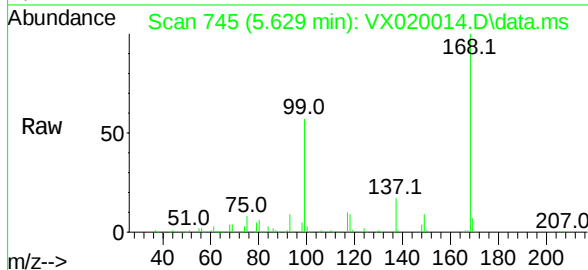




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

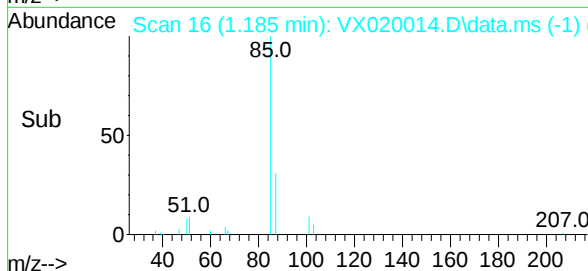
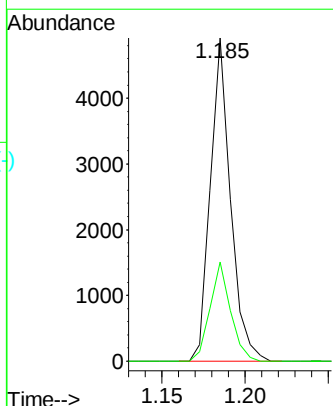
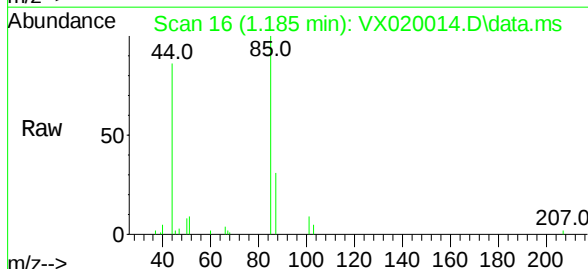
Instrument :
MSVOA_X
ClientSampleId :
TU032-FD04-121020

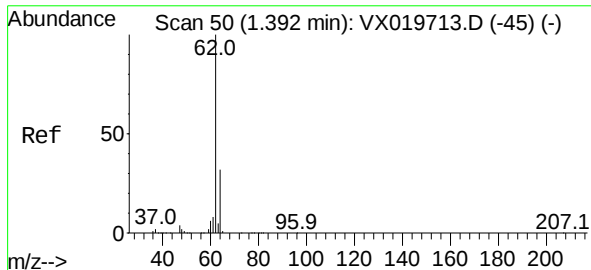
Tgt Ion:168 Resp: 312456
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.45 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

Tgt Ion: 85 Resp: 4136
Ion Ratio Lower Upper
85 100
87 30.8 16.4 49.2

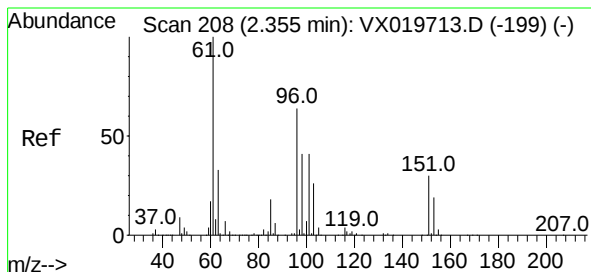
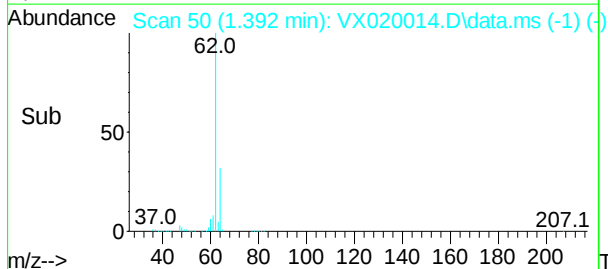
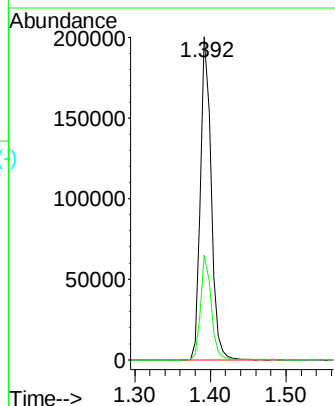
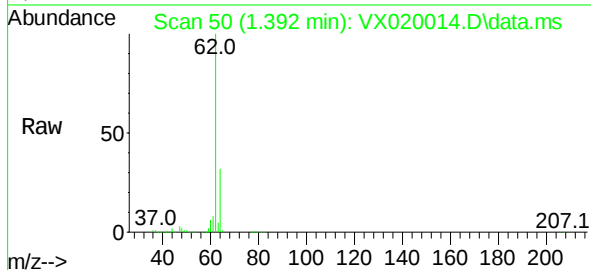




