

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012022\
 Data File : VX026534.D
 Acq On : 20 Jan 2022 18:35
 Operator : JC/MD
 Sample : N1099-10
 Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-10

Quant Time: Jan 21 04:06:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

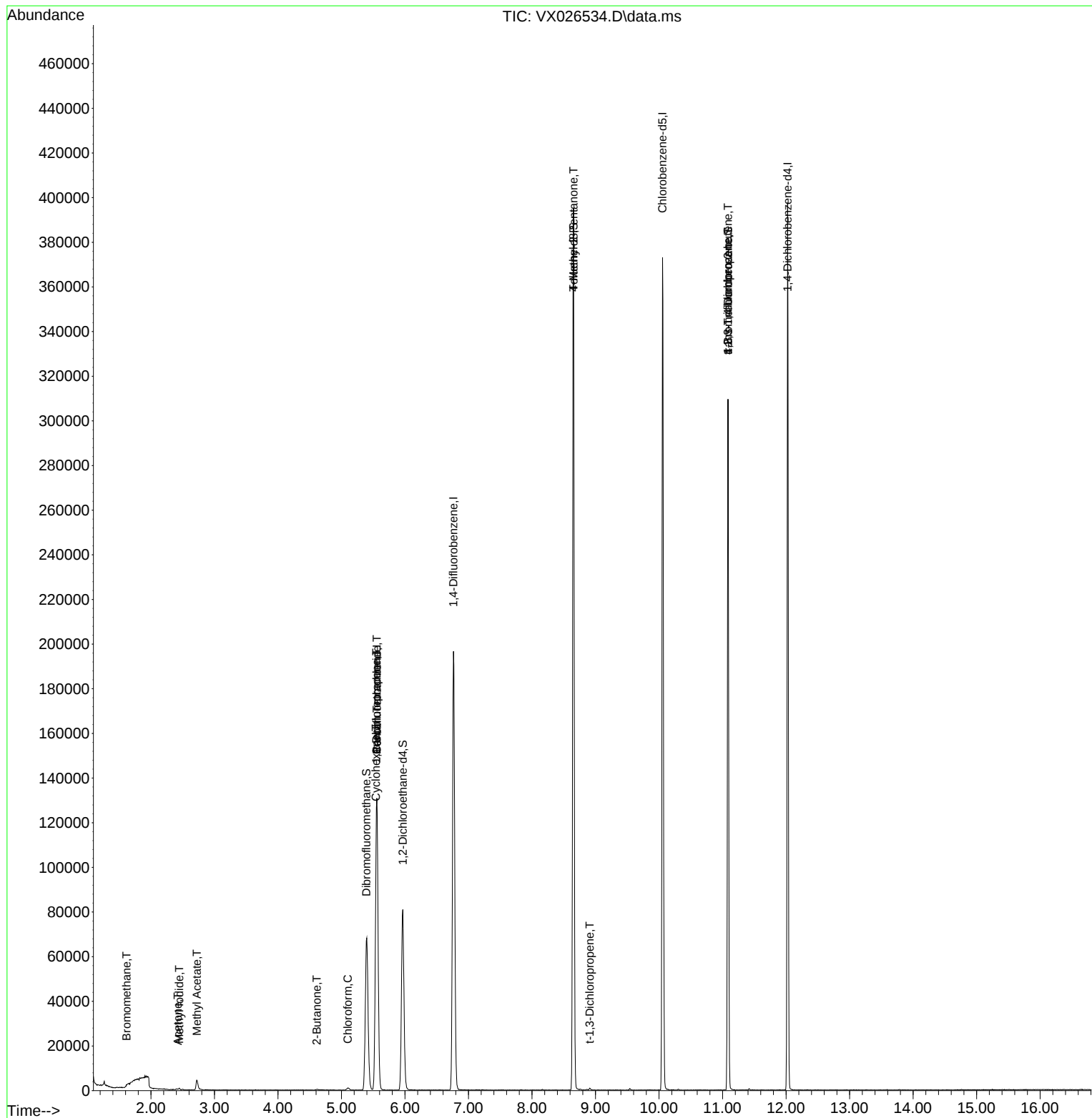
Internal Standards						
1) Pentafluorobenzene	5.556	168	124661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81925	47.045	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.080%		
35) Dibromofluoromethane	5.391	113	62873	47.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.720%		
50) Toluene-d8	8.653	98	239662	50.095	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.180%		
62) 4-Bromofluorobenzene	11.085	95	88981	52.357	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.720%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	214	0.327	ug/l	99
10) Methyl Iodide	2.447	142	564	4.795	ug/l #	96
16) Acetone	2.422	43	454	0.511	ug/l #	46
18) Methyl Acetate	2.721	43	6760	3.829	ug/l	98
25) 2-Butanone	4.611	43	874	0.757	ug/l #	50
30) Chloroform	5.099	83	1446	0.530	ug/l #	81
31) Cyclohexane	5.544	56	2571	1.001	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	9948	4.747	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12934	6.000	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1103	0.543	ug/l #	1
53) t-1,3-Dichloropropene	8.909	75	344	2.029	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	44814	24.929	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	44814	75.789	ug/l #	3

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

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VACLOT-BACKFILL-TILCON-10

Quant Time: Jan 21 04:06:50 2022
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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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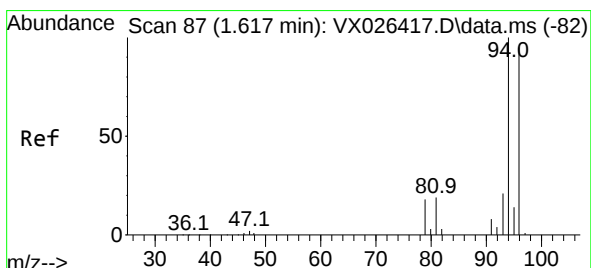
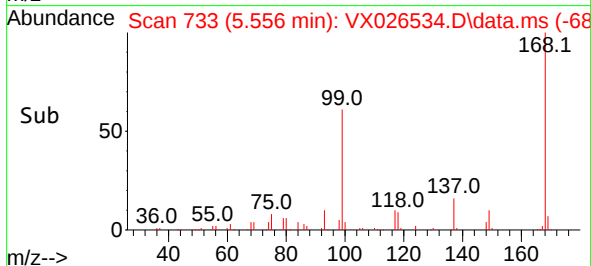
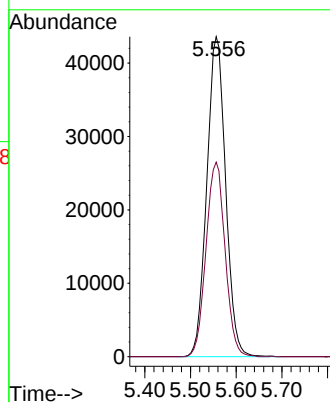
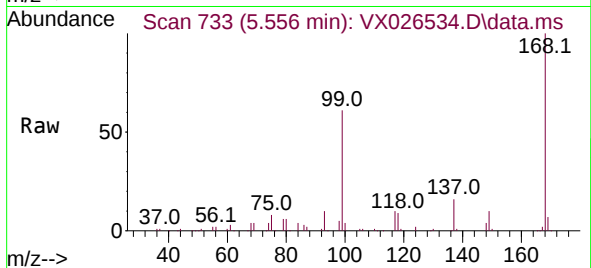




