

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070751.D
 Acq On : 19 Oct 2021 11:43
 Operator : VA/SY
 Sample : M4271-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-101821

Quant Time: Oct 20 04:39:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	8818	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	14627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	12646	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5527	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8487	81.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.52%	
35) Dibromofluoromethane	7.914	113	5161	55.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.20%	
50) Toluene-d8	10.332	98	16919	47.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.26%	
62) 4-Bromofluorobenzene	12.620	95	5249	42.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.92%	

Target Compounds						Qvalue
3) Chloromethane	2.209	50	1520	9.94	ug/l	# 65
4) Vinyl Chloride	2.356	62	683	4.36	ug/l	# 34
5) Bromomethane	2.785	94	935	9.78	ug/l	99
6) Chloroethane	2.962	64	115	1.16	ug/l	# 41
8) Diethyl Ether	3.515	74	56	1.19	ug/l	73
10) Methyl Iodide	4.285	142	55	3.79	ug/l	# 38
11) Tert butyl alcohol	5.350	59	57	9.75	ug/l	# 83
12) 1,1-Dichloroethene	4.050	96	252	2.63	ug/l	# 1
13) Acrolein	3.915	56	54	9.54	ug/l	# 14
15) Acrylonitrile	5.438	53	54	2.17	ug/l	# 18
16) Acetone	4.162	43	220	8.73	ug/l	# 40
20) Methylene Chloride	4.973	84	578	Below Cal	#	14
21) trans-1,2-Dichloroethene	5.473	96	309	2.81	ug/l	# 1
23) Vinyl Acetate	6.303	43	65	16.65	ug/l	# 69
24) 1,1-Dichloroethane	6.267	63	239	1.09	ug/l	# 82
25) 2-Butanone	7.097	43	53	1.70	ug/l	# 43
29) Tetrahydrofuran	7.750	42	58	3.04	ug/l	# 29
31) Cyclohexane	7.962	56	375	1.77	ug/l	# 24
38) Carbon Tetrachloride	7.979	117	1107	7.09	ug/l	# 12
40) Benzene	8.344	78	923	1.97	ug/l	# 52
41) Methacrylonitrile	7.726	41	53	3.14	ug/l	# 16
48) Methyl methacrylate	9.479	41	83	1.32	ug/l	# 11
52) Toluene	10.397	92	300	1.07	ug/l	# 66
59) 2-Hexanone	10.979	43	167	3.50	ug/l	77
60) Dibromochloromethane	10.873	129	160	1.71	ug/l	# 11
64) Tetrachloroethene	10.885	164	222	2.61	ug/l	# 1
65) Chlorobenzene	11.655	112	393	1.52	ug/l	# 43
67) Ethyl Benzene	11.738	91	546	1.15	ug/l	# 44
73) Isopropylbenzene	12.479	105	656	1.67	ug/l	# 50
74) N-amyl acetate	12.250	43	170	1.66	ug/l	# 37
76) 1,2,3-Trichloropropane	12.626	75	3222	67.48	ug/l	# 100
78) n-propylbenzene	12.808	91	854	1.67	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.626	75	3222	147.79	ug/l	# 17
83) tert-Butylbenzene	13.208	119	489	1.78	ug/l	# 56
85) sec-Butylbenzene	13.397	105	591	1.37	ug/l	# 58
86) p-Isopropyltoluene	13.502	119	466	1.34	ug/l	# 72

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 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

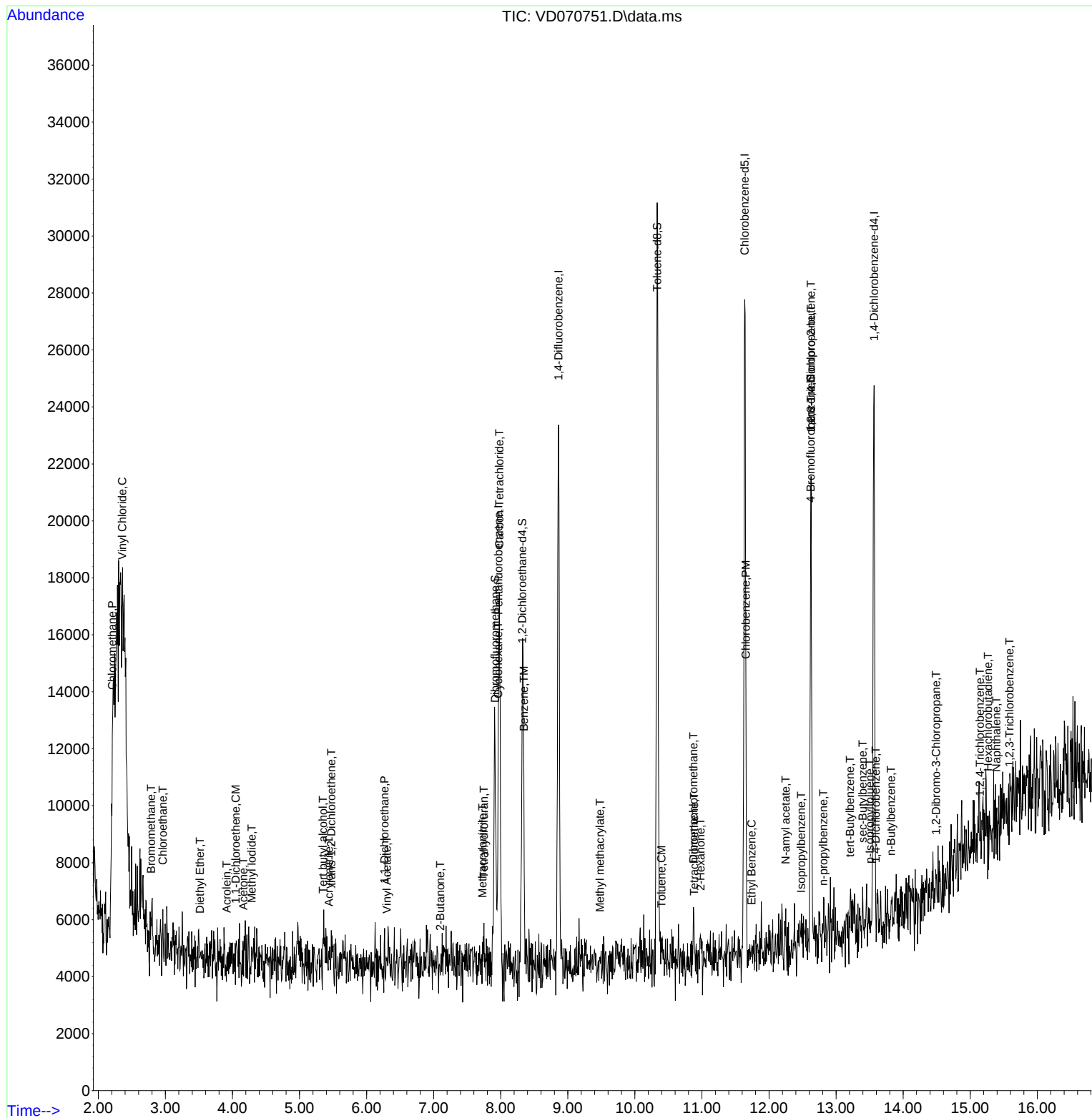
88) 1,4-Dichlorobenzene	13.591	146	372	2.01	ug/l #	70
89) n-Butylbenzene	13.820	91	387	1.10	ug/l #	68
92) 1,2-Dibromo-3-Chloropr...	14.491	75	59	4.75	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.144	180	545	5.95	ug/l #	47
94) Hexachlorobutadiene	15.267	225	74	1.23	ug/l #	19
95) Naphthalene	15.391	128	988	9.79	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.585	180	392	4.82	ug/l #	48

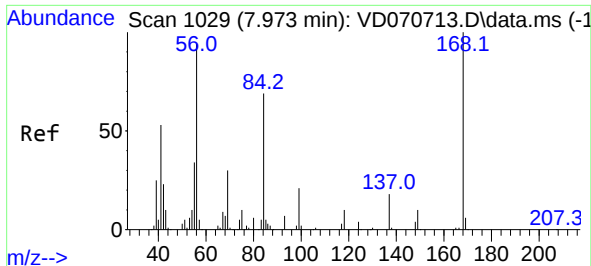
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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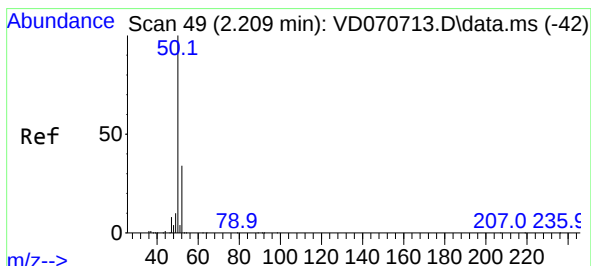
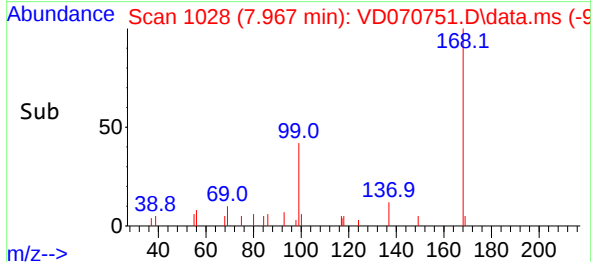
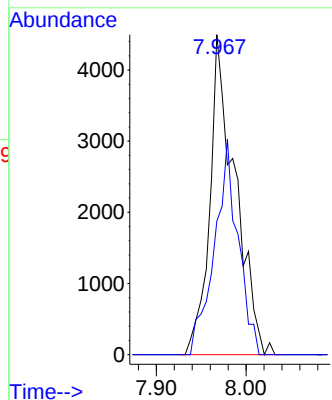
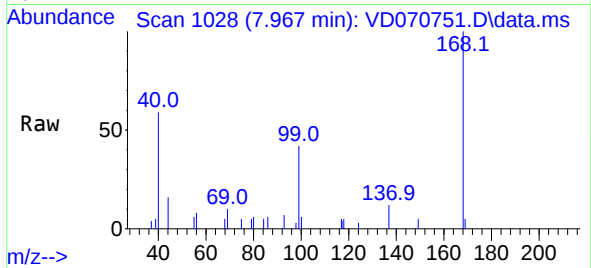




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

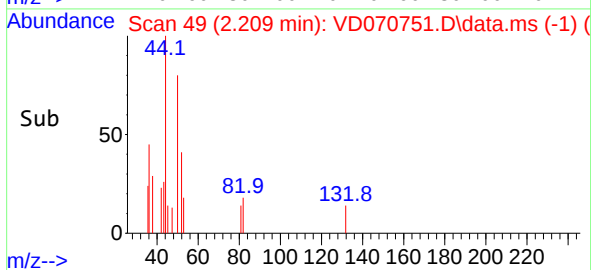
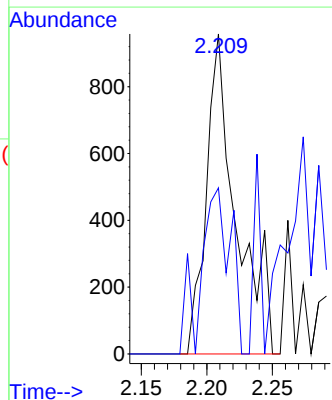
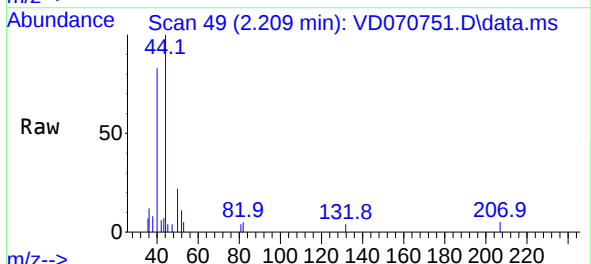
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

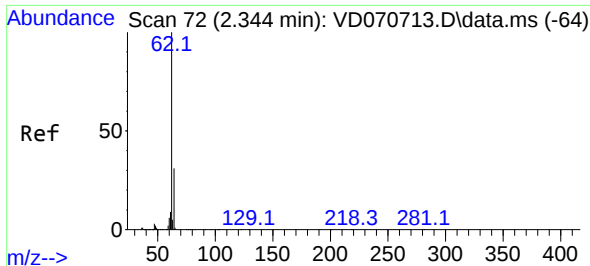
Tgt Ion:168 Resp: 8818
Ion Ratio Lower Upper
168 100
99 41.7 51.4 77.0#



#3
Chloromethane
Concen: 9.94 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 50 Resp: 1520
Ion Ratio Lower Upper
50 100
52 51.9 26.0 39.0#

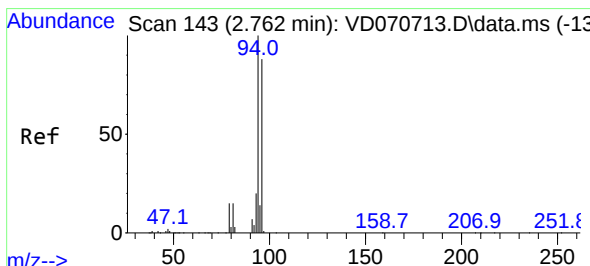
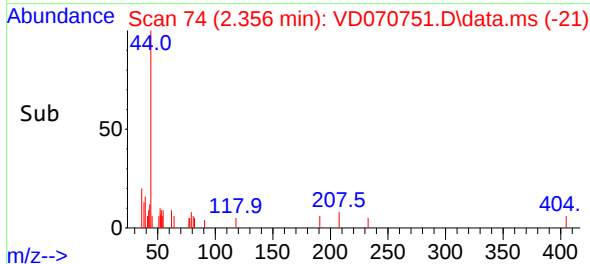
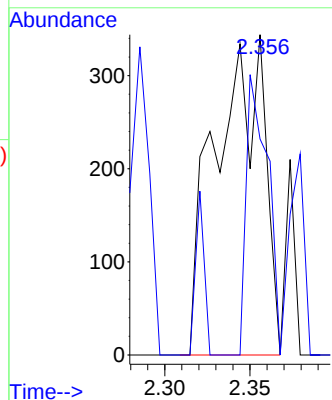
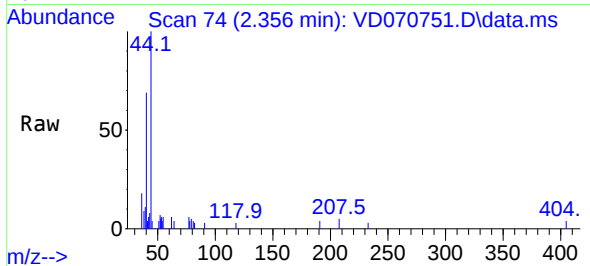




#4
 Vinyl Chloride
 Concen: 4.36 ug/l
 RT: 2.356 min Scan# 74
 Delta R.T. 0.012 min
 Lab File: VD070751.D
 Acq: 19 Oct 2021 11:43