#4
 Vinyl Chloride
 Concen: 54.93 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020014.D
 Acq: 15 Dec 2020 16:11

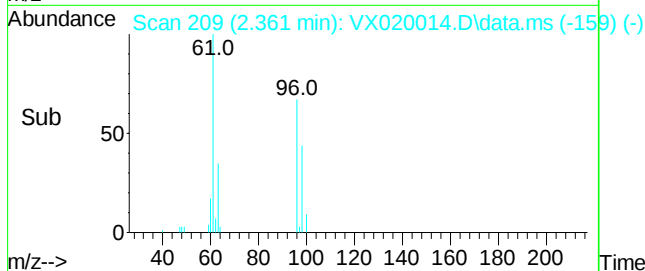
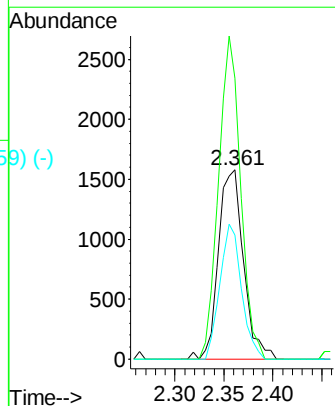
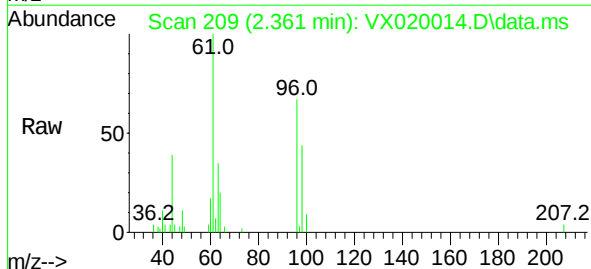
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-FD04-121020

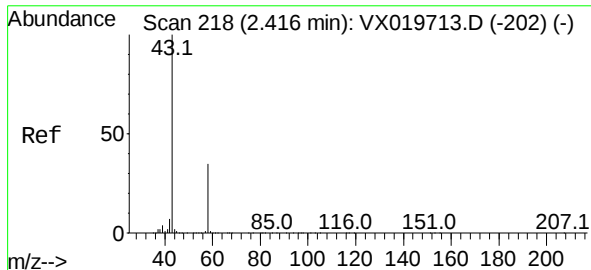
Tgt Ion: 62 Resp: 194860
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.7 38.5



#12
 1,1-Dichloroethene
 Concen: 0.98 ug/l
 RT: 2.361 min Scan# 209
 Delta R.T. 0.006 min
 Lab File: VX020014.D
 Acq: 15 Dec 2020 16:11

Tgt Ion: 96 Resp: 2804
 Ion Ratio Lower Upper
 96 100
 61 148.4 124.6 187.0
 98 65.6 50.6 76.0

