

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020948.D
 Acq On : 01 Mar 2021 20:42
 Operator : JC/MD
 Sample : M1535-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030121

Quant Time: Mar 02 00:33:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	191775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	359966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	336367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	130525	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	126751	48.93	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.86%
35) Dibromofluoromethane	5.464	113	113672	51.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.94%
50) Toluene-d8	8.694	98	426957	50.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.14%
62) 4-Bromofluorobenzene	11.118	95	149866	47.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.06%

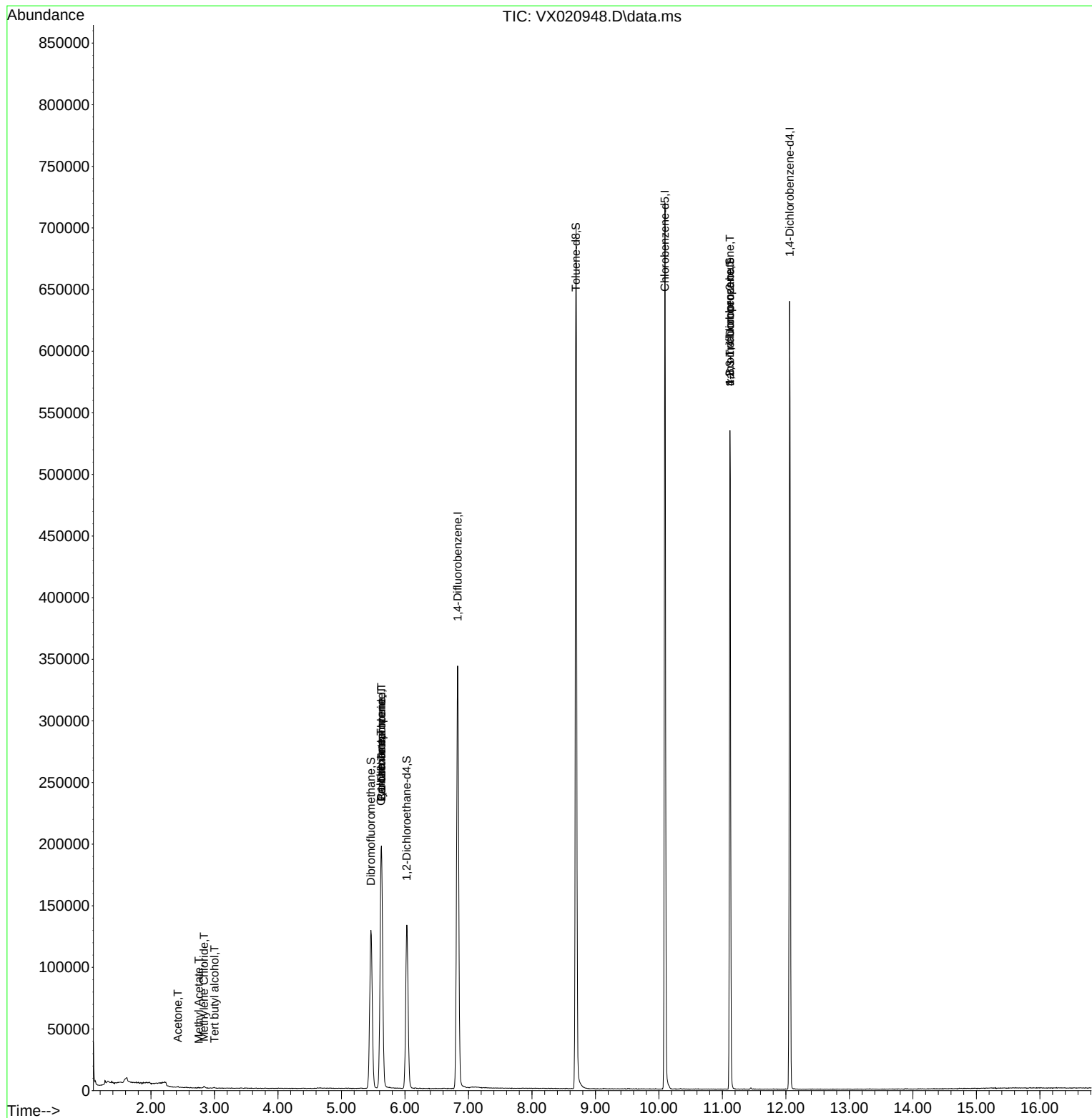
Target Compounds					Qvalue
5) Bromomethane	1.640	94	312	Below Cal	96
11) Tert butyl alcohol	2.999	59	318	0.55 ug/l #	73
16) Acetone	2.423	43	673	0.63 ug/l	94
18) Methyl Acetate	2.752	43	671	0.27 ug/l #	76
20) Methylene Chloride	2.835	84	693	0.27 ug/l #	84
31) Cyclohexane	5.623	56	3756	1.00 ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15219	4.45 ug/l #	47
38) Carbon Tetrachloride	5.629	117	18622	5.62 ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	72381	25.78 ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	72381	57.07 ug/l #	12

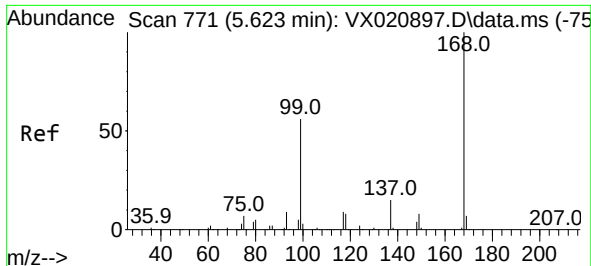
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 02 00:33:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

