

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120820\
 Data File : VX019766.D
 Acq On : 08 Dec 2020 18:07
 Operator : JC/MD
 Sample : L4946-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(DEC)

Quant Time: Dec 09 06:21:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 06:09:21 2020
 Response via : Initial Calibration

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

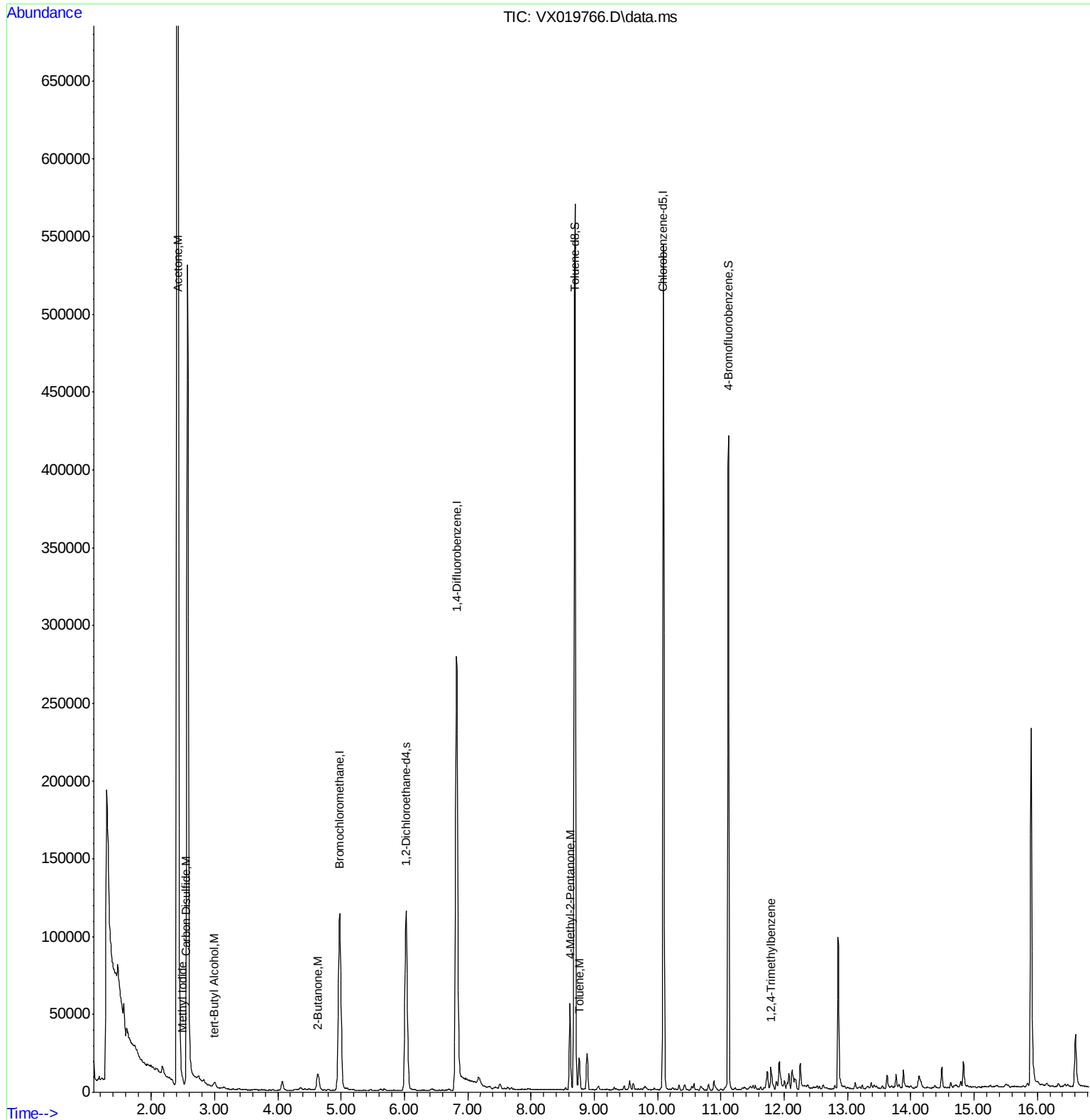
Internal Standards						
1) Bromochloromethane	4.977	128	51205	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.824	114	279775	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.092	117	251696	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.025	65	110544	31.15	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	103.83%	
60) 4-Bromofluorobenzene	11.122	95	117401	27.78	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	92.60%	
63) Toluene-d8	8.696	98	335538	30.43	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.43%	
Target Compounds						
						Qvalue
11) Methyl Iodide	2.495	142	2667	0.74	ug/l	98
15) Acetone	2.416	58	665433	1278.41	ug/l	97
16) Carbon Disulfide	2.550	76	7241	0.96	ug/l #	95
23) tert-Butyl Alcohol	3.002	59	2626	3.19	ug/l #	98
30) 2-Butanone	4.629	43	18675	8.12	ug/l #	97
58) 4-Methyl-2-Pentanone	8.616	43	30544	7.10	ug/l	99
62) Toluene	8.763	91	13284	0.96	ug/l	97
80) 1,2,4-Trimethylbenzene	11.793	105	3152	0.24	ug/l	50