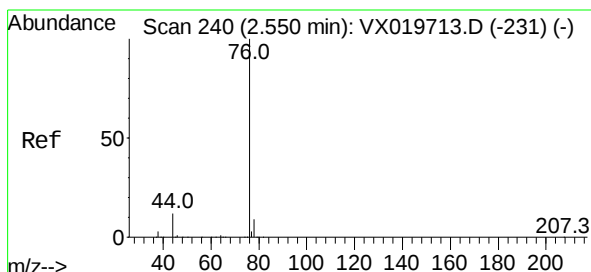
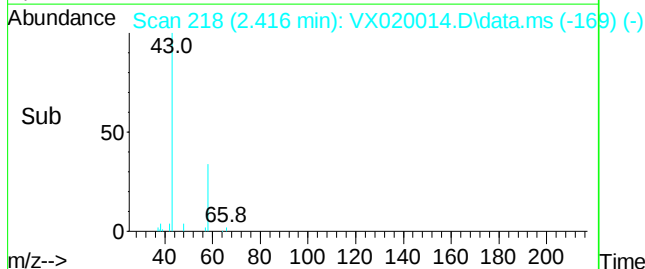
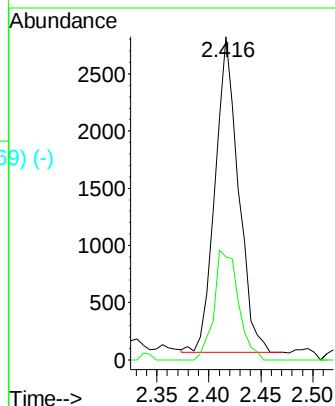
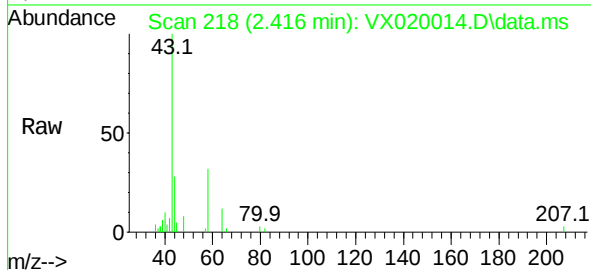




#16
Acetone
Concen: 2.81 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

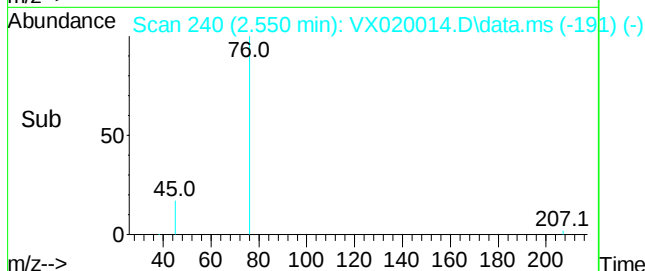
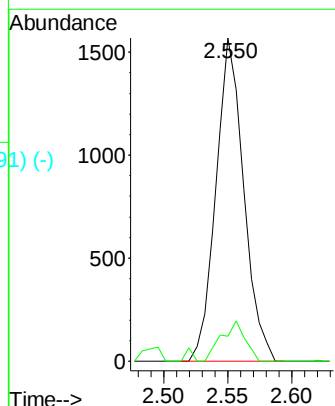
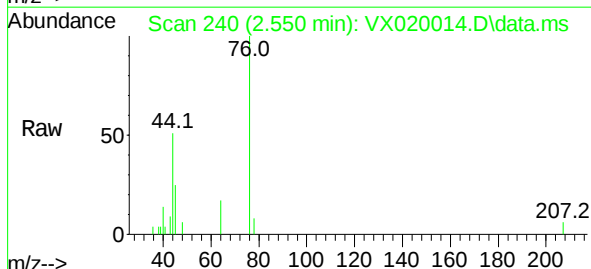
Instrument :
MSVOA_X
ClientSampleId :
TU032-FD04-121020

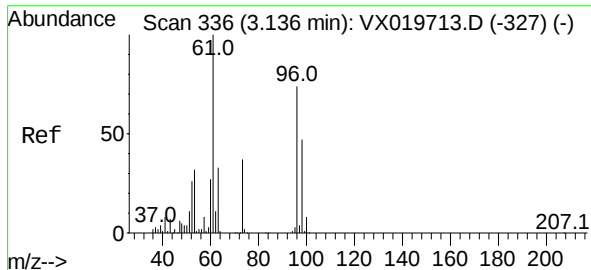
Tgt Ion: 43 Resp: 4334
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.29 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