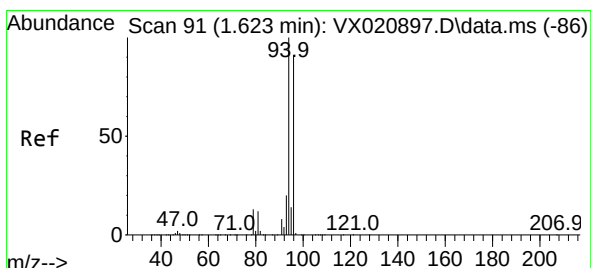
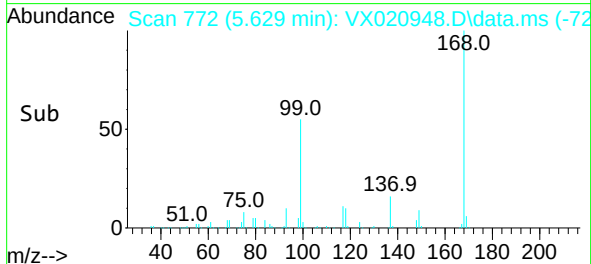
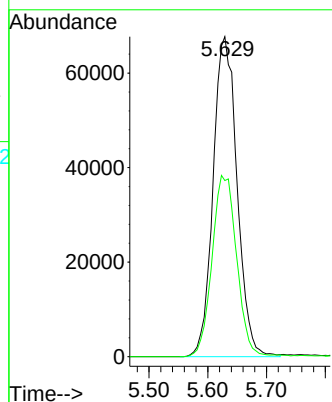
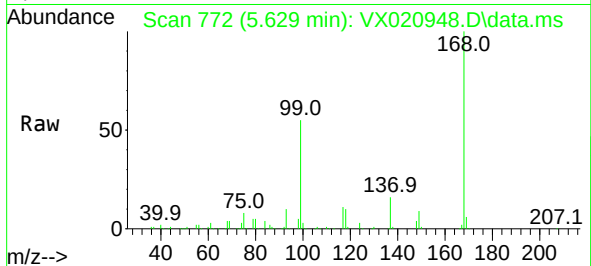




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

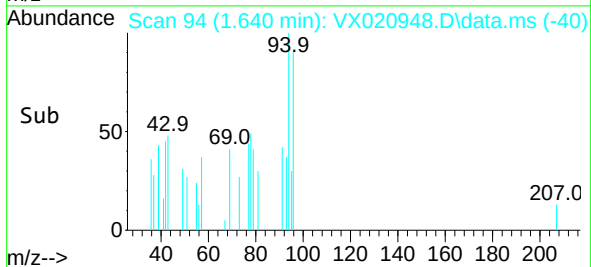
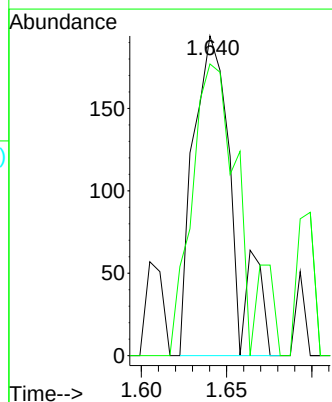
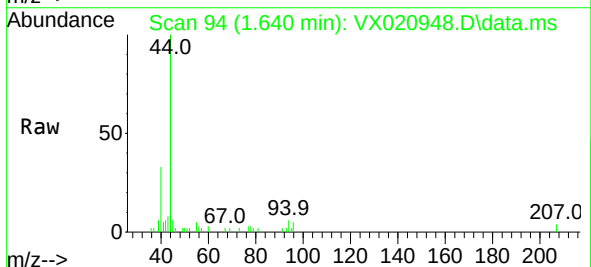
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030121

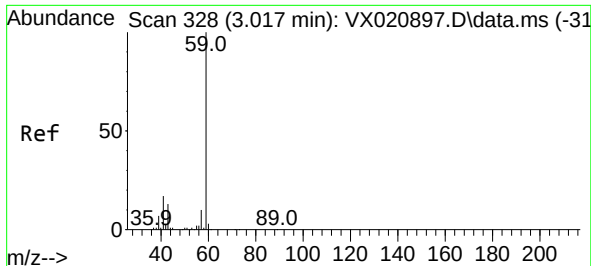
Tgt Ion:168 Resp: 191775
Ion Ratio Lower Upper
168 100
99 55.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 91.2 76.4 114.6

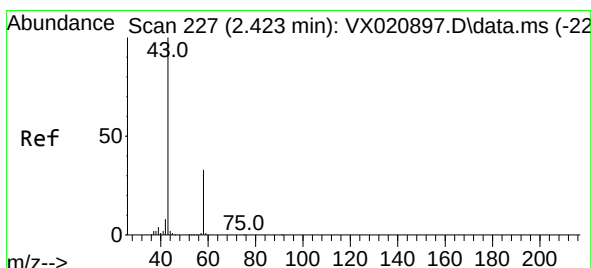
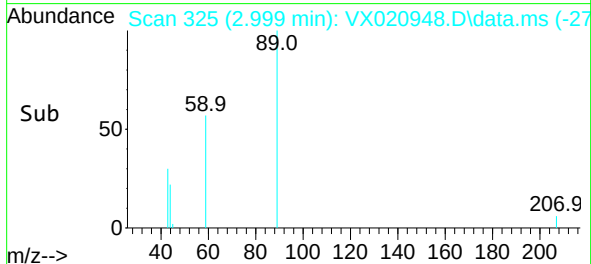
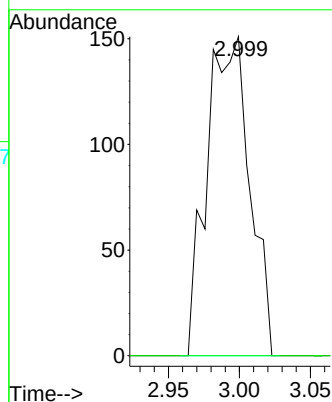
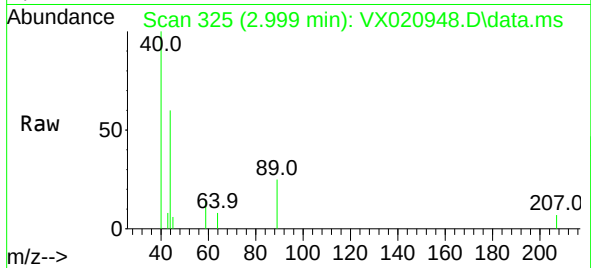