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

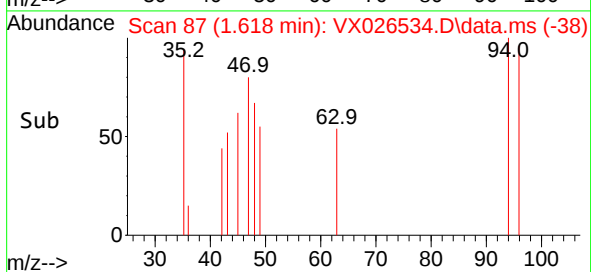
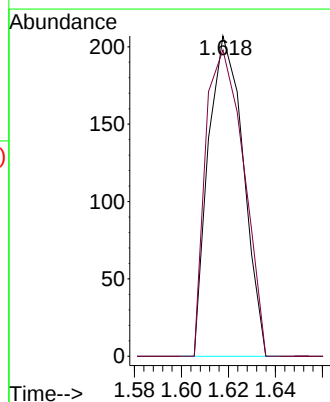
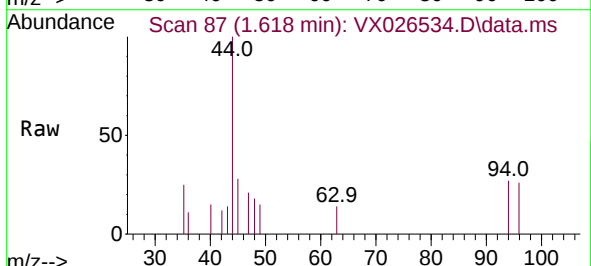
Instrument :
MSVOA_X
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

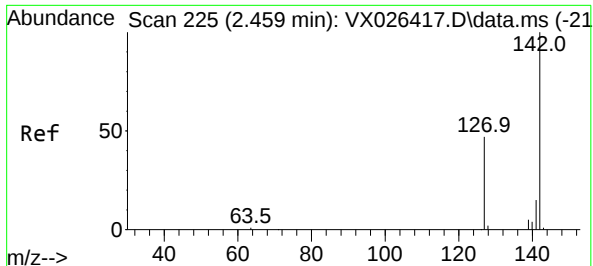
Tgt Ion:168 Resp: 124661
Ion Ratio Lower Upper
168 100
99 60.8 50.3 75.5



#5
Bromomethane
Concen: 0.327 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 95.7 75.9 113.9

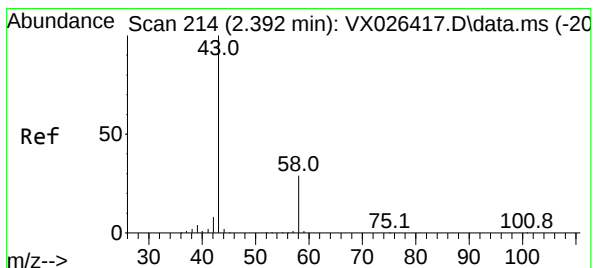
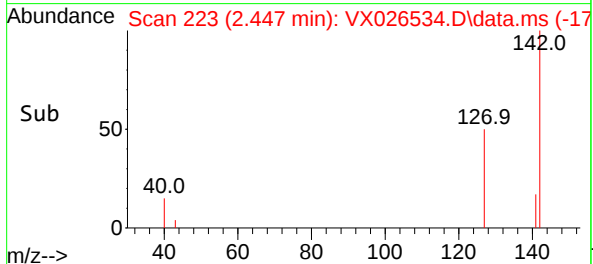
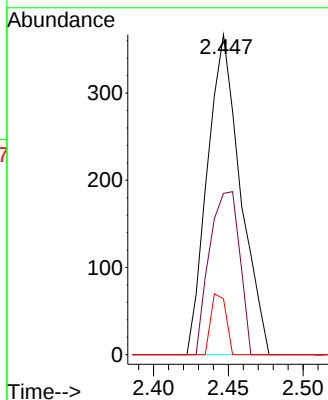
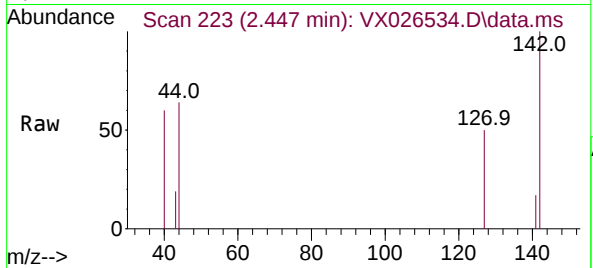




#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.447 min Scan# 219
Delta R.T. -0.012 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