Tgt Ion: 76 Resp: 2361
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8



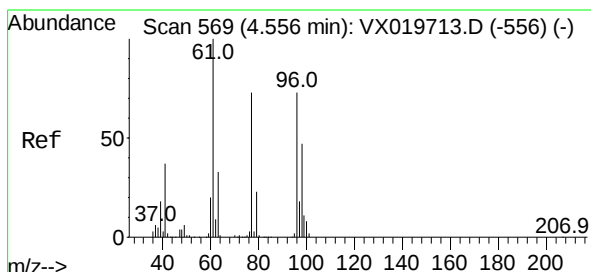
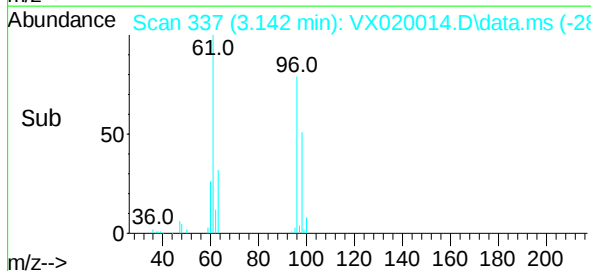
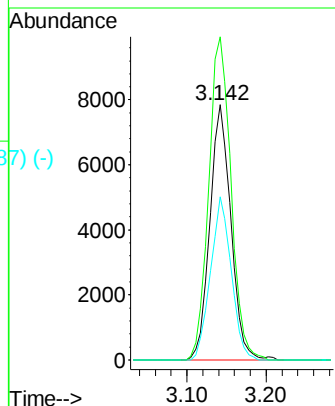
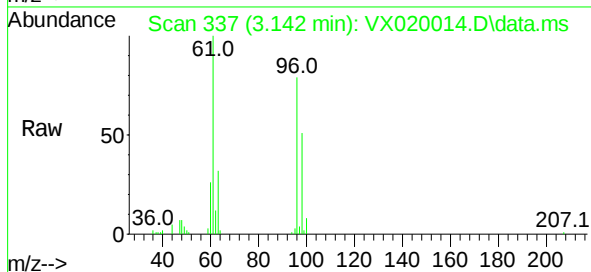


#21

trans-1,2-Dichloroethene
Concen: 4.34 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.006 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
TU032-FD04-121020

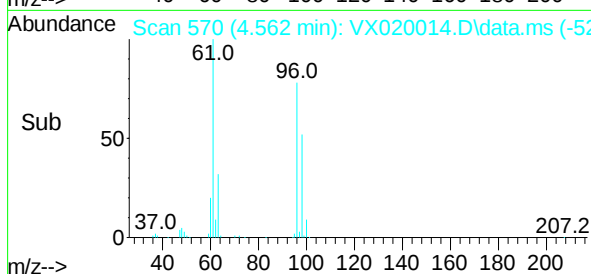
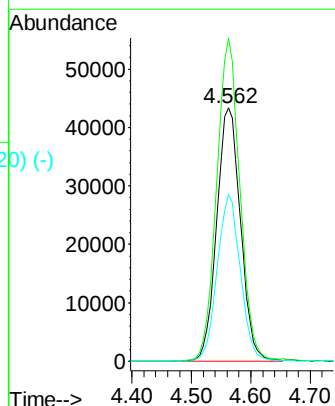
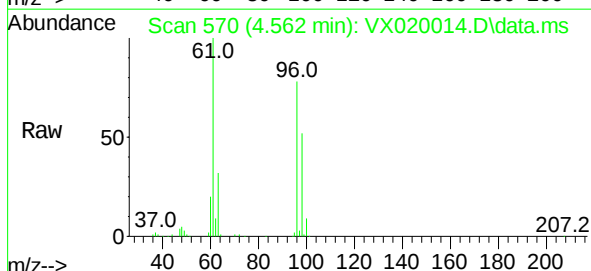
Tgt Ion:	96	Resp:	14486
Ion	Ratio	Lower	Upper
96	100		
61	126.6	107.7	161.5
98	64.0	50.4	75.6

