

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076946.D
 Acq On : 07 Aug 2023 22:17
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.80G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 04:42:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	157738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	309885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	287081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90916	57.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.740%	
35) Dibromofluoromethane	7.805	113	110526	56.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.520%	
50) Toluene-d8	10.269	98	351871	50.510	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.575	95	120008	53.251	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	51083	41.413	ug/l	98
3) Chloromethane	2.146	50	93304	43.850	ug/l	97
4) Vinyl Chloride	2.275	62	128433	45.280	ug/l	96
5) Bromomethane	2.675	94	102195	43.790	ug/l	100
6) Chloroethane	2.822	64	104169	48.642	ug/l	97
7) Trichlorofluoromethane	3.164	101	123155	48.796	ug/l	99
8) Diethyl Ether	3.593	74	47219	54.339	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.958	101	80076	48.267	ug/l	96
10) Methyl Iodide	4.158	142	103479	55.331	ug/l	92
11) Tert butyl alcohol	5.058	59	31841	271.591	ug/l	99
12) 1,1-Dichloroethene	3.934	96	75746	48.596	ug/l	94
13) Acrolein	3.787	56	5421	67.852	ug/l	96
14) Allyl chloride	4.558	41	84025	41.036	ug/l	92
15) Acrylonitrile	5.252	53	76206	178.555	ug/l	97
16) Acetone	4.022	43	74640	198.925	ug/l	100
17) Carbon Disulfide	4.264	76	144535	39.702	ug/l	99
18) Methyl Acetate	4.558	43	185432	131.537	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	235535	56.349	ug/l	99
20) Methylene Chloride	4.793	84	146408	69.557	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	90926	50.185	ug/l	96
22) Diisopropyl ether	6.216	45	251346	51.838	ug/l	96
23) Vinyl Acetate	6.158	43	54271	22.622	ug/l	97
24) 1,1-Dichloroethane	6.105	63	181645	55.563	ug/l	95
25) 2-Butanone	7.081	43	124566	248.055	ug/l	93
26) 2,2-Dichloropropane	7.081	77	54564	19.362	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	119851	53.660	ug/l	97
28) Bromochloromethane	7.422	49	39033	47.757	ug/l	90
29) Tetrahydrofuran	7.446	42	79038	266.389	ug/l	94
30) Chloroform	7.599	83	203406	56.808	ug/l	98
31) Cyclohexane	7.881	56	92856	40.159	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	158766	54.957	ug/l	99
36) 1,1-Dichloropropene	8.005	75	119187	46.838	ug/l	97
37) Ethyl Acetate	7.169	43	30219	26.555	ug/l	98
38) Carbon Tetrachloride	7.993	117	119145	48.899	ug/l	96
39) Methylcyclohexane	9.275	83	116172	39.539	ug/l	97
40) Benzene	8.246	78	393085	48.958	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	27662	39.806	ug/l	# 88
42) 1,2-Dichloroethane	8.322	62	111140	53.275	ug/l	98
43) Isopropyl Acetate	8.357	43	92028	41.437	ug/l	97
44) Trichloroethene	9.028	130	109917	50.239	ug/l	98
45) 1,2-Dichloropropane	9.304	63	108862	52.525	ug/l	98
46) Dibromomethane	9.393	93	64174	52.899	ug/l	93
47) Bromodichloromethane	9.581	83	163606	53.740	ug/l	98
48) Methyl methacrylate	9.381	41	54272	53.692	ug/l	85
49) 1,4-Dioxane	9.393	88	16361	1052.624	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	296314	250.587	ug/l	95
52) Toluene	10.334	92	258146	48.954	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	103861	36.755	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	123564	37.103	ug/l	# 88
55) 1,1,2-Trichloroethane	10.734	97	93731	52.910	ug/l	91
56) Ethyl methacrylate	10.599	69	94171	46.057	ug/l	93
57) 1,3-Dichloropropane	10.881	76	149298	51.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	177754	224.593	ug/l	98
59) 2-Hexanone	10.922	43	199517	236.465	ug/l	93
60) Dibromochloromethane	11.075	129	115656	56.199	ug/l	98
61) 1,2-Dibromoethane	11.181	107	85051	51.785	ug/l	98
64) Tetrachloroethene	10.810	164	137849	84.209	ug/l	93
65) Chlorobenzene	11.610	112	293119	50.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	116802	54.336	ug/l	97
67) Ethyl Benzene	11.687	91	515326	50.821	ug/l	95
68) m/p-Xylenes	11.793	106	412017	105.799	ug/l	93
69) o-Xylene	12.122	106	199687	53.025	ug/l	94
70) Styrene	12.134	104	349261	52.979	ug/l	98
71) Bromoform	12.298	173	66960	56.875	ug/l	# 100
73) Isopropylbenzene	12.422	105	500540	48.649	ug/l	96
74) N-amyl acetate	12.234	43	68297	31.509	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	108747	49.227	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	109032	80.847	ug/l	# 100
77) Bromobenzene	12.698	156	121763	51.271	ug/l	91
78) n-propylbenzene	12.763	91	598772	48.004	ug/l	95
79) 2-Chlorotoluene	12.851	91	336735	49.236	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	411786	49.497	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	13923	21.972	ug/l	96
82) 4-Chlorotoluene	12.945	91	346919	48.555	ug/l	96
83) tert-Butylbenzene	13.169	119	357439	48.796	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	432922	50.922	ug/l	96
85) sec-Butylbenzene	13.345	105	532832	47.610	ug/l	96
86) p-Isopropyltoluene	13.463	119	432577	46.802	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	238397	48.804	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	237980	49.726	ug/l	98
89) n-Butylbenzene	13.787	91	391747	43.313	ug/l	97
90) Hexachloroethane	14.051	117	87758	51.357	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	217482	50.527	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15223	48.331	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	128088	48.743	ug/l	96
94) Hexachlorobutadiene	15.204	225	54129	42.830	ug/l	97
95) Naphthalene	15.334	128	295089	51.863	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	121286	51.433	ug/l	96