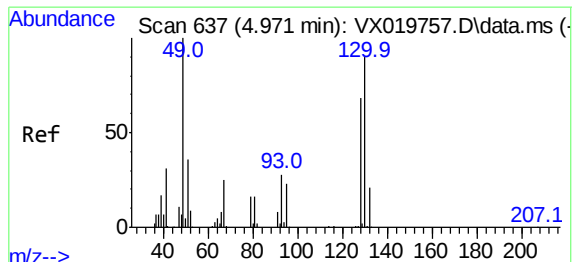
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Dec 09 06:09:21 2020
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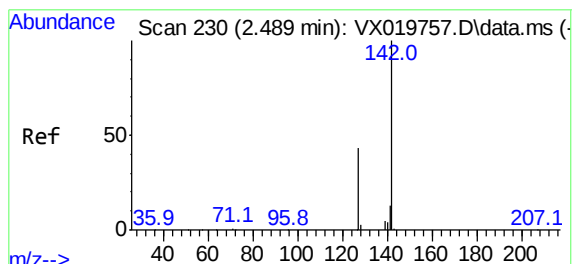
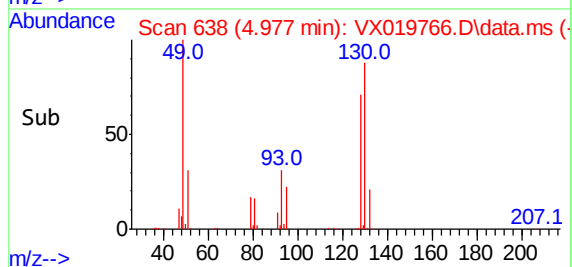
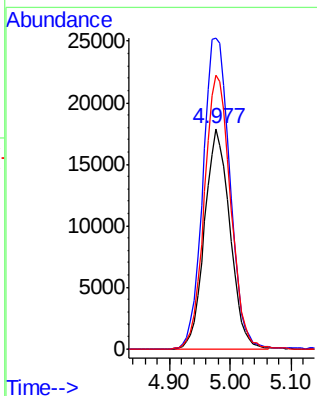
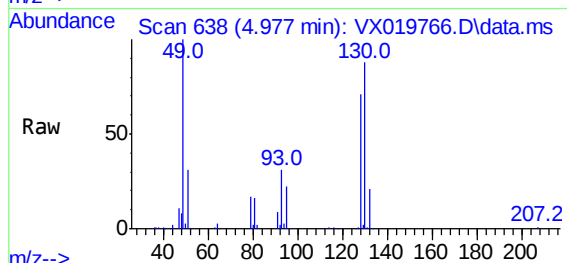




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.977 min Scan# 638
Delta R.T. 0.006 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

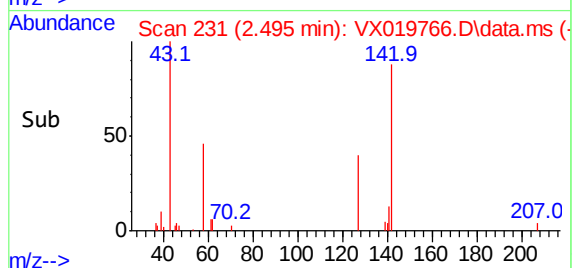
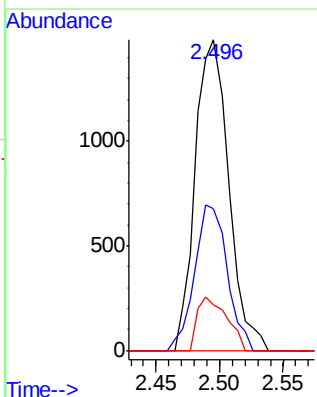
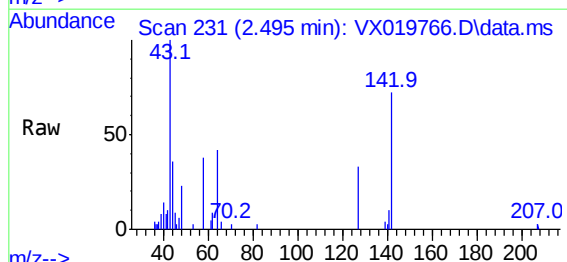
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

