

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070656.D
 Acq On : 17 Jan 2022 19:52
 Operator : JC/MD
 Sample : N1099-10
 Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 18 03:20:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

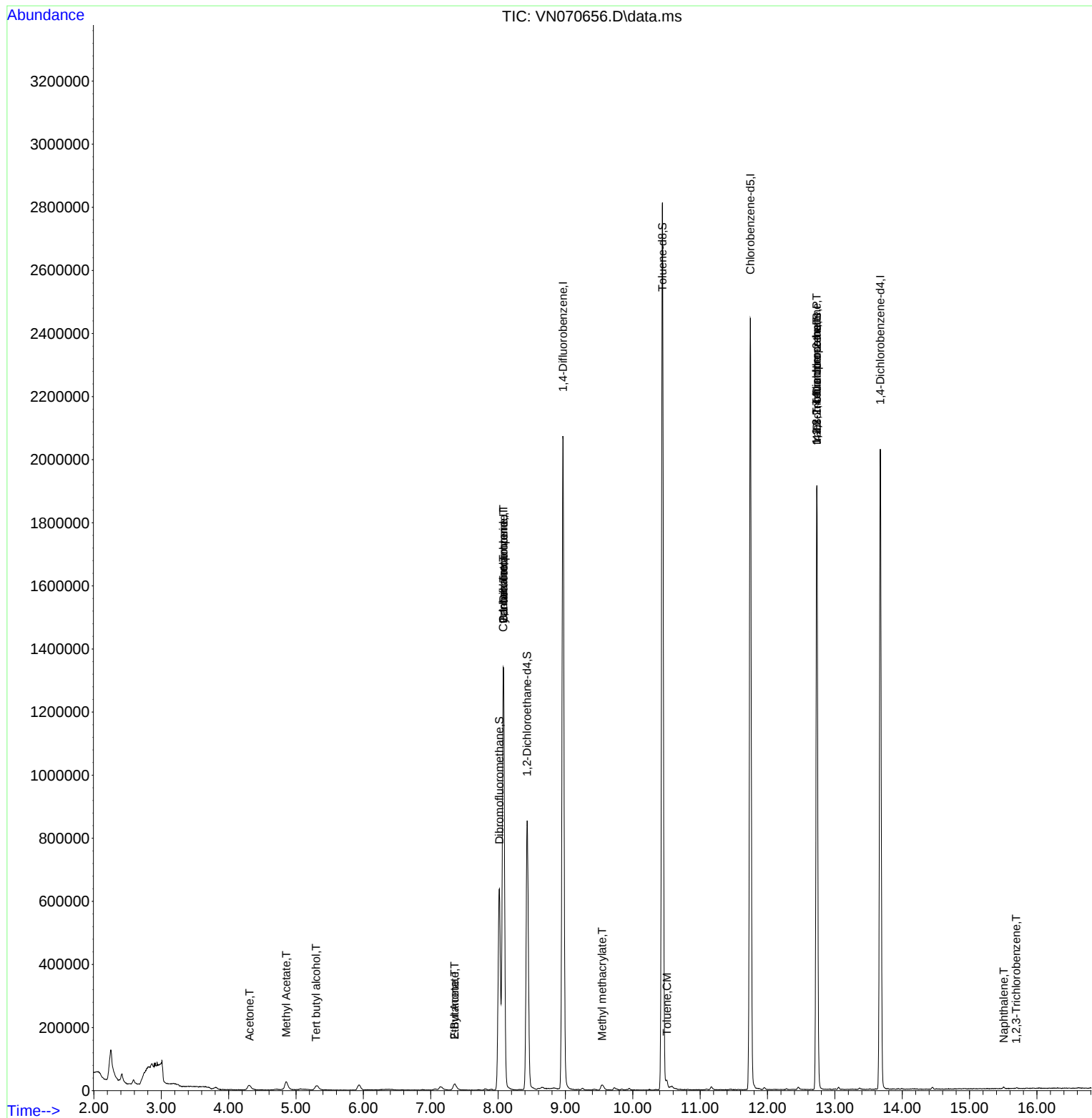
Internal Standards						
1) Pentafluorobenzene	8.080	168	1064818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1793768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1416926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	557944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	727146	47.495	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.980%
35) Dibromofluoromethane	8.019	113	481323	44.349	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.700%
50) Toluene-d8	10.441	98	1982354	44.712	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.734	95	703198	43.913	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.296	59	7230	2.836	ug/l #	71
16) Acetone	4.312	43	30665	3.085	ug/l	99
18) Methyl Acetate	4.854	43	58466	2.034	ug/l #	87
25) 2-Butanone	7.354	43	43615	3.485	ug/l	90
31) Cyclohexane	8.075	56	23380	0.968	ug/l #	1
36) 1,1-Dichloropropene	8.078	75	86245	4.804	ug/l #	48
37) Ethyl Acetate	7.354	43	43615	1.874	ug/l #	68
38) Carbon Tetrachloride	8.080	117	103582	6.042	ug/l #	16
48) Methyl methacrylate	9.545	41	4461	0.255	ug/l #	41
52) Toluene	10.505	92	7001	0.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.731	83	401	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	361942	23.448	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	361942	79.257	ug/l #	5
95) Naphthalene	15.507	128	5278	1.997	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.692	180	159	0.844	ug/l #	1

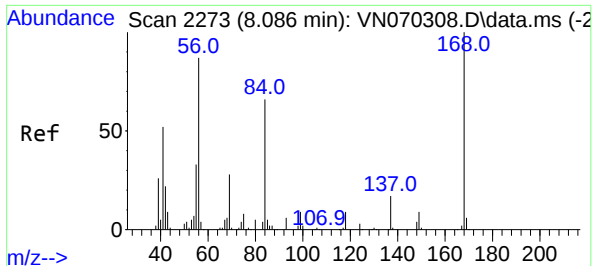
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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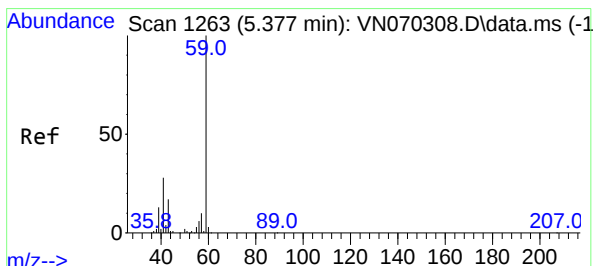
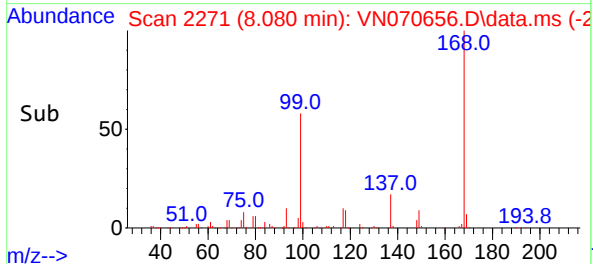
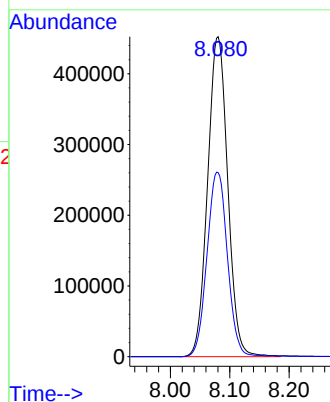
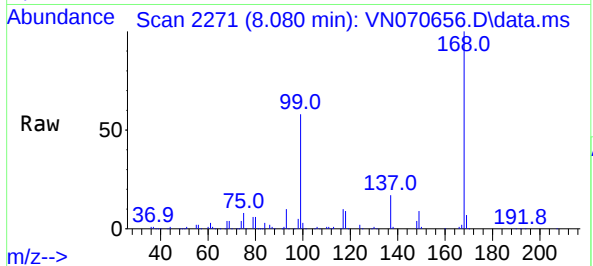