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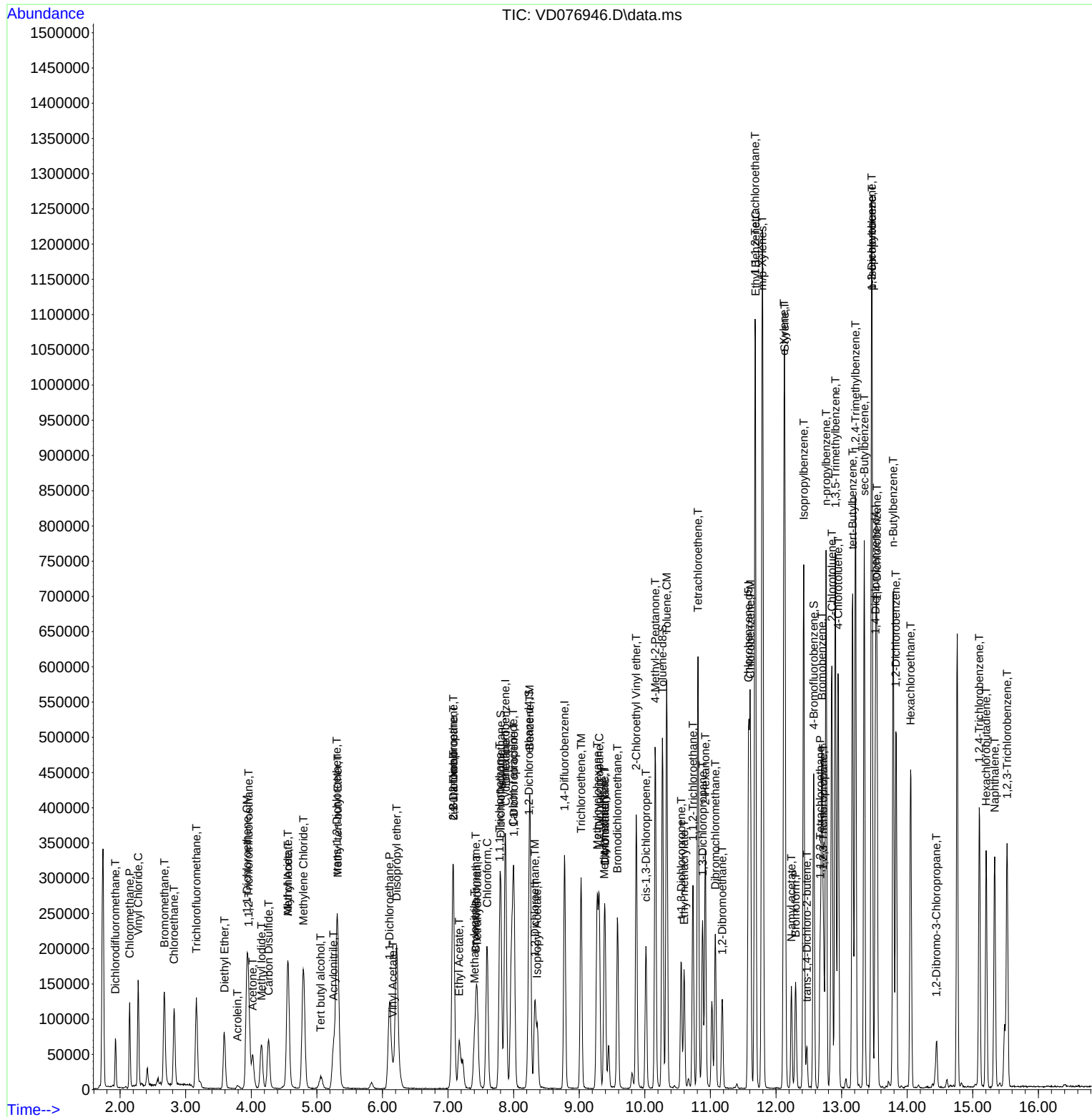
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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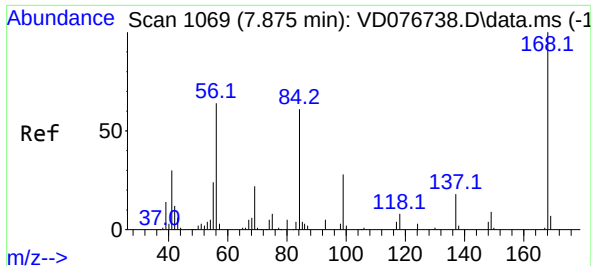
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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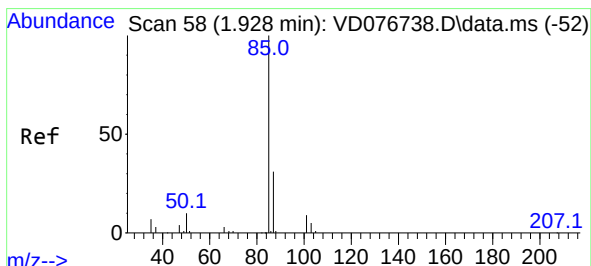
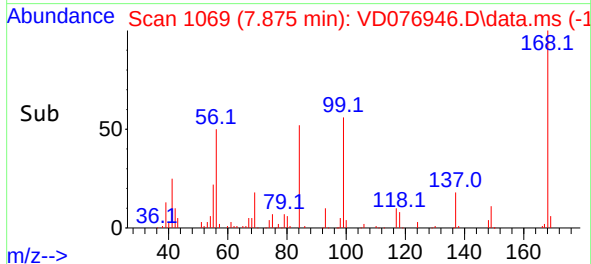
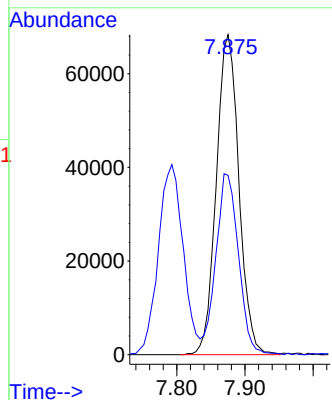
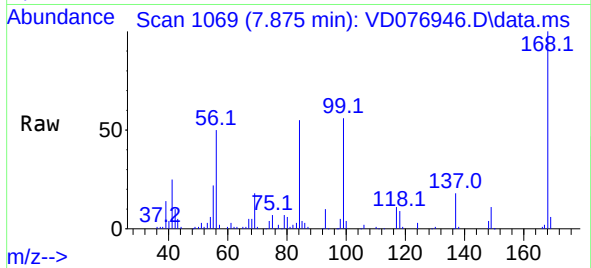