#11
Tert butyl alcohol
Concen: 0.55 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

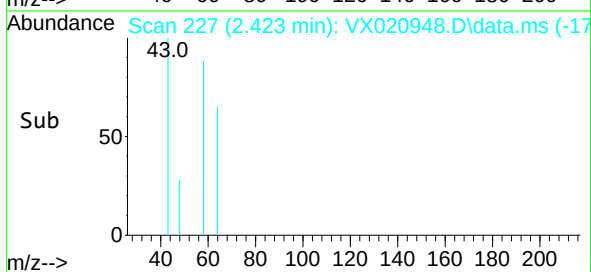
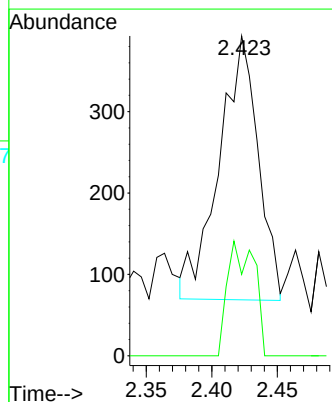
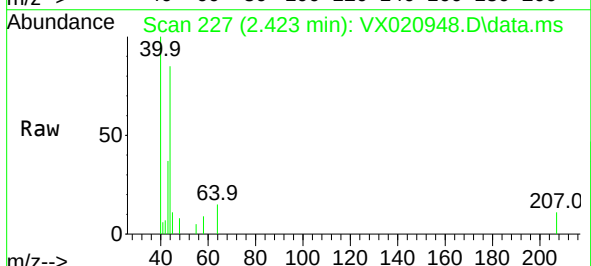
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030121

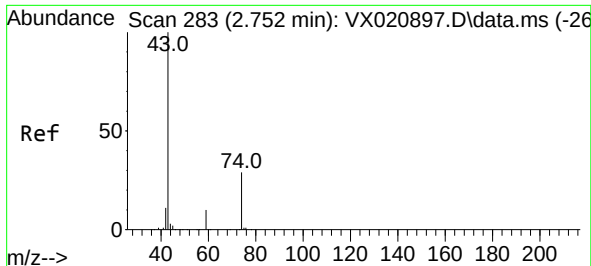
Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.63 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 31.5 27.8 41.8

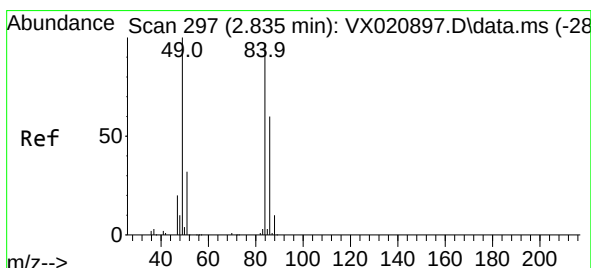
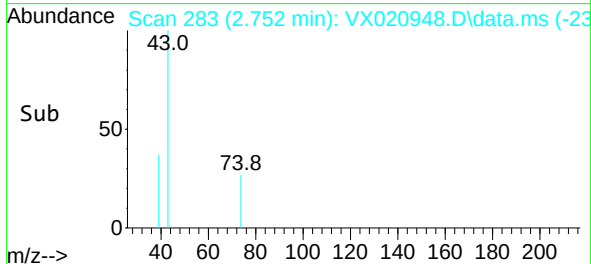
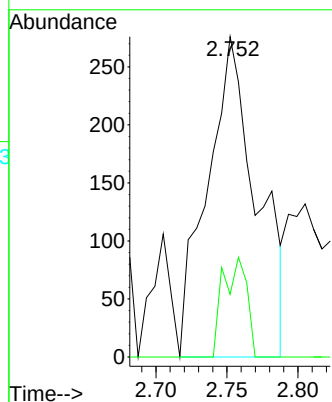
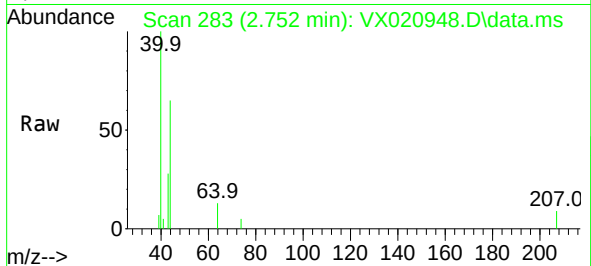




