

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040622\
 Data File : VD072549.D
 Acq On : 06 Apr 2022 14:11
 Operator : VA/SY
 Sample : N2252-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-040422

Quant Time: Apr 07 01:11:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

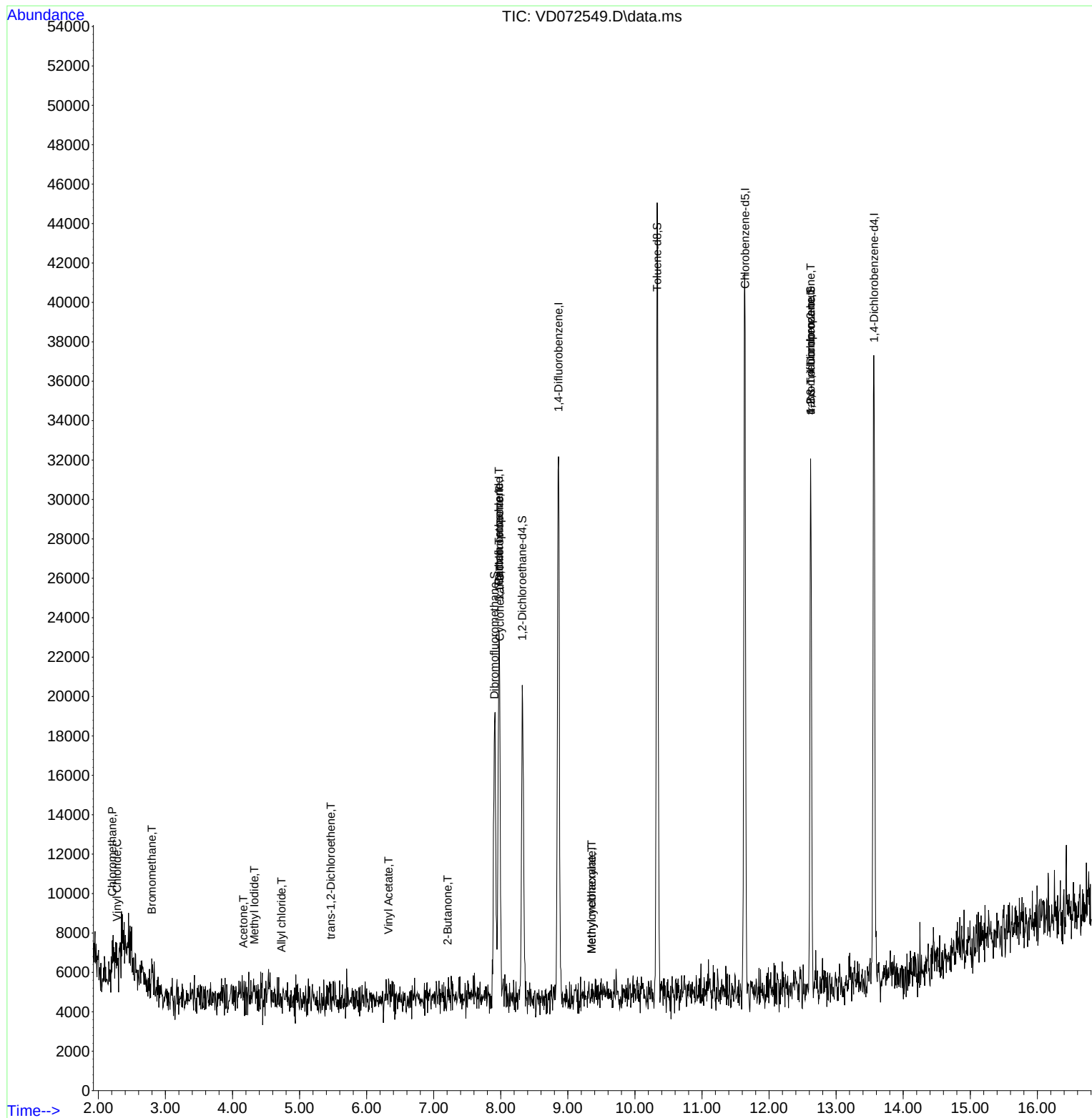
Internal Standards						
1) Pentafluorobenzene	7.973	168	13457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	24584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	23548	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	11996	73.691	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.380%			
35) Dibromofluoromethane	7.902	113	10156	53.158	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.320%			
50) Toluene-d8	10.332	98	26003	39.155	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 78.300%			
62) 4-Bromofluorobenzene	12.620	95	8918	34.384	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.760%			
Target Compounds						Qvalue
3) Chloromethane	2.208	50	905	9.161	ug/l #	80
4) Vinyl Chloride	2.279	62	57	1.443	ug/l #	43
5) Bromomethane	2.797	94	987	12.966	ug/l #	54
10) Methyl Iodide	4.326	142	885	9.414	ug/l #	54
14) Allyl chloride	4.732	41	61	1.408	ug/l #	22
16) Acetone	4.161	43	242	7.972	ug/l #	47
21) trans-1,2-Dichloroethene	5.467	96	53	1.108	ug/l #	1
23) Vinyl Acetate	6.326	43	60	6.513	ug/l #	75
25) 2-Butanone	7.208	43	54	1.286	ug/l #	52
31) Cyclohexane	7.985	56	246	1.156	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	1145	5.708	ug/l #	43
38) Carbon Tetrachloride	7.973	117	1439	5.467	ug/l #	13
39) Methylcyclohexane	9.355	83	390	4.169	ug/l #	53
48) Methyl methacrylate	9.355	41	150	1.591	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	4677	47.737	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	4677	117.138	ug/l #	7

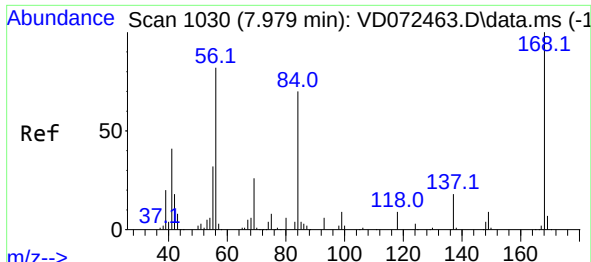
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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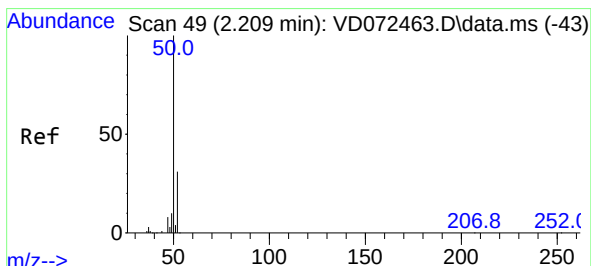
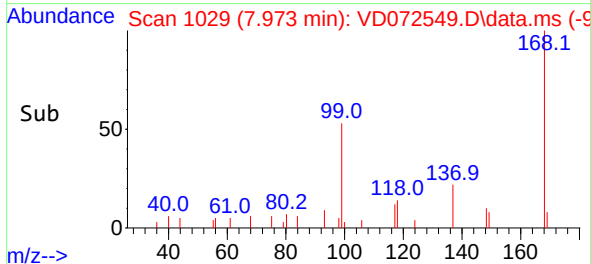
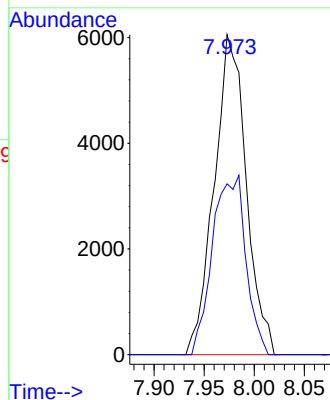
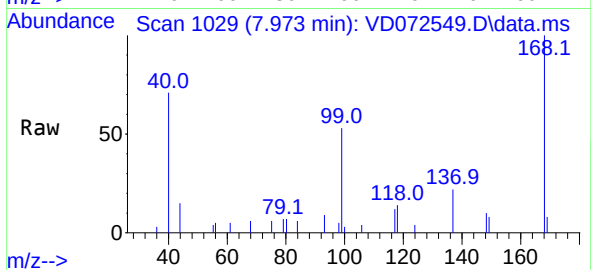