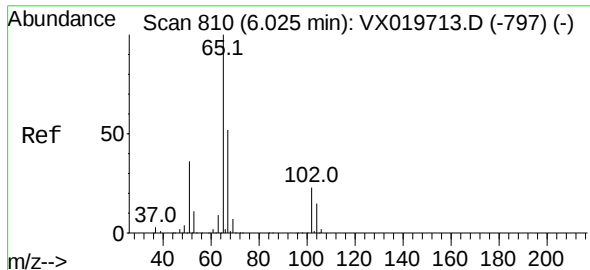


#27

cis-1,2-Dichloroethene
Concen: 30.85 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

Tgt Ion:	96	Resp:	120499
Ion	Ratio	Lower	Upper
96	100		
61	125.0	0.0	285.6
98	63.9	0.0	129.6

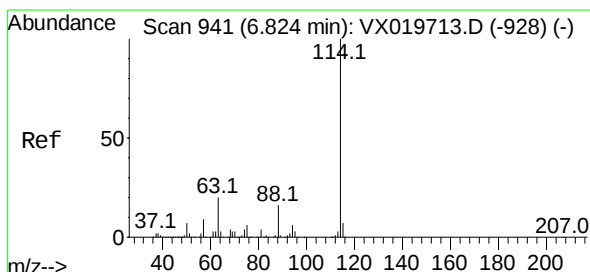
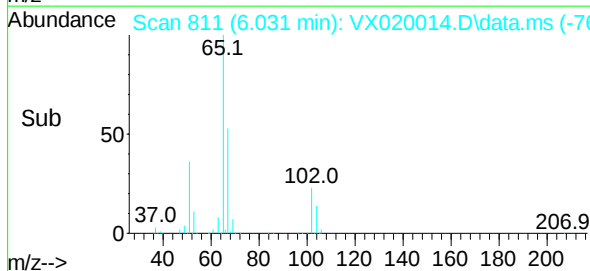
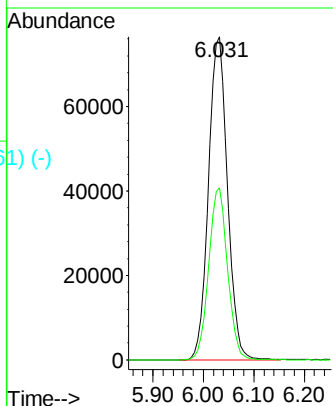
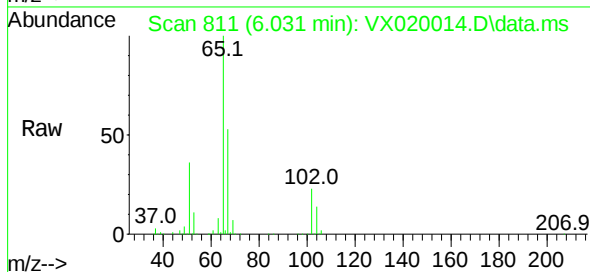




#33
 1,2-Dichloroethane-d4
 Concen: 48.70 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020014.D
 Acq: 15 Dec 2020 16:11

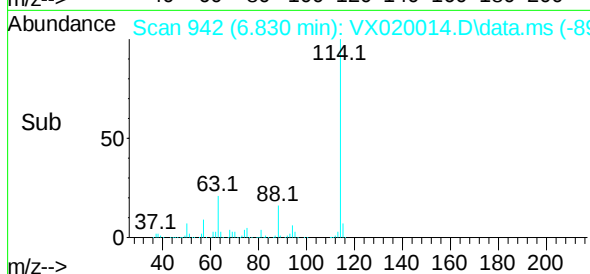
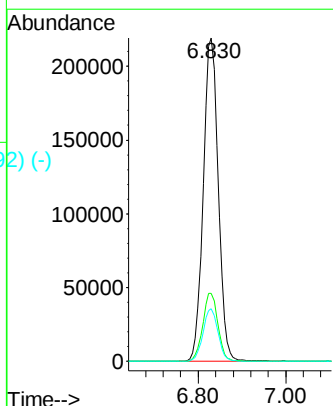
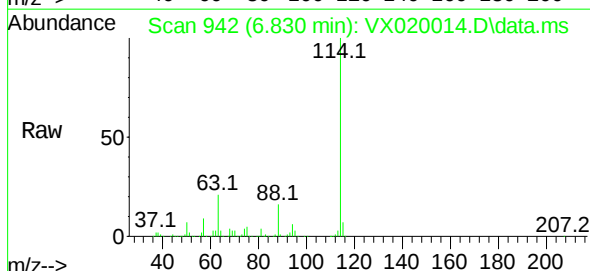
Instrument :
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 ClientSampleId :
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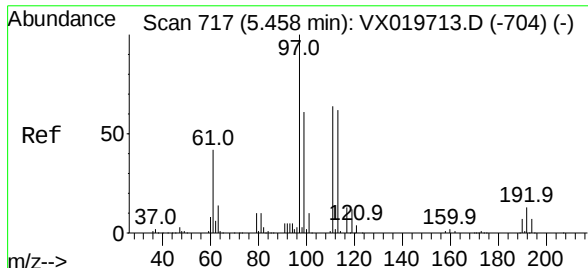
Tgt Ion: 65 Resp: 199973
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020014.D
 Acq: 15 Dec 2020 16:11