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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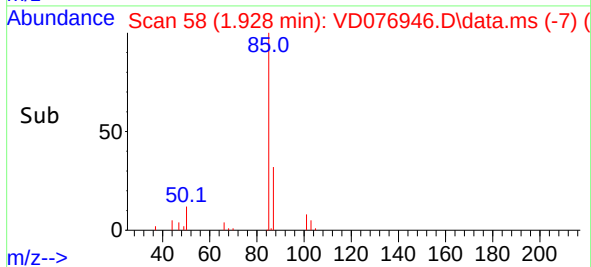
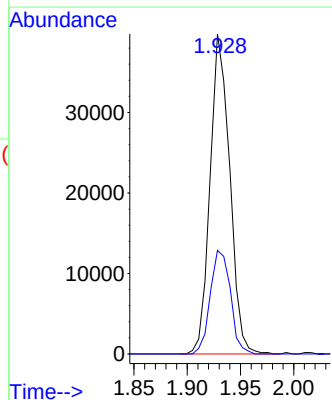
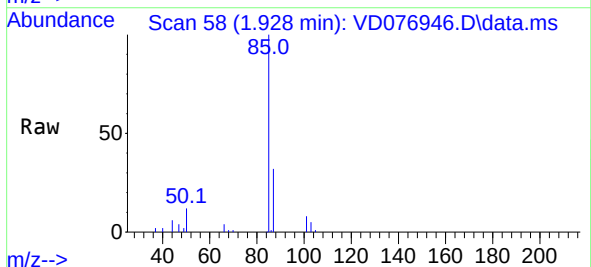
Instrument :
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VSTDCCC050EC