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

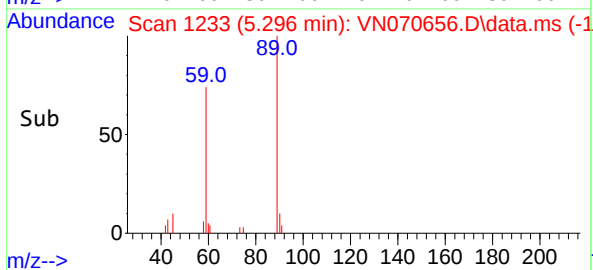
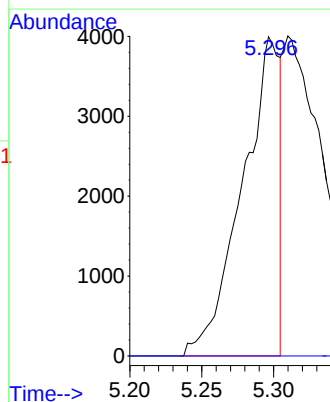
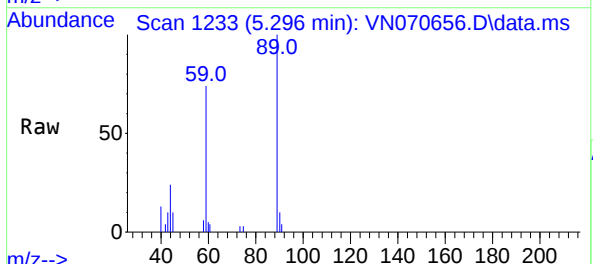
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

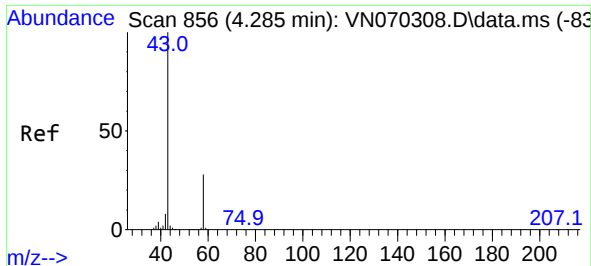
Tgt Ion:168 Resp: 1064818
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.836 ug/l
RT: 5.296 min Scan# 1233
Delta R.T. -0.081 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 59 Resp: 7230
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

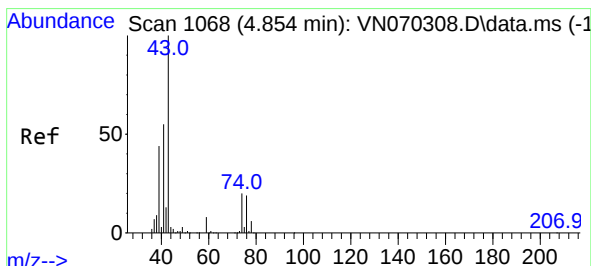
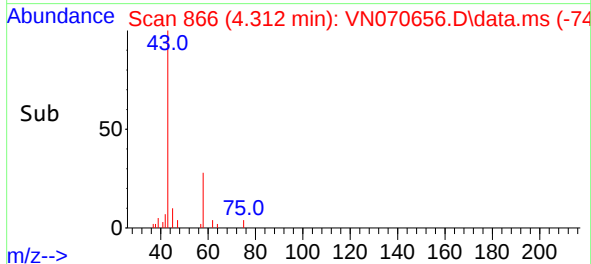
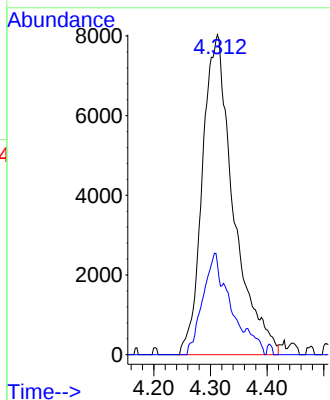
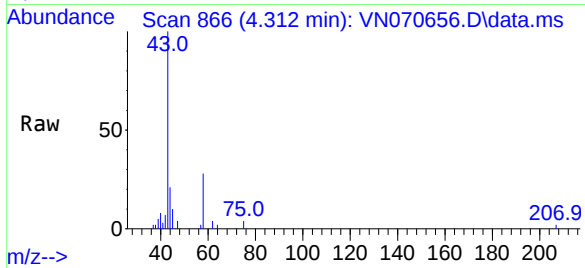




#16
Acetone
Concen: 3.085 ug/l
RT: 4.312 min Scan# 80
Delta R.T. 0.027 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

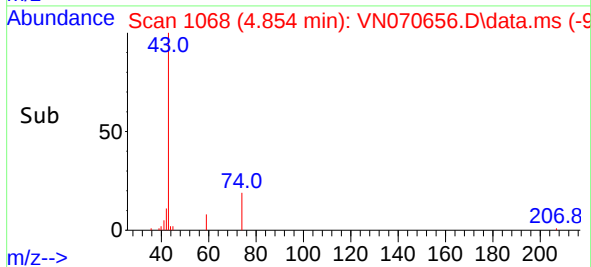
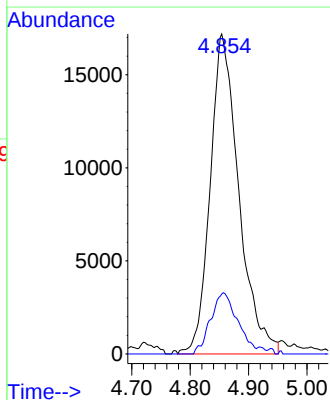
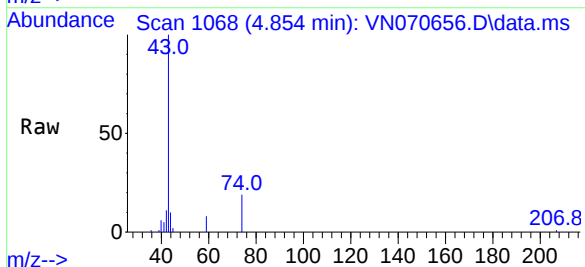
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