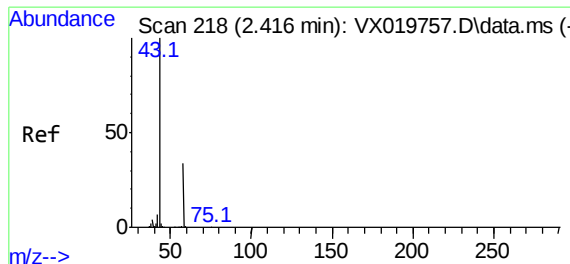
Tgt Ion:128 Resp: 51205
Ion Ratio Lower Upper
128 100
49 150.3 0.0 367.5
130 128.5 0.0 318.8



#11
Methyl Iodide
Concen: 0.74 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

Tgt Ion:142 Resp: 2667
Ion Ratio Lower Upper
142 100
127 43.5 21.4 64.2
141 14.5 6.5 19.4

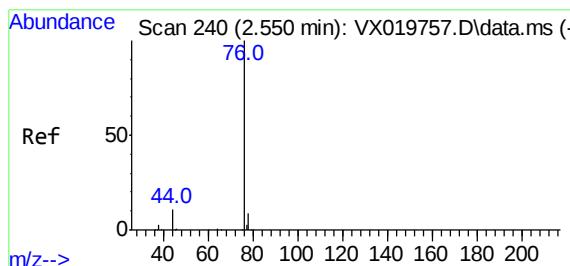
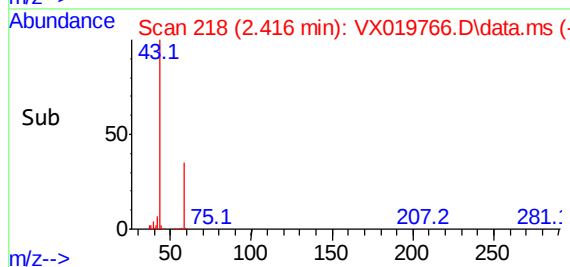
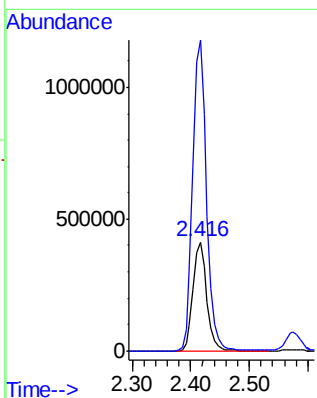
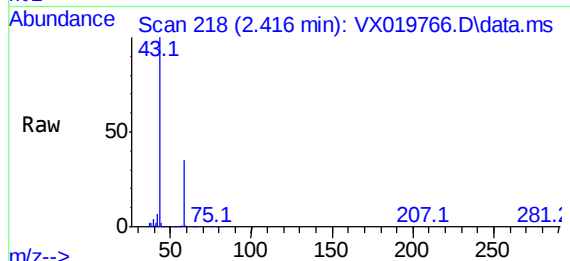