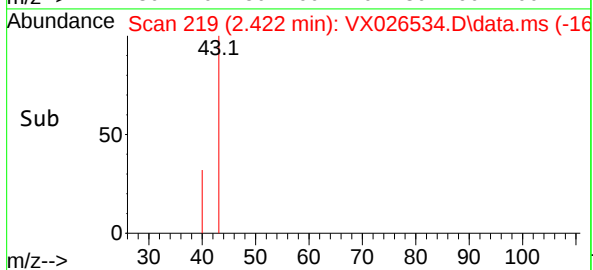
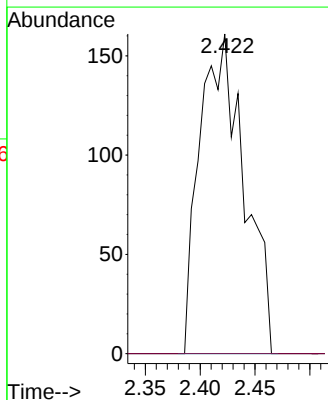
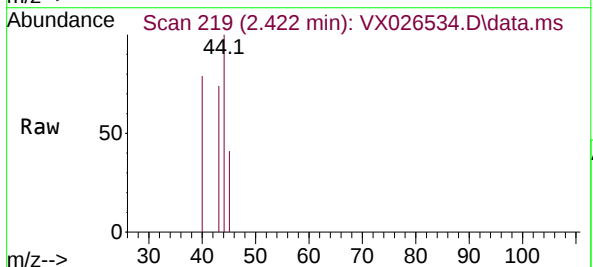
Instrument :
MSVOA_X
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

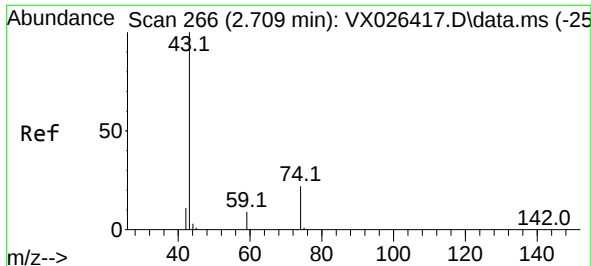
Tgt Ion:142 Resp: 564
Ion Ratio Lower Upper
142 100
127 46.3 38.1 57.1
141 8.7 11.2 16.8#



#16
Acetone
Concen: 0.511 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.031 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#

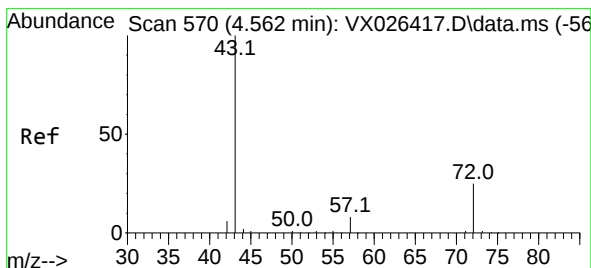
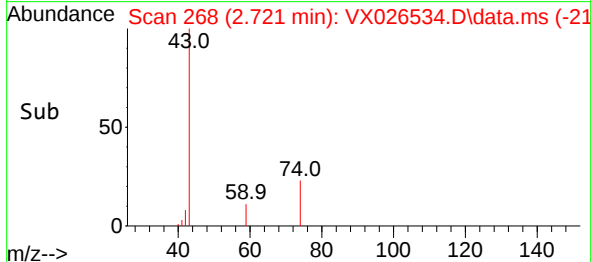
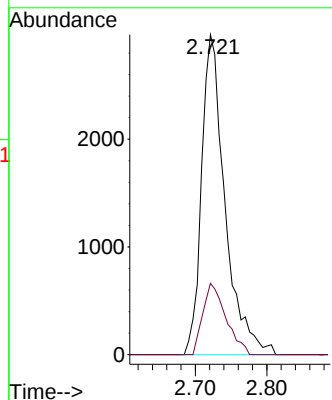
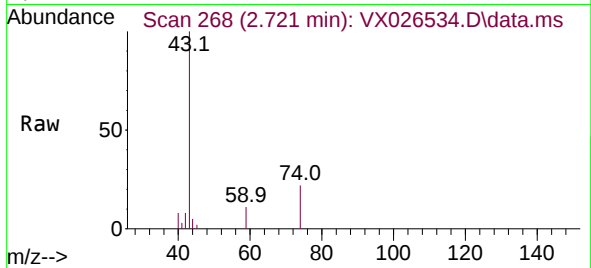




#18
Methyl Acetate
Concen: 3.829 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

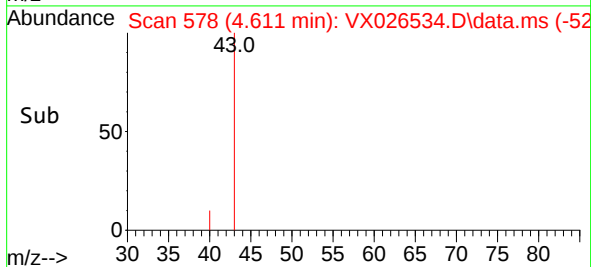
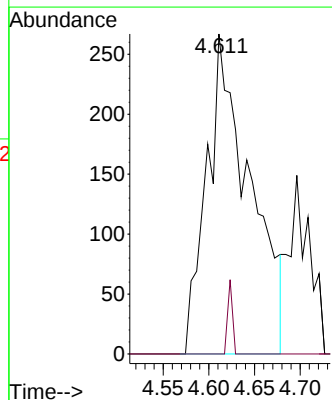
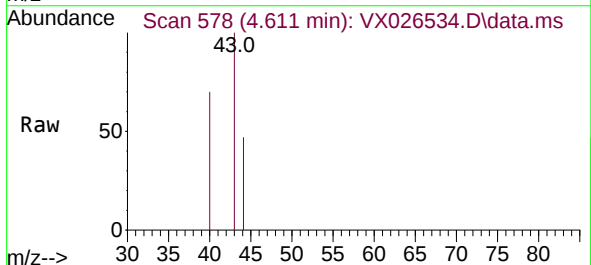
Instrument :
MSVOA_X
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

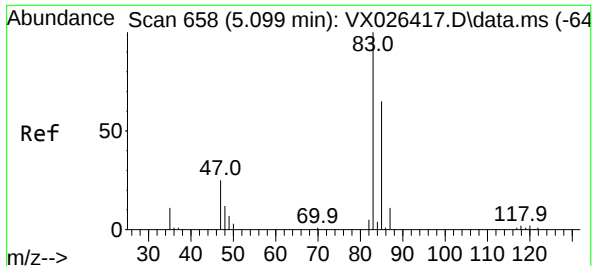
Tgt Ion: 43 Resp: 6760
Ion Ratio Lower Upper
43 100
74 21.9 18.3 27.5



#25
2-Butanone
Concen: 0.757 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.049 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#