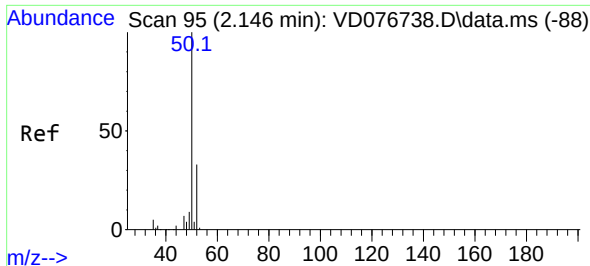
Tgt Ion:168 Resp: 157738
Ion Ratio Lower Upper
168 100
99 55.8 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 41.413 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 85 Resp: 51083
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0

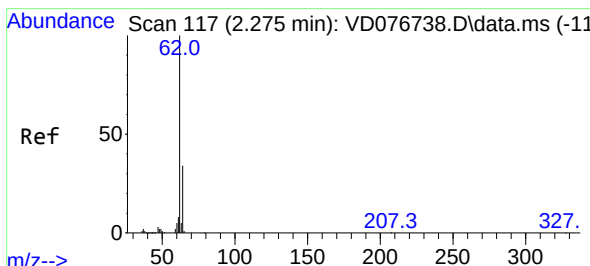
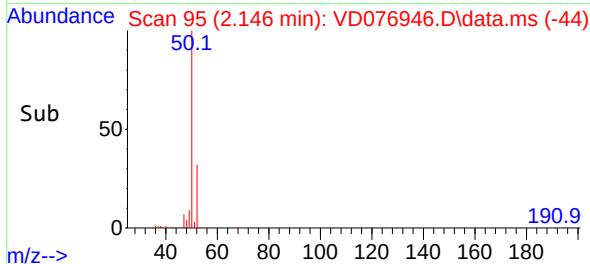
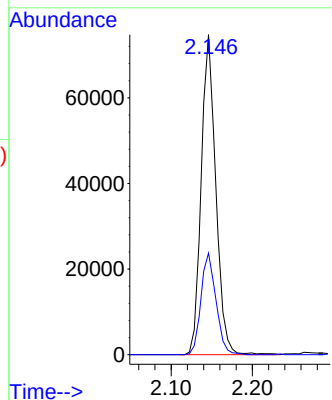
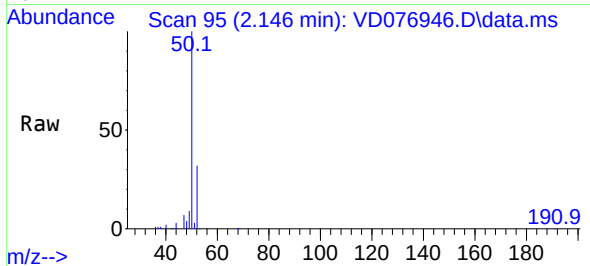




#3
Chloromethane
Concen: 43.850 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