Tgt Ion:114 Resp: 517182
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.2 0.0 32.8

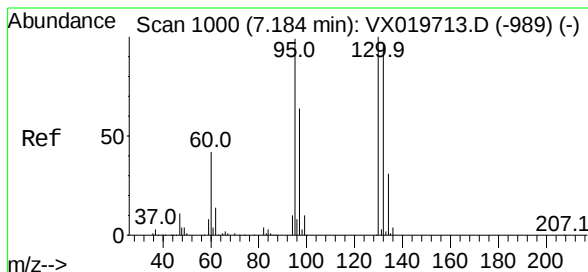
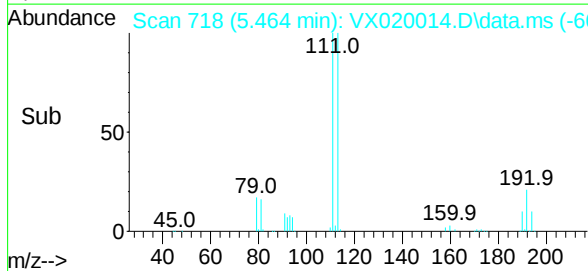
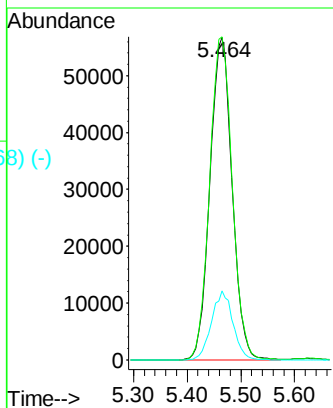
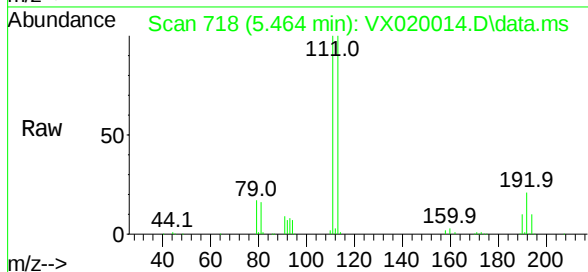




#35
Dibromofluoromethane
Concen: 48.56 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