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

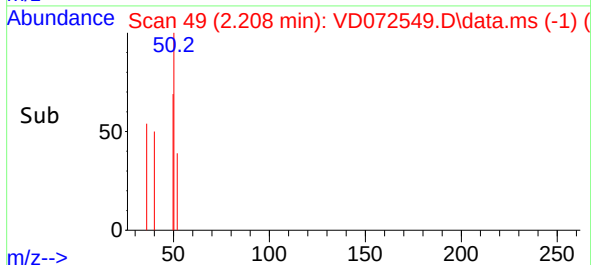
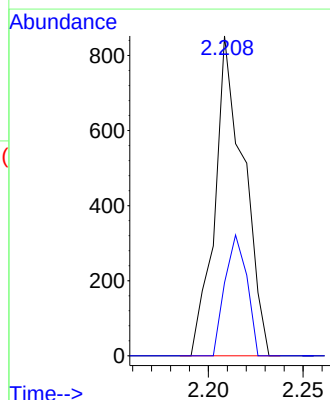
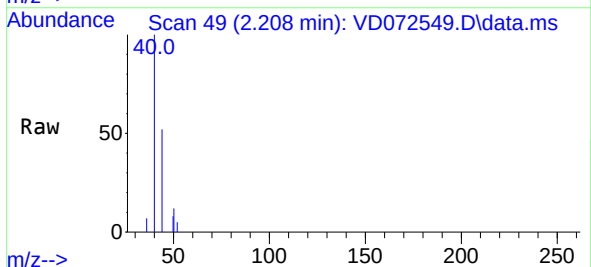
Instrument :
MSVOA_D
ClientSampleId :
OK-01-040422

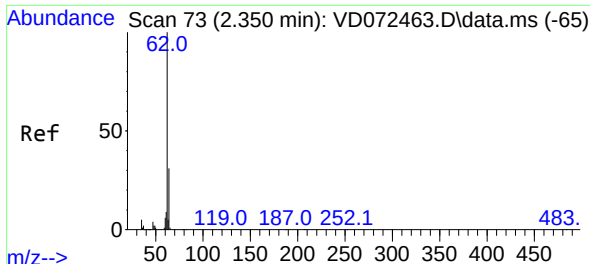
Tgt Ion:168 Resp: 13457
Ion Ratio Lower Upper
168 100
99 53.4 49.8 74.6



#3
Chloromethane
Concen: 9.161 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Tgt Ion: 50 Resp: 905
Ion Ratio Lower Upper
50 100
52 22.9 27.4 41.0#

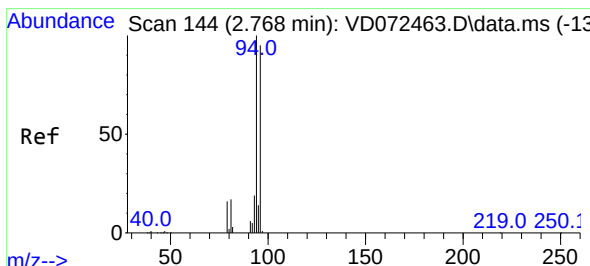
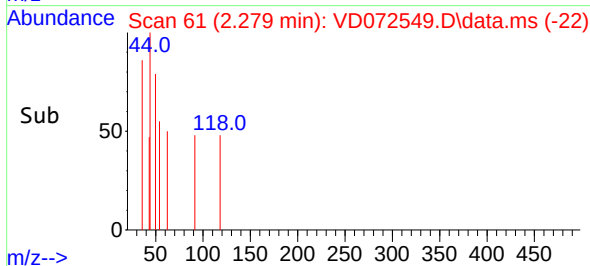
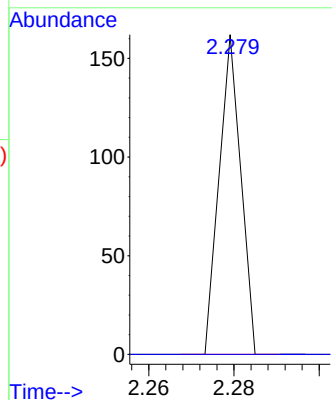
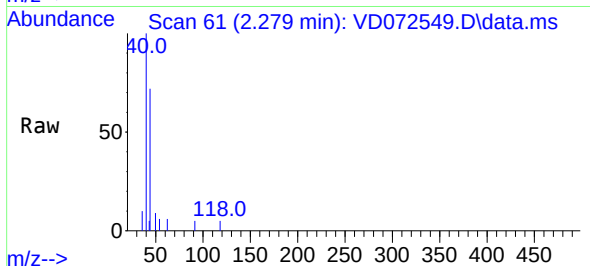




#4
 Vinyl Chloride
 Concen: 1.443 ug/l
 RT: 2.279 min Scan# 61
 Delta R.T. -0.071 min
 Lab File: VD072549.D
 Acq: 06 Apr 2022 14:11

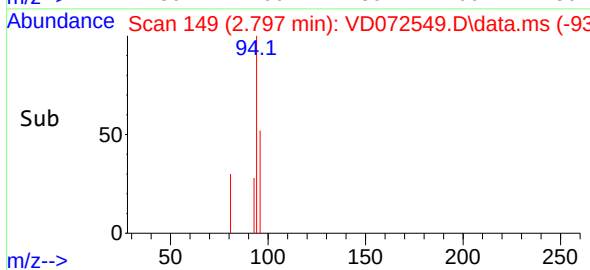
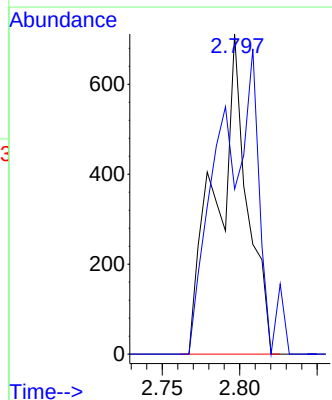
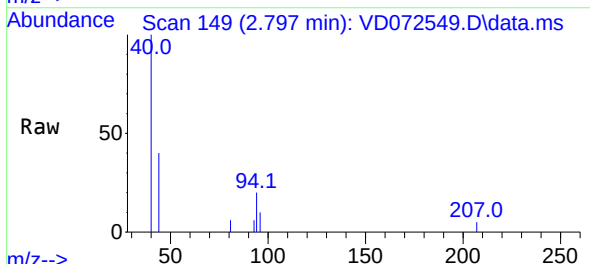
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-040422