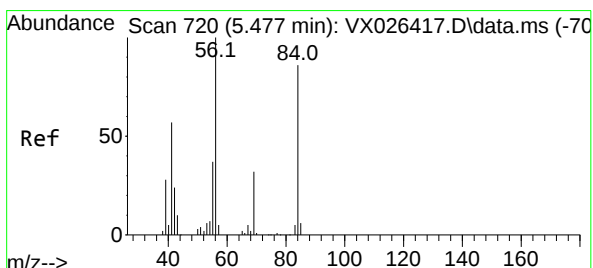
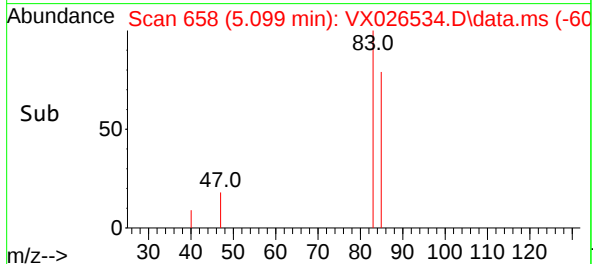
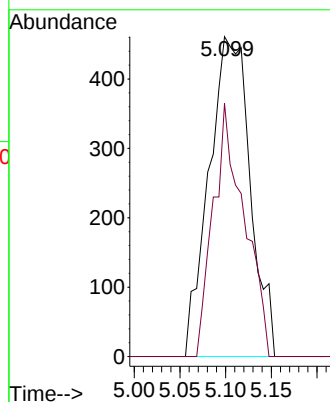
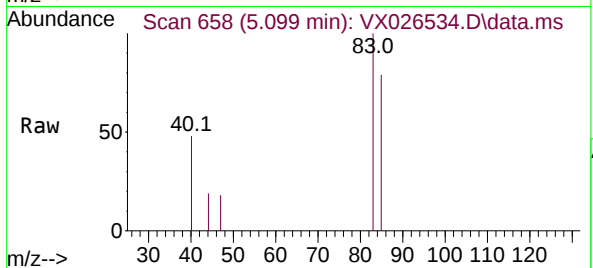




#30
Chloroform
Concen: 0.530 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

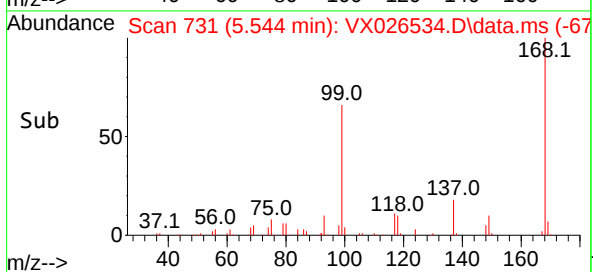
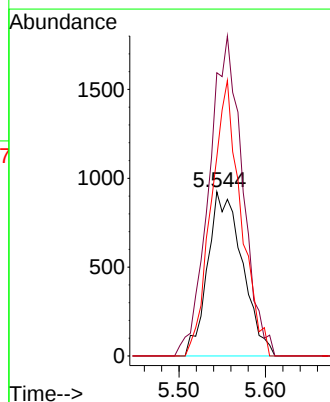
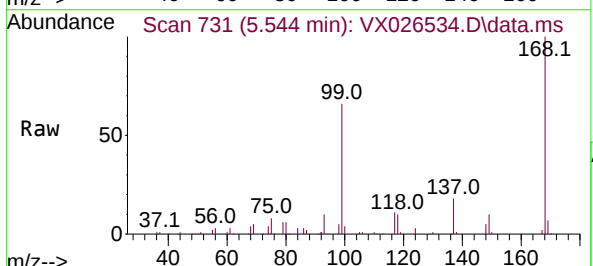
Instrument :
MSVOA_X
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

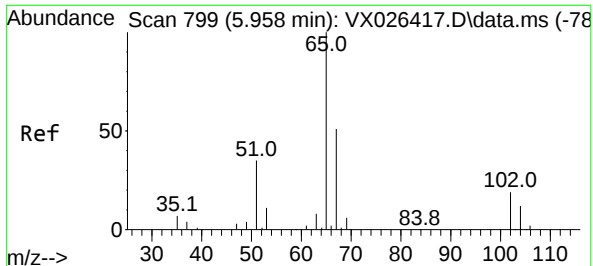
Tgt Ion: 83 Resp: 1446
Ion Ratio Lower Upper
83 100
85 79.2 51.6 77.4#



#31
Cyclohexane
Concen: 1.001 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

Tgt Ion: 56 Resp: 2571
Ion Ratio Lower Upper
56 100
69 172.5 25.8 38.6#
84 121.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.045 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX026534.D

Acq: 20 Jan 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

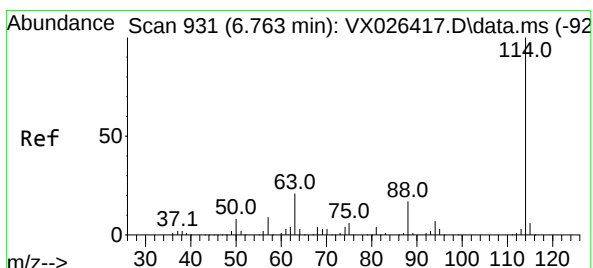
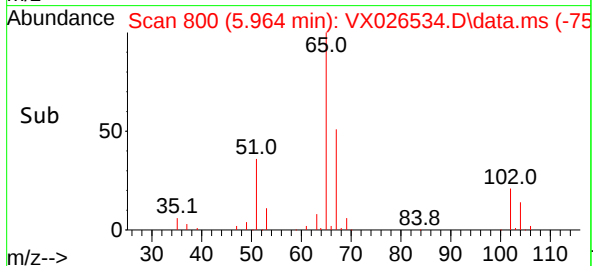
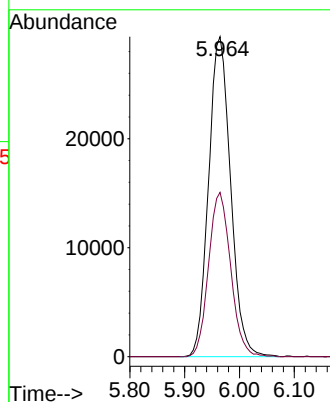
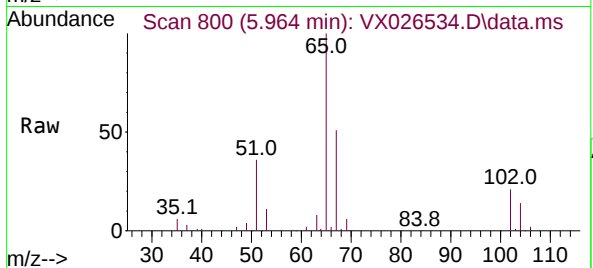
VACLOT-BACKFILL-TILCON-10