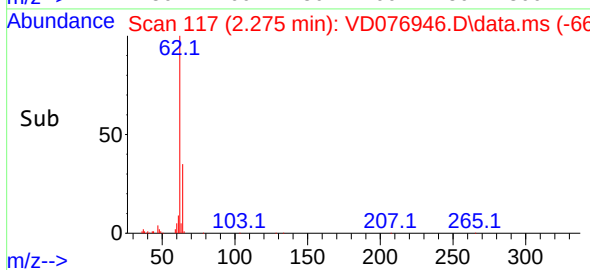
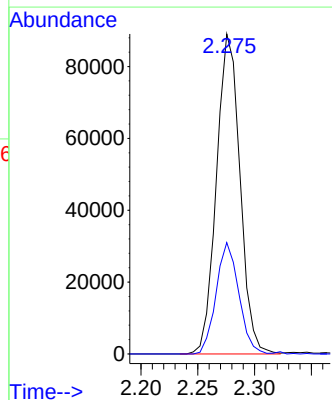
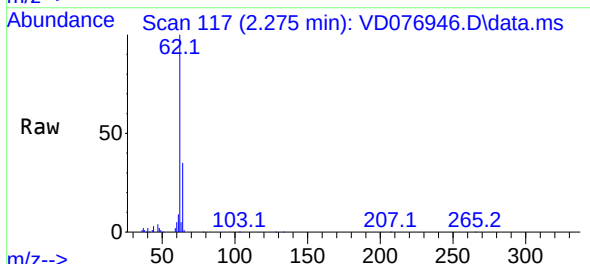
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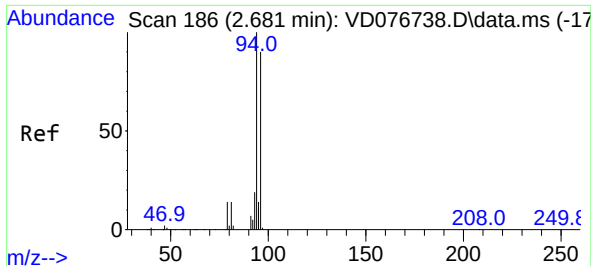
Tgt Ion: 50 Resp: 93304
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 45.280 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 62 Resp: 128433
Ion Ratio Lower Upper
62 100
64 34.8 26.0 39.0

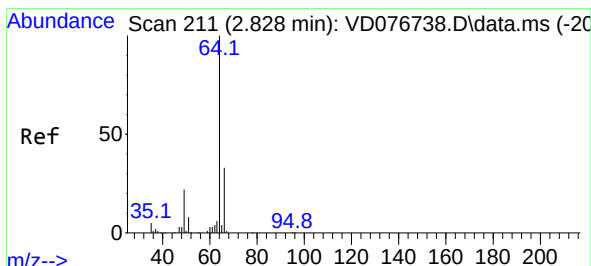
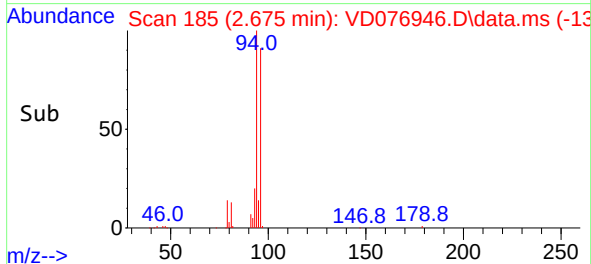
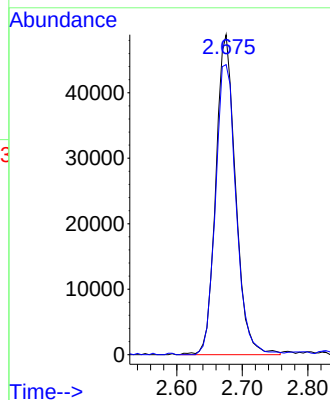
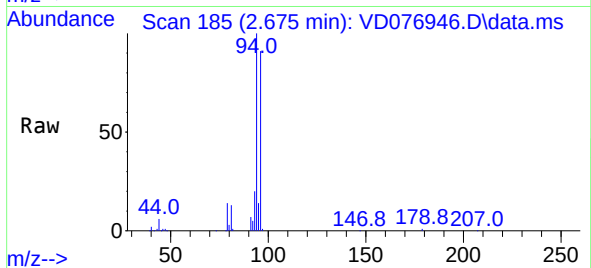