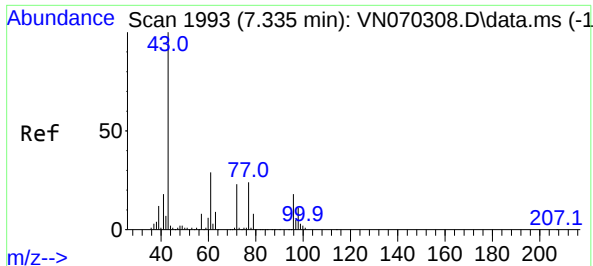
Tgt Ion: 43 Resp: 30665
Ion Ratio Lower Upper
43 100
58 28.5 23.1 34.7



#18
Methyl Acetate
Concen: 2.034 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 43 Resp: 58466
Ion Ratio Lower Upper
43 100
74 18.0 19.4 29.2#

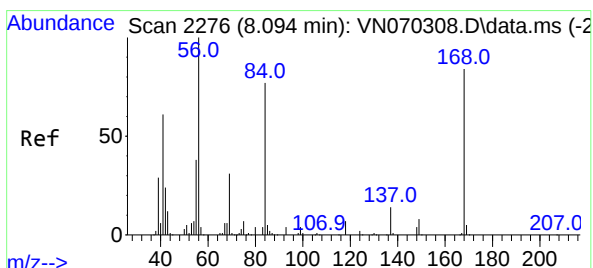
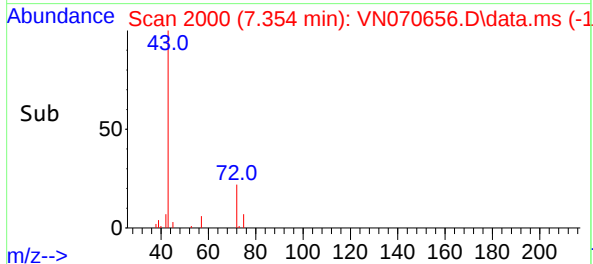
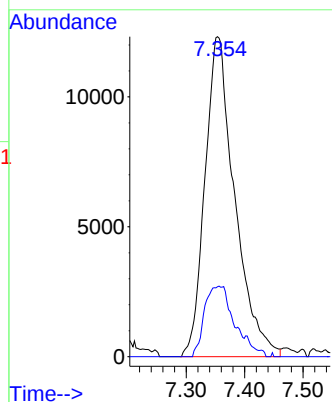
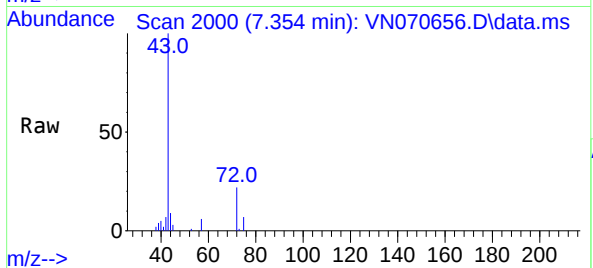




#25
2-Butanone
Concen: 3.485 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.019 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

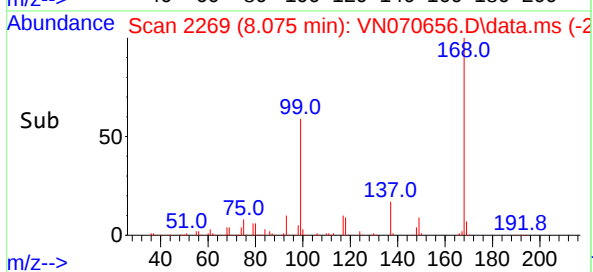
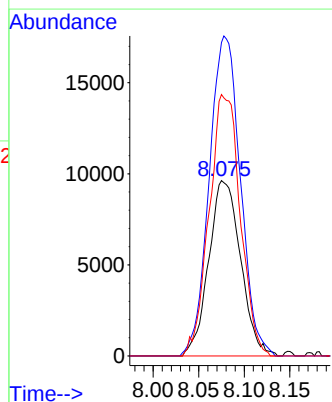
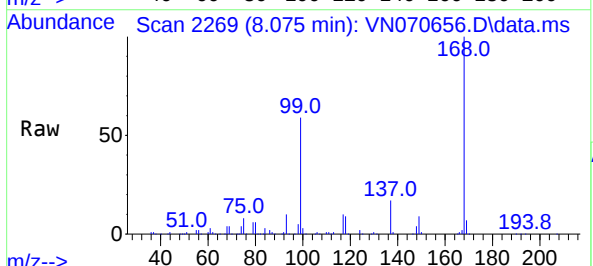
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

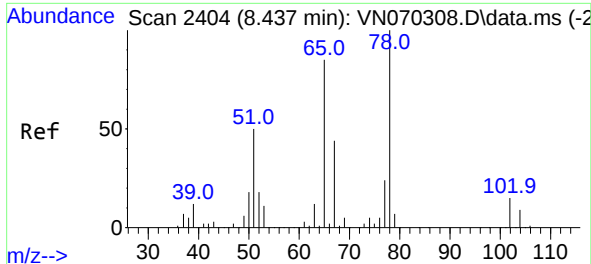
Tgt Ion: 43 Resp: 43615
Ion Ratio Lower Upper
43 100
72 21.9 21.7 32.5



#31
Cyclohexane
Concen: 0.968 ug/l
RT: 8.075 min Scan# 2269
Delta R.T. -0.019 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 56 Resp: 23380
Ion Ratio Lower Upper
56 100
69 178.8 27.1 40.7#
84 149.1 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 47.495 ug/l

RT: 8.432 min Scan# 24

Delta R.T. -0.005 min

Lab File: VN070656.D

Acq: 17 Jan 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

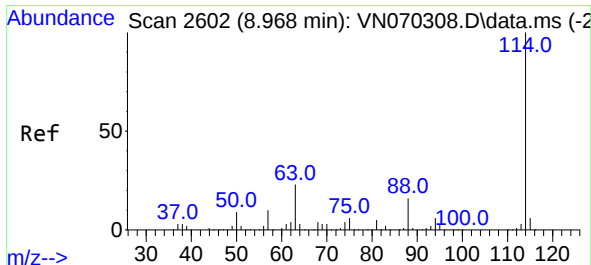
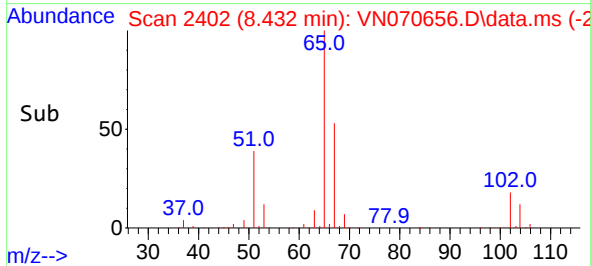
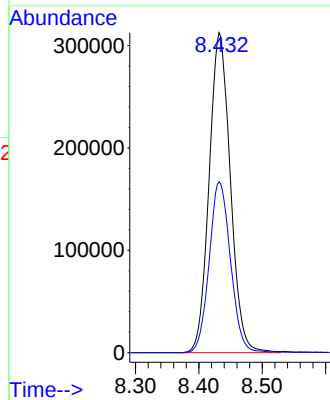
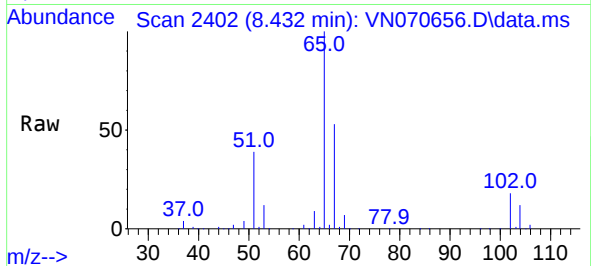
VACLOT-BACKFILL-TILCON-10