Tgt Ion: 65 Resp: 81925

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026534.D

Acq: 20 Jan 2022 18:35

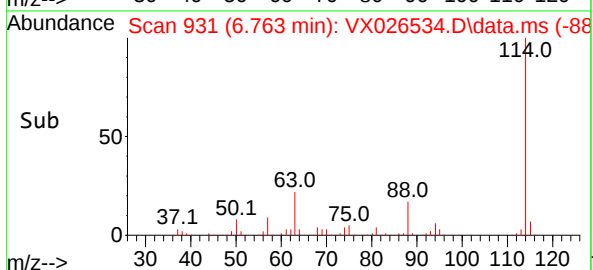
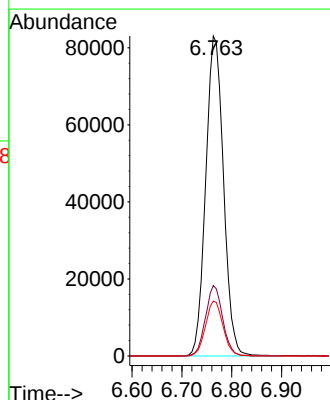
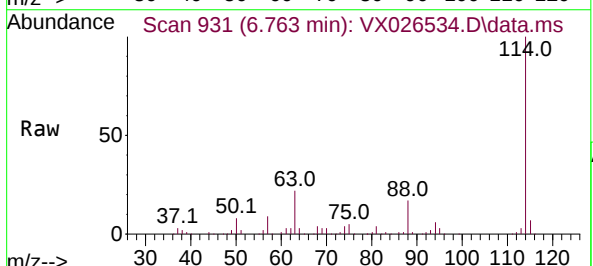
Tgt Ion: 114 Resp: 205587

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.8

88 17.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.358 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026534.D

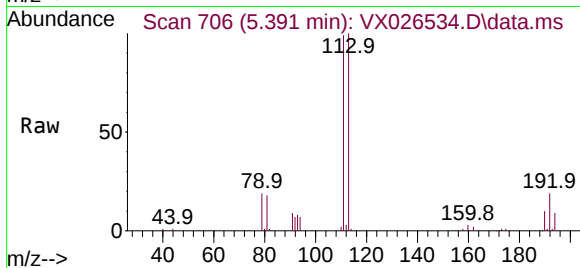
Acq: 20 Jan 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

VACLOT-BACKFILL-TILCON-10



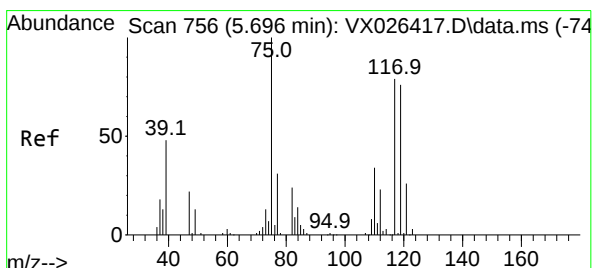
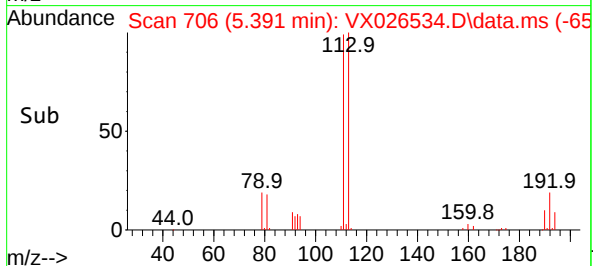
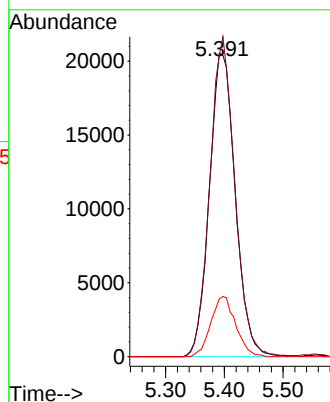
Tgt Ion:113 Resp: 62873

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

192 19.0 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.747 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX026534.D

Acq: 20 Jan 2022 18:35

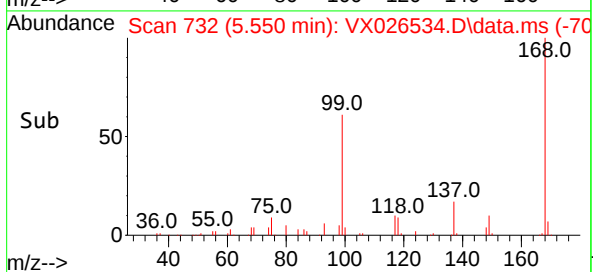
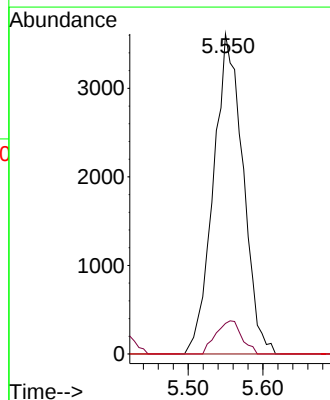
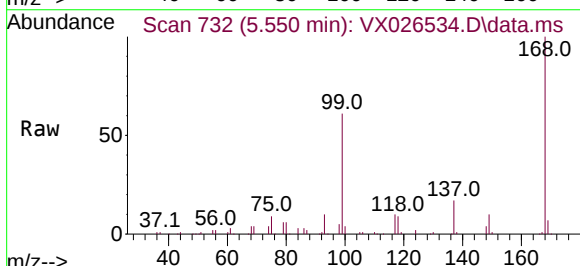
Tgt Ion: 75 Resp: 9948