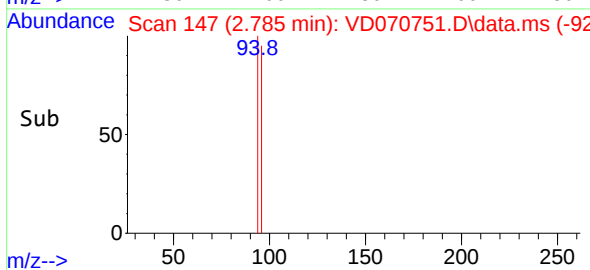
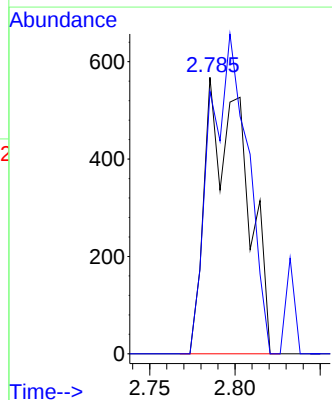
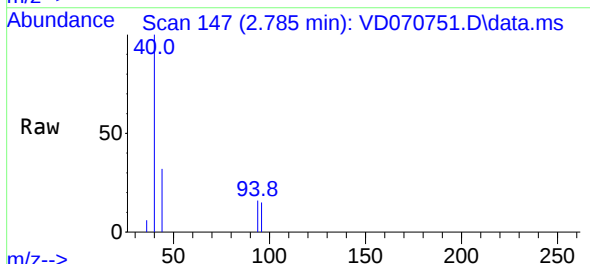
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-101821

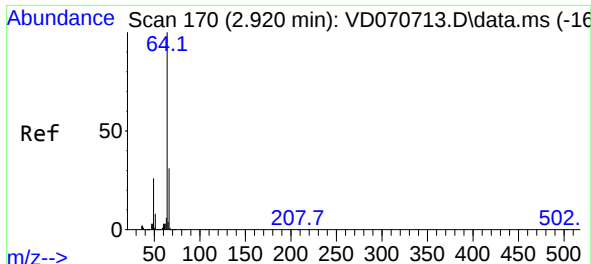
Tgt Ion: 62 Resp: 683
 Ion Ratio Lower Upper
 62 100
 64 67.4 24.9 37.3#



#5
 Bromomethane
 Concen: 9.78 ug/l
 RT: 2.785 min Scan# 147
 Delta R.T. 0.024 min
 Lab File: VD070751.D
 Acq: 19 Oct 2021 11:43

Tgt Ion: 94 Resp: 935
 Ion Ratio Lower Upper
 94 100
 96 94.9 75.5 113.3

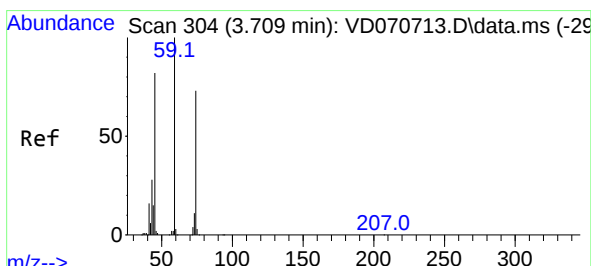
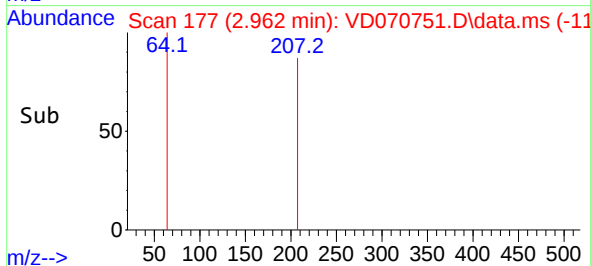
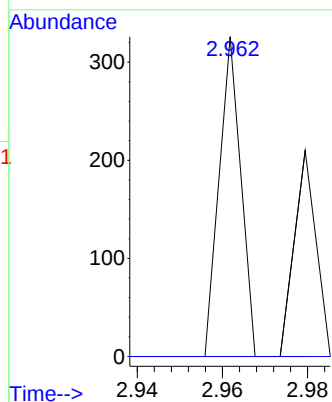
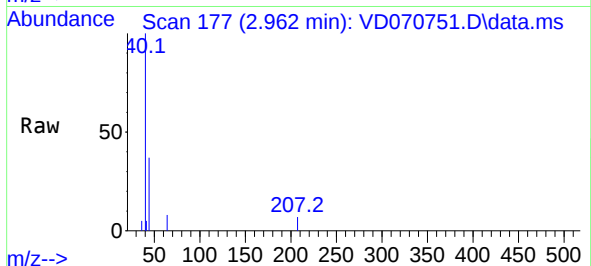




#6
Chloroethane
Concen: 1.16 ug/l
RT: 2.962 min Scan# 177
Delta R.T. 0.041 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

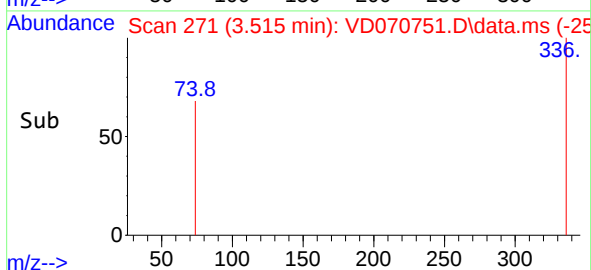
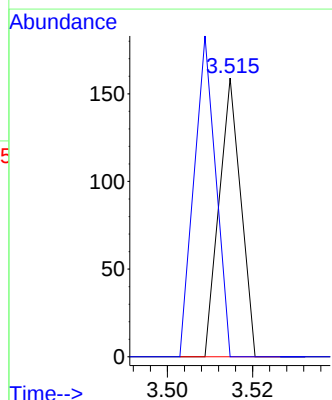
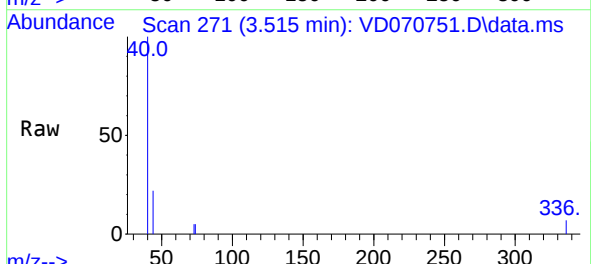
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

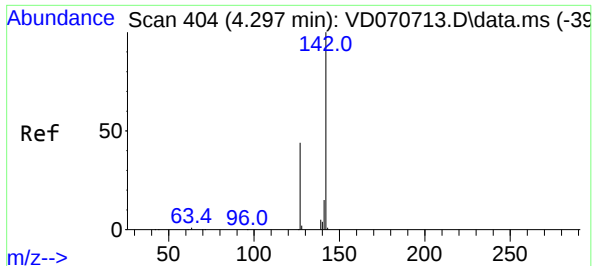
Tgt Ion: 64 Resp: 115
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#8
Diethyl Ether
Concen: 1.19 ug/l
RT: 3.515 min Scan# 271
Delta R.T. -0.194 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 74 Resp: 56
Ion Ratio Lower Upper
74 100
45 116.1 45.1 135.5



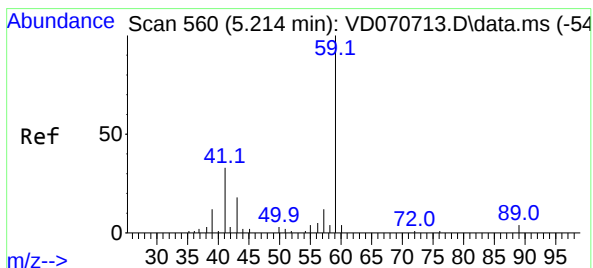
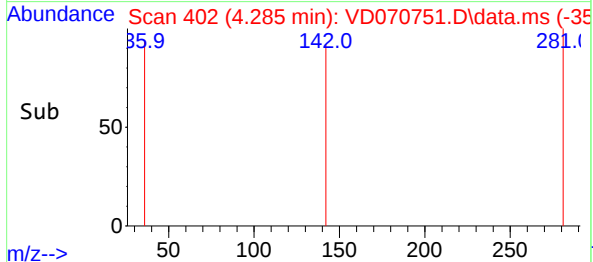
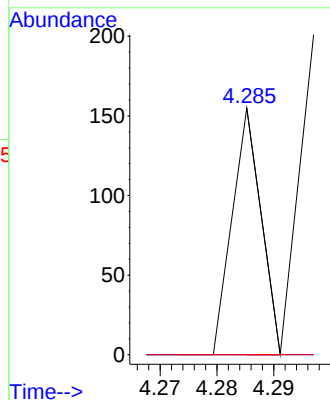
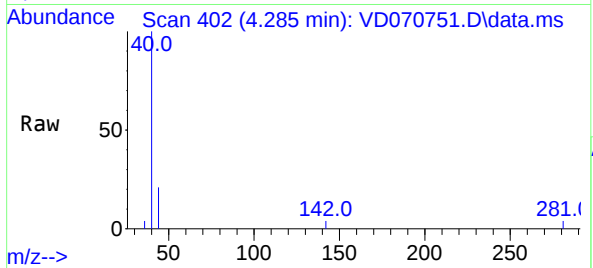


#10
Methyl Iodide
Concen: 3.79 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

Tgt Ion:142 Resp: 55

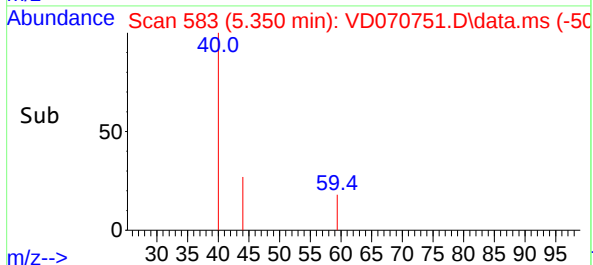
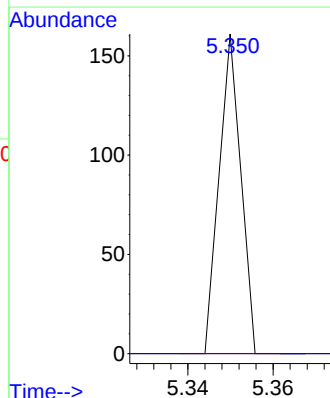
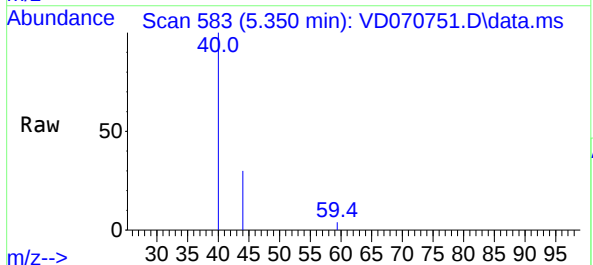
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.5	56.3#
141	0.0	12.1	18.1#

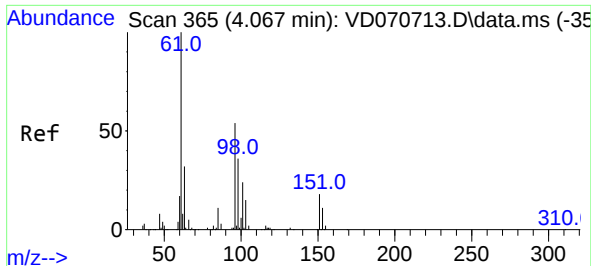


#11
Tert butyl alcohol
Concen: 9.75 ug/l
RT: 5.350 min Scan# 583
Delta R.T. 0.136 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 59 Resp: 57

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.5	6.7#





#12

1,1-Dichloroethene

Concen: 2.63 ug/l

RT: 4.050 min Scan# 362

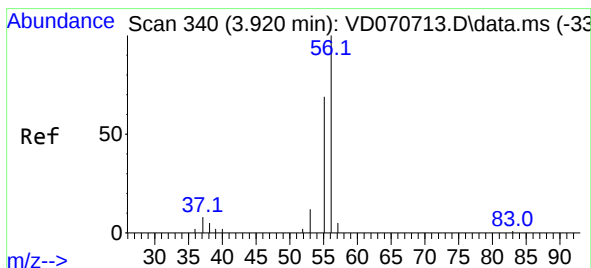
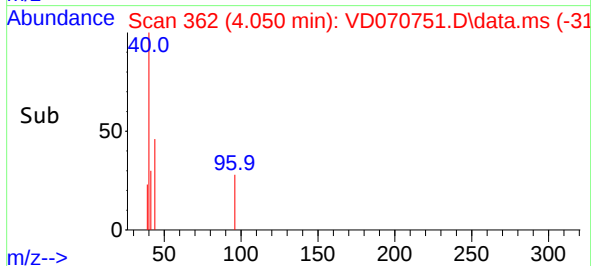
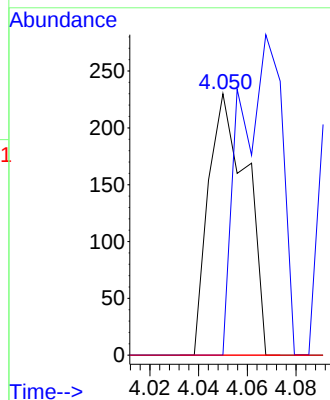
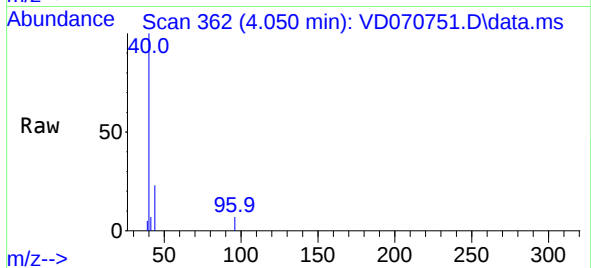
Delta R.T. -0.017 min

Lab File: VD070751.D

Acq: 19 Oct 2021 11:43

Tgt Ion:	96	Resp:	252
Ion	Ratio	Lower	Upper
96	100		
61	0.0	125.9	188.9#
98	0.0	52.3	78.5#

Instrument :
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OK-01-101821



#13

Acrolein

Concen: 9.54 ug/l

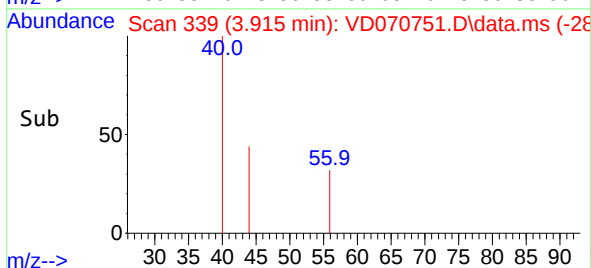
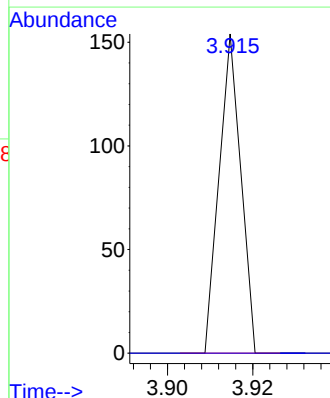
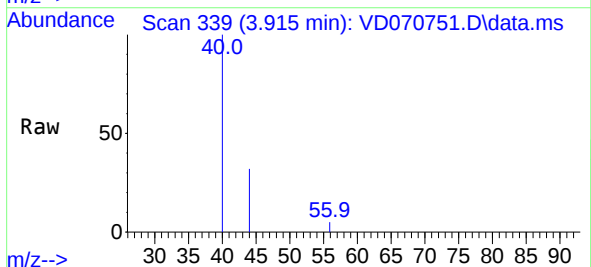
RT: 3.915 min Scan# 339