Tgt Ion: 65 Resp: 727146

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2600

Delta R.T. -0.005 min

Lab File: VN070656.D

Acq: 17 Jan 2022 19:52

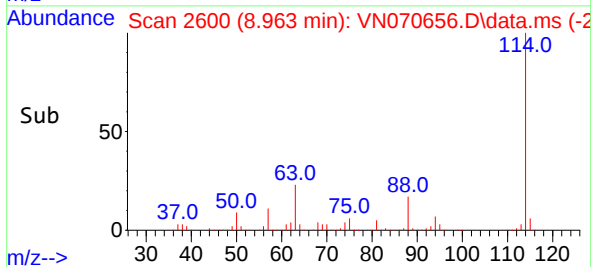
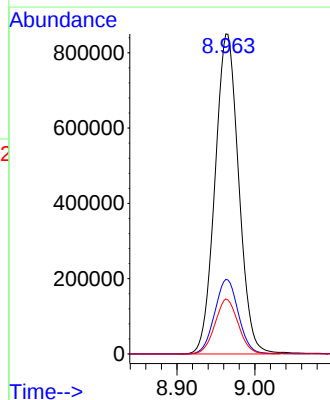
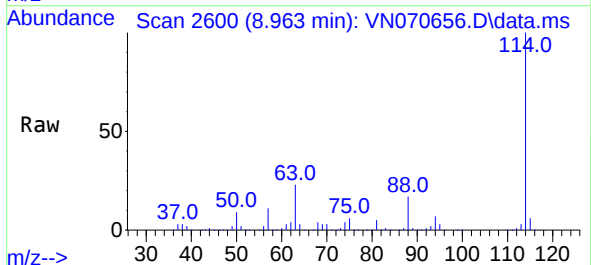
Tgt Ion: 114 Resp: 1793768

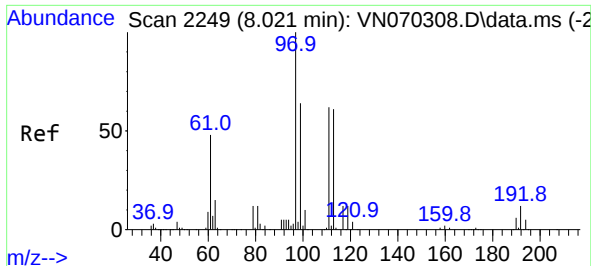
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 17.2 0.0 27.4

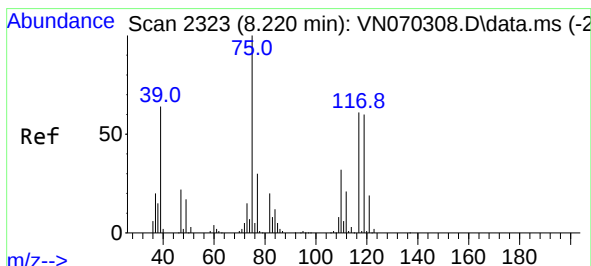
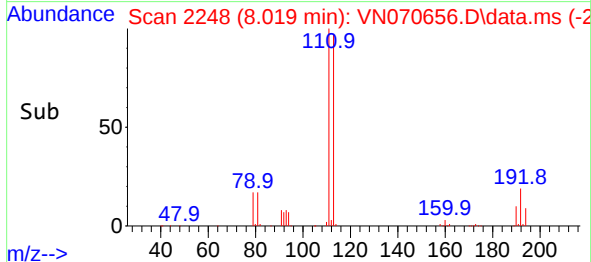
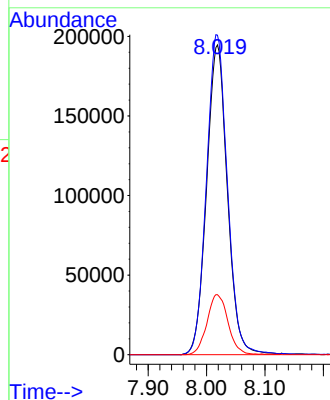
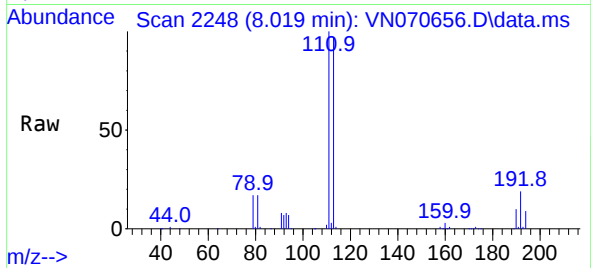




#35
Dibromofluoromethane
Concen: 44.349 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

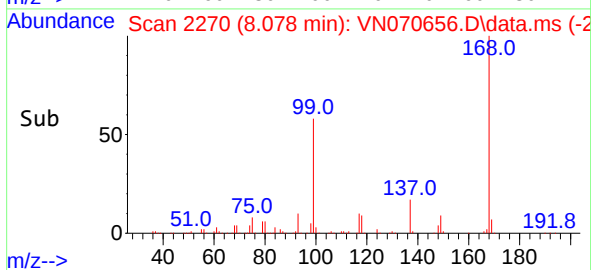
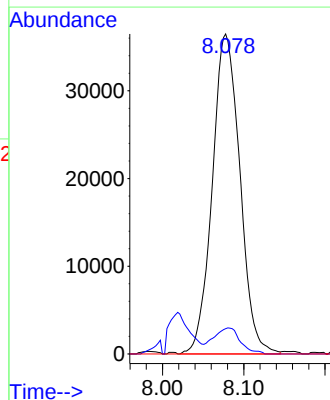
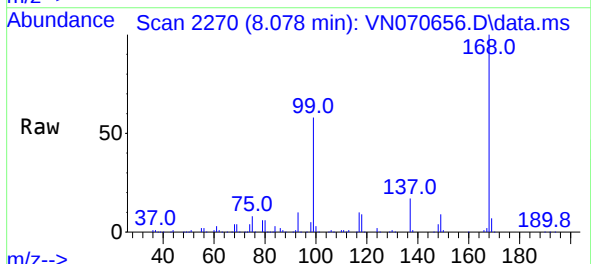
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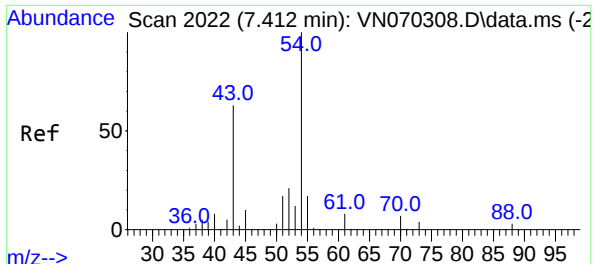
Tgt Ion:113 Resp: 481323
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.142 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 75 Resp: 86245
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 24.4 36.6#