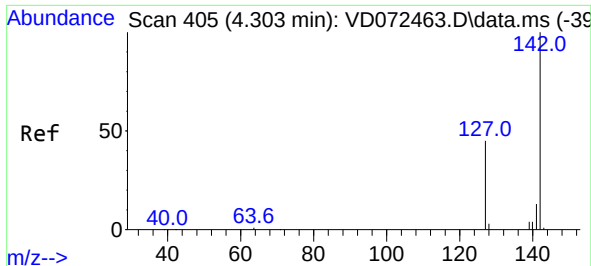
Tgt Ion: 62 Resp: 57
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 12.966 ug/l
 RT: 2.797 min Scan# 149
 Delta R.T. 0.029 min
 Lab File: VD072549.D
 Acq: 06 Apr 2022 14:11

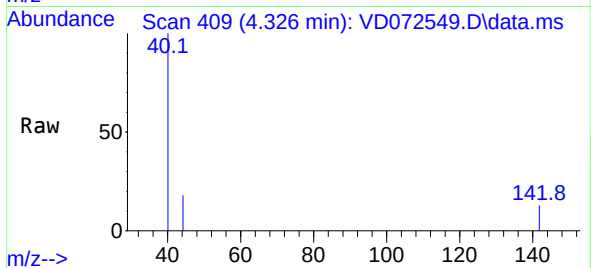
Tgt Ion: 94 Resp: 987
 Ion Ratio Lower Upper
 94 100
 96 51.5 77.6 116.4#



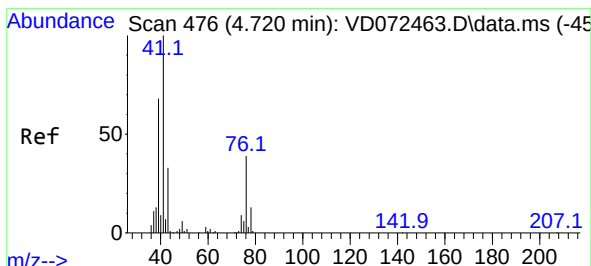
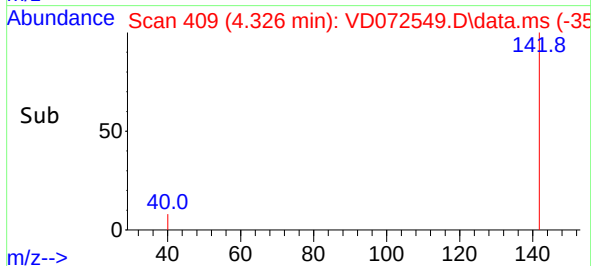
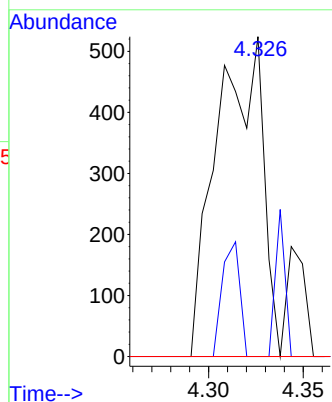


#10
Methyl Iodide
Concen: 9.414 ug/l
RT: 4.326 min Scan# 405
Delta R.T. 0.023 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Instrument :
MSVOA_D
ClientSampleId :
OK-01-040422

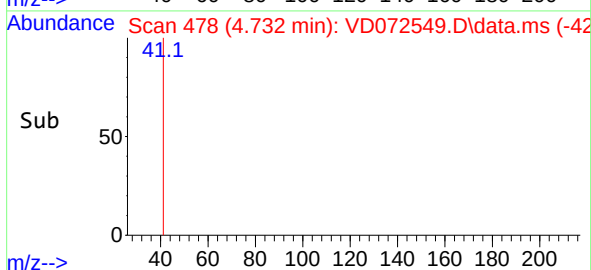
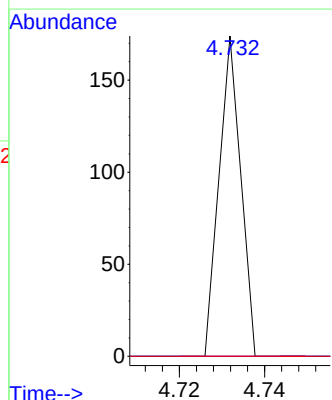
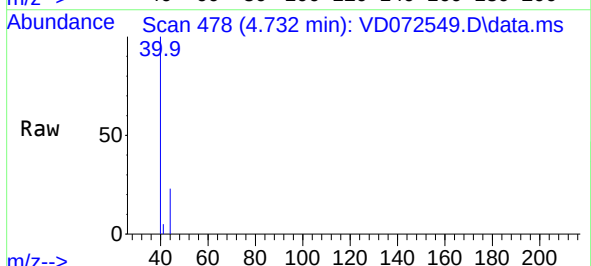


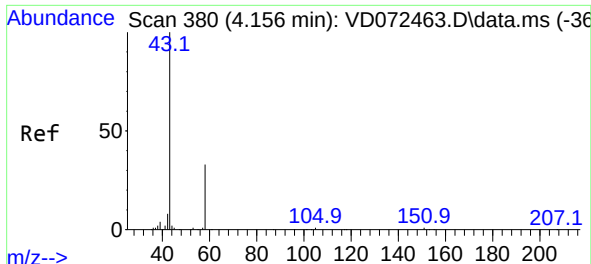
Tgt Ion:142 Resp: 885
Ion Ratio Lower Upper
142 100
127 13.7 37.3 55.9#
141 0.0 11.7 17.5#



#14
Allyl chloride
Concen: 1.408 ug/l
RT: 4.732 min Scan# 478
Delta R.T. 0.012 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
76 0.0 25.7 38.5#

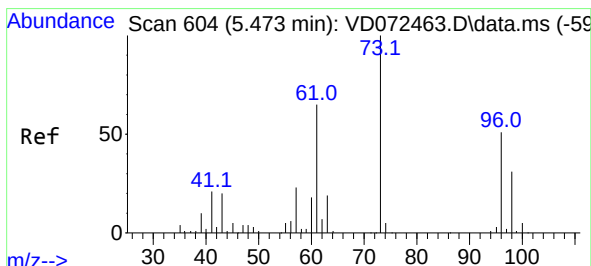
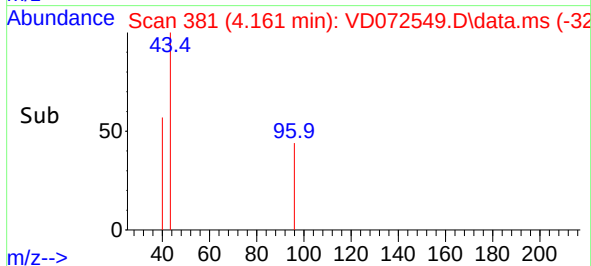
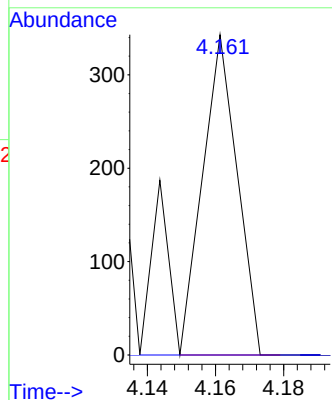
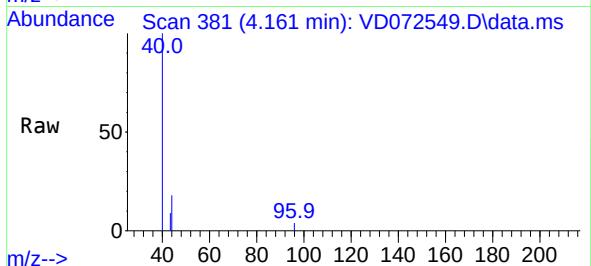