#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

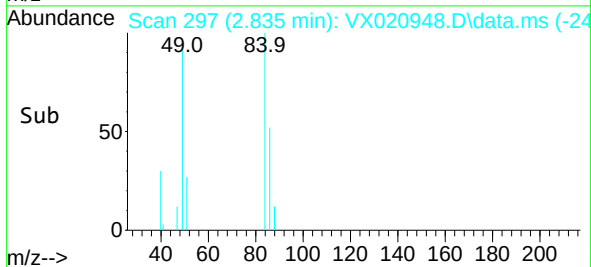
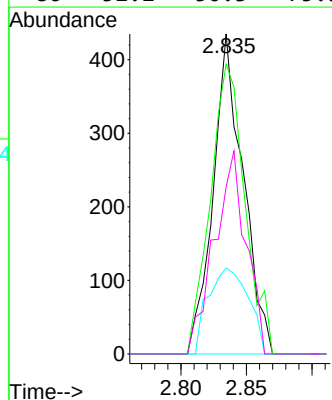
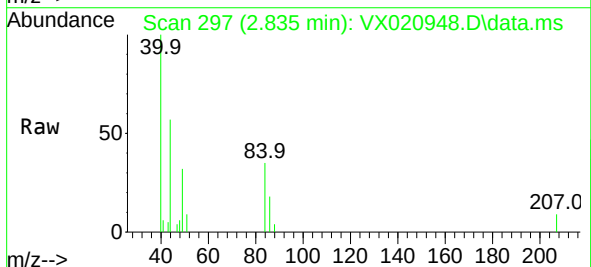
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ClientSampleId :
TB-01-030121

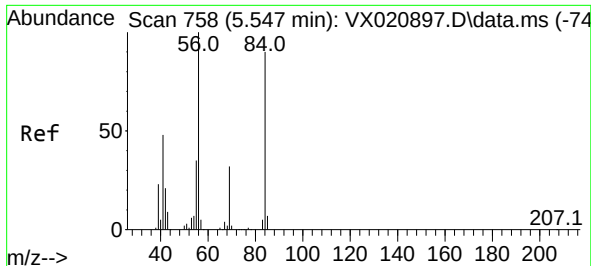
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
74 14.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

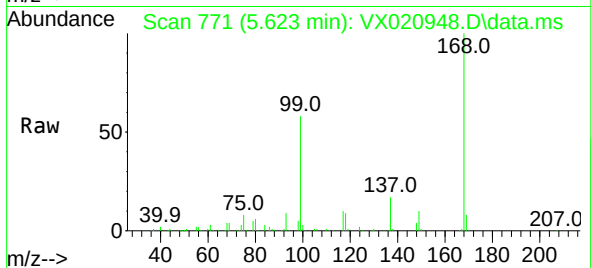
Tgt Ion: 84 Resp: 693
Ion Ratio Lower Upper
84 100
49 90.6 88.6 132.8
51 26.9 27.0 40.6#
86 52.2 50.3 75.5



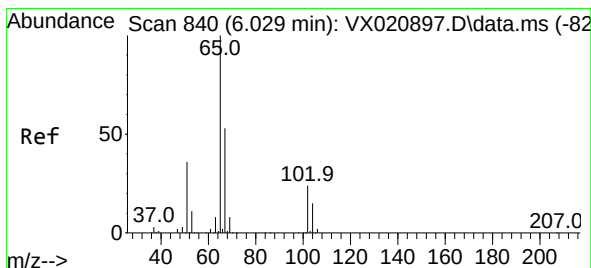
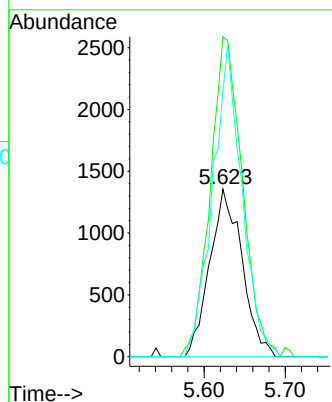
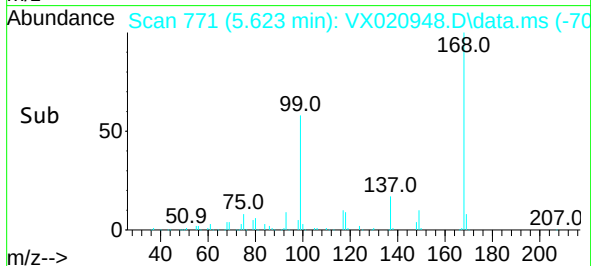


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

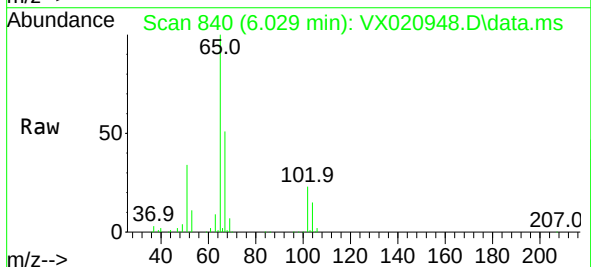
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030121