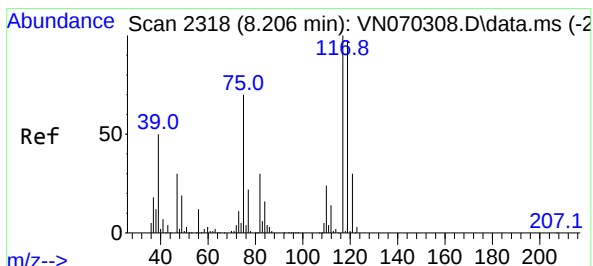
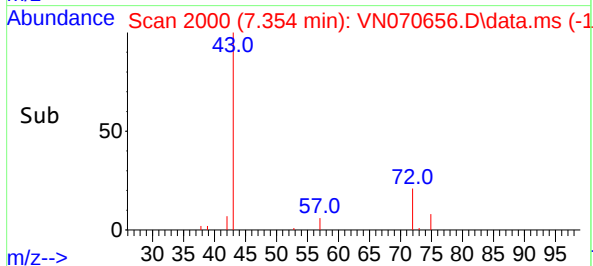
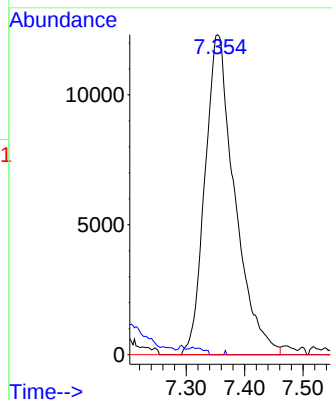
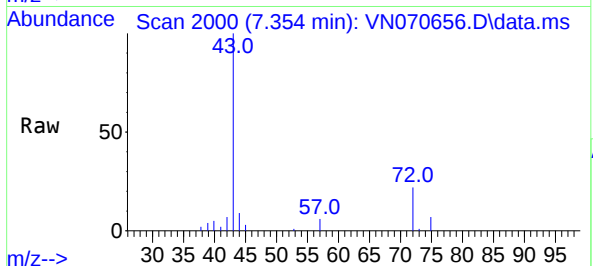




#37
Ethyl Acetate
Concen: 1.874 ug/l
RT: 7.354 min Scan# 20
Delta R.T. -0.058 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

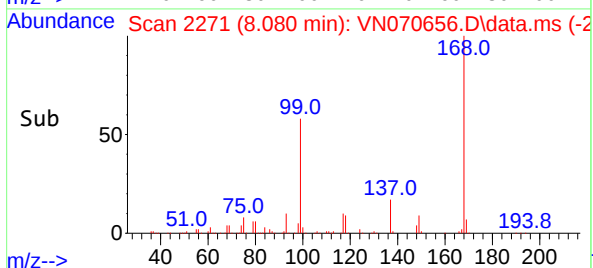
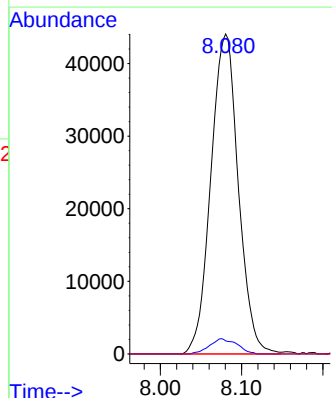
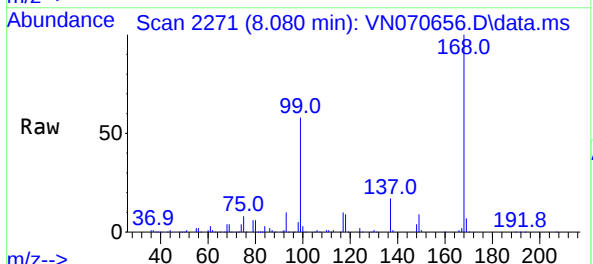
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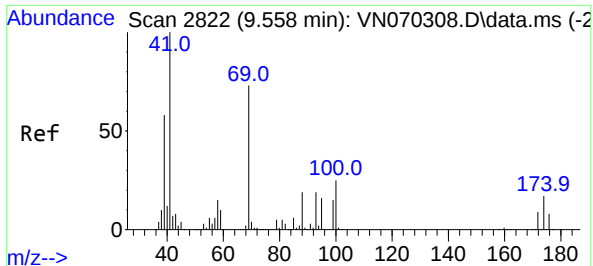
Tgt Ion: 43 Resp: 43615
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.042 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 117 Resp: 103582
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.2 36.2#

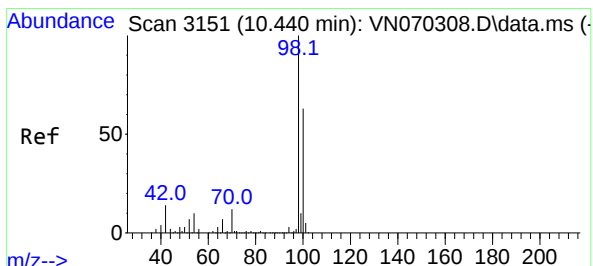
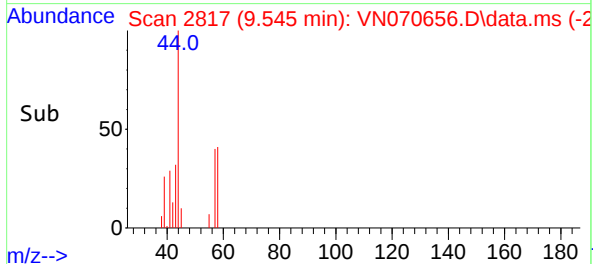
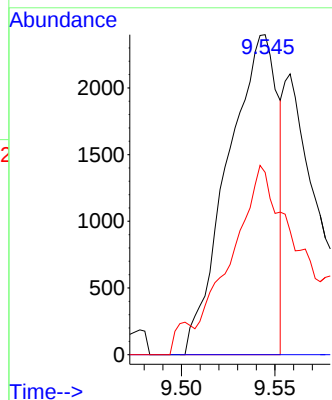
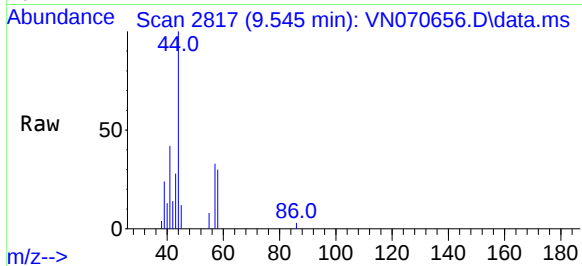




#48
Methyl methacrylate
Concen: 0.255 ug/l
RT: 9.545 min Scan# 21
Delta R.T. -0.013 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