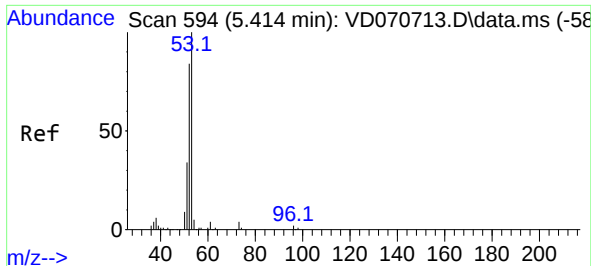
Delta R.T. -0.006 min

Lab File: VD070751.D

Acq: 19 Oct 2021 11:43

Tgt Ion:	56	Resp:	54
Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#

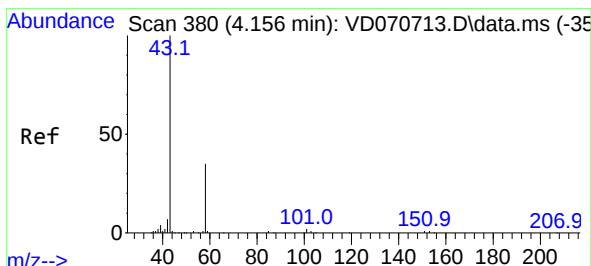
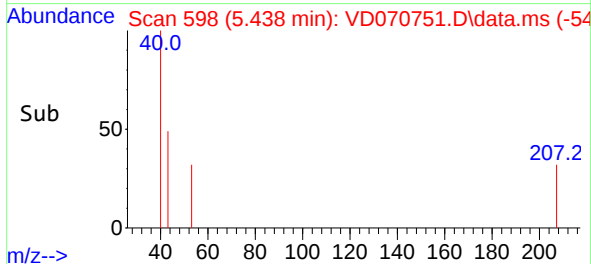
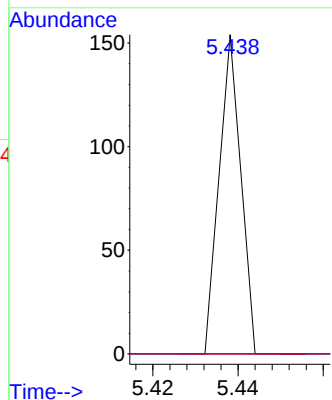
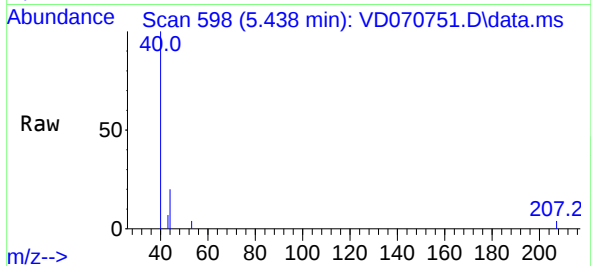




#15
Acrylonitrile
Concen: 2.17 ug/l
RT: 5.438 min Scan# 598
Delta R.T. 0.024 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

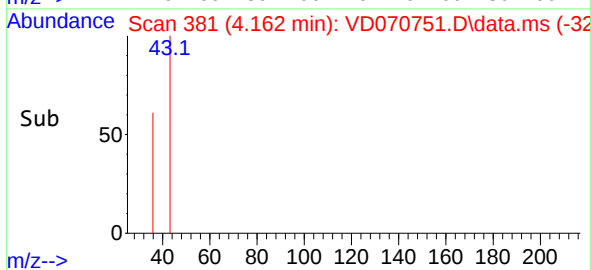
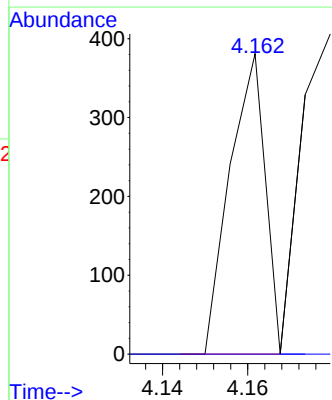
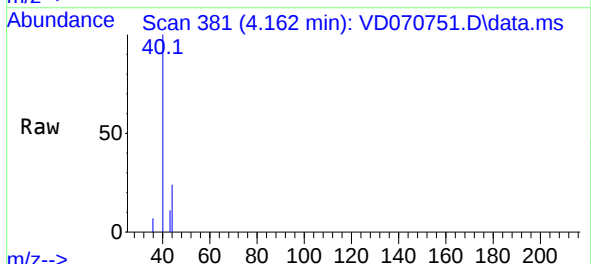
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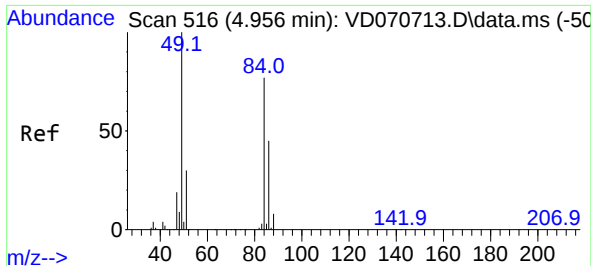
Tgt Ion: 53	Resp:	54
Ion	Ratio	Lower Upper
53	100	
52	0.0	64.6 97.0#
51	0.0	28.7 43.1#



#16
Acetone
Concen: 8.73 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

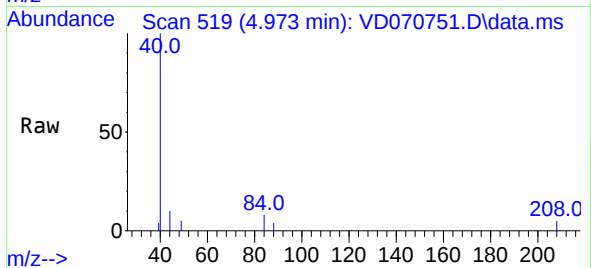
Tgt Ion: 43	Resp:	220
Ion	Ratio	Lower Upper
43	100	
58	0.0	28.2 42.2#





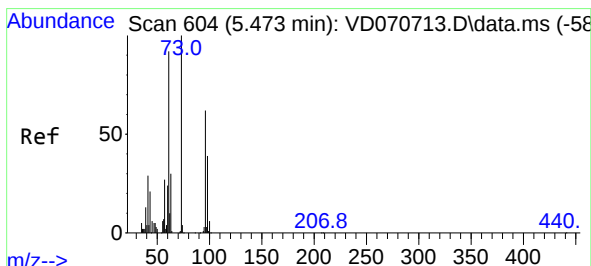
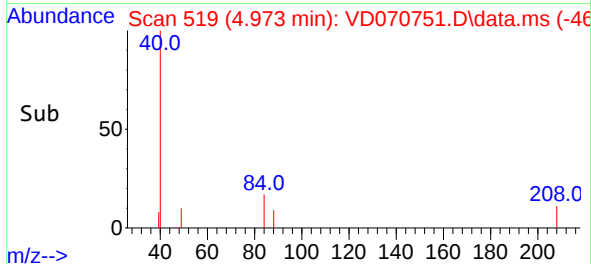
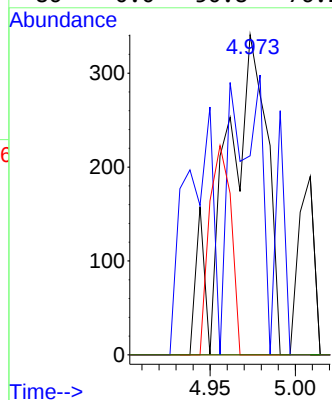
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.017 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821



Tgt Ion: 84 Resp: 578

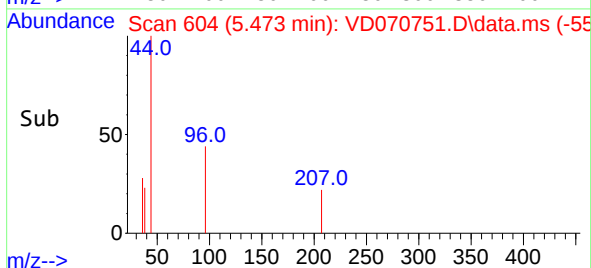
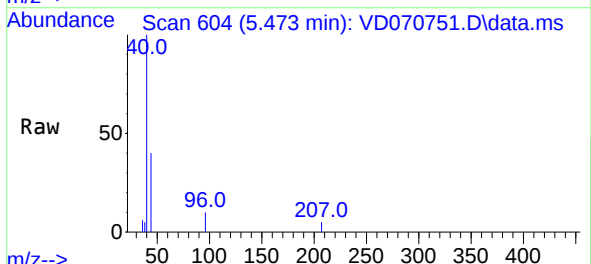
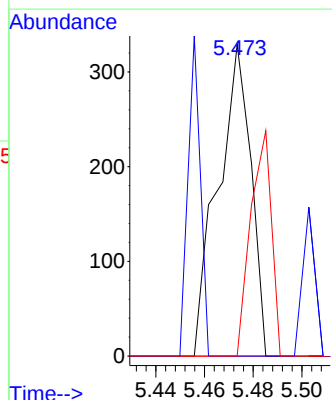
Ion	Ratio	Lower	Upper
84	100		
49	10.3	91.4	137.2#
51	0.0	26.7	40.1#
86	0.0	50.8	76.2#

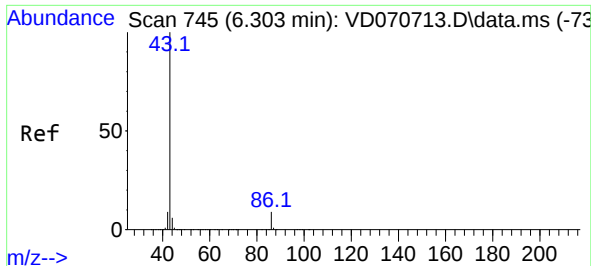


#21
trans-1,2-Dichloroethene
Concen: 2.81 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 96 Resp: 309

Ion	Ratio	Lower	Upper
96	100		
61	0.0	111.1	166.7#
98	0.0	51.9	77.9#

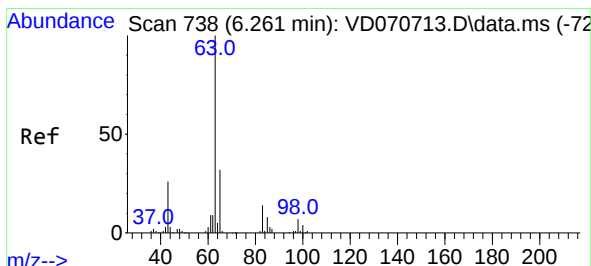
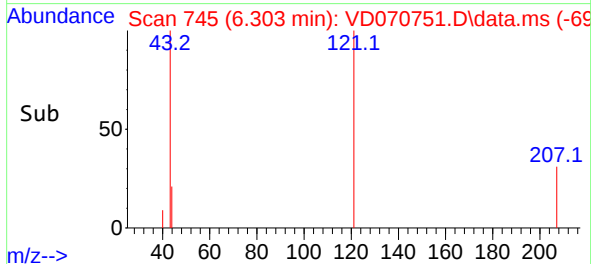
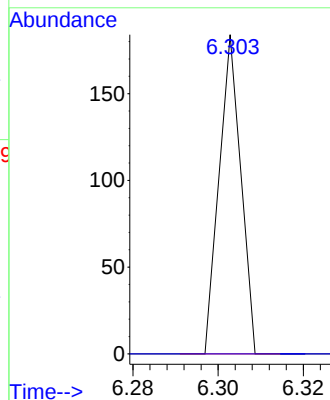
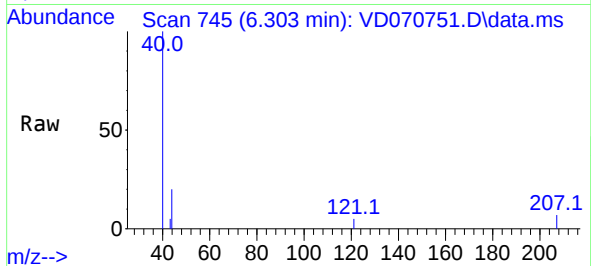




#23
 Vinyl Acetate
 Concen: 16.65 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070751.D
 Acq: 19 Oct 2021 11:43

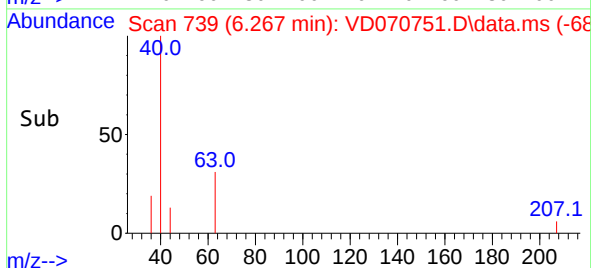
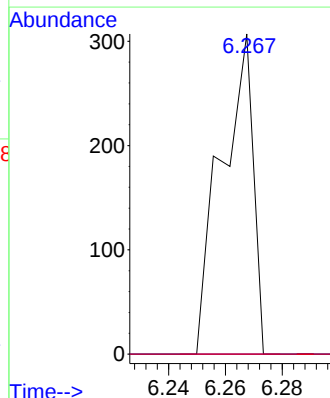
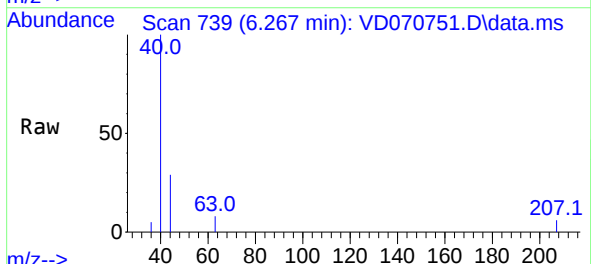
Instrument :
 MSVOA_D
 ClientSampleID :
 OK-01-101821

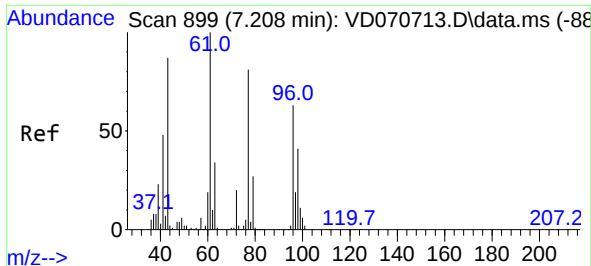
Tgt Ion: 43 Resp: 65
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#24
 1,1-Dichloroethane
 Concen: 1.09 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD070751.D
 Acq: 19 Oct 2021 11:43