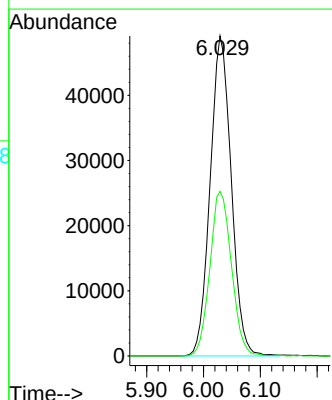
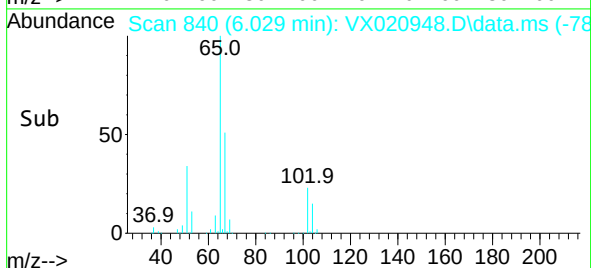
Tgt Ion: 56 Resp: 3756
Ion Ratio Lower Upper
56 100
69 191.1 25.3 37.9#
84 158.7 71.4 107.0#

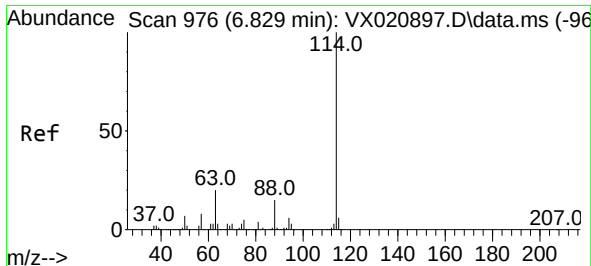


#33
1,2-Dichloroethane-d4
Concen: 48.93 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42



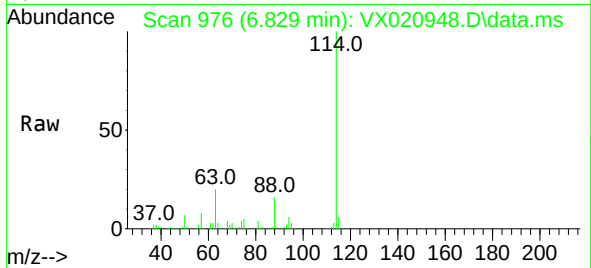
Tgt Ion: 65 Resp: 126751
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



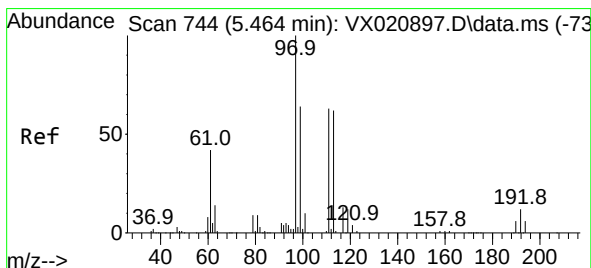
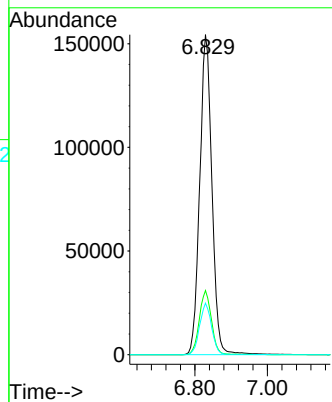
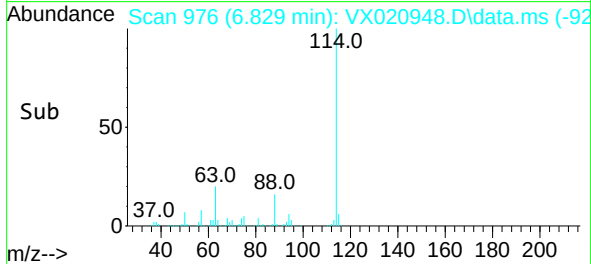


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

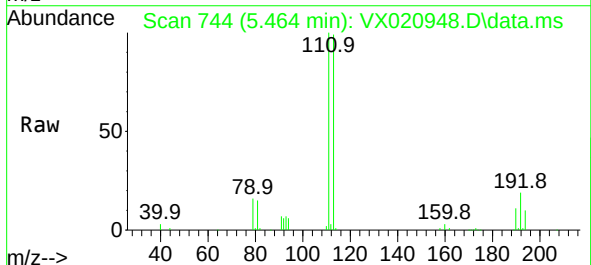
Instrument :
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ClientSampleId :
TB-01-030121



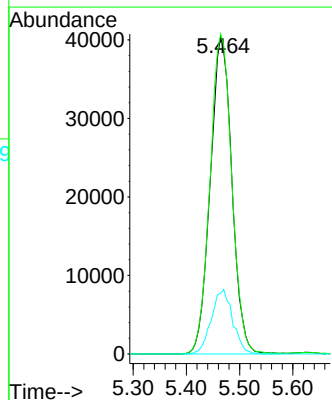
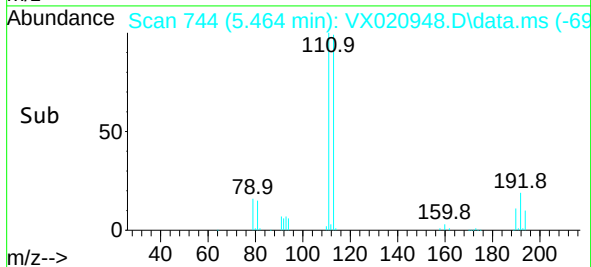
Tgt Ion:114 Resp: 359966
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.1 0.0 32.8

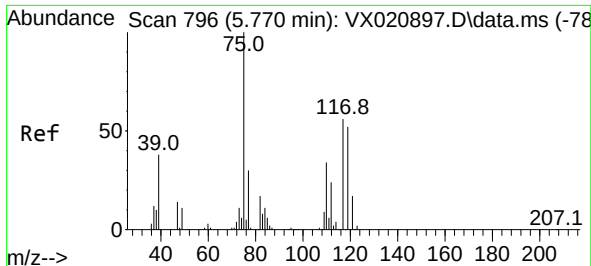


#35
Dibromofluoromethane
Concen: 51.97 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42