#15
Acetone
Concen: 1278.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

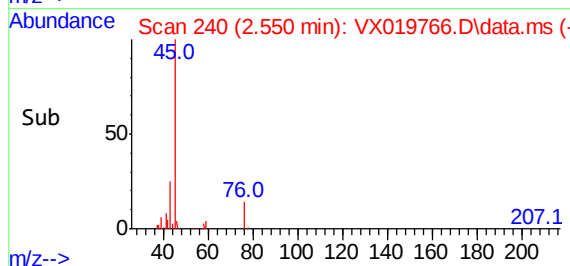
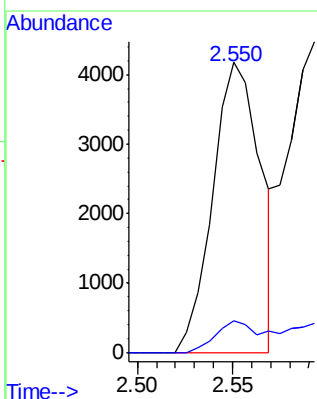
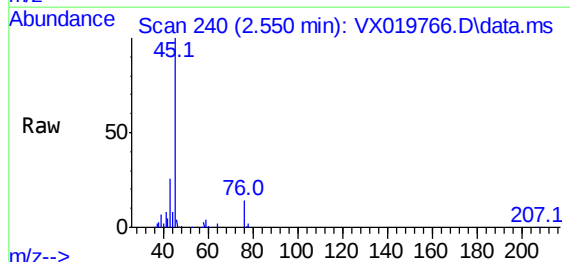
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

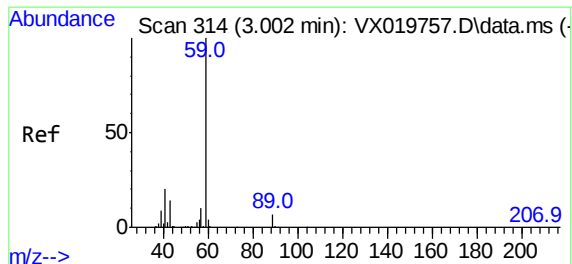
Tgt Ion: 58 Resp: 665433
Ion Ratio Lower Upper
58 100
43 284.9 232.6 348.8



#16
Carbon Disulfide
Concen: 0.96 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.000 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

Tgt Ion: 76 Resp: 7241
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0#

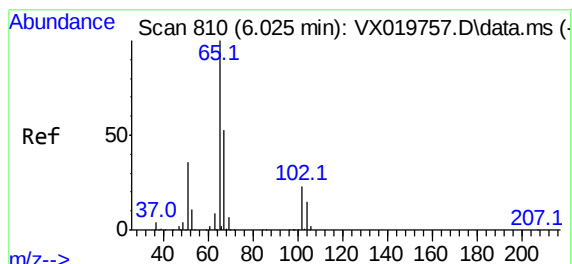
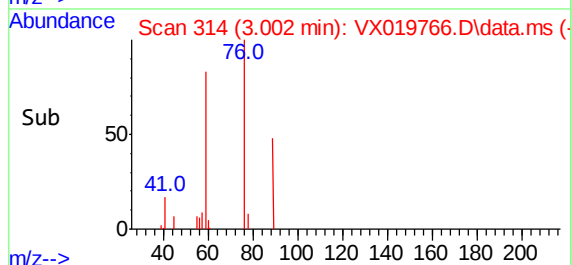
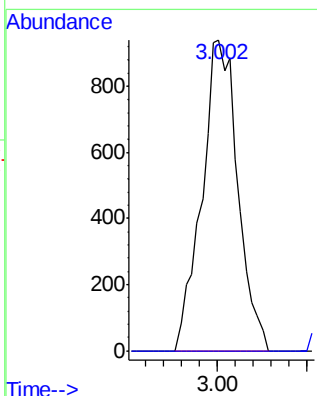
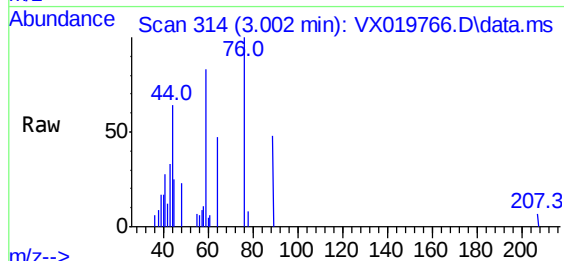




#23
tert-Butyl Alcohol
Concen: 3.19 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.000 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