#5
Bromomethane
Concen: 43.790 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076946.D
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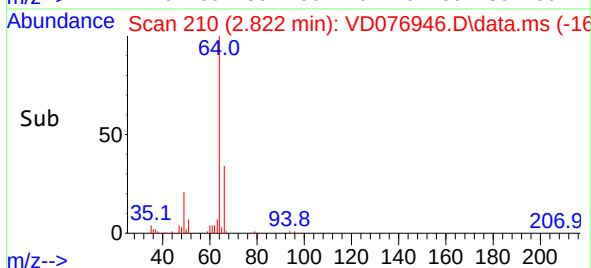
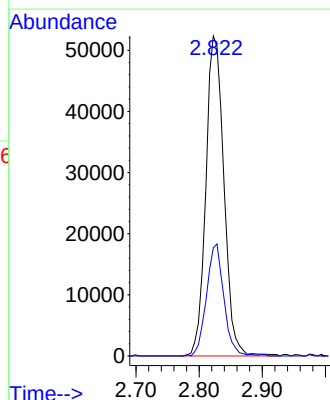
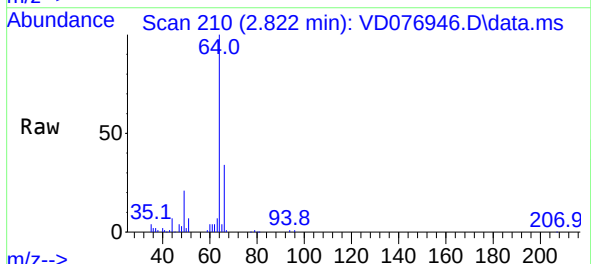
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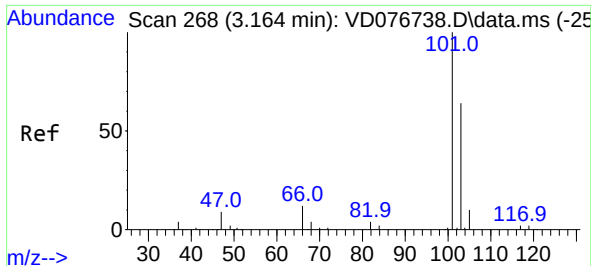
Tgt Ion: 94 Resp: 102195
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 48.642 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 64 Resp: 104169
Ion Ratio Lower Upper
64 100
66 33.8 25.5 38.3

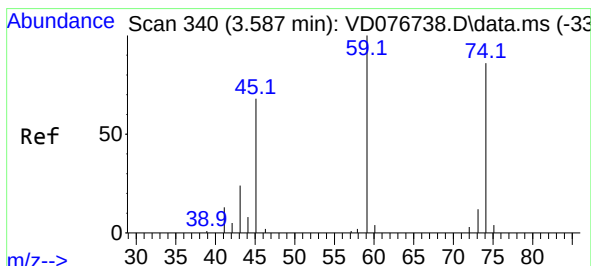
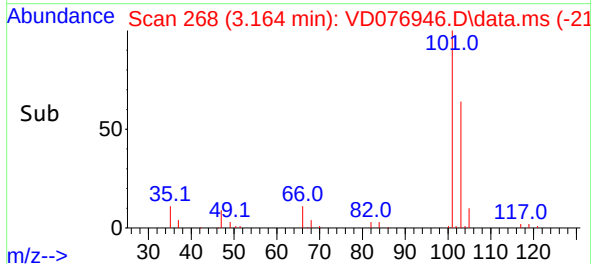
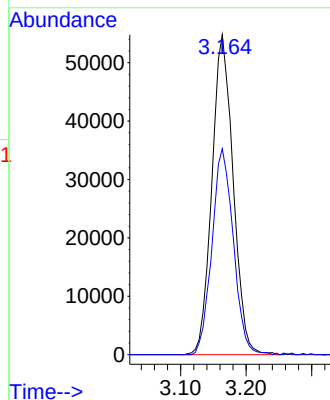
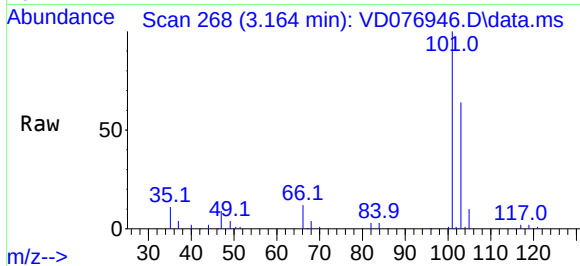




#7
Trichlorofluoromethane
Concen: 48.796 ug/l
RT: 3.164 min Scan# 201
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