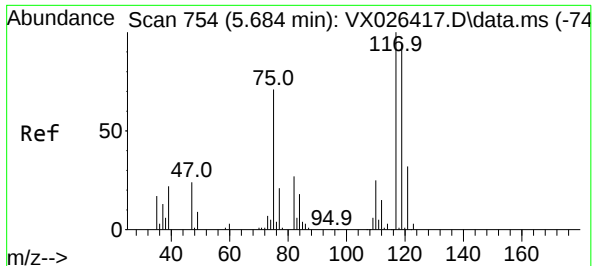
Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

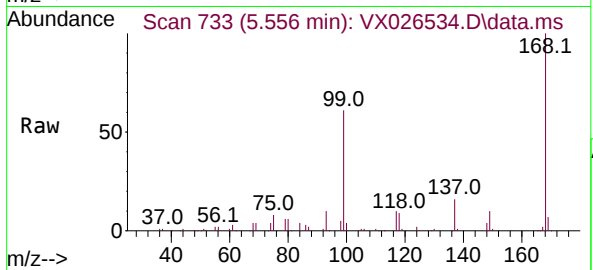
77 0.0 24.6 36.8#



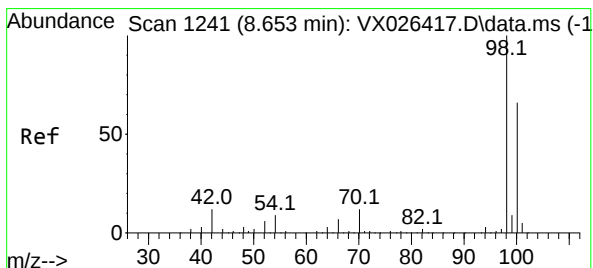
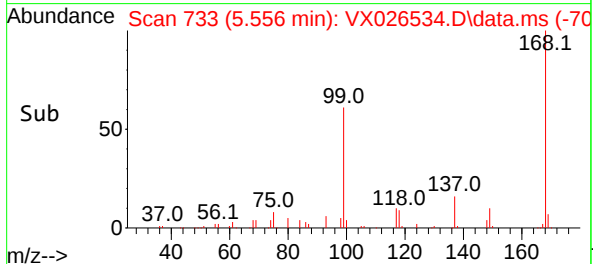
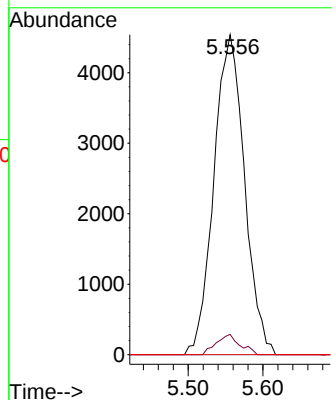


#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

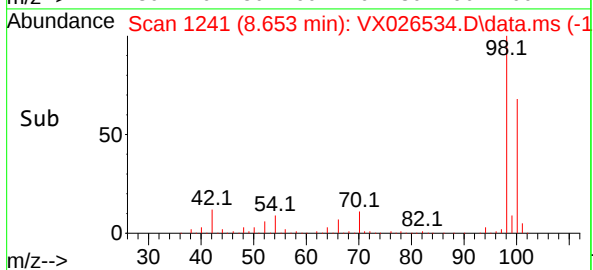
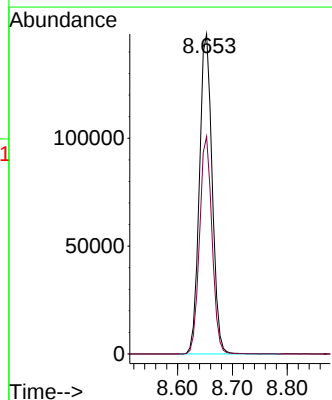
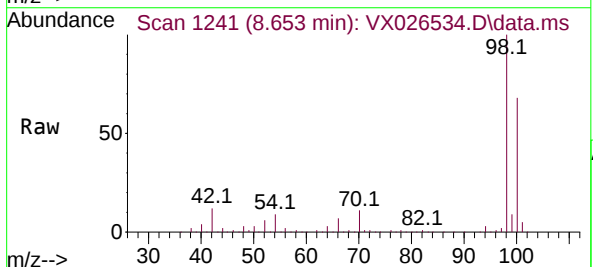


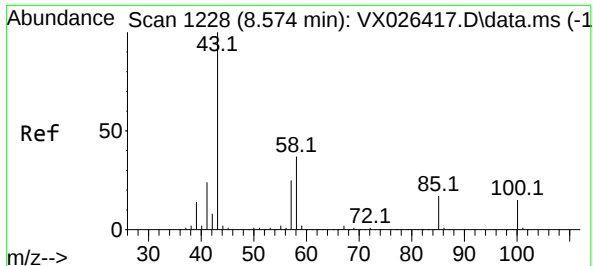
Tgt Ion:117 Resp: 12934
Ion Ratio Lower Upper
117 100
119 6.4 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.095 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

Tgt Ion: 98 Resp: 239662
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

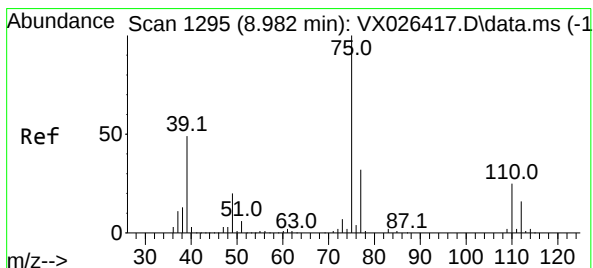
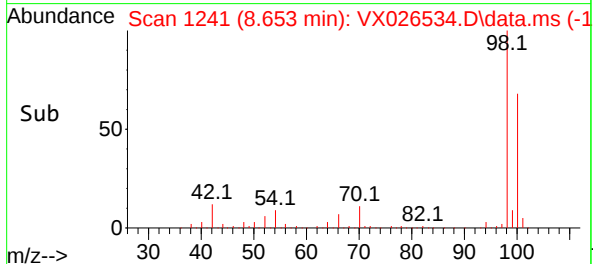
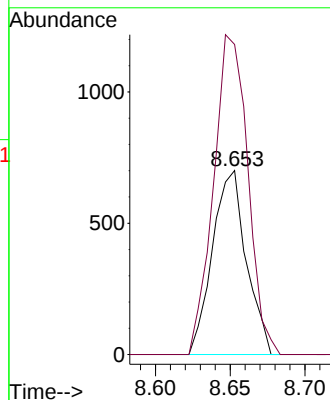
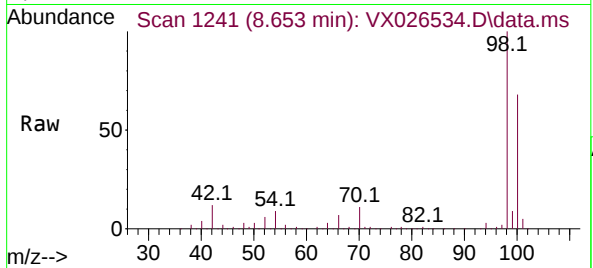