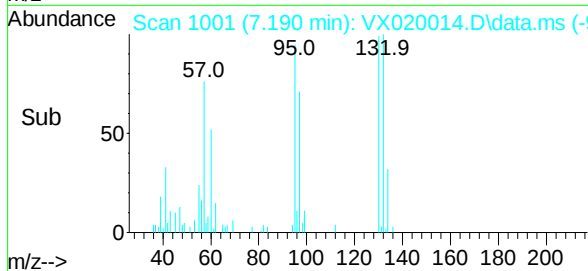
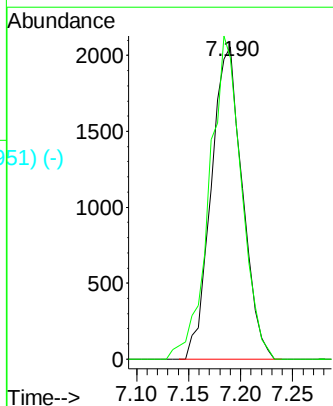
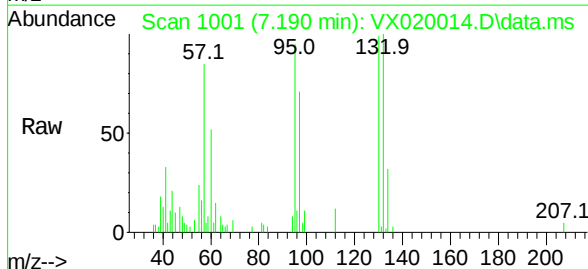
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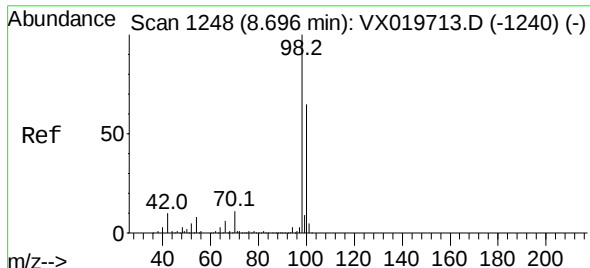
Tgt Ion:113 Resp: 162316
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.6 16.7 25.1



#44
Trichloroethene
Concen: 1.15 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

Tgt Ion:130 Resp: 4306
Ion Ratio Lower Upper
130 100
95 96.4 0.0 198.0

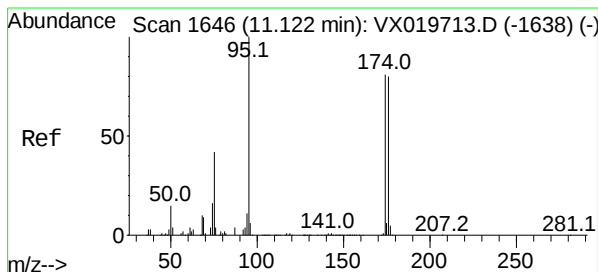
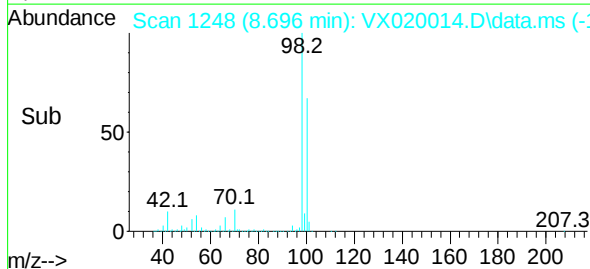
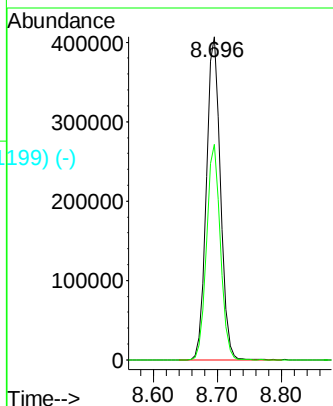
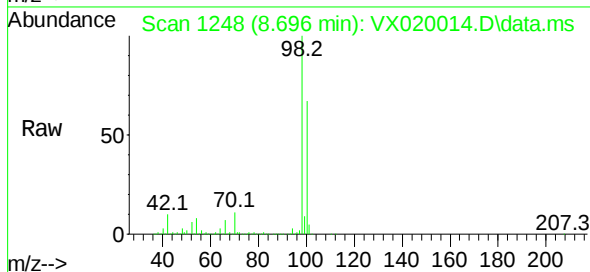




#50
Toluene-d8
Concen: 49.03 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