#16
Acetone
Concen: 7.972 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

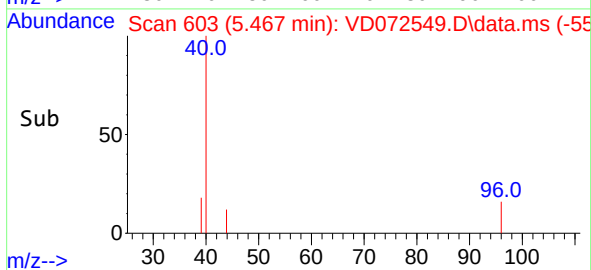
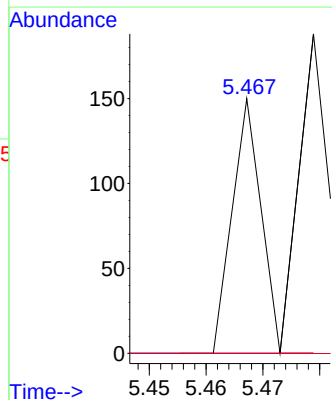
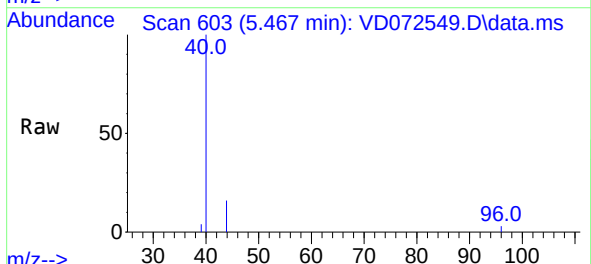
Instrument :
MSVOA_D
ClientSampleId :
OK-01-040422

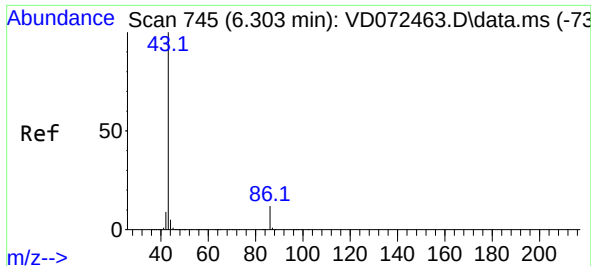
Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#21
trans-1,2-Dichloroethene
Concen: 1.108 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Tgt Ion: 96 Resp: 53
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#

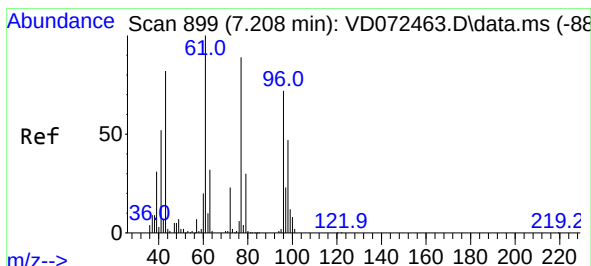
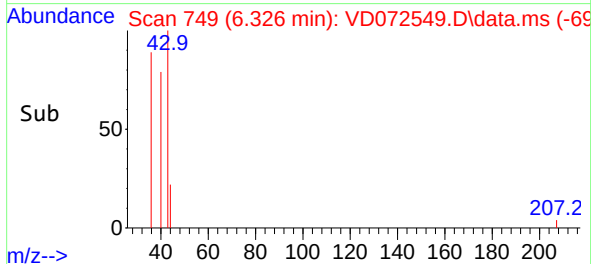
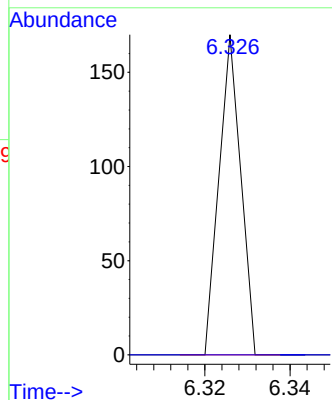
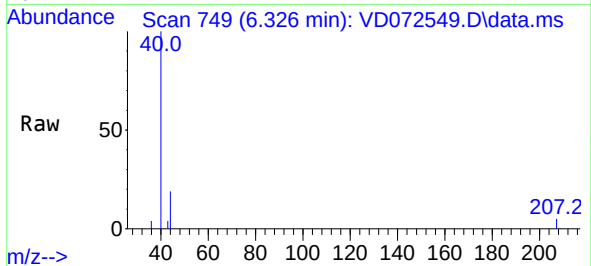




#23
 Vinyl Acetate
 Concen: 6.513 ug/l
 RT: 6.326 min Scan# 745
 Delta R.T. 0.023 min
 Lab File: VD072549.D
 Acq: 06 Apr 2022 14:11

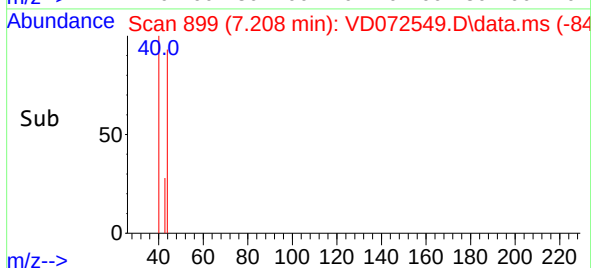
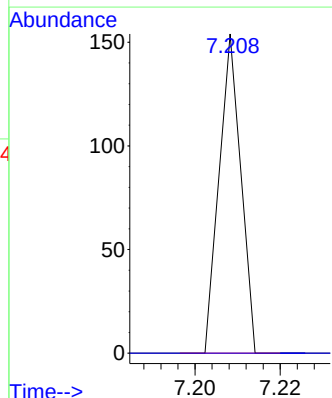
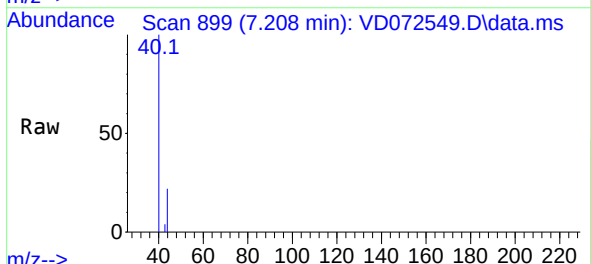
Instrument :
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 OK-01-040422

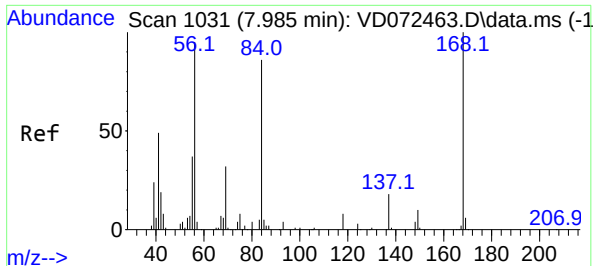
Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 1.286 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD072549.D
 Acq: 06 Apr 2022 14:11