#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

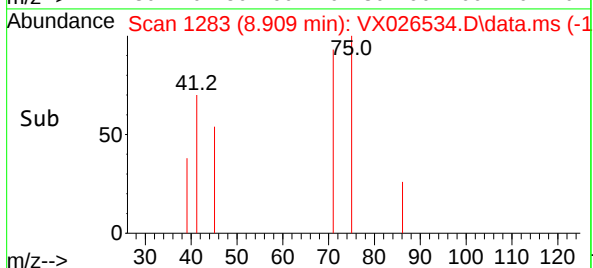
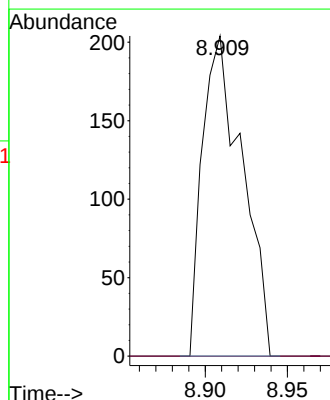
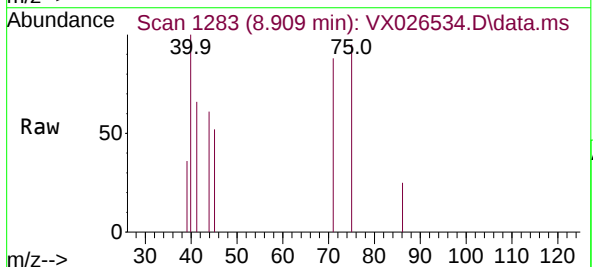
Instrument :
MSVOA_X
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

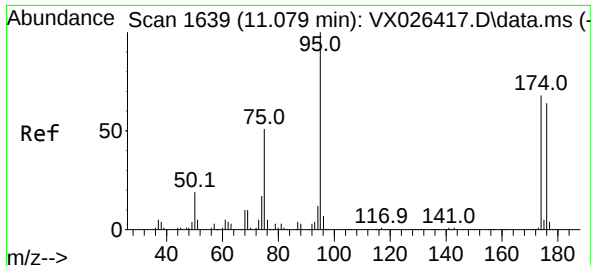
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 176.2 30.5 45.7#



#53
t-1,3-Dichloropropene
Concen: 2.029 ug/l
RT: 8.909 min Scan# 1283
Delta R.T. -0.073 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

Tgt Ion: 75 Resp: 344
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

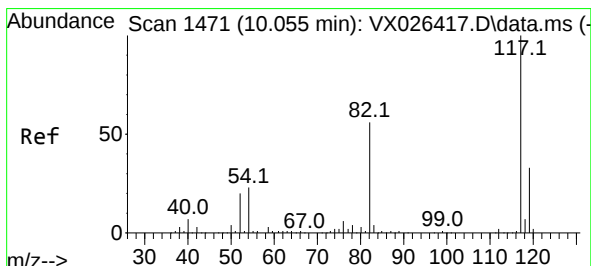
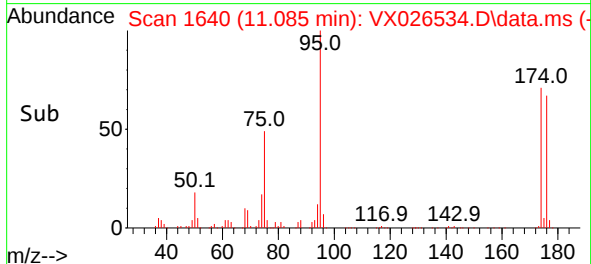
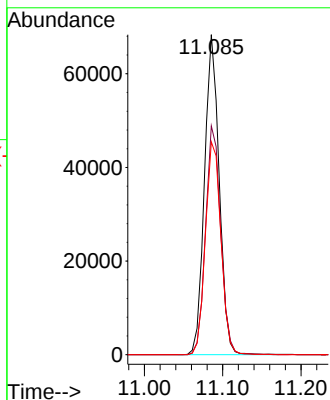
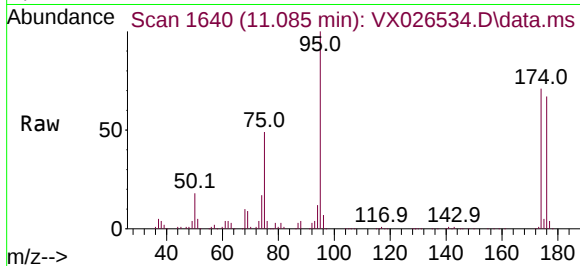




#62
4-Bromofluorobenzene
Concen: 52.357 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

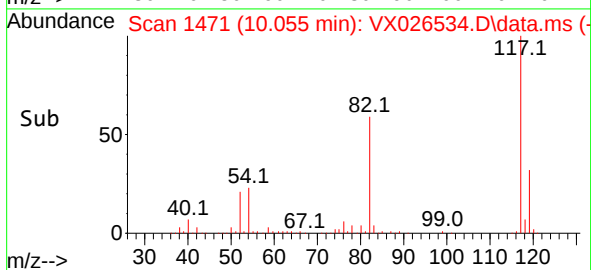
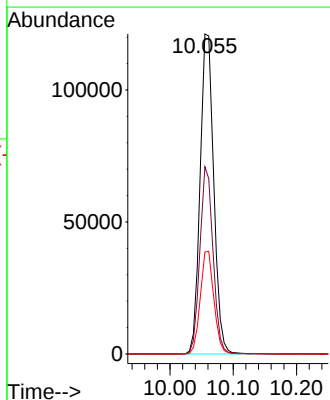
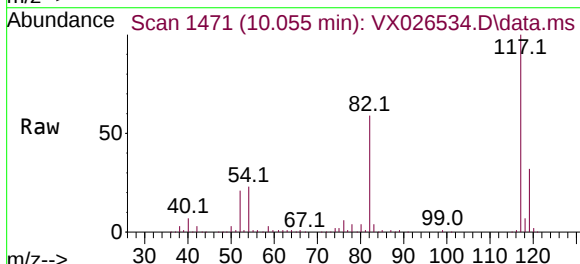
Instrument :
MSVOA_X
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