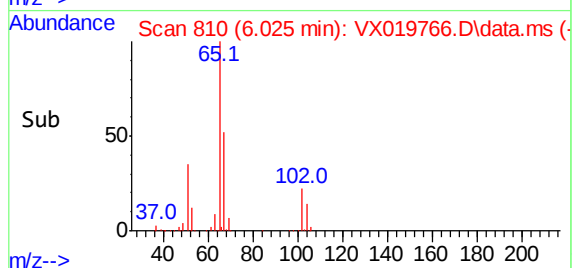
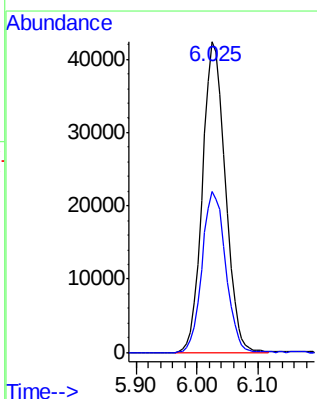
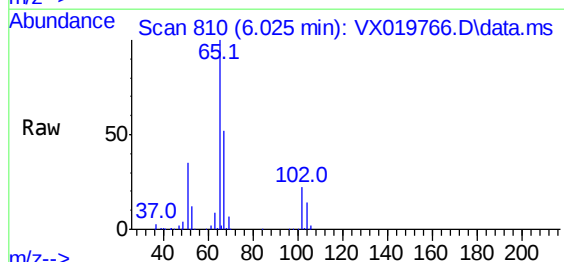
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

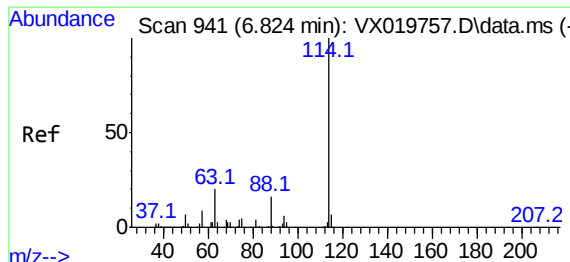
Tgt Ion: 59 Resp: 2626
Ion Ratio Lower Upper
59 100
52 5.1 0.1 0.1#



#27
1,2-Dichloroethane-d4
Concen: 31.15 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

Tgt Ion: 65 Resp: 110544
Ion Ratio Lower Upper
65 100
67 53.3 41.9 62.9

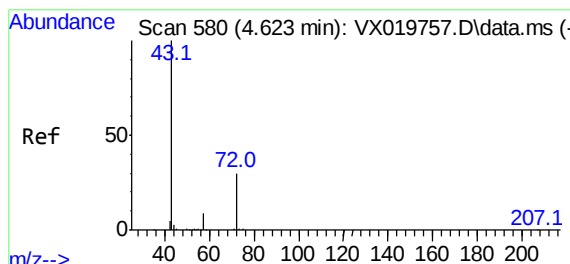
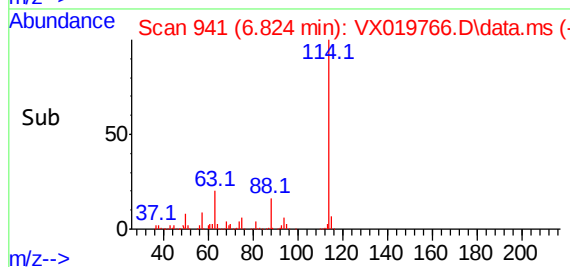
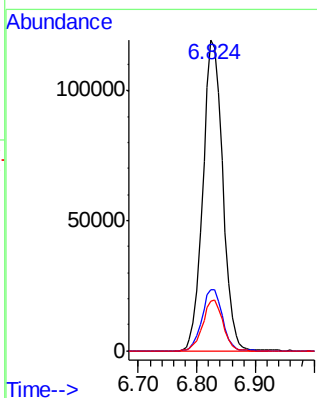
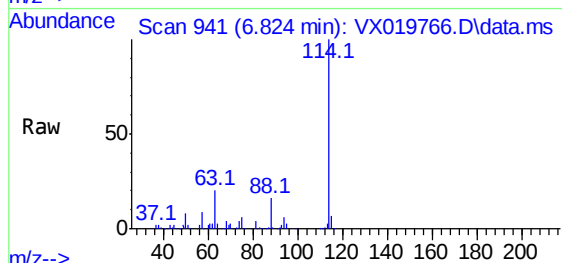