Tgt Ion: 63 Resp: 239
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.2#

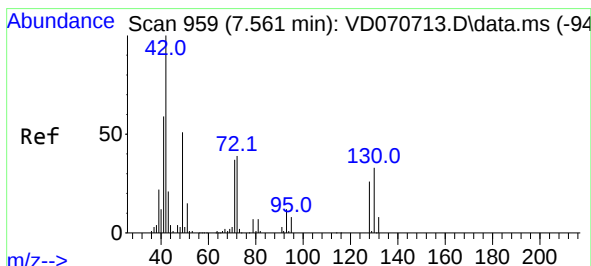
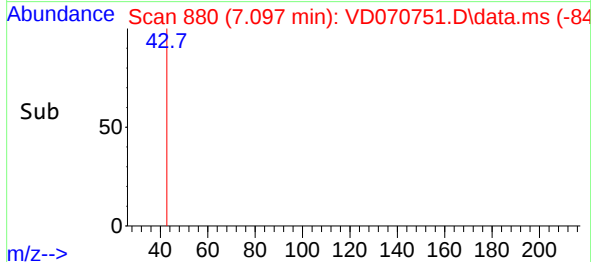
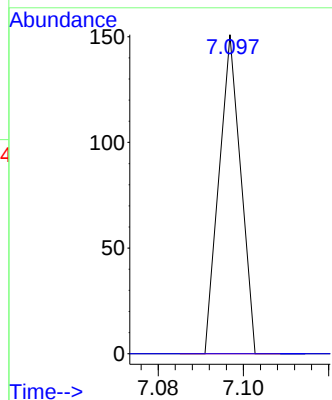
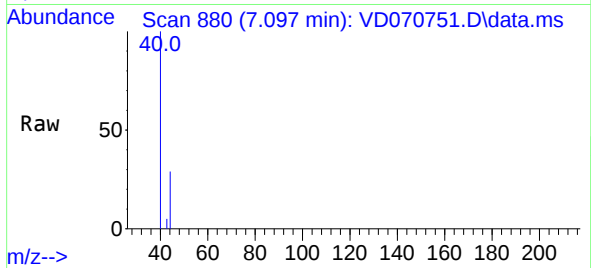




#25
2-Butanone
Concen: 1.70 ug/l
RT: 7.097 min Scan# 880
Delta R.T. -0.112 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

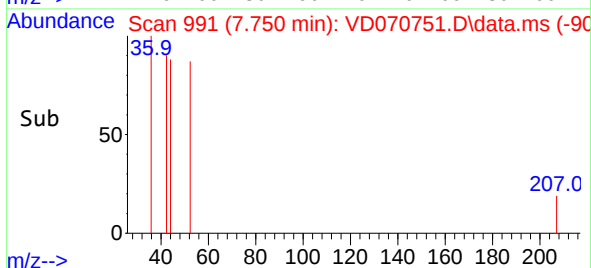
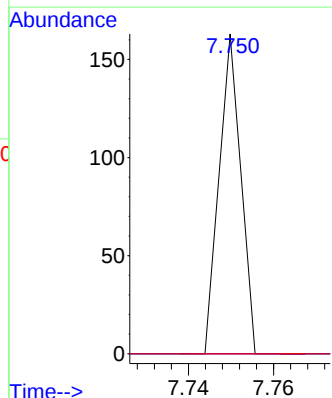
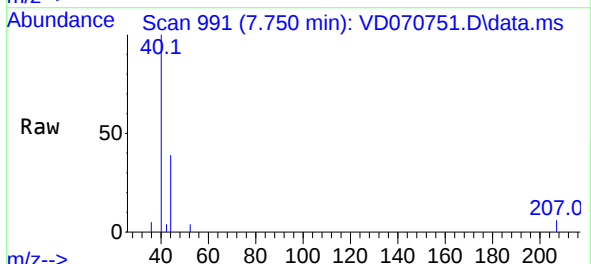
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

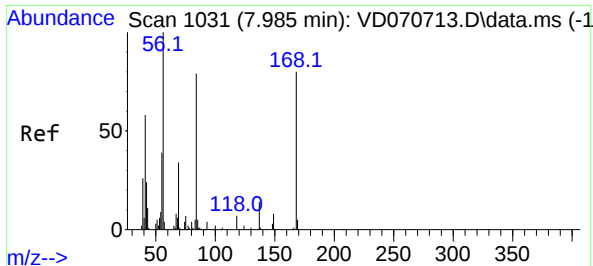
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
72 0.0 25.2 37.8#



#29
Tetrahydrofuran
Concen: 3.04 ug/l
RT: 7.750 min Scan# 991
Delta R.T. 0.188 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 42 Resp: 58
Ion Ratio Lower Upper
42 100
72 0.0 40.2 60.4#
71 0.0 37.2 55.8#

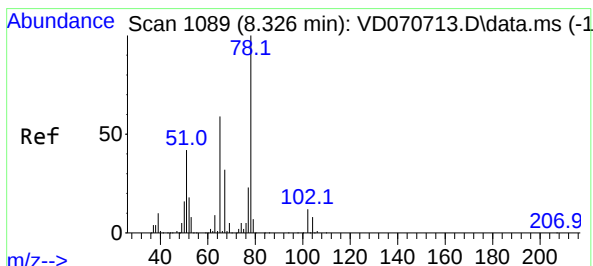
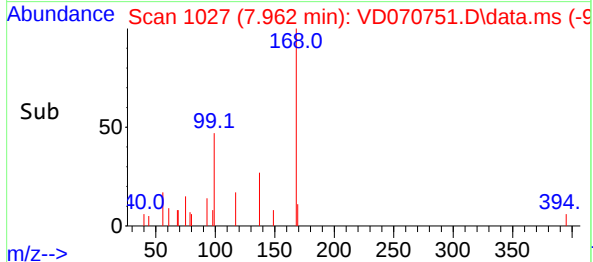
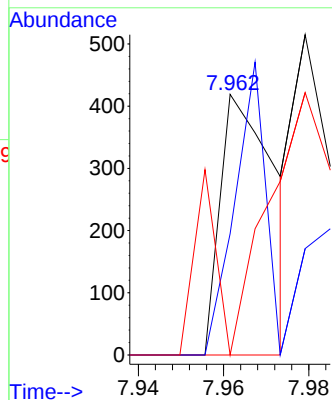
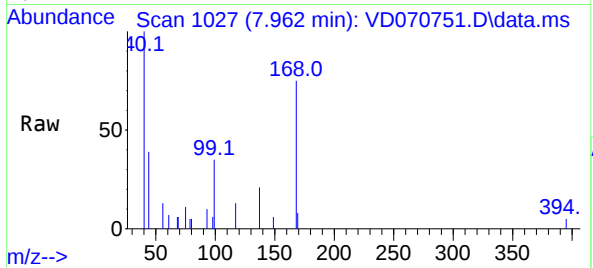




#31
Cyclohexane
Concen: 1.77 ug/l
RT: 7.962 min Scan# 1027
Delta R.T. -0.023 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

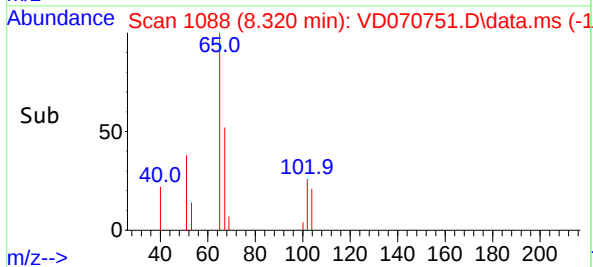
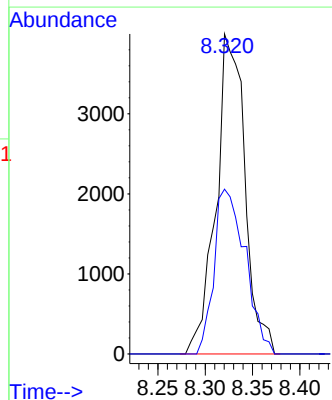
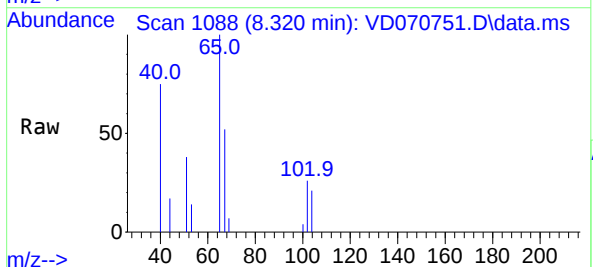
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

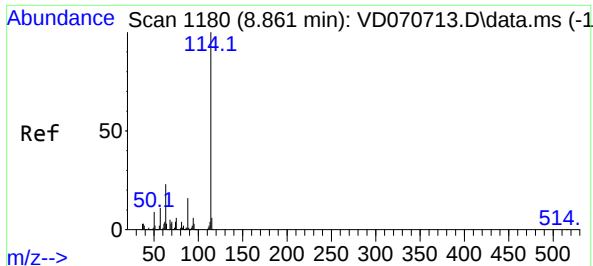
Tgt Ion:	56	Resp:	375
Ion	Ratio	Lower	Upper
56	100		
69	46.5	27.4	41.2#
84	0.0	73.6	110.4#



#33
1,2-Dichloroethane-d4
Concen: 81.26 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion:	65	Resp:	8487
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.2

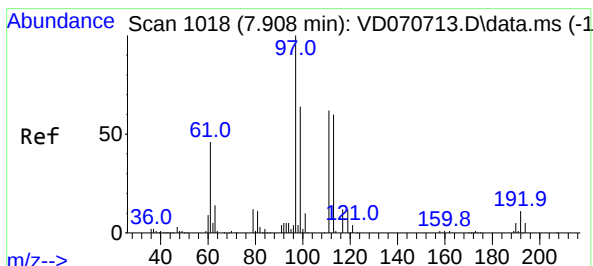
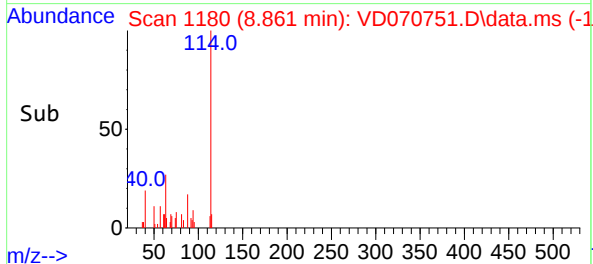
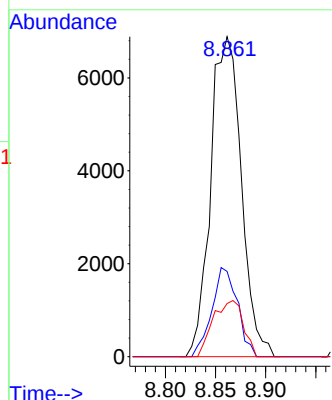
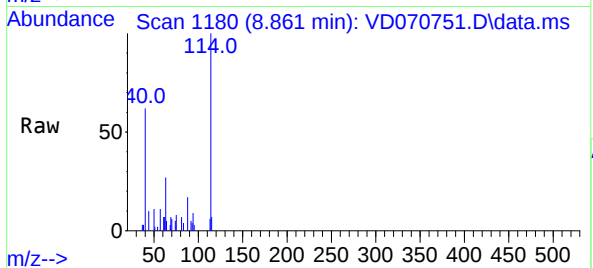




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

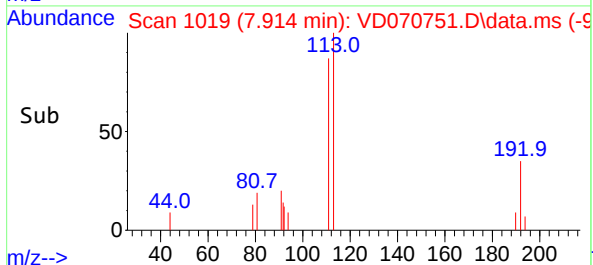
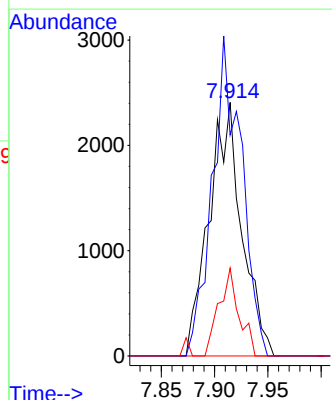
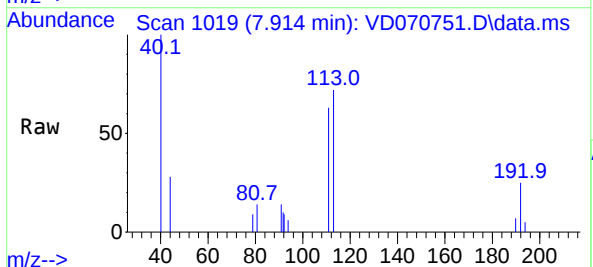
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

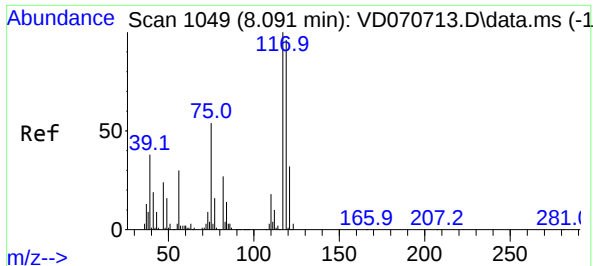
Tgt Ion:114	Resp:	14627
Ion Ratio	Lower	Upper
114	100	
63	26.7	0.0 41.8
88	16.6	0.0 32.6



#35
Dibromofluoromethane
Concen: 55.10 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion:113	Resp:	5161
Ion Ratio	Lower	Upper
113	100	
111	111.7	83.1 124.7
192	21.2	12.7 19.1#

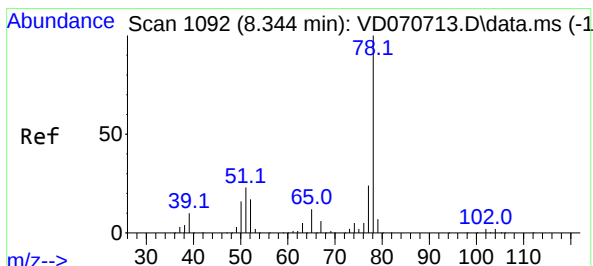
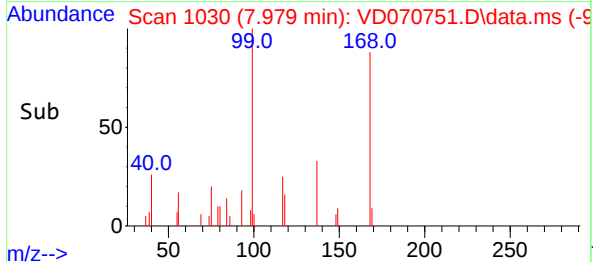
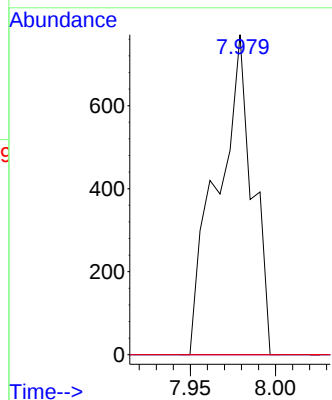
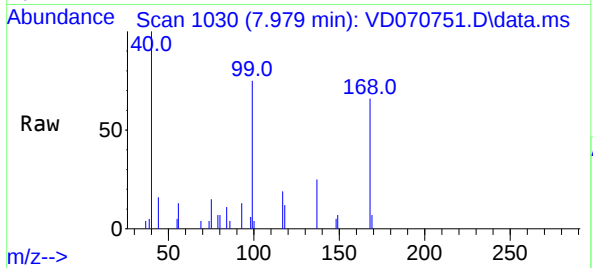




#38
Carbon Tetrachloride
Concen: 7.09 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