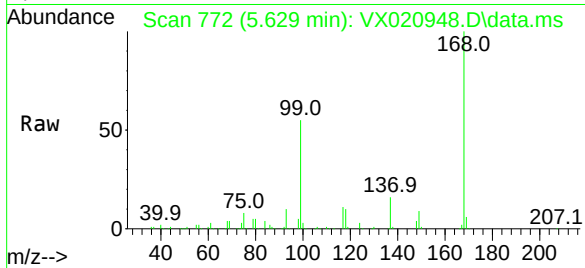
Tgt Ion:113 Resp: 113672
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 20.1 16.7 25.1



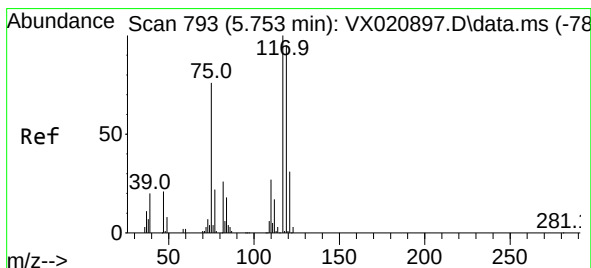
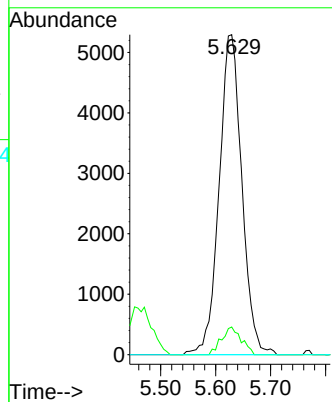
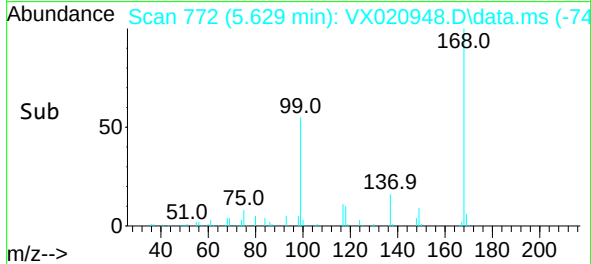


#36
 1,1-Dichloropropene
 Concen: 4.45 ug/l
 RT: 5.629 min Scan# 772
 Delta R.T. -0.141 min
 Lab File: VX020948.D
 Acq: 01 Mar 2021 20:42

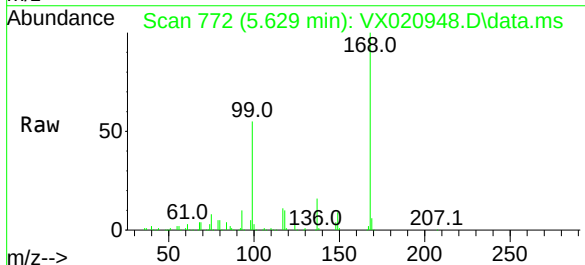
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030121



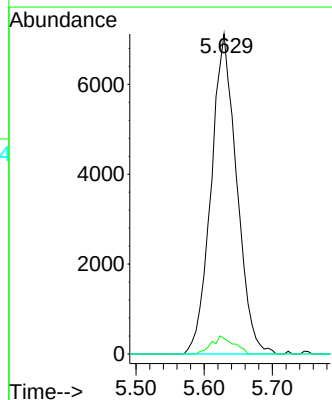
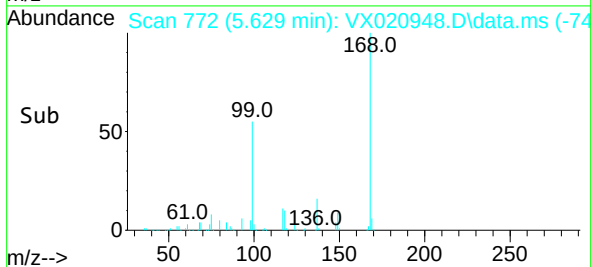
Tgt Ion: 75 Resp: 15219
 Ion Ratio Lower Upper
 75 100
 110 7.5 18.1 54.4#
 77 0.0 25.3 37.9#

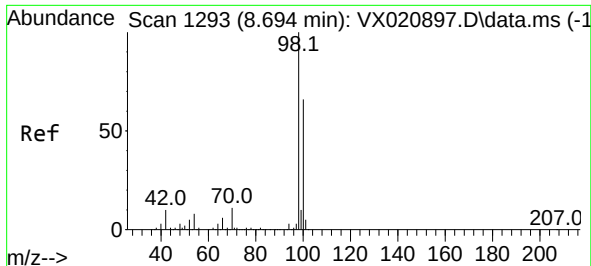


#38
 Carbon Tetrachloride
 Concen: 5.62 ug/l
 RT: 5.629 min Scan# 772
 Delta R.T. -0.124 min
 Lab File: VX020948.D
 Acq: 01 Mar 2021 20:42



Tgt Ion: 117 Resp: 18622
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.2 114.2#
 121 0.0 24.8 37.2#