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

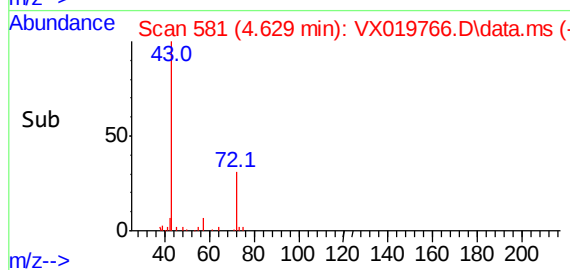
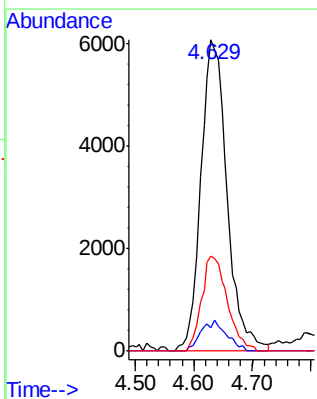
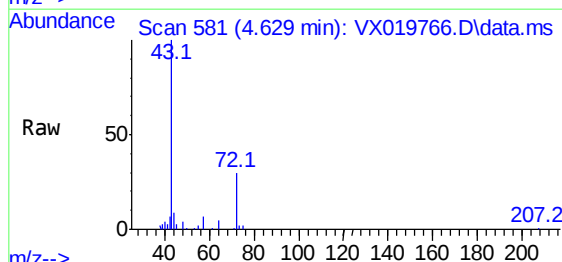
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

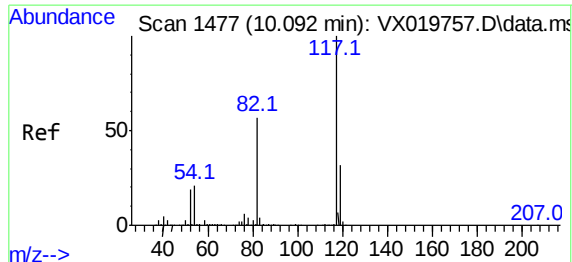
Tgt Ion:114 Resp: 279775
Ion Ratio Lower Upper
114 100
63 20.4 16.2 24.2
88 16.4 13.0 19.6



#30
2-Butanone
Concen: 8.12 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

Tgt Ion: 43 Resp: 18675
Ion Ratio Lower Upper
43 100
57 4.3 7.2 10.8#
72 29.5 23.7 35.5

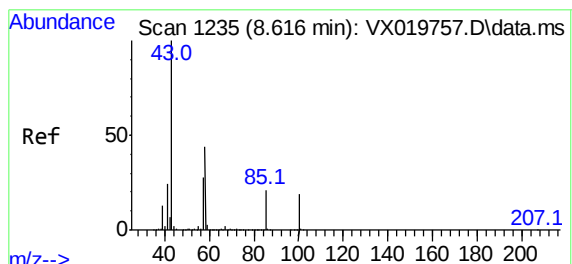
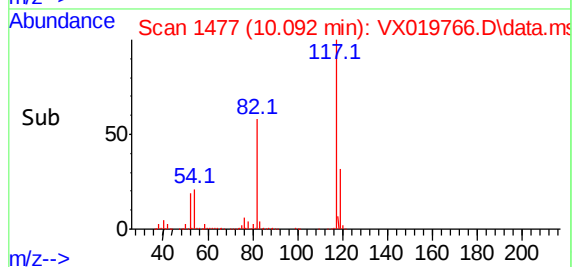
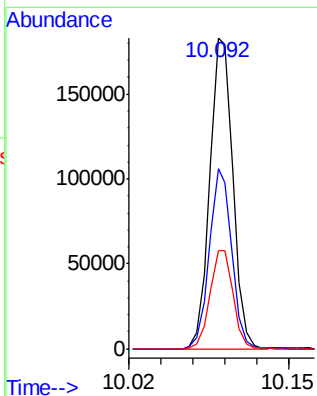
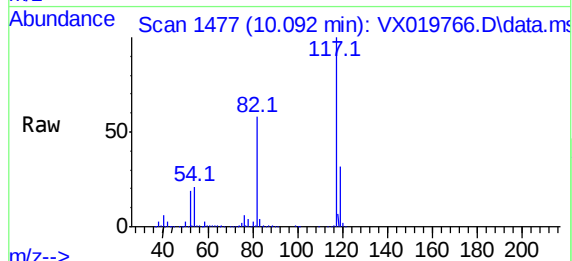