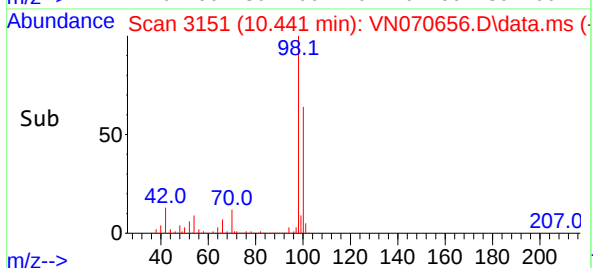
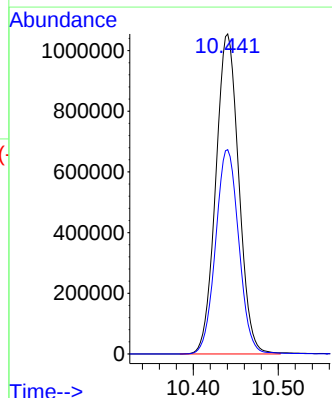
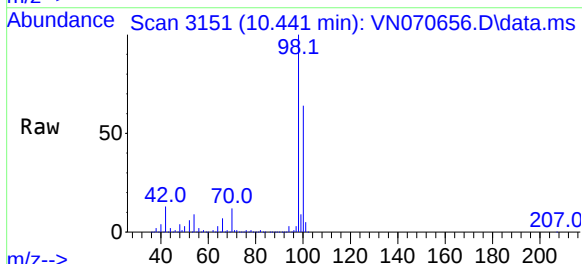
Instrument :
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VACLOT-BACKFILL-TILCON-10

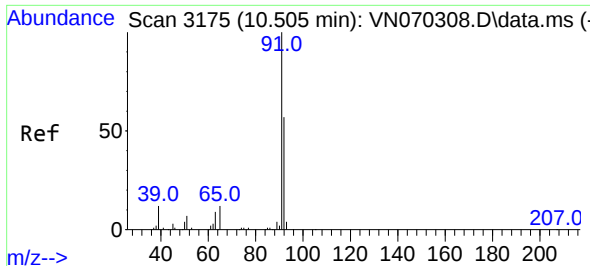
Tgt Ion: 41 Resp: 4461
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 61.6 58.4 87.6



#50
Toluene-d8
Concen: 44.712 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 98 Resp: 1982354
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

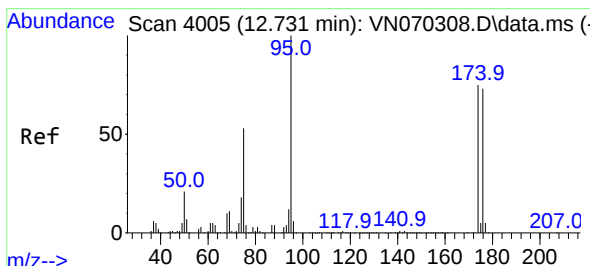
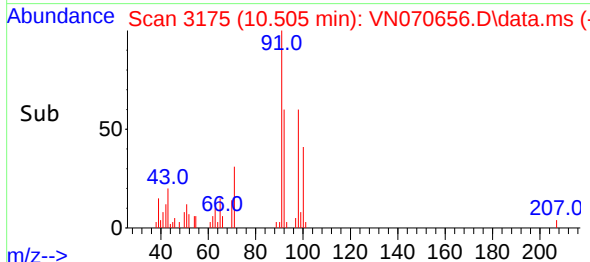
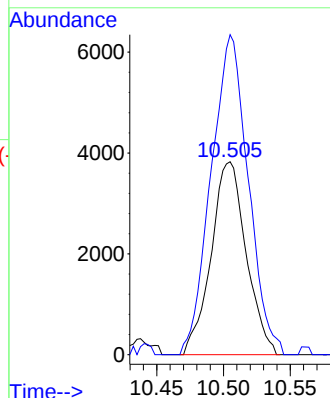
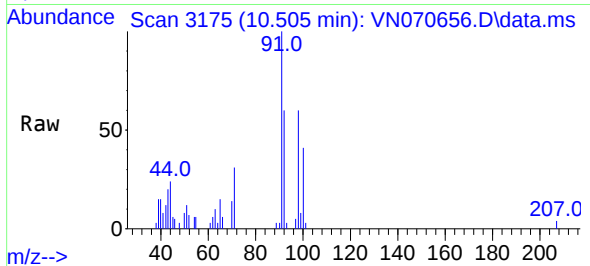




#52
Toluene
Concen: 0.210 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

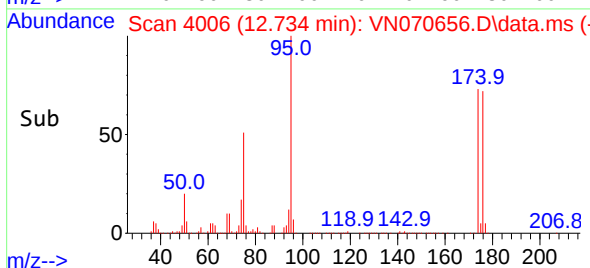
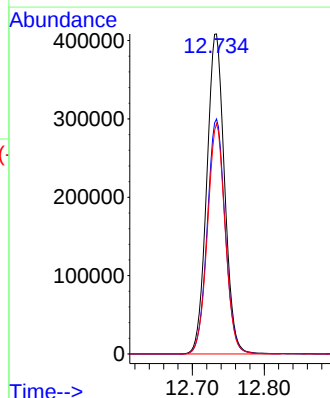
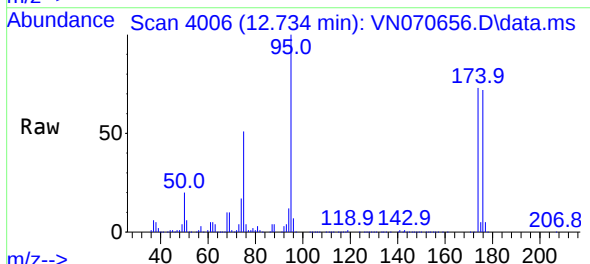
Instrument : MSVOA_N
ClientSampleId : VACLOT-BACKFILL-TILCON-10

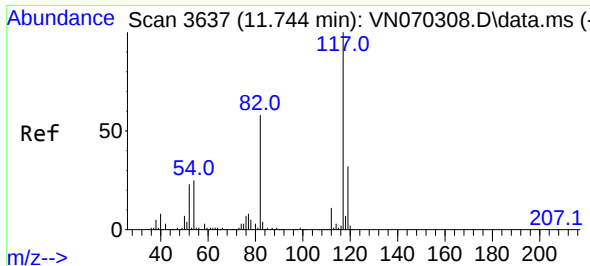
Tgt Ion: 92 Resp: 7001
Ion Ratio Lower Upper
92 100
91 175.5 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 43.913 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