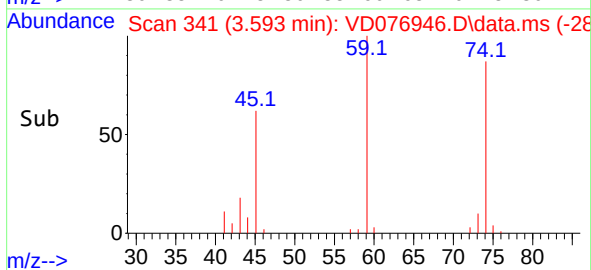
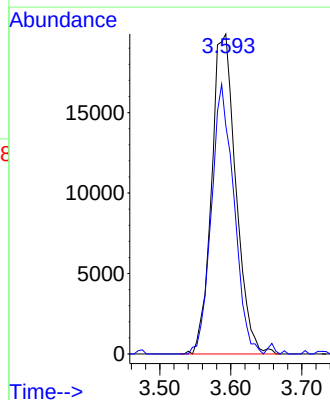
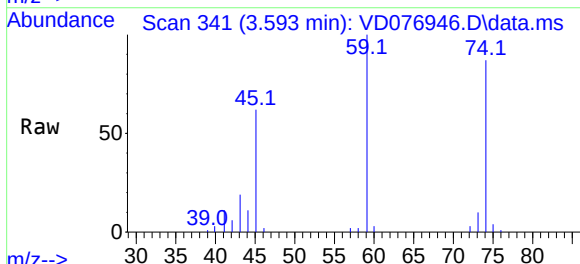
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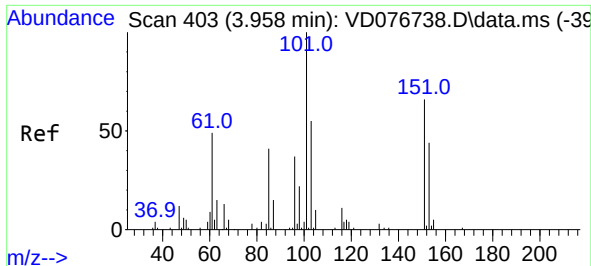
Tgt Ion:101 Resp: 123155
Ion Ratio Lower Upper
101 100
103 64.3 52.3 78.5



#8
Diethyl Ether
Concen: 54.339 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 47219
Ion Ratio Lower Upper
74 100
45 78.2 37.5 112.7

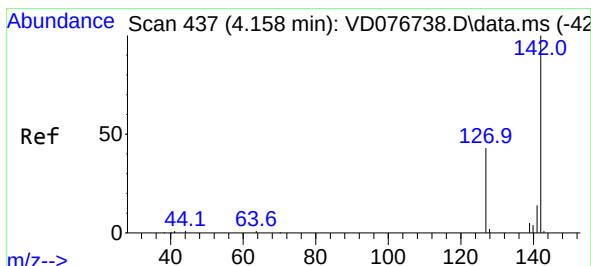
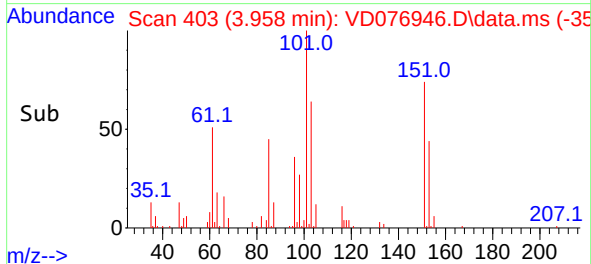
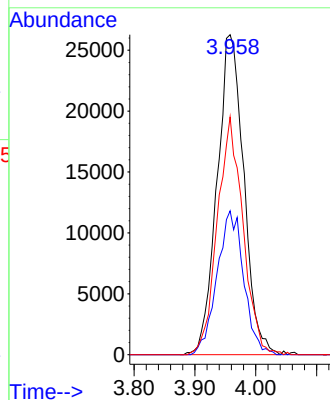
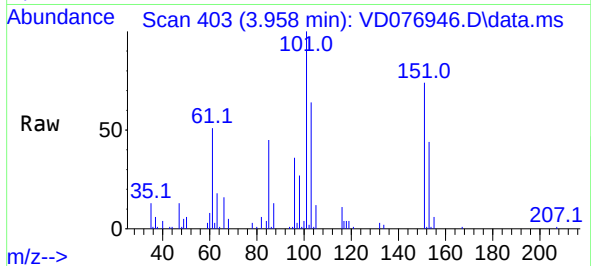