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

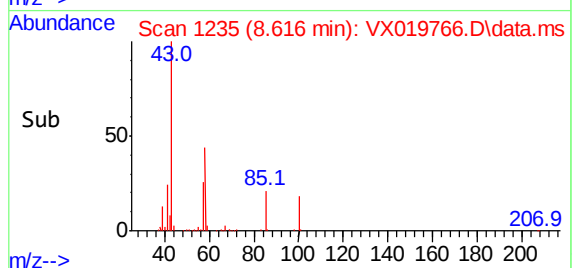
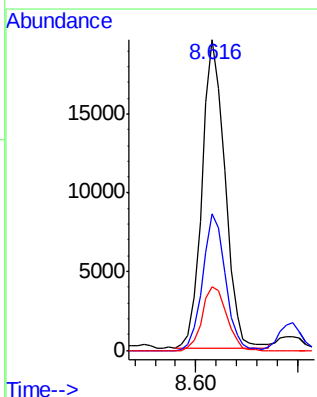
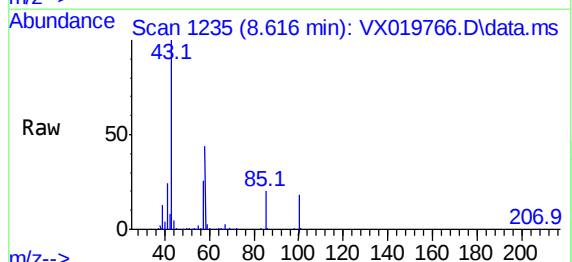
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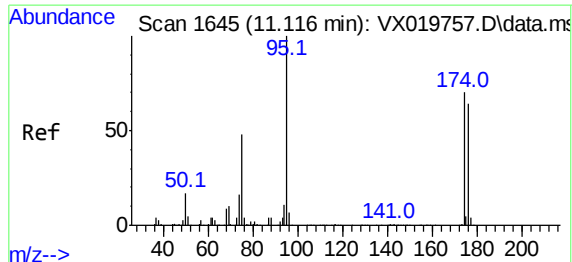
Tgt Ion:117 Resp: 251696
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.6
119 31.8 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 7.10 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

Tgt Ion: 43 Resp: 30544
Ion Ratio Lower Upper
43 100
58 44.0 35.2 52.8
85 22.0 16.8 25.2

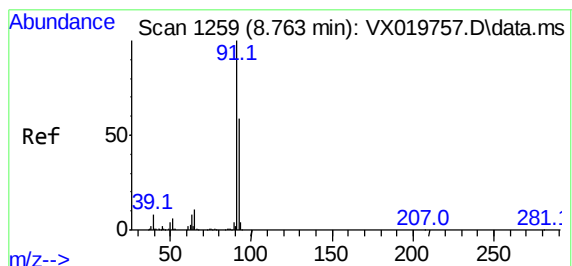
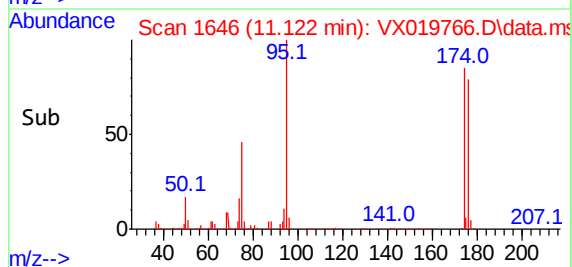
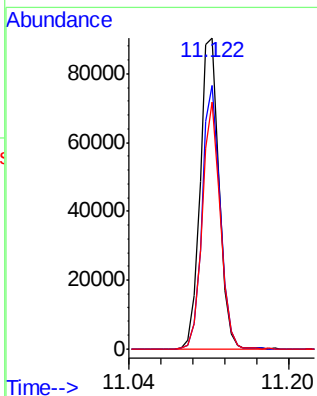
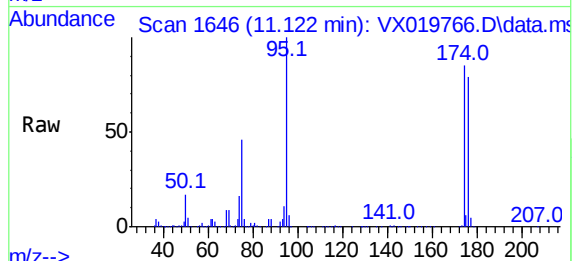




#60
4-Bromofluorobenzene
Concen: 27.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