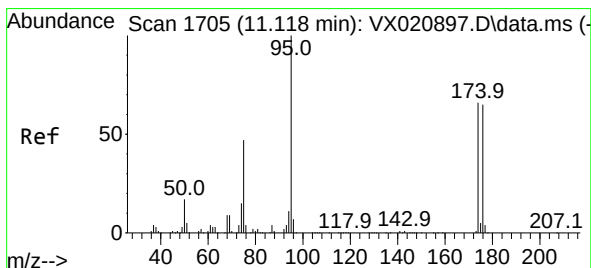
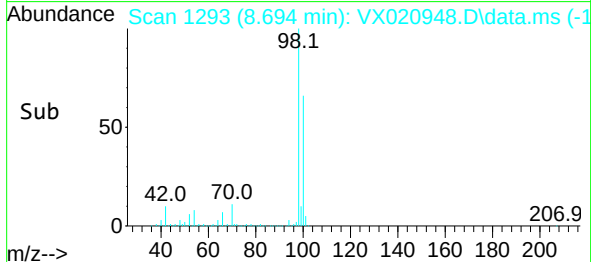
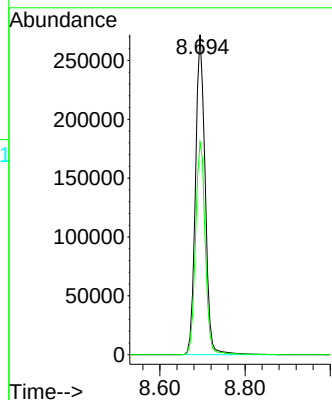
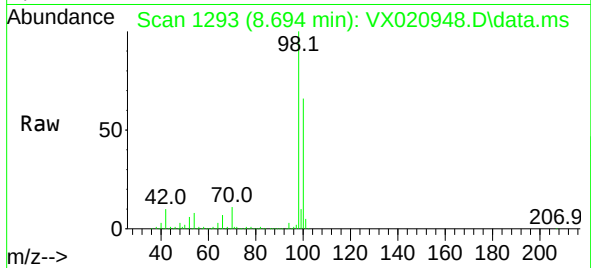




#50
Toluene-d8
Concen: 50.07 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

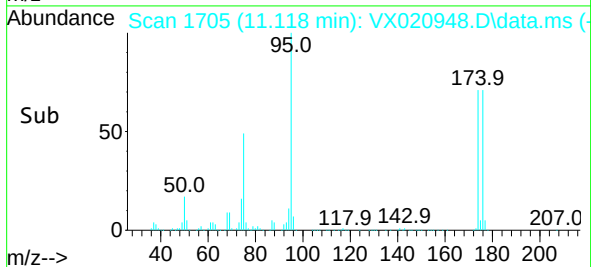
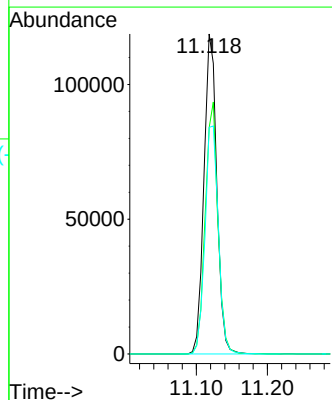
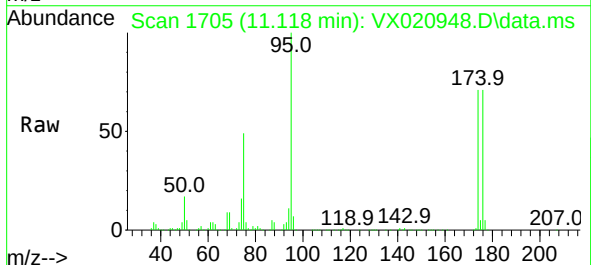
Instrument :
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TB-01-030121

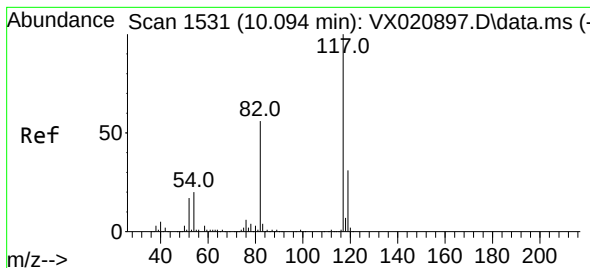
Tgt Ion: 98 Resp: 426957
Ion Ratio Lower Upper
98 100
100 67.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.53 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

Tgt Ion: 95 Resp: 149866
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.5 0.0 155.8

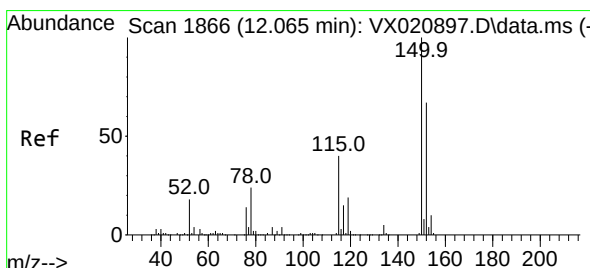
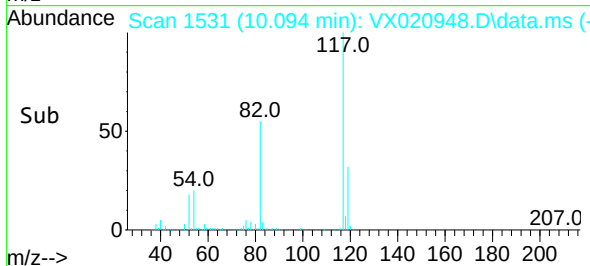
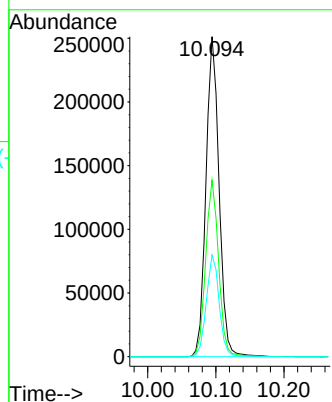
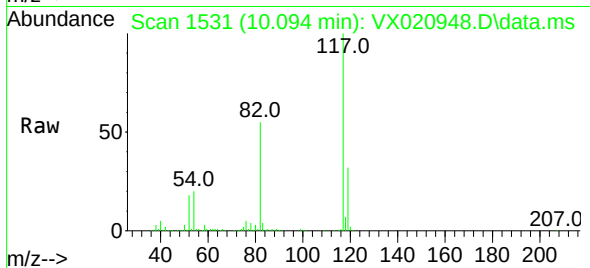