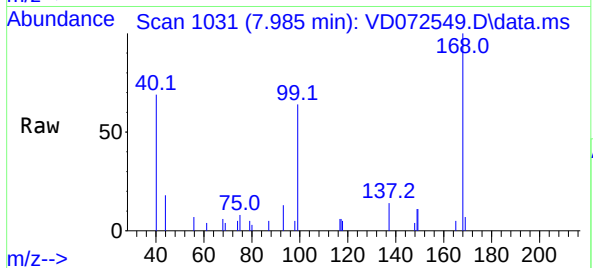
Tgt Ion: 43 Resp: 54
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.6 27.8#



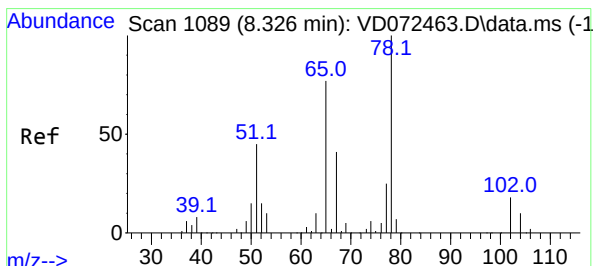
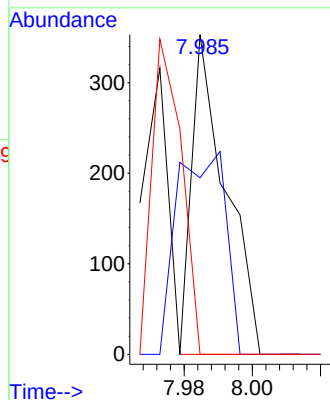
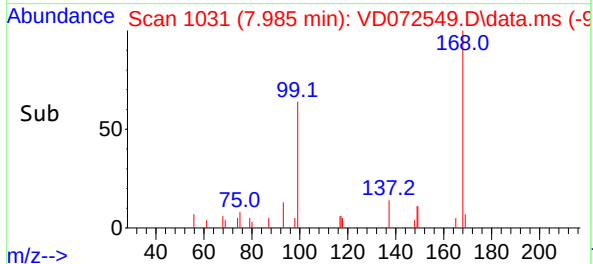


#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

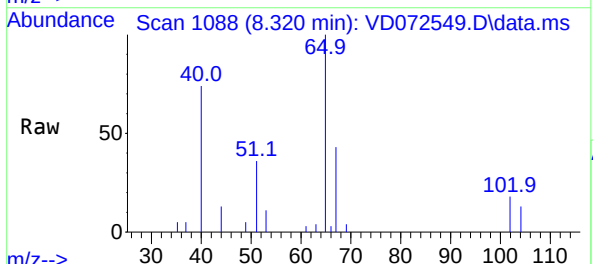
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OK-01-040422



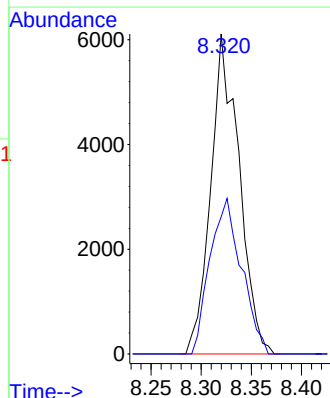
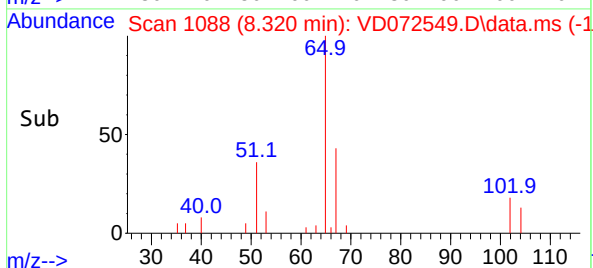
Tgt Ion: 56 Resp: 246
Ion Ratio Lower Upper
56 100
69 55.2 25.4 38.2#
84 0.0 63.0 94.4#

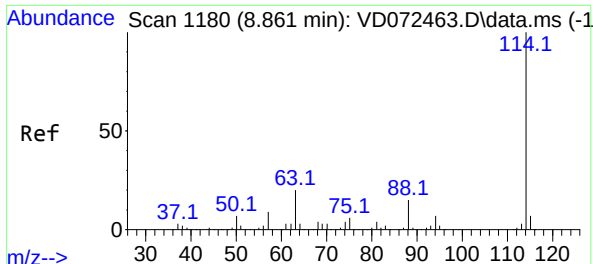


#33
1,2-Dichloroethane-d4
Concen: 73.691 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11



Tgt Ion: 65 Resp: 11996
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.4

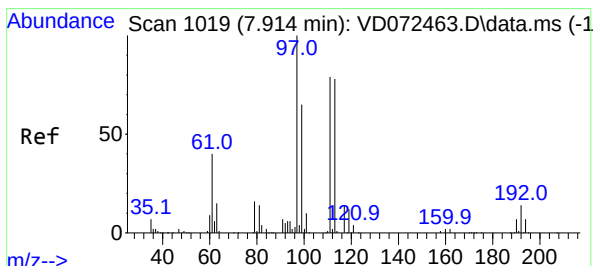
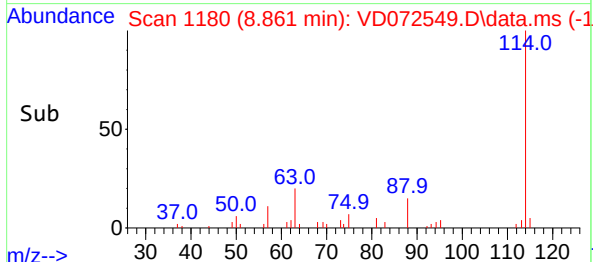
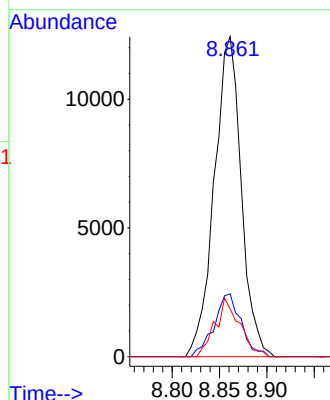
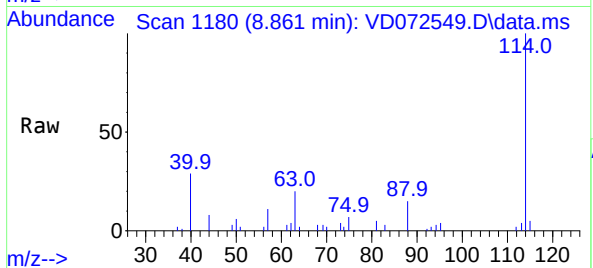