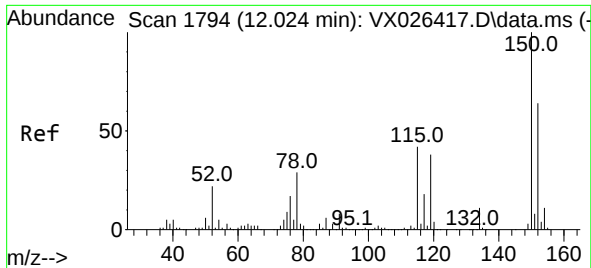
Tgt Ion: 95 Resp: 88981
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.6
176 70.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026534.D
Acq: 20 Jan 2022 18:35

Tgt Ion: 117 Resp: 182434
Ion Ratio Lower Upper
117 100
82 58.5 45.2 67.8
119 31.9 26.2 39.2

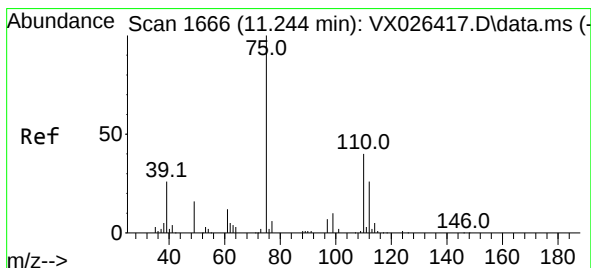
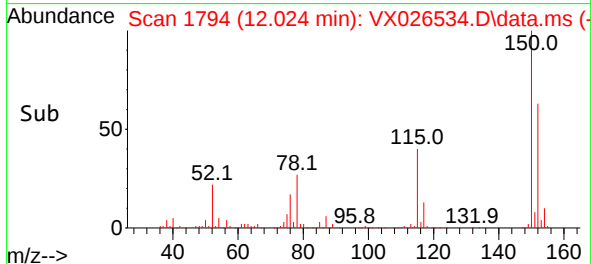
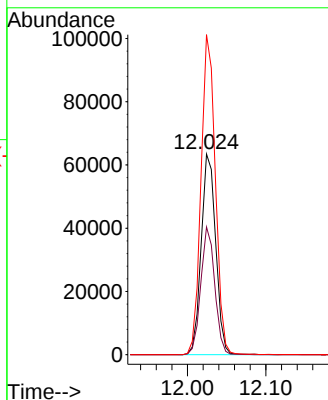
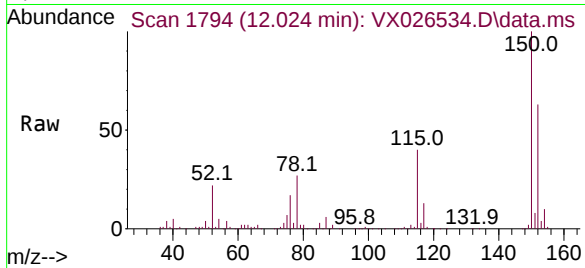




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026534.D
 Acq: 20 Jan 2022 18:35

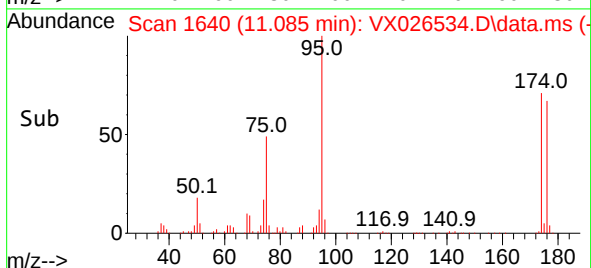
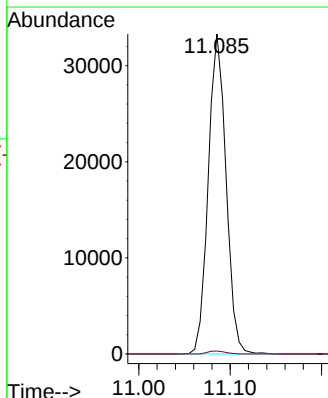
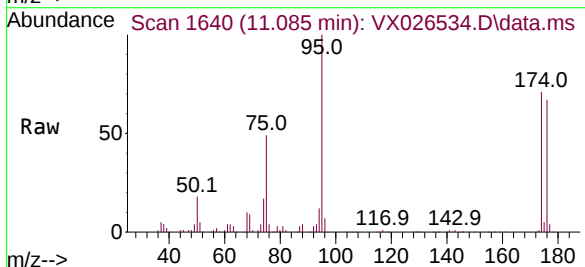
Instrument :
 MSVOA_X
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-10

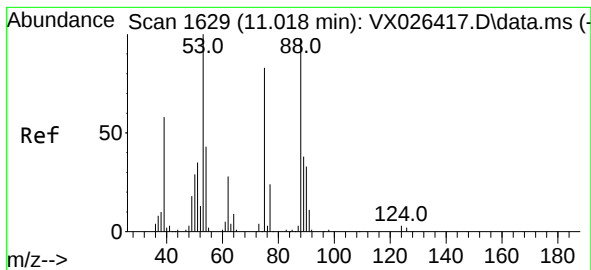
Tgt Ion:152 Resp: 81645
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.2 132.6
 150 157.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.929 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX026534.D
 Acq: 20 Jan 2022 18:35

Tgt Ion: 75 Resp: 44814
 Ion Ratio Lower Upper
 75 100
 77 0.9 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.789 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX026534.D
 Acq: 20 Jan 2022 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-10

Tgt Ion: 75 Resp: 44814
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