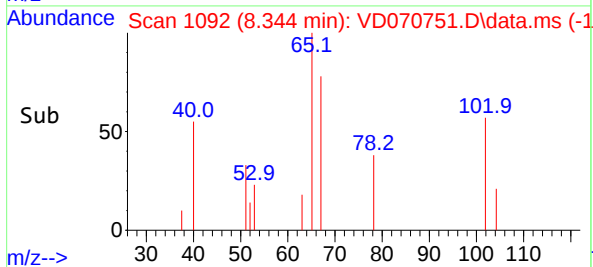
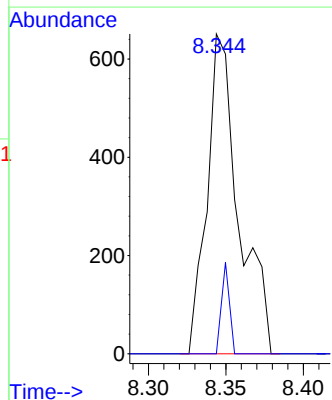
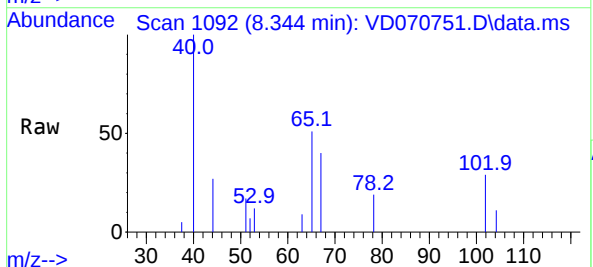
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

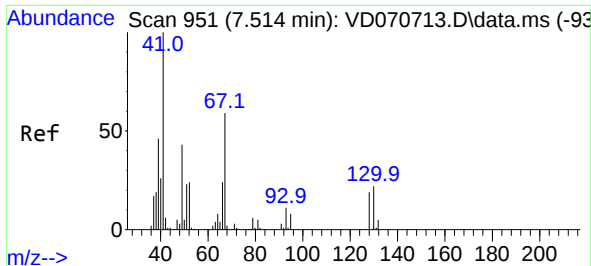
Tgt Ion:117 Resp: 1107
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 1.97 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

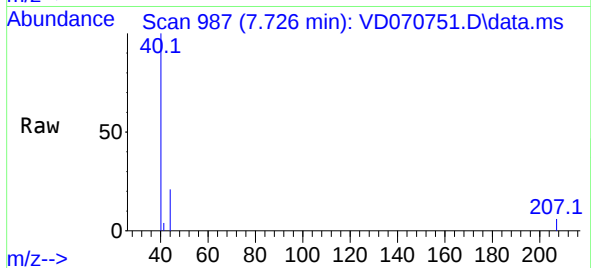
Tgt Ion: 78 Resp: 923
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#





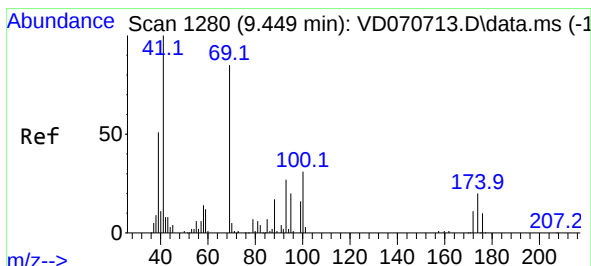
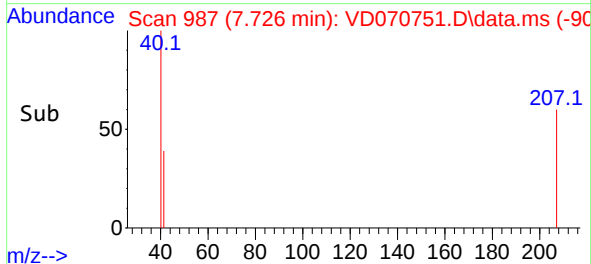
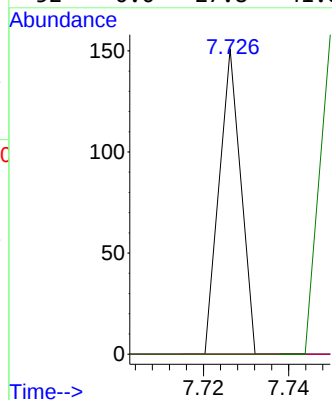
#41
Methacrylonitrile
Concen: 3.14 ug/l
RT: 7.726 min Scan# 987
Delta R.T. 0.212 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821



Tgt Ion: 41 Resp: 53

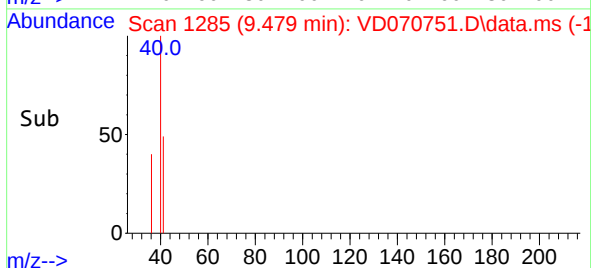
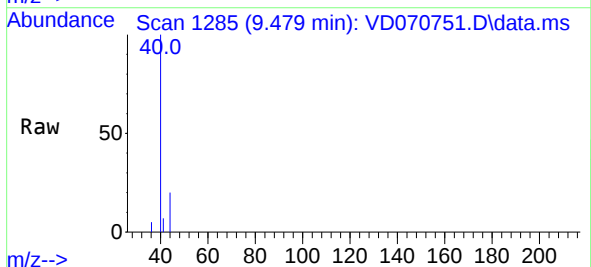
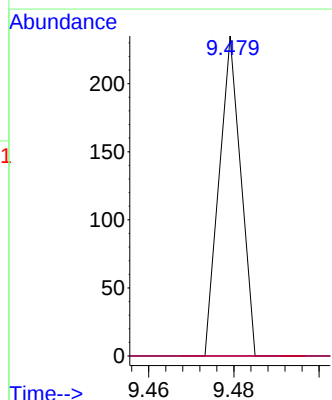
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#

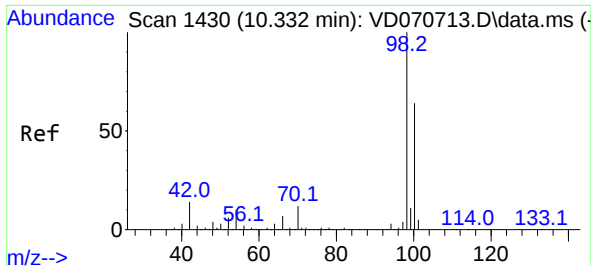


#48
Methyl methacrylate
Concen: 1.32 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.030 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 41 Resp: 83

Ion	Ratio	Lower	Upper
41	100		
69	0.0	78.5	117.7#
39	0.0	34.9	52.3#

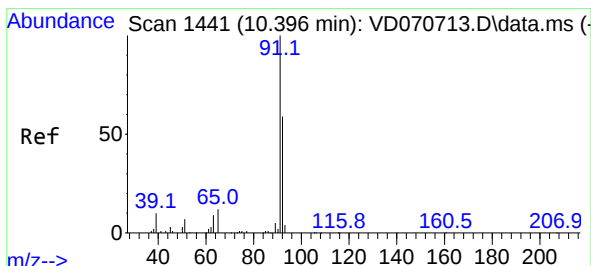
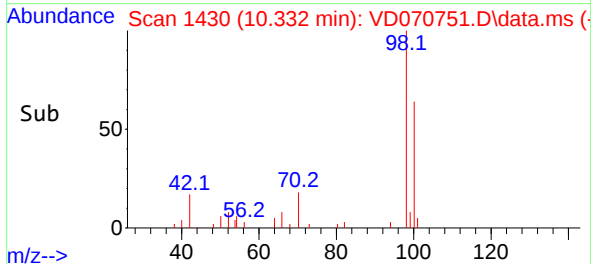
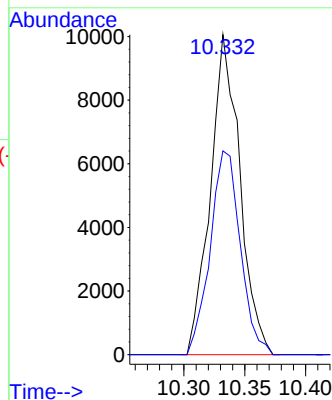
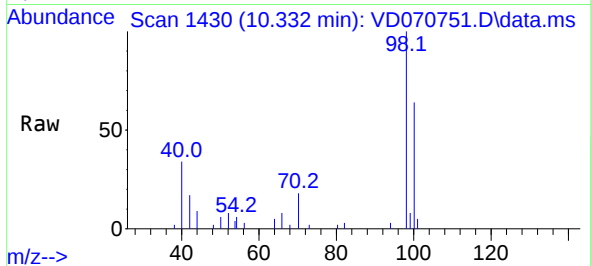




#50
Toluene-d8
Concen: 47.13 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

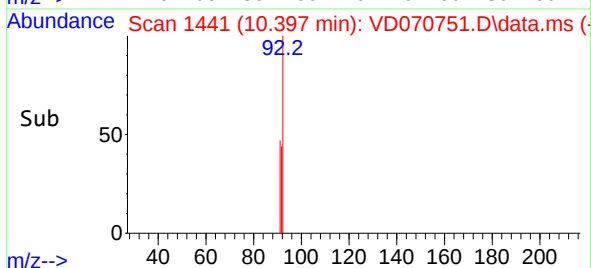
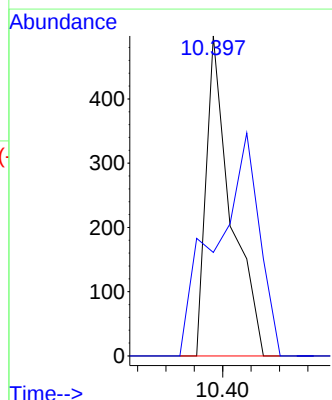
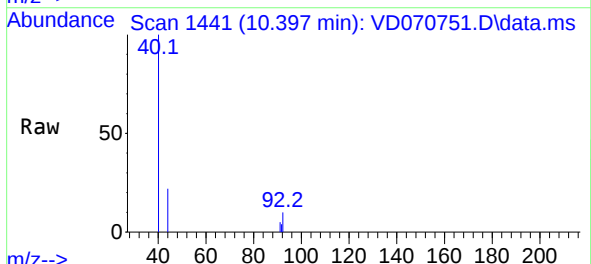
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

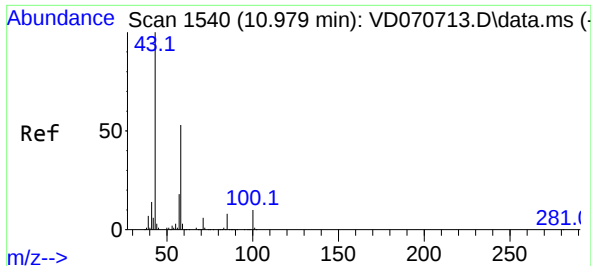
Tgt Ion: 98 Resp: 16919
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#52
Toluene
Concen: 1.07 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 92 Resp: 300
Ion Ratio Lower Upper
92 100
91 123.3 136.3 204.5#

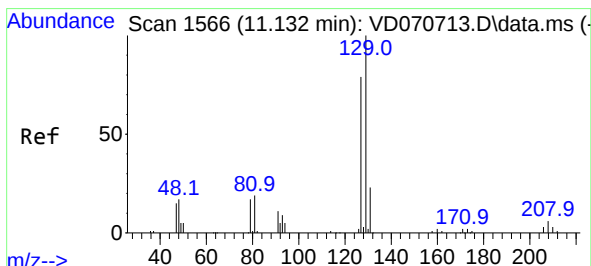
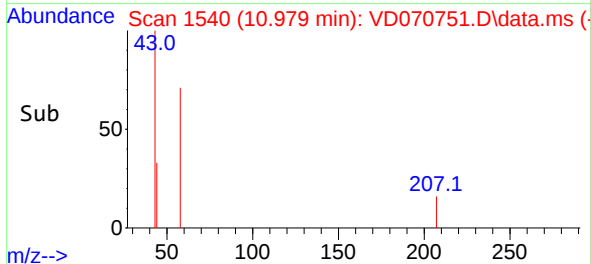
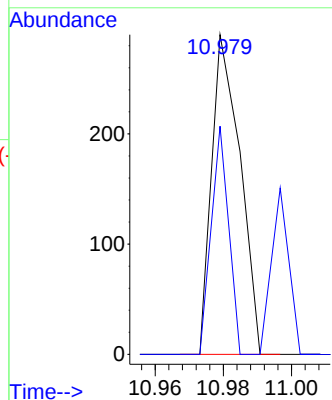
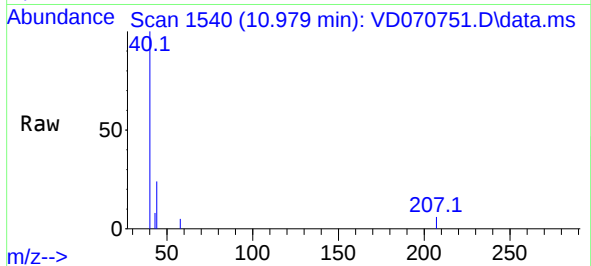




#59
2-Hexanone
Concen: 3.50 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

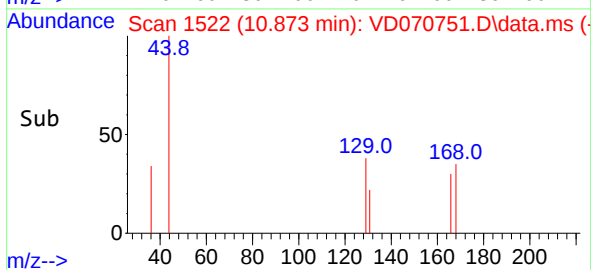
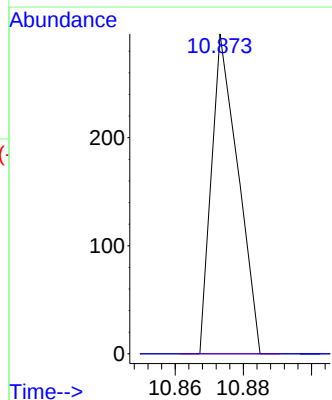
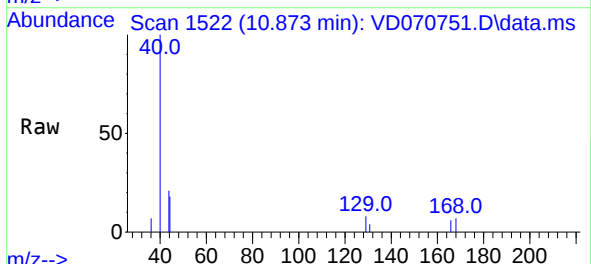
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

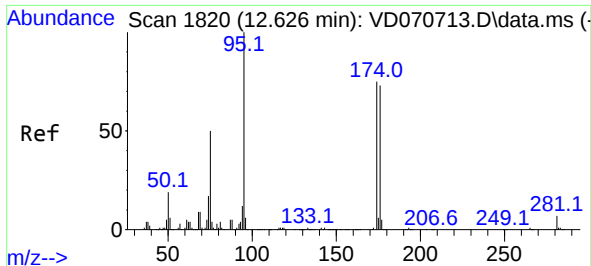
Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 43.7 30.4 91.3