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

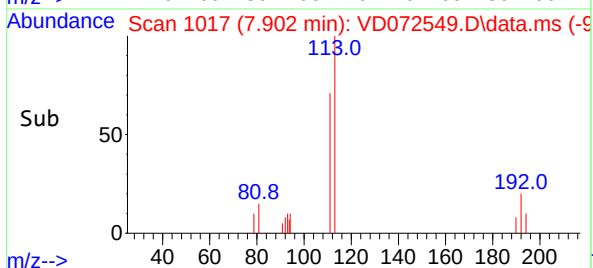
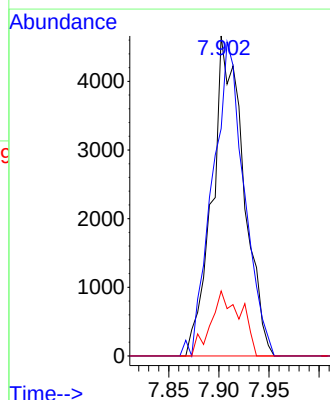
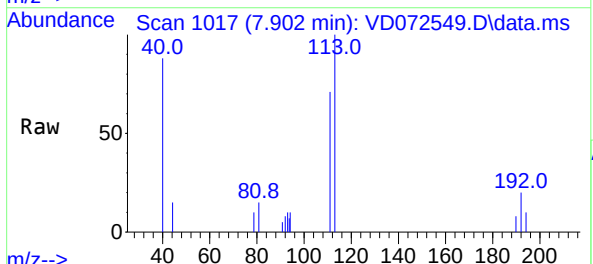
Instrument :
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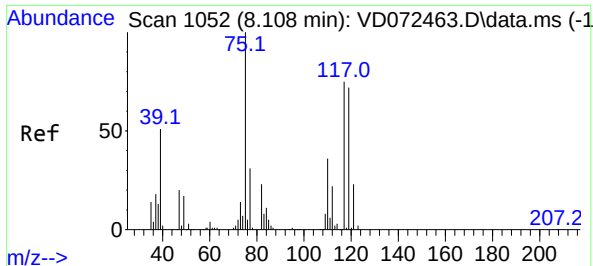
Tgt Ion:	114	Resp:	24584
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	46.6
88	15.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 53.158 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Tgt Ion:	113	Resp:	10156
Ion Ratio	Lower	Upper	
113	100		
111	99.3	83.8	125.6
192	19.4	14.6	21.8





#36

1,1-Dichloropropene

Concen: 5.708 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD072549.D

Acq: 06 Apr 2022 14:11

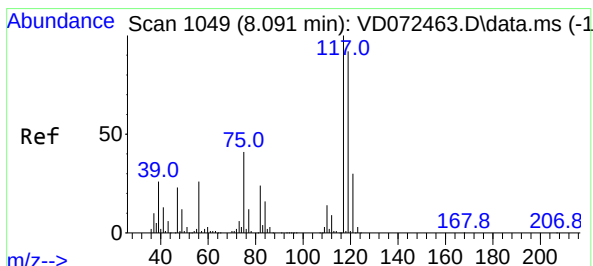
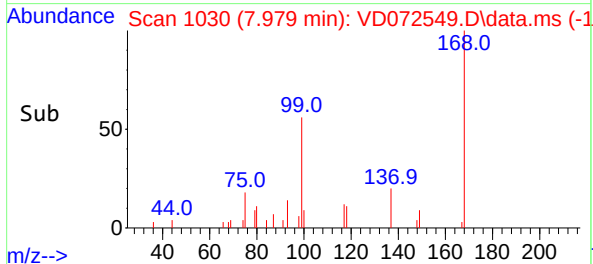
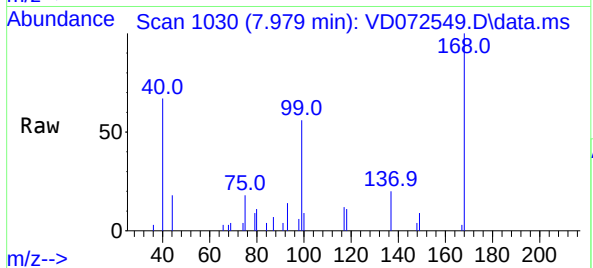
Instrument :

MSVOA_D

ClientSampleId :

OK-01-040422

Tgt Ion: 75	Resp:	1145
Ion Ratio	Lower	Upper
75	100	
110	0.0	16.4 49.1#
77	0.0	24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.467 ug/l

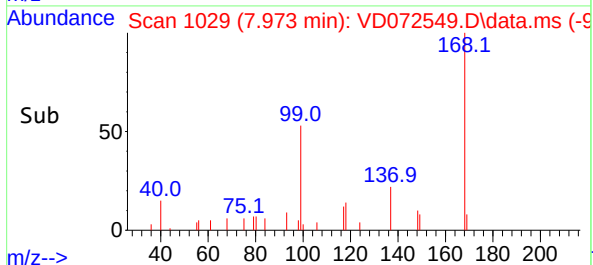
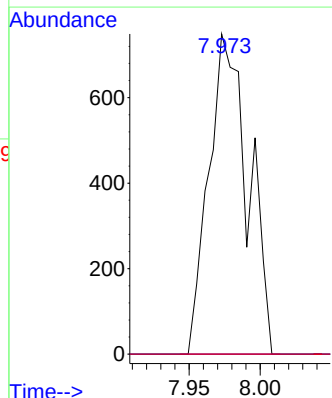
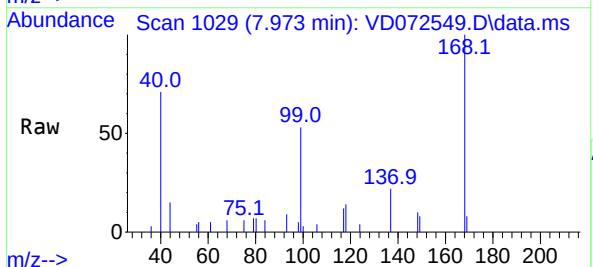
RT: 7.973 min Scan# 1029

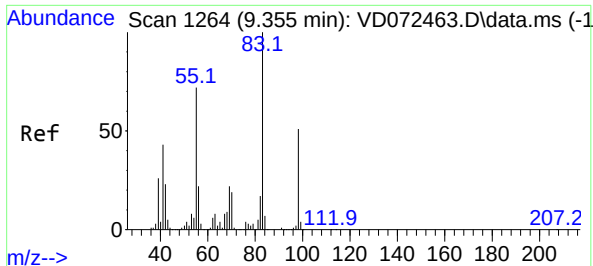
Delta R.T. -0.118 min

Lab File: VD072549.D

Acq: 06 Apr 2022 14:11

Tgt Ion: 117	Resp:	1439
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.5 36.7#





#39

Methylcyclohexane

Concen: 4.169 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD072549.D

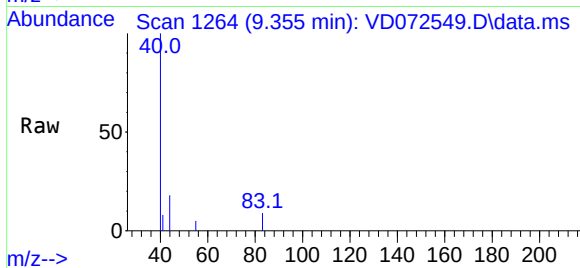
Acq: 06 Apr 2022 14:11

Instrument :

MSVOA_D

ClientSampleId :

OK-01-040422



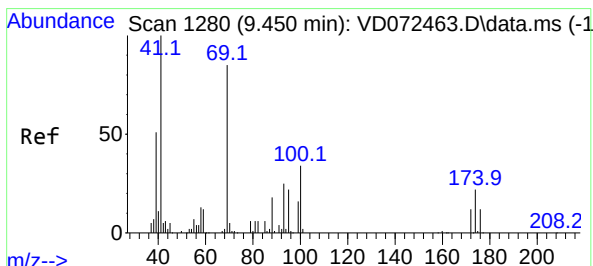
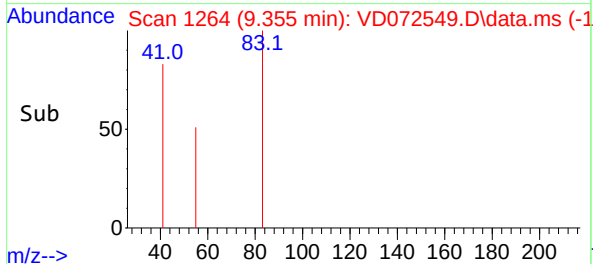
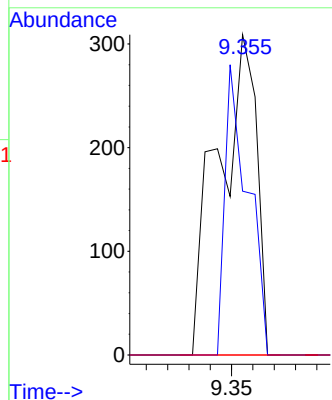
Tgt Ion: 83 Resp: 390