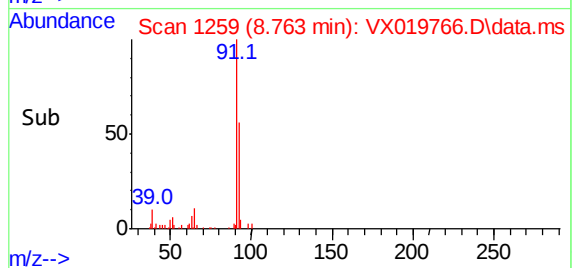
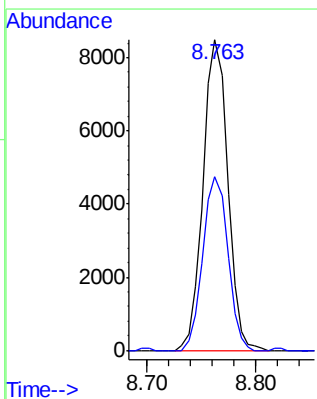
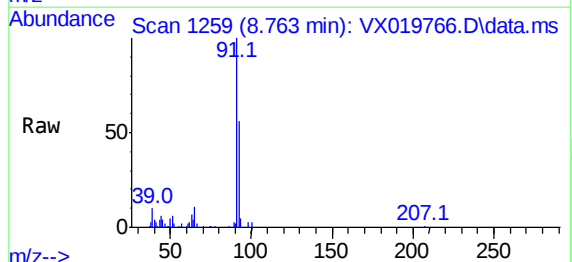
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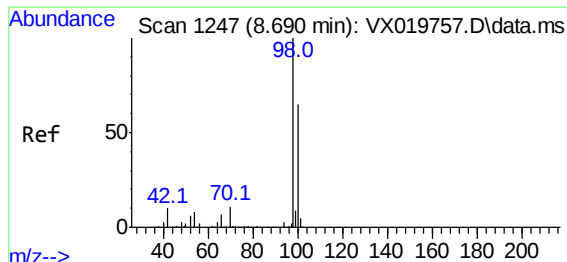
Tgt Ion: 95 Resp: 117401
Ion Ratio Lower Upper
95 100
174 79.9 63.0 94.4
176 74.5 59.9 89.9



#62
Toluene
Concen: 0.96 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

Tgt Ion: 91 Resp: 13284
Ion Ratio Lower Upper
91 100
92 56.7 47.2 70.8

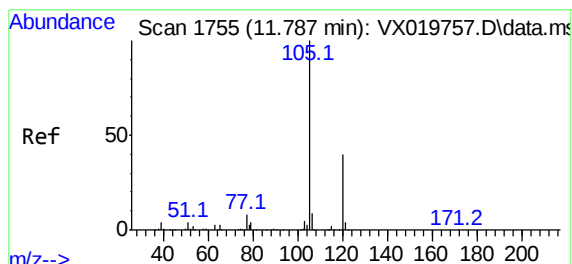
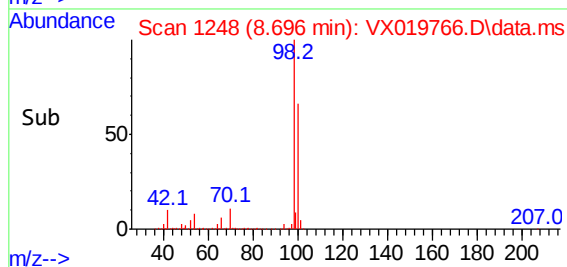
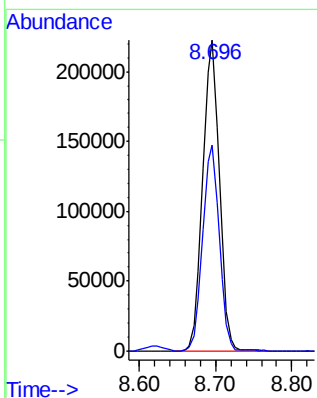
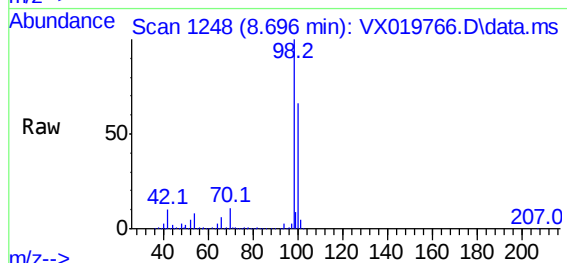




#63
Toluene-d8
Concen: 30.43 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

Instrument :
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ClientSampleId :
002-35TH-AVE(DEC)

Tgt Ion: 98 Resp: 335538
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#80
1,2,4-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VX019766.D
Acq: 08 Dec 2020 18:07

Tgt Ion: 105 Resp: 3152
Ion Ratio Lower Upper
105 100
120 12.2 0.0 89.8