#60
Dibromochloromethane
Concen: 1.71 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.259 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 129 Resp: 160
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

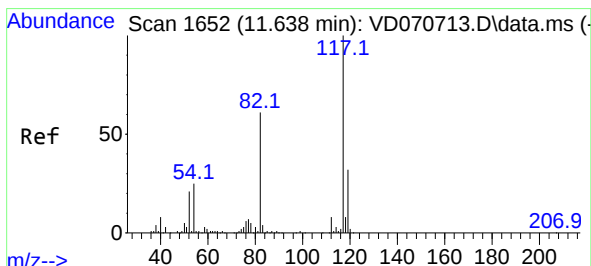
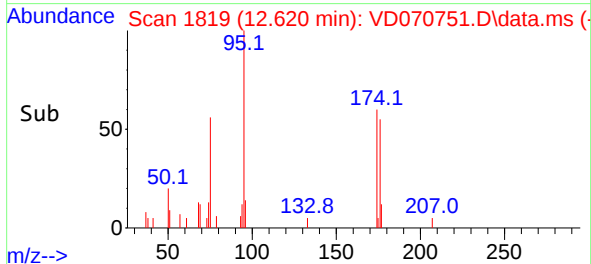
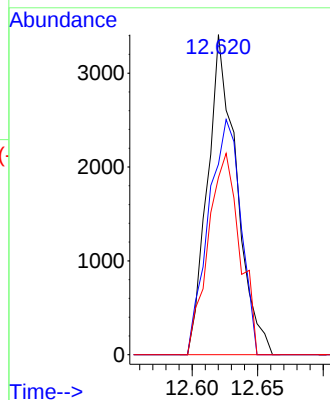
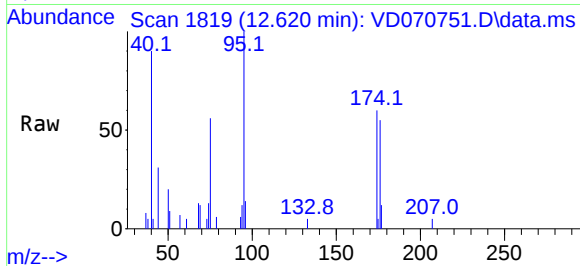




#62
4-Bromofluorobenzene
Concen: 42.46 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

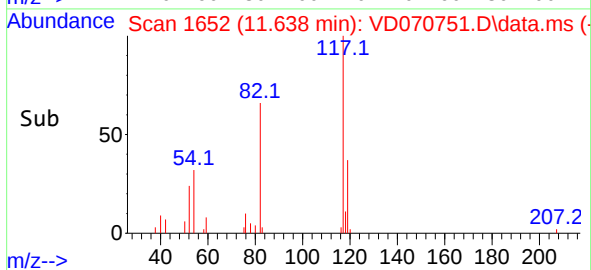
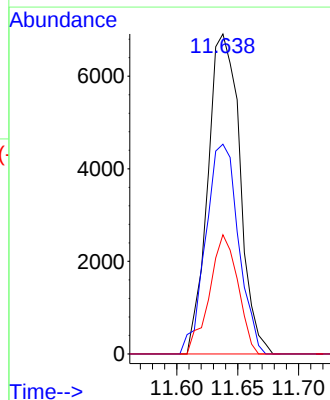
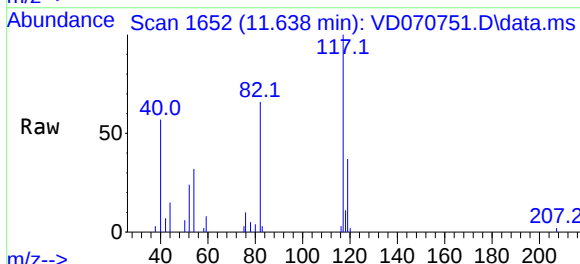
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

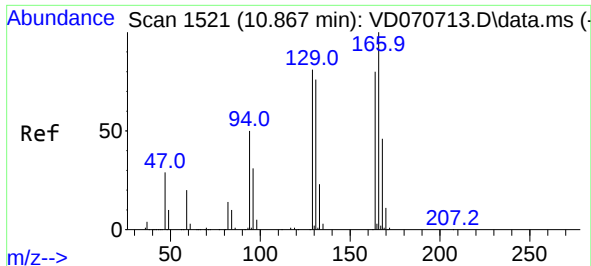
Tgt Ion:	95	Resp:	5249
Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	138.0
176	68.3	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

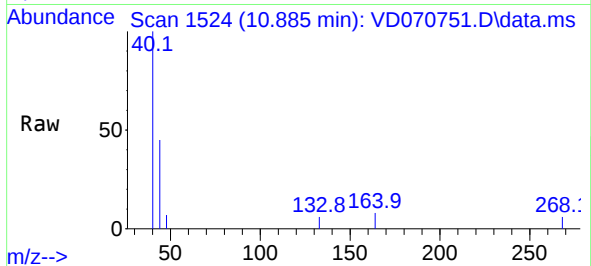
Tgt Ion:	117	Resp:	12646
Ion	Ratio	Lower	Upper
117	100		
82	65.5	45.4	68.2
119	37.2	24.7	37.1#



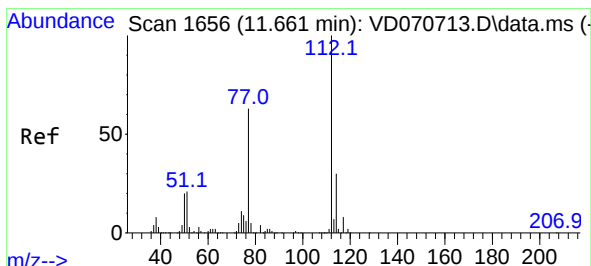
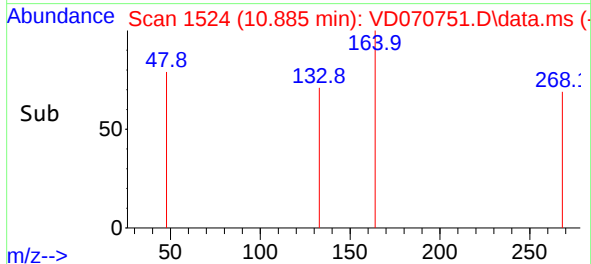
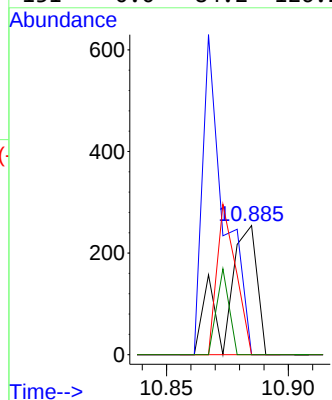


#64
Tetrachloroethene
Concen: 2.61 ug/l
RT: 10.885 min Scan# 1524
Delta R.T. 0.018 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

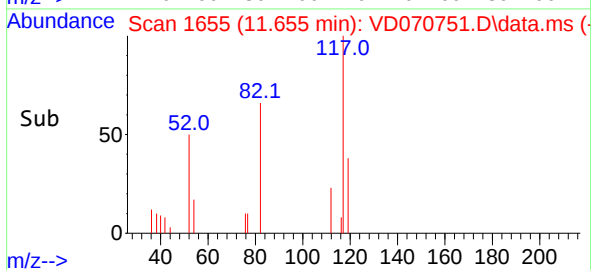
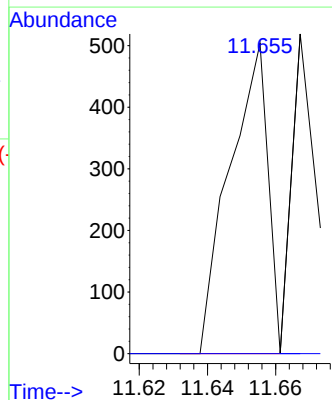
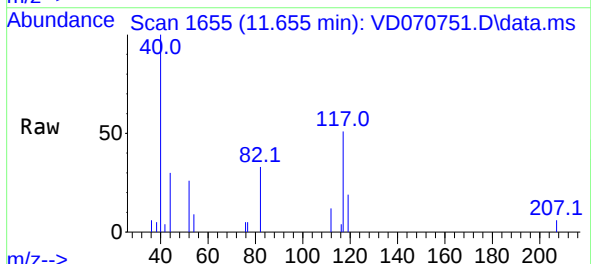


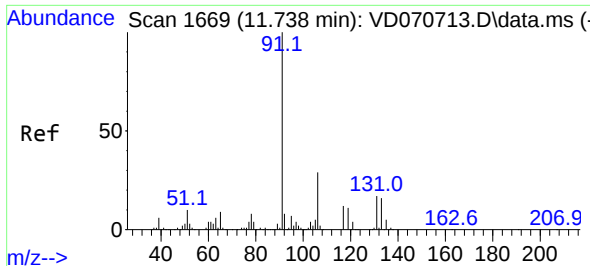
Tgt Ion:164 Resp: 222
Ion Ratio Lower Upper
164 100
166 0.0 105.8 158.6#
129 0.0 83.8 125.6#
131 0.0 84.2 126.2#



#65
Chlorobenzene
Concen: 1.52 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion:112 Resp: 393
Ion Ratio Lower Upper
112 100
114 0.0 25.3 37.9#

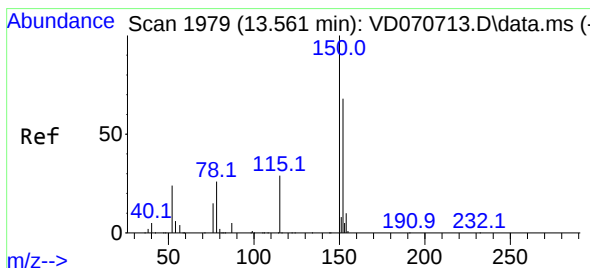
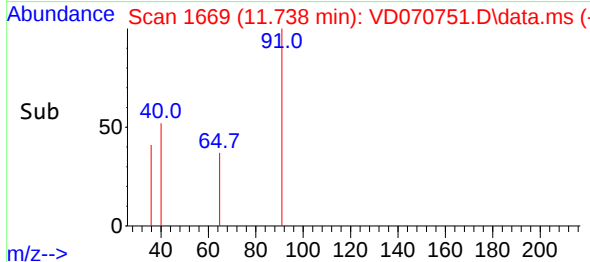
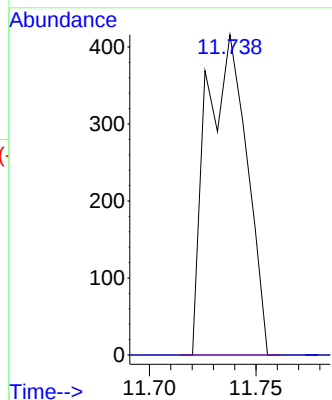
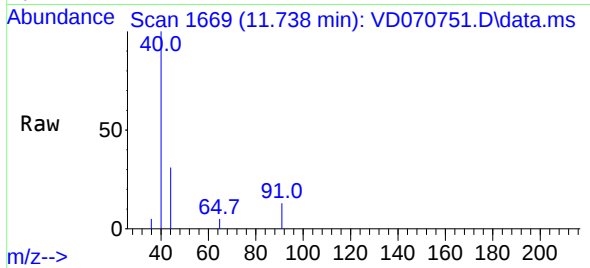




#67
Ethyl Benzene
Concen: 1.15 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

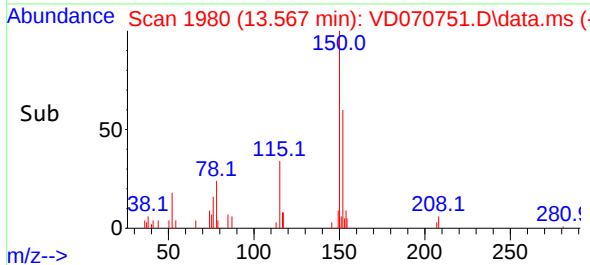
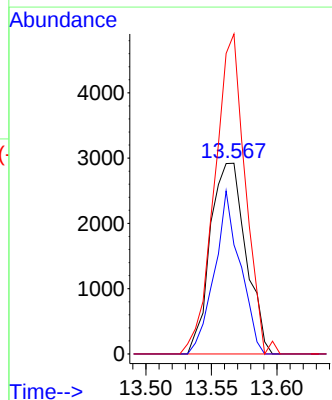
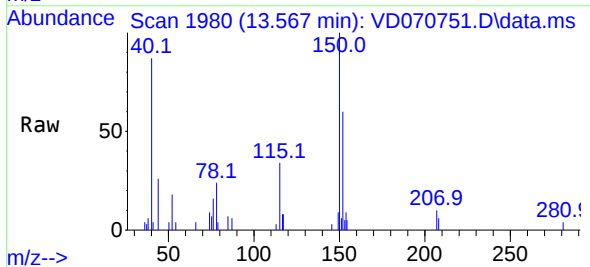
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

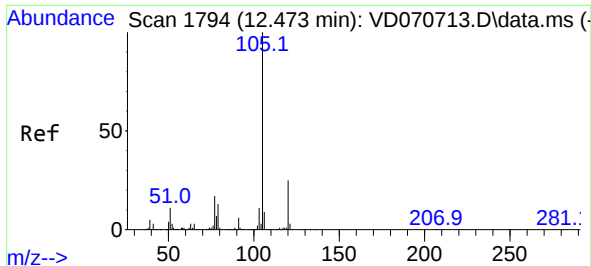
Tgt Ion: 91 Resp: 546
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion:152 Resp: 5527
Ion Ratio Lower Upper
152 100
115 61.5 31.9 95.7
150 143.8 0.0 350.0

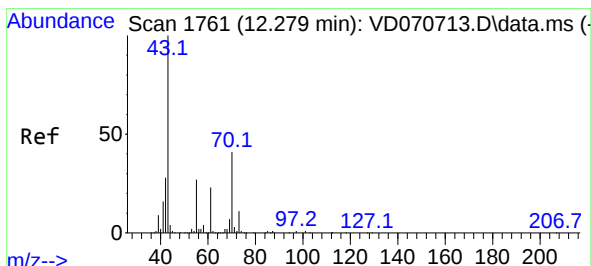
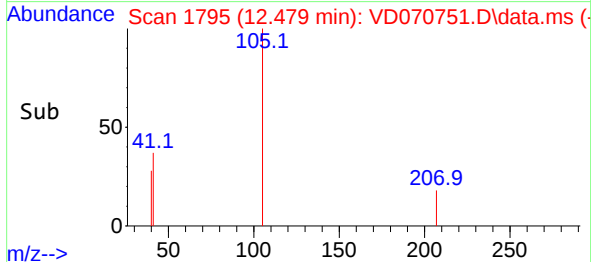
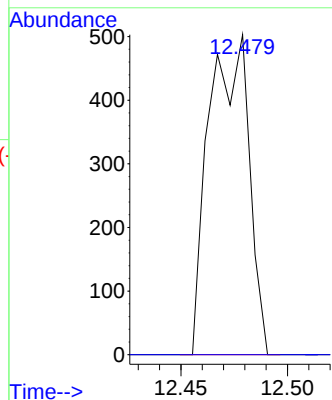
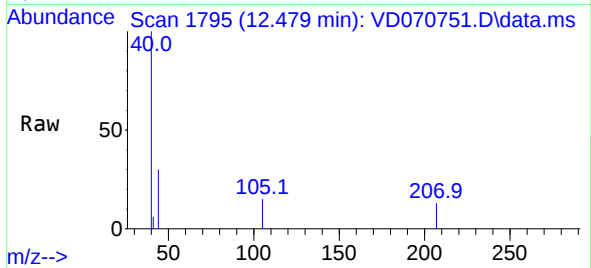