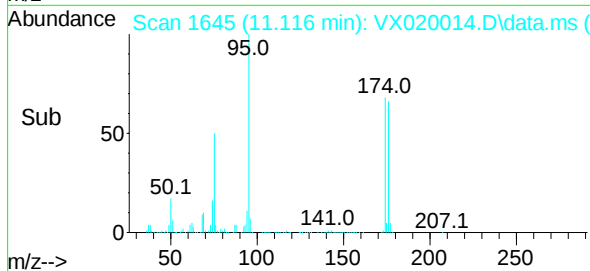
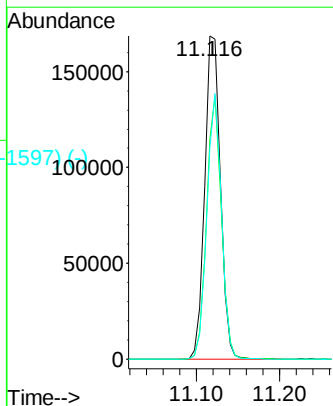
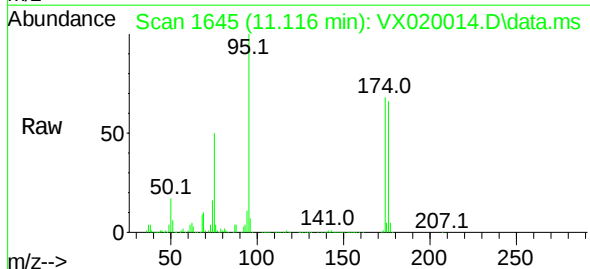
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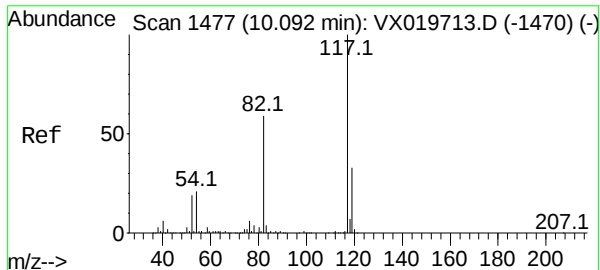
Tgt Ion: 98 Resp: 625701
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.24 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

Tgt Ion: 95 Resp: 219713
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 76.3 0.0 155.8

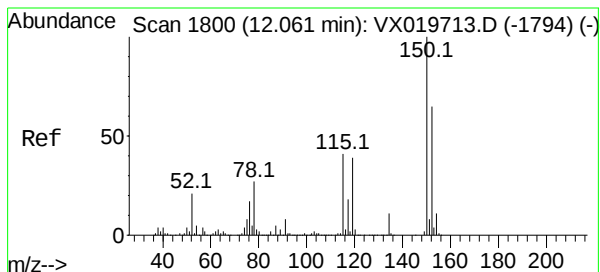
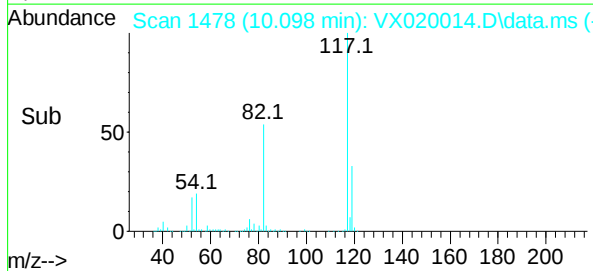
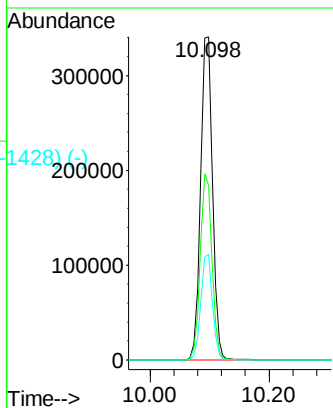
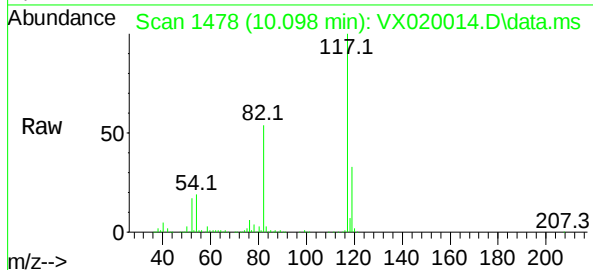




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020014.D
Acq: 15 Dec 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
TU032-FD04-121020

Tgt Ion:	117	Resp:	474645
Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.4	71.2
119	32.6	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.000 min
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Acq: 15 Dec 2020 16:11

Tgt Ion:	152	Resp:	206210
Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.1	123.3
150	154.4	0.0	349.0