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

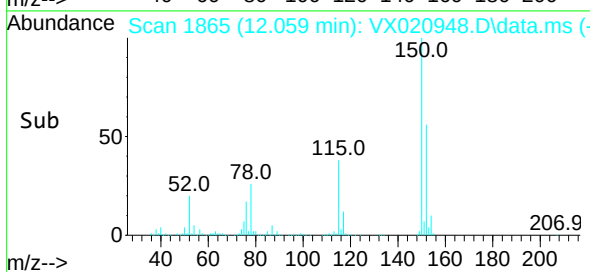
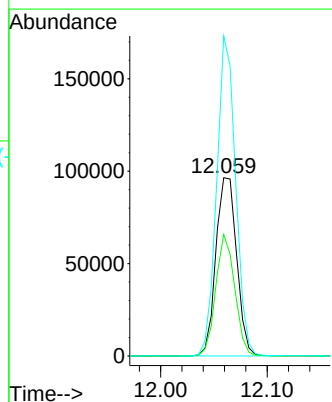
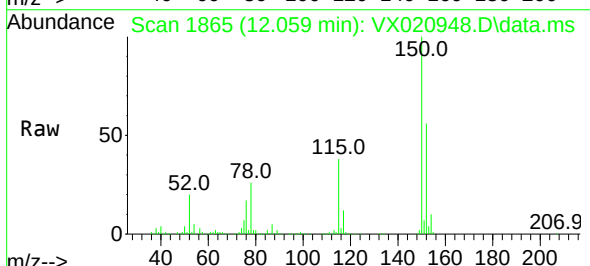
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030121

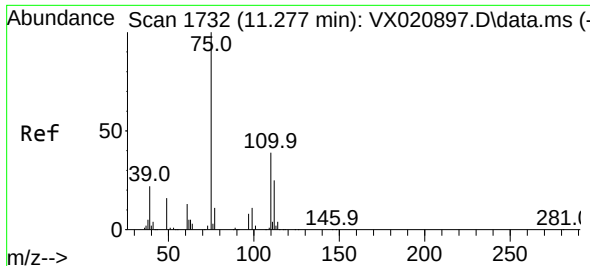
Tgt Ion:117 Resp: 336367
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

Tgt Ion:152 Resp: 130525
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 163.7 0.0 349.0

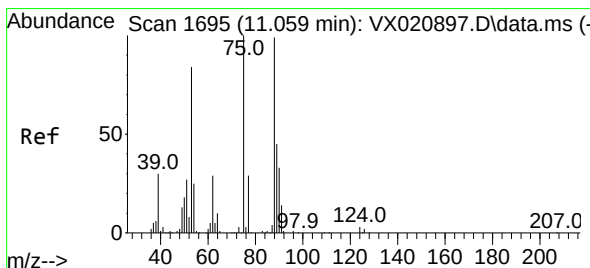
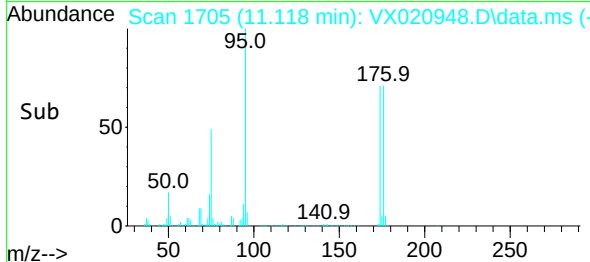
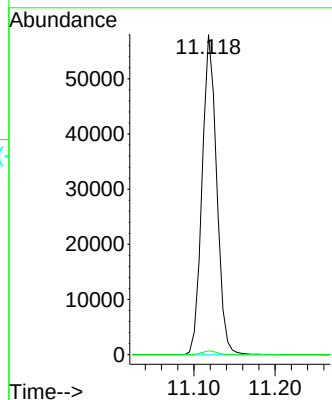
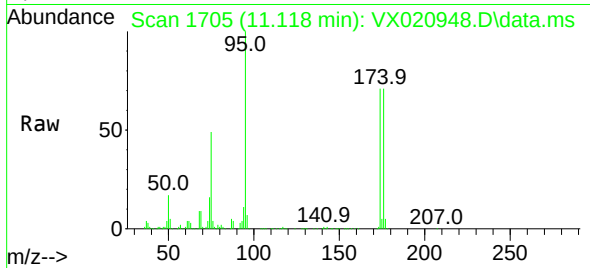




#76
1,2,3-Trichloropropane
Concen: 25.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

Instrument :
MSVOA_X
ClientSampleId :
TB-01-030121

Tgt Ion: 75 Resp: 72381
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020948.D
Acq: 01 Mar 2021 20:42

Tgt Ion: 75 Resp: 72381
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