Ion Ratio Lower Upper

83 100

55 51.1 63.2 94.8#

98 0.0 38.2 57.4#



#48

Methyl methacrylate

Concen: 1.591 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.094 min

Lab File: VD072549.D

Acq: 06 Apr 2022 14:11

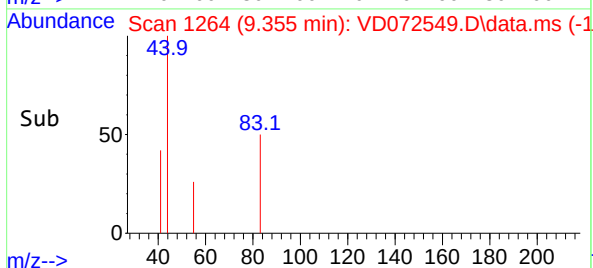
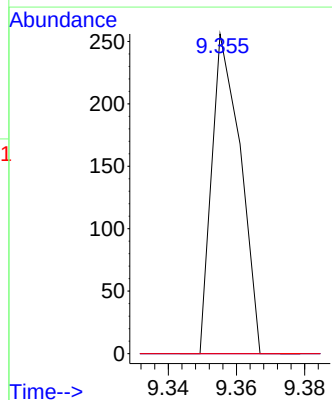
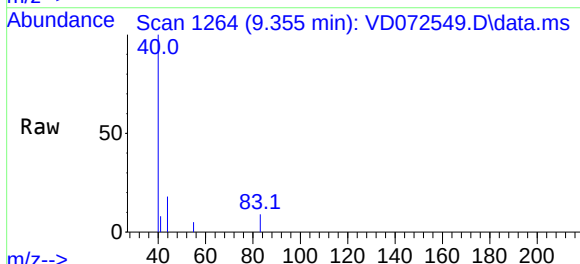
Tgt Ion: 41 Resp: 150

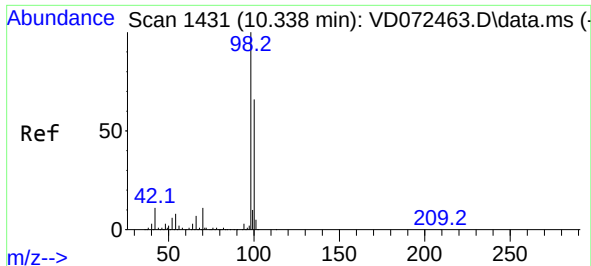
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 0.0 42.7 64.1#

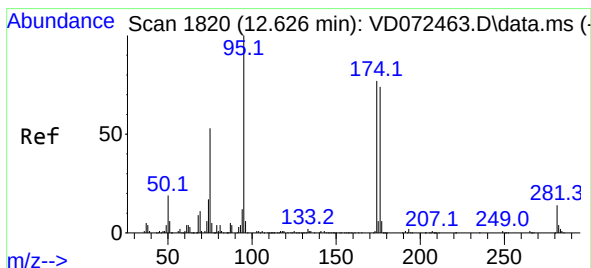
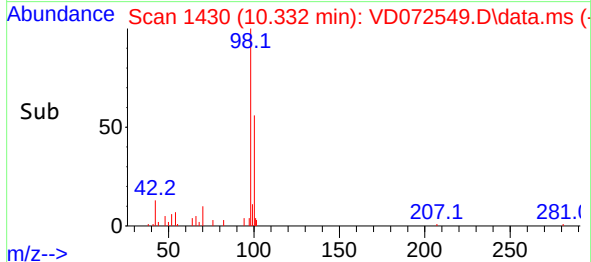
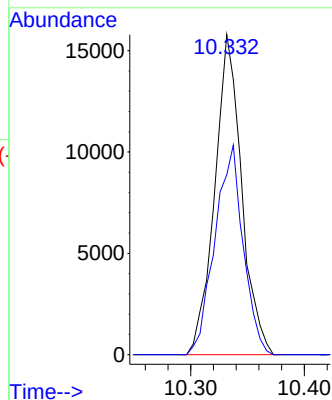
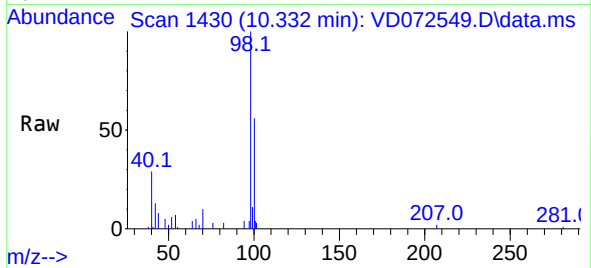




#50
Toluene-d8
Concen: 39.155 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

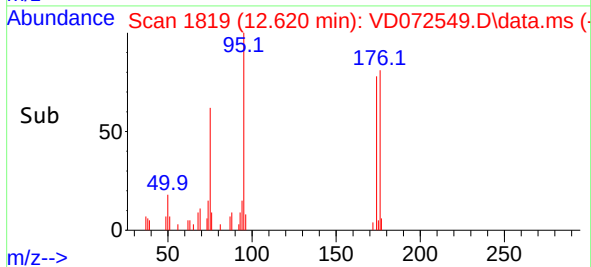
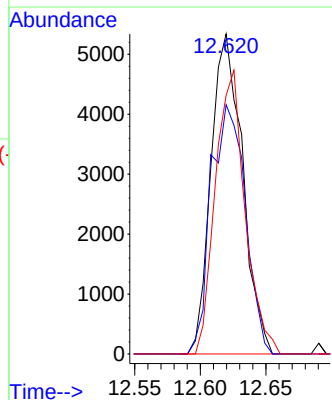
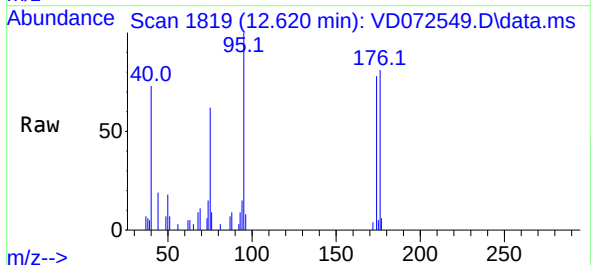
Instrument :
MSVOA_D
ClientSampleId :
OK-01-040422

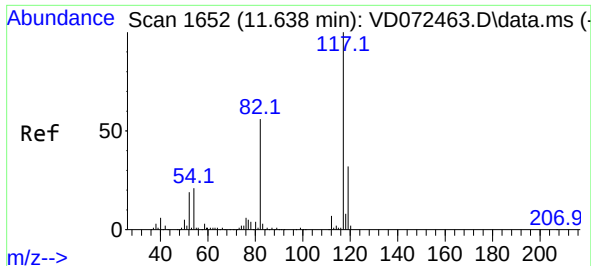
Tgt Ion: 98 Resp: 26003
Ion Ratio Lower Upper
98 100
100 68.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 34.384 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Tgt Ion: 95 Resp: 8918
Ion Ratio Lower Upper
95 100
174 85.0 0.0 152.8
176 83.4 0.0 145.4