#73
Isopropylbenzene
Concen: 1.67 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

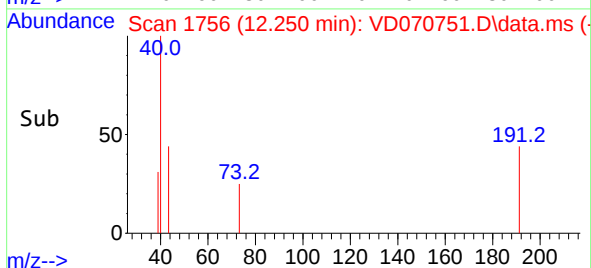
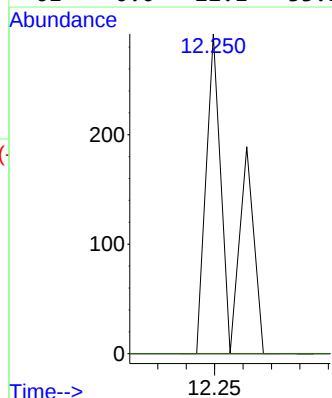
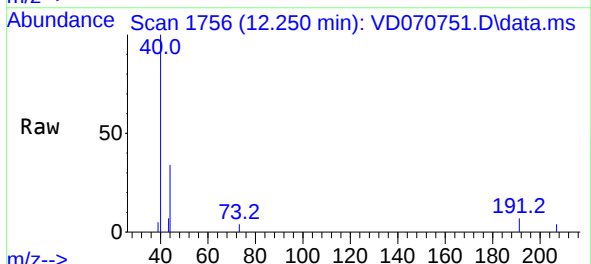
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

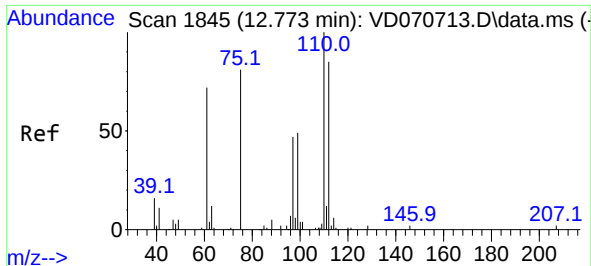
Tgt Ion:105 Resp: 656
Ion Ratio Lower Upper
105 100
120 0.0 12.8 38.3#



#74
N-ethyl acetate
Concen: 1.66 ug/l
RT: 12.250 min Scan# 1756
Delta R.T. -0.029 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
70 0.0 40.0 60.0#
55 0.0 23.8 35.6#
61 0.0 22.1 33.1#

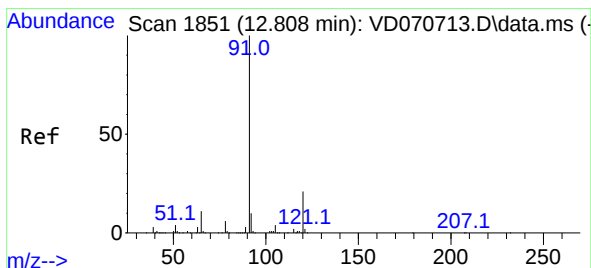
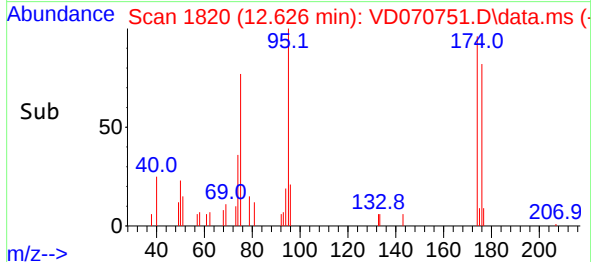
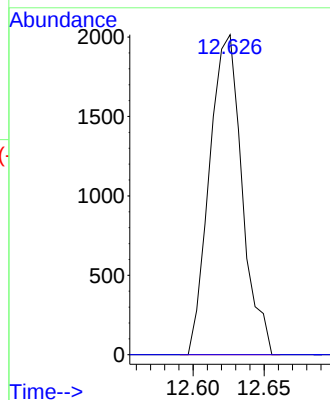
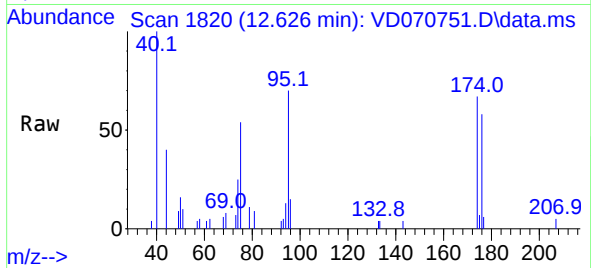




#76
1,2,3-Trichloropropane
Concen: 67.48 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

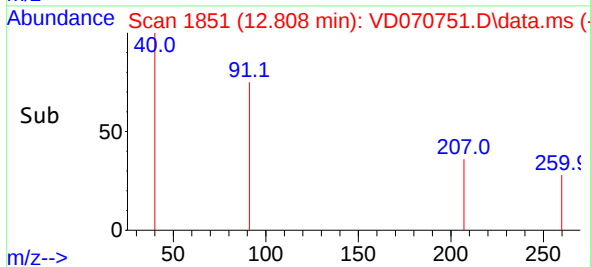
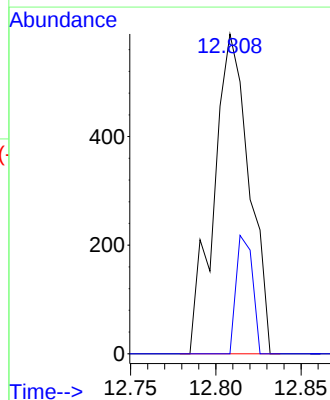
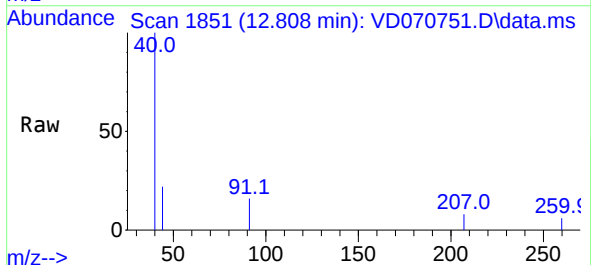
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

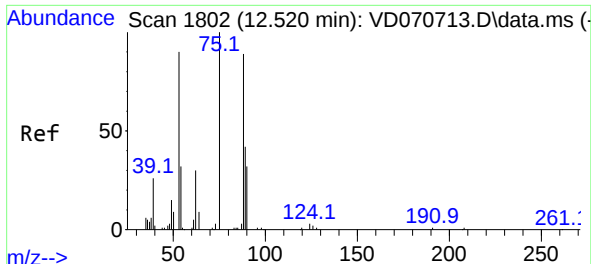
Tgt Ion: 75 Resp: 3222
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 1.67 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

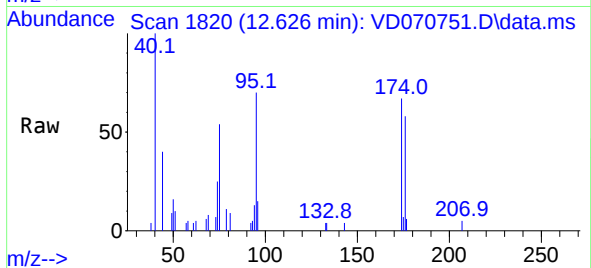
Tgt Ion: 91 Resp: 854
Ion Ratio Lower Upper
91 100
120 16.9 10.9 32.6



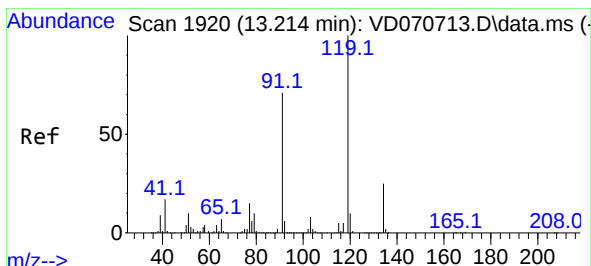
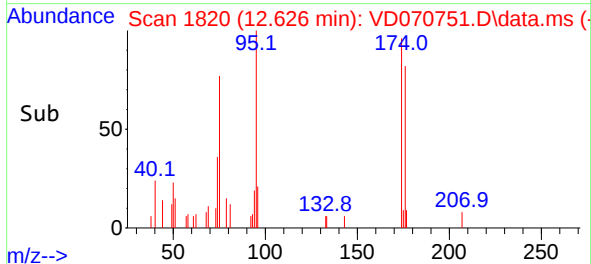
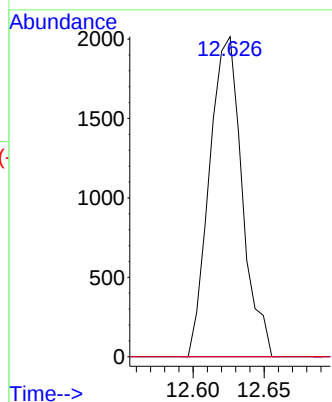


#81
trans-1,4-Dichloro-2-butene
Concen: 147.79 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

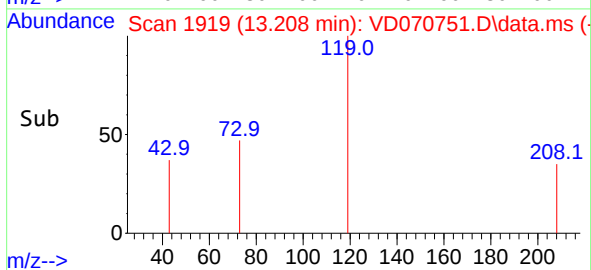
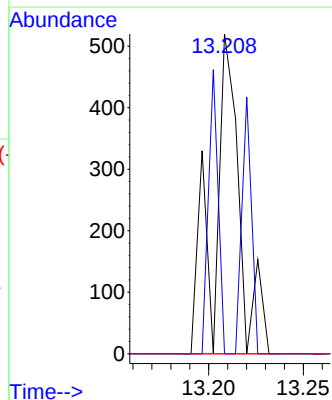
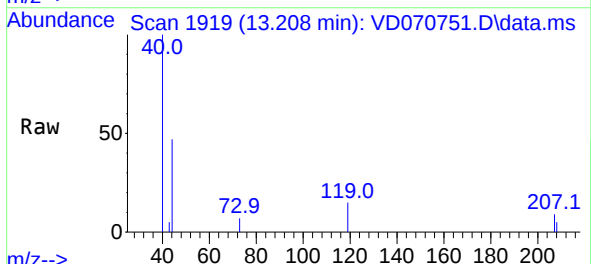


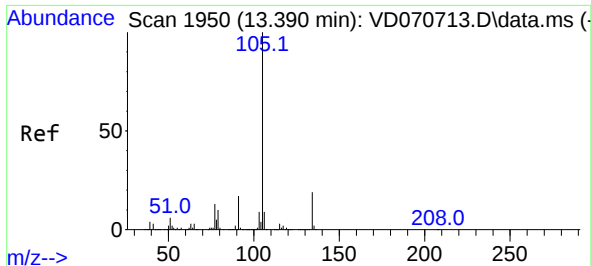
Tgt Ion: 75 Resp: 3222
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#



#83
tert-Butylbenzene
Concen: 1.78 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 119 Resp: 489
Ion Ratio Lower Upper
119 100
91 33.3 33.1 99.3
134 0.0 13.2 39.5#

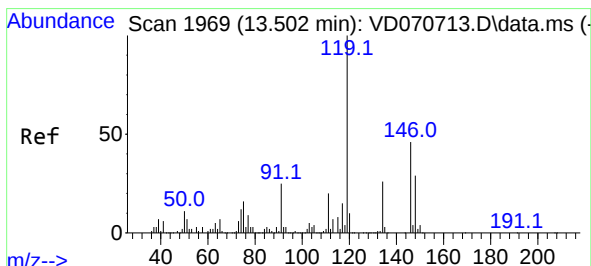
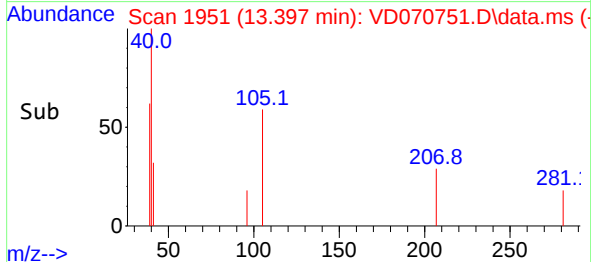
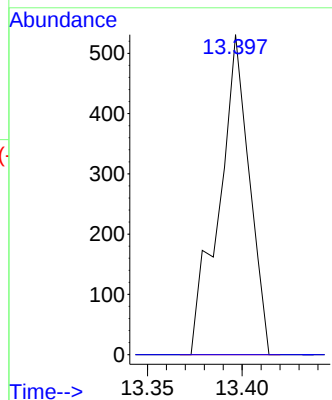
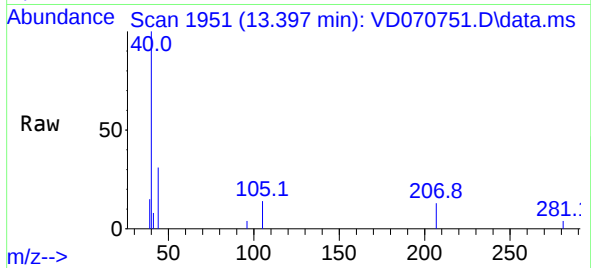




#85
sec-Butylbenzene
Concen: 1.37 ug/l
RT: 13.397 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

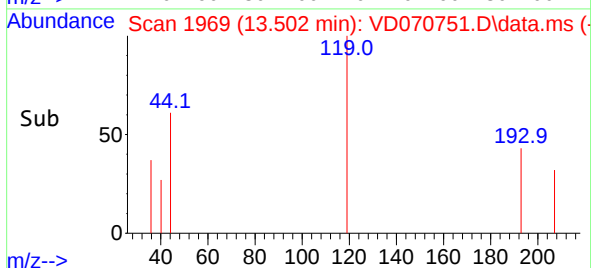
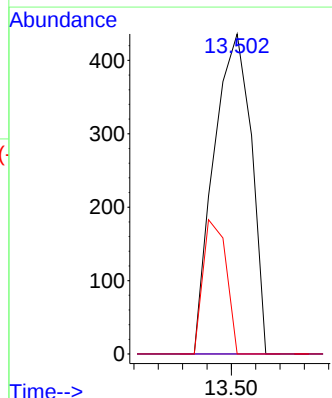
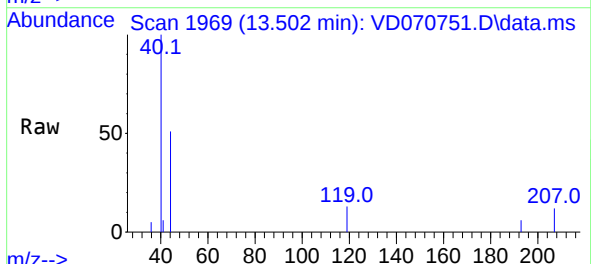
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