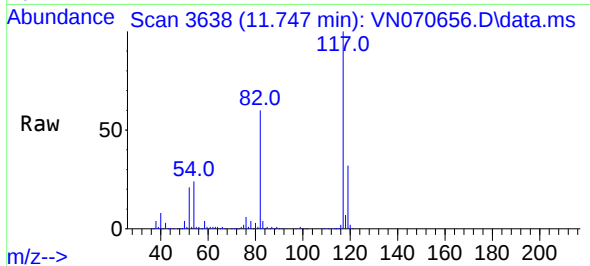
Tgt Ion: 95 Resp: 703198
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.3 0.0 181.4





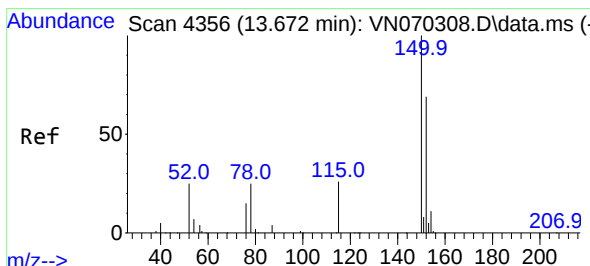
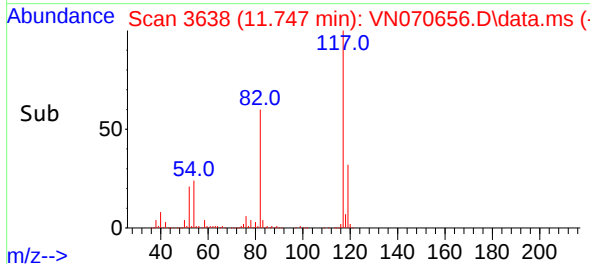
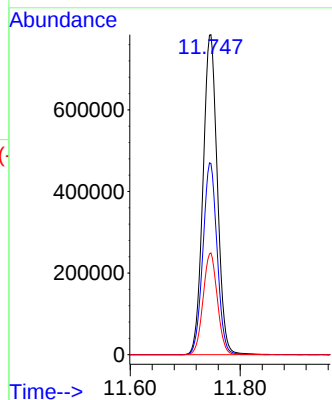
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

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



Tgt Ion:117 Resp: 1416926

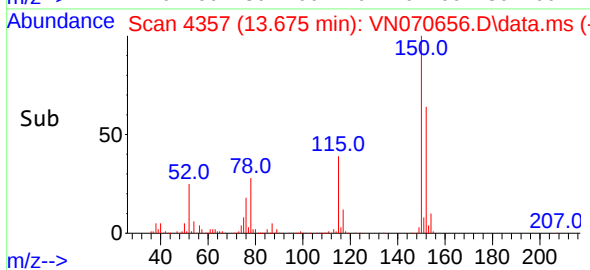
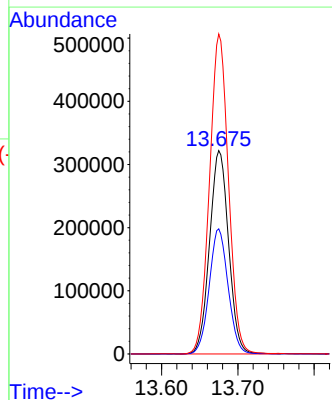
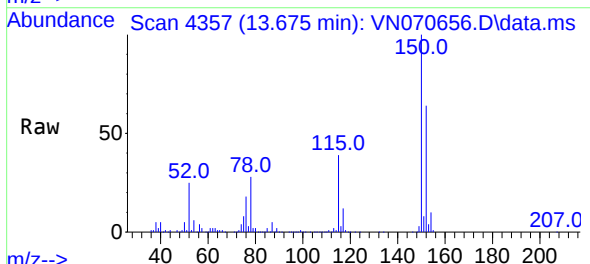
Ion	Ratio	Lower	Upper
117	100		
82	59.8	42.4	63.6
119	31.8	25.4	38.2

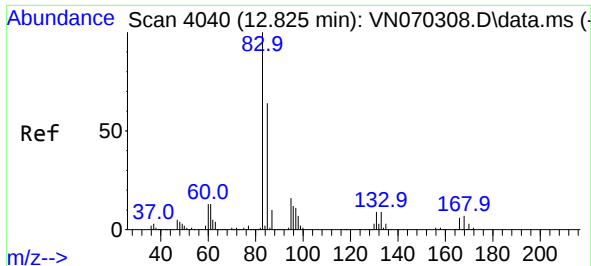


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion:152 Resp: 557944

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.5	82.5
150	156.6	0.0	344.4

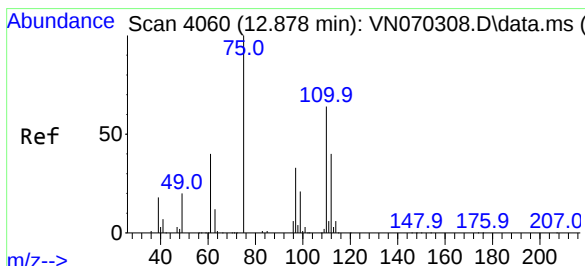
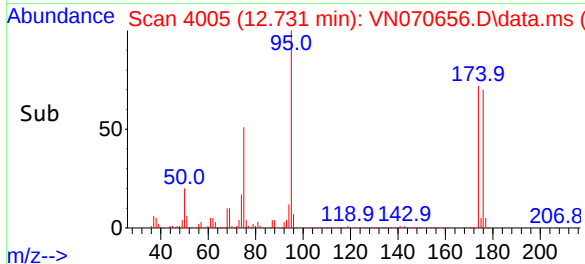
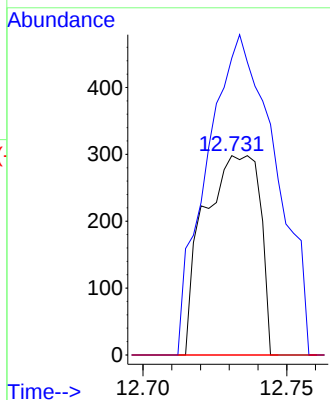
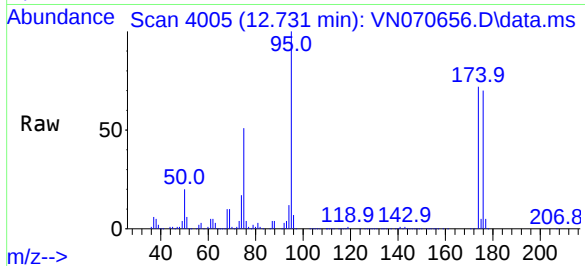




#75
1,1,2,2-Tetrachloroethane
Concen: 0.468 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.094 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