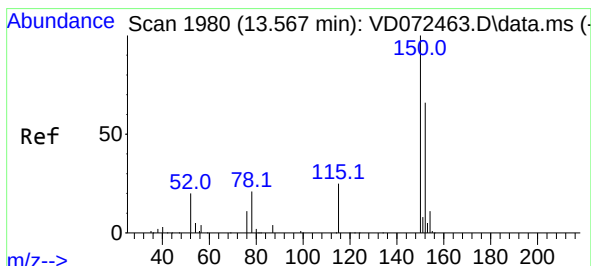
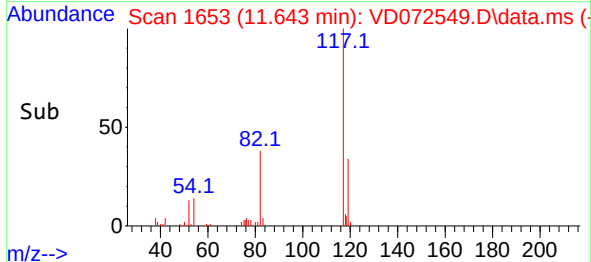
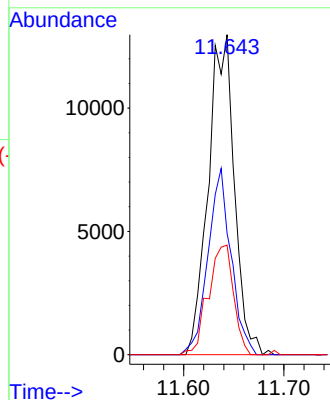
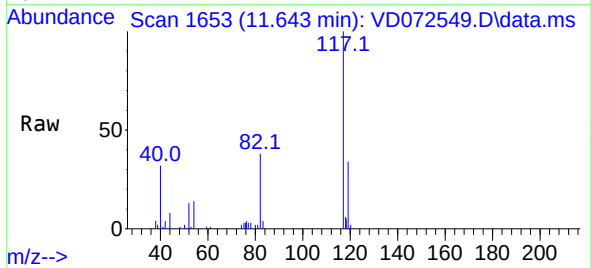




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

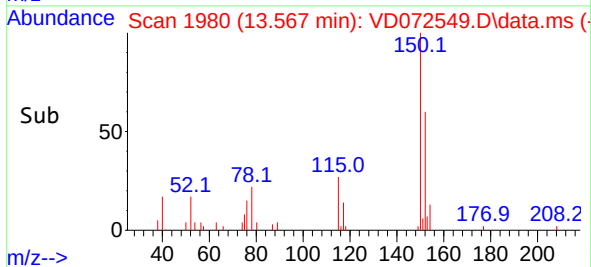
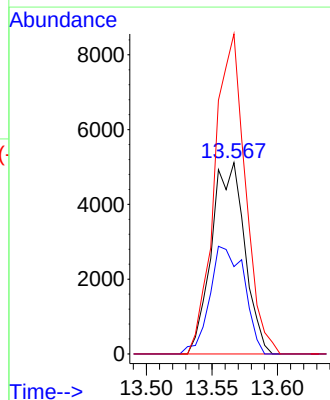
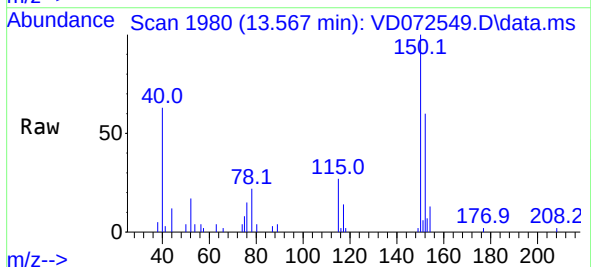
Instrument :
MSVOA_D
ClientSampleId :
OK-01-040422

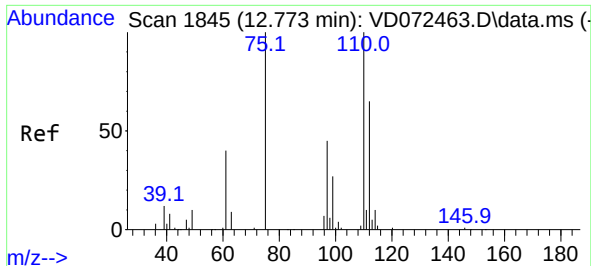
Tgt Ion:117 Resp: 23548
Ion Ratio Lower Upper
117 100
82 38.0 45.3 67.9#
119 34.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Tgt Ion:152 Resp: 8983
Ion Ratio Lower Upper
152 100
115 58.6 31.3 93.8
150 155.0 0.0 348.6

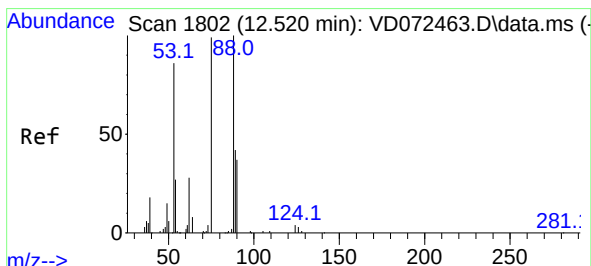
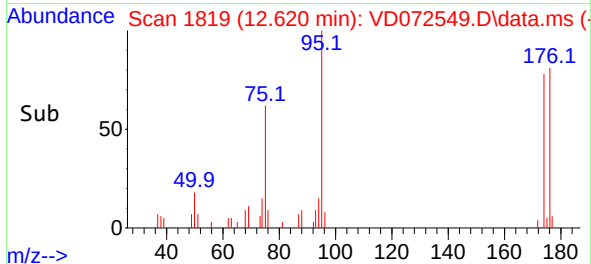
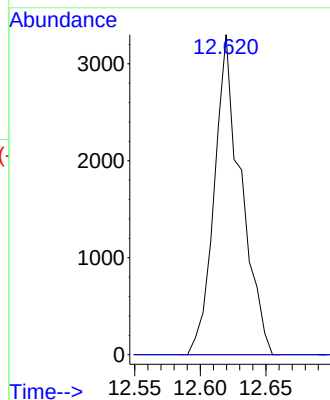
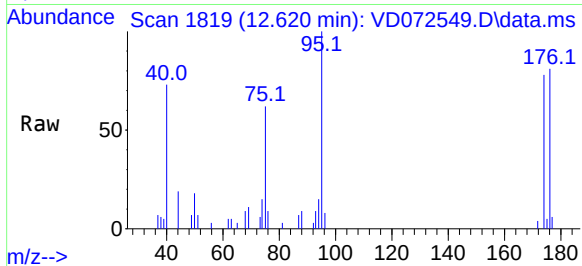




#76
1,2,3-Trichloropropane
Concen: 47.737 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Instrument :
MSVOA_D
ClientSampleId :
OK-01-040422

Tgt Ion: 75 Resp: 4677
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 117.138 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072549.D
Acq: 06 Apr 2022 14:11

Tgt Ion: 75 Resp: 4677
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