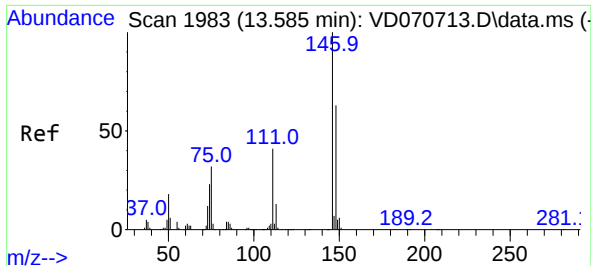
Tgt Ion:105 Resp: 591
Ion Ratio Lower Upper
105 100
134 0.0 9.3 28.0#



#86
p-Isopropyltoluene
Concen: 1.34 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion:119 Resp: 466
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 25.8 11.9 35.5

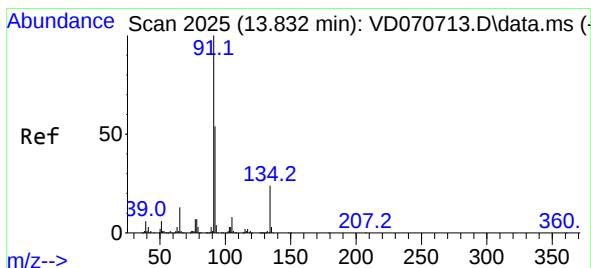
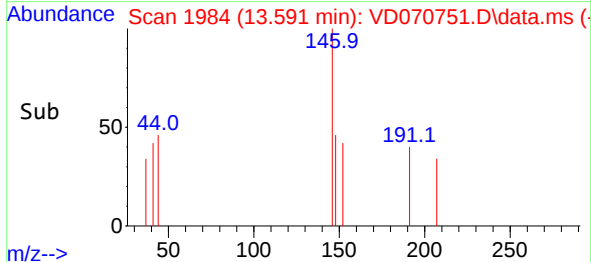
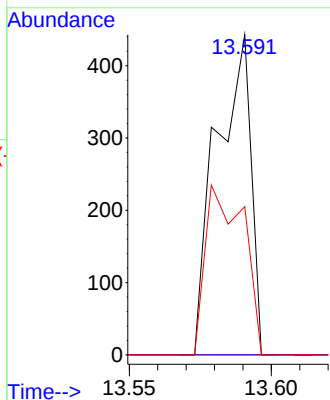
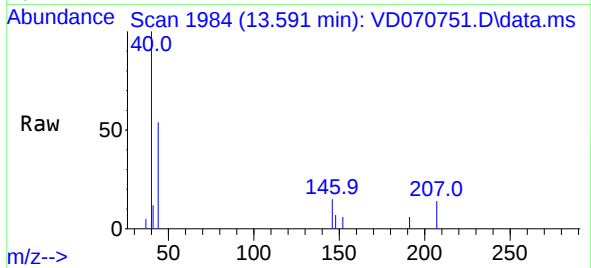




#88
1,4-Dichlorobenzene
Concen: 2.01 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

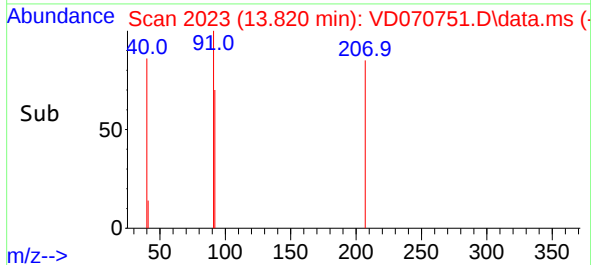
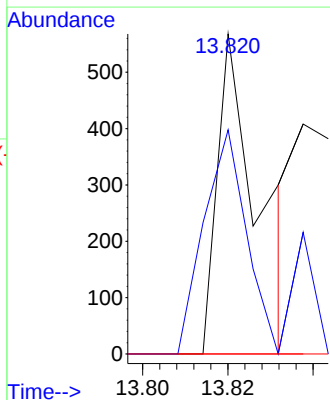
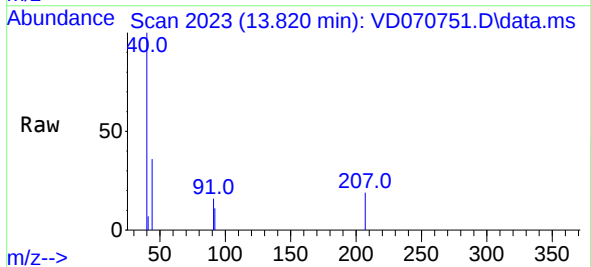
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

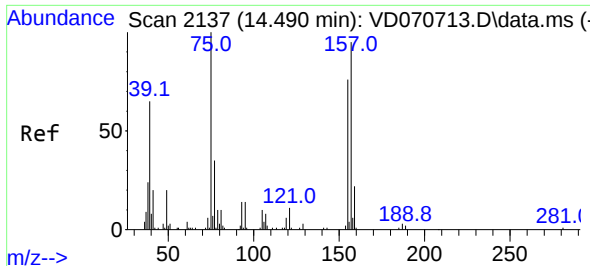
Tgt Ion:146 Resp: 372
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.4#
148 58.9 31.6 94.8



#89
n-Butylbenzene
Concen: 1.10 ug/l
RT: 13.820 min Scan# 2023
Delta R.T. -0.012 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion: 91 Resp: 387
Ion Ratio Lower Upper
91 100
92 71.3 26.8 80.4
134 0.0 12.2 36.4#

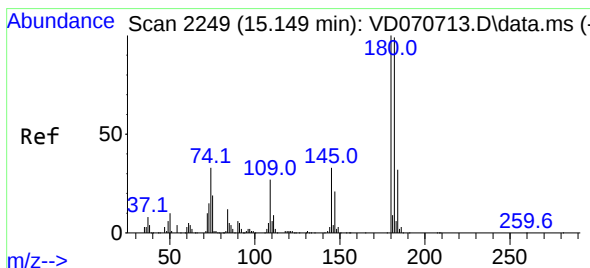
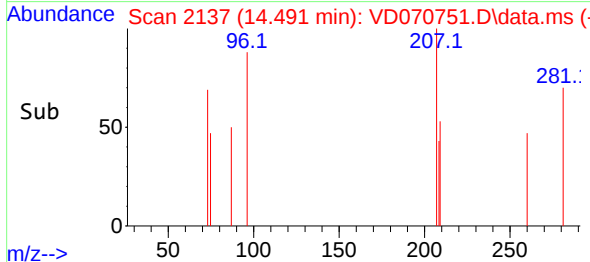
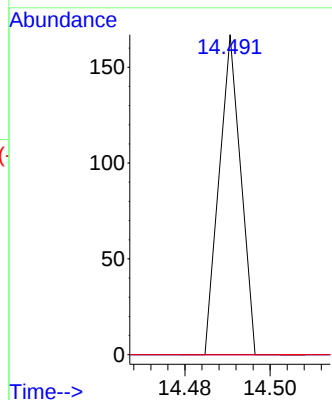
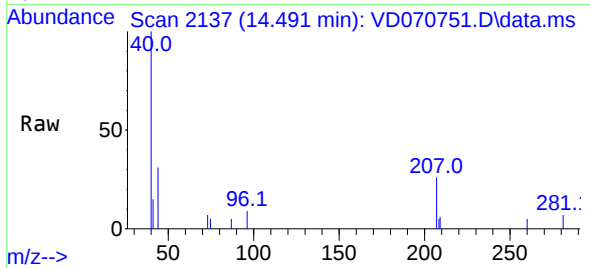




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.75 ug/l
 RT: 14.491 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VD070751.D
 Acq: 19 Oct 2021 11:43

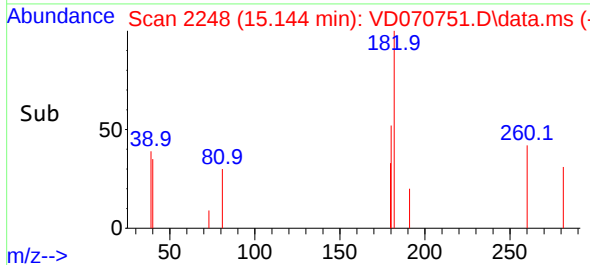
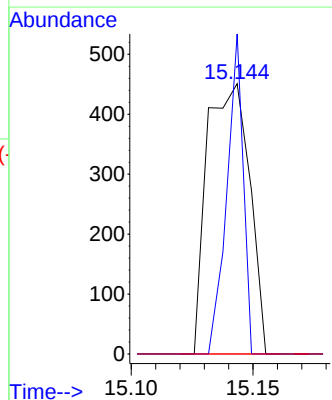
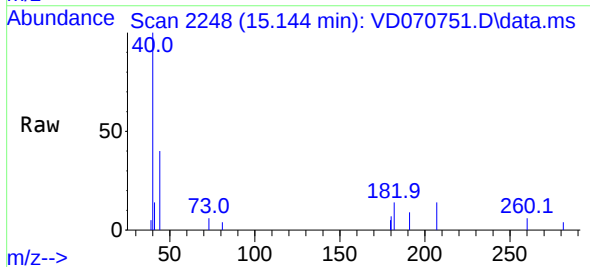
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-101821

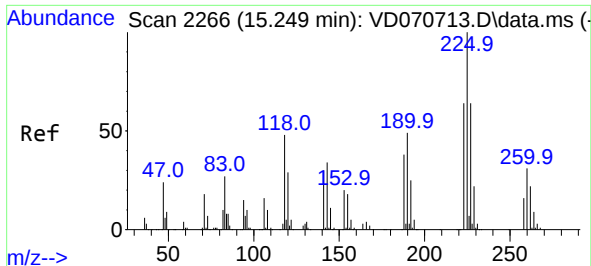
Tgt Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.1 114.5#
 157 0.0 47.6 142.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.95 ug/l
 RT: 15.144 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: VD070751.D
 Acq: 19 Oct 2021 11:43

Tgt Ion: 180 Resp: 545
 Ion Ratio Lower Upper
 180 100
 182 45.5 47.5 142.5#
 145 0.0 16.9 50.7#

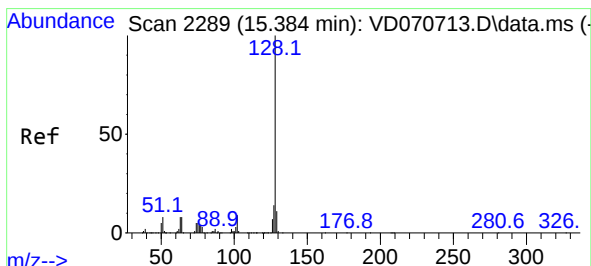
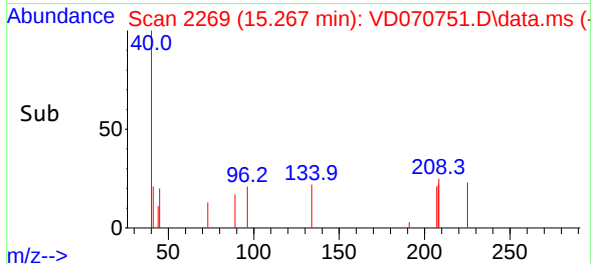
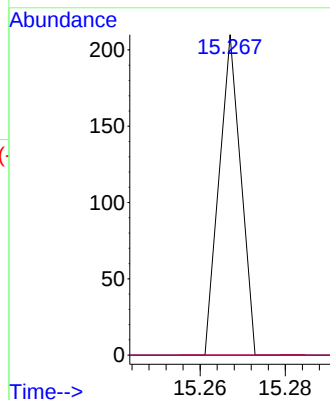
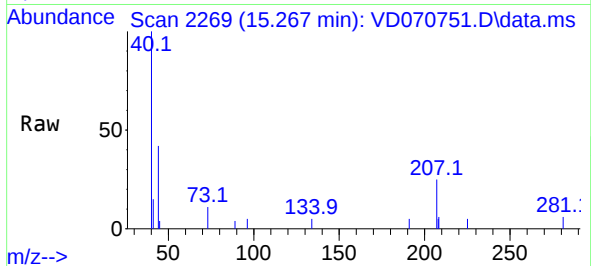




#94
Hexachlorobutadiene
Concen: 1.23 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.018 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

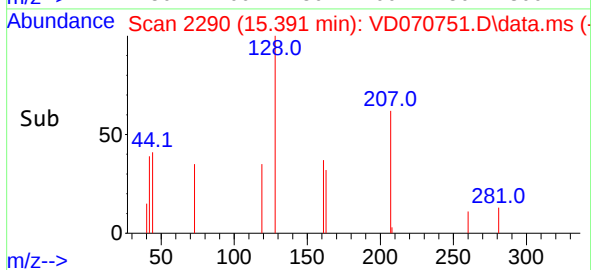
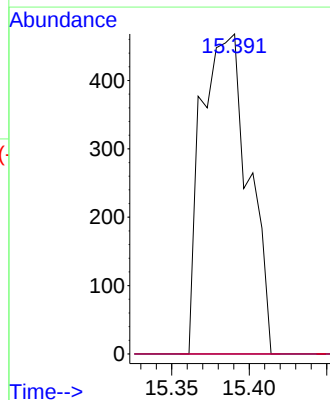
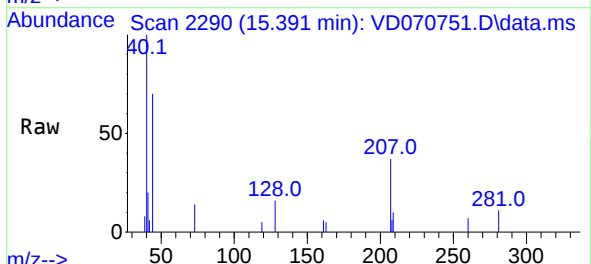
Instrument :
MSVOA_D
ClientSampleId :
OK-01-101821

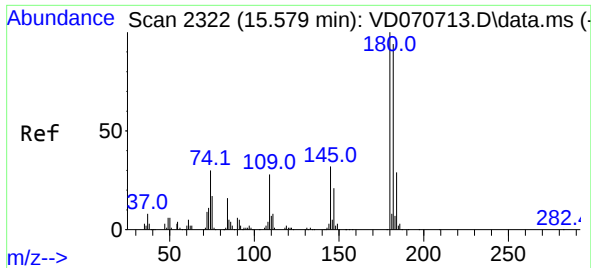
Tgt Ion:	225	Resp:	74
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.2	93.6#
227	0.0	32.2	96.6#



#95
Naphthalene
Concen: 9.79 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.007 min
Lab File: VD070751.D
Acq: 19 Oct 2021 11:43

Tgt Ion:	128	Resp:	988
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	0.0	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.82 ug/l
 RT: 15.585 min Scan# 2323
 Delta R.T. 0.006 min
 Lab File: VD070751.D
 Acq: 19 Oct 2021 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-101821

Tgt Ion:180 Resp: 392
 Ion Ratio Lower Upper
 180 100
 182 149.0 46.2 138.5#
 145 14.8 17.1 51.3#