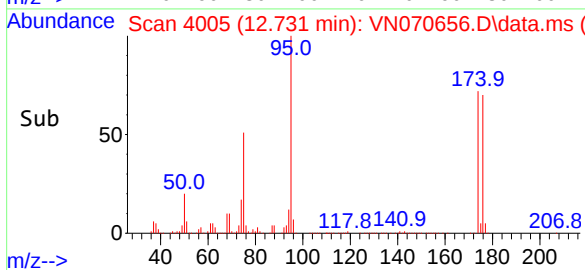
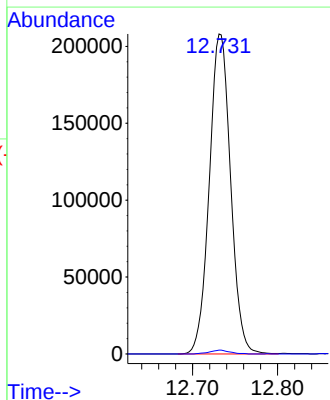
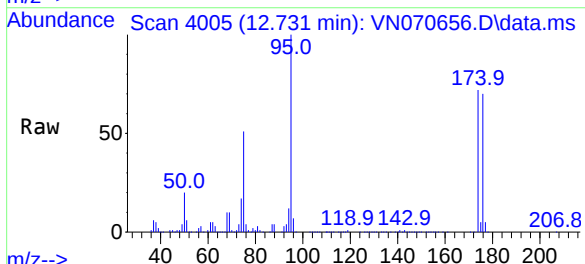
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

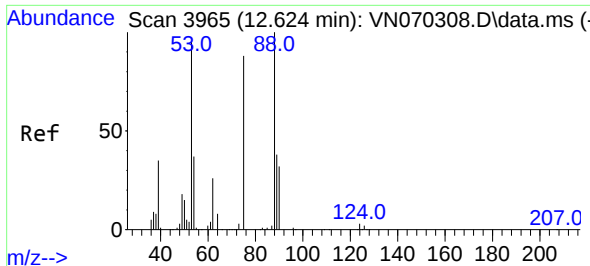
Tgt Ion: 83 Resp: 401
Ion Ratio Lower Upper
83 100
131 198.8 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 23.448 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 75 Resp: 361942
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

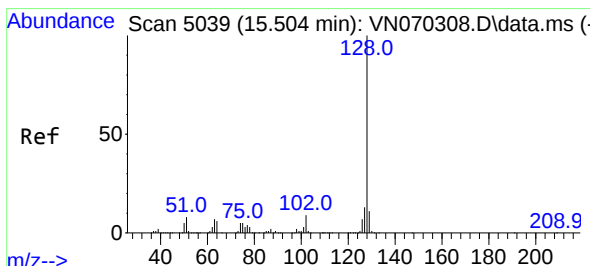
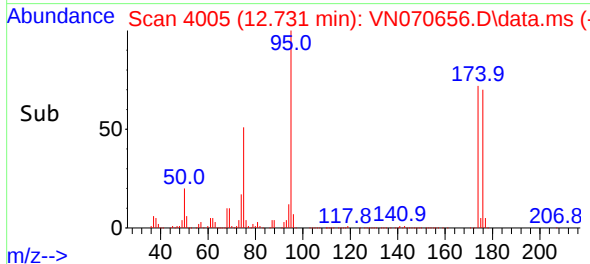
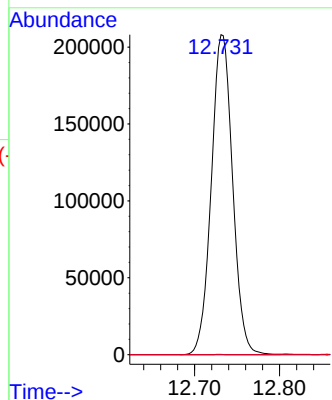
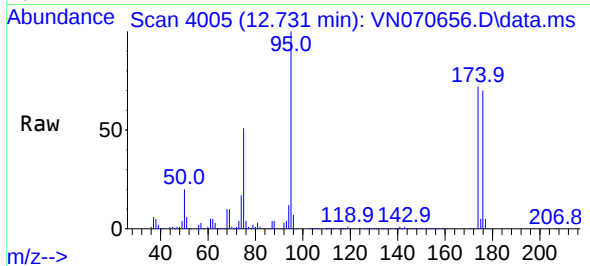




#81
trans-1,4-Dichloro-2-butene
Concen: 79.257 ug/l
RT: 12.731 min Scan# 40
Delta R.T. 0.107 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

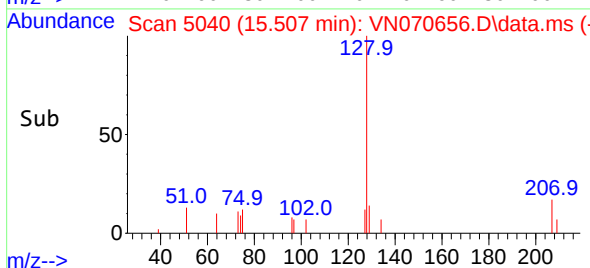
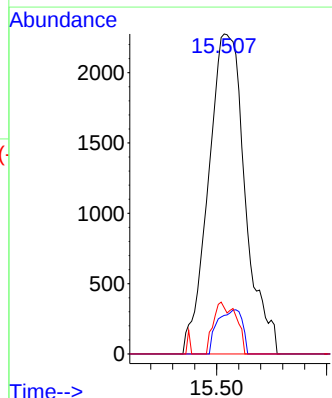
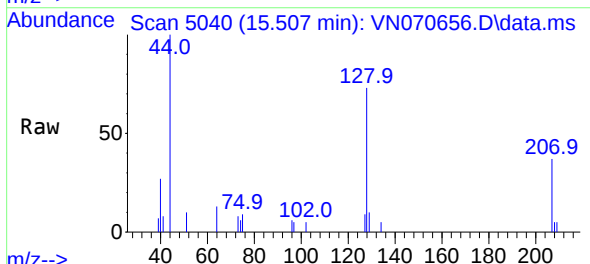
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

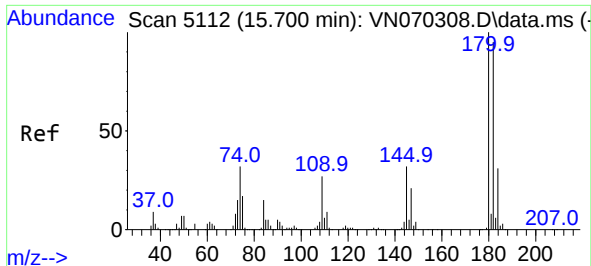
Tgt Ion: 75 Resp: 361942
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.997 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

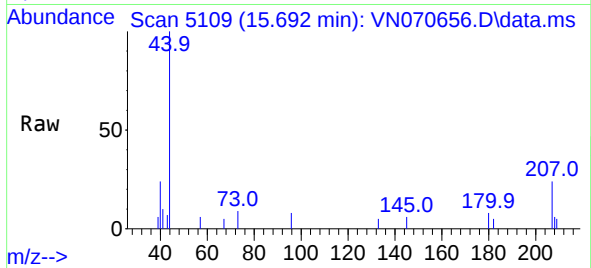
Tgt Ion:128 Resp: 5278
Ion Ratio Lower Upper
128 100
127 9.3 10.5 15.7#
129 9.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.844 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070656.D
 Acq: 17 Jan 2022 19:52

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



Tgt Ion:180 Resp: 159
 Ion Ratio Lower Upper
 180 100
 182 183.0 47.4 142.2#
 145 142.8 15.0 45.1#