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.267 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

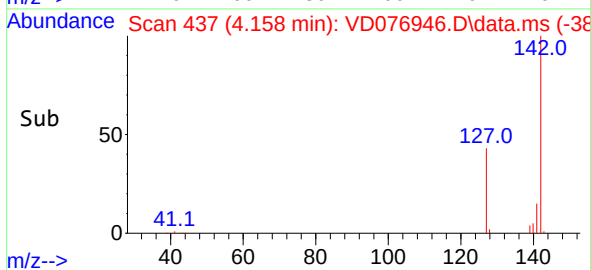
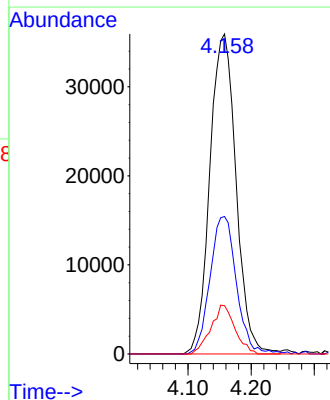
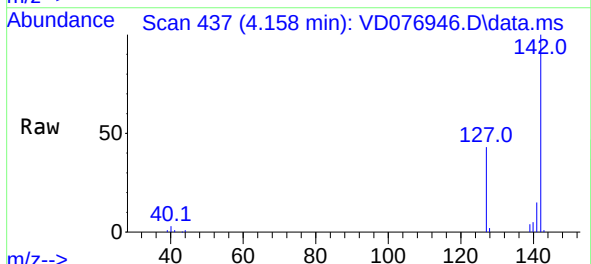
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

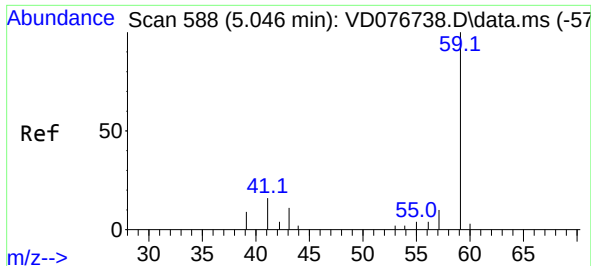
Tgt Ion:101	Resp:	80076
Ion	Ratio	Lower Upper
101	100	
85	44.9	33.8 50.6
151	71.4	59.8 89.6



#10
Methyl Iodide
Concen: 55.331 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:142	Resp:	103479
Ion	Ratio	Lower Upper
142	100	
127	43.4	29.4 44.0
141	14.0	11.1 16.7





#11

Tert butyl alcohol

Concen: 271.591 ug/l

RT: 5.058 min Scan# 588

Delta R.T. 0.012 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

Instrument :

MSVOA_D

ClientSampleId :

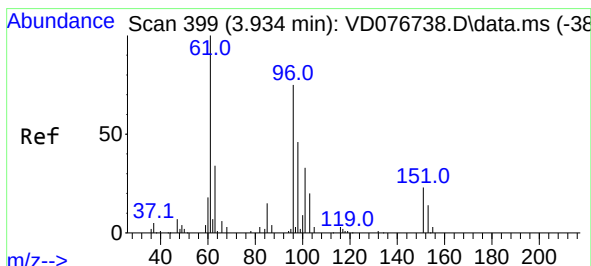
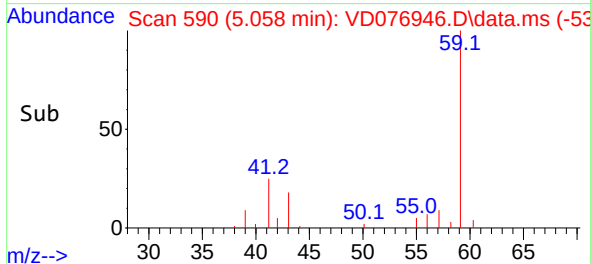
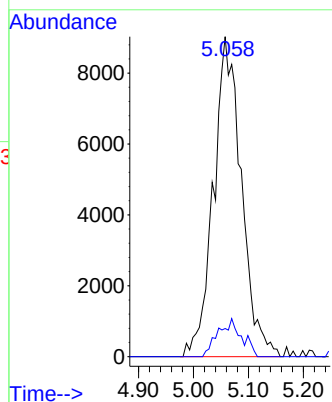
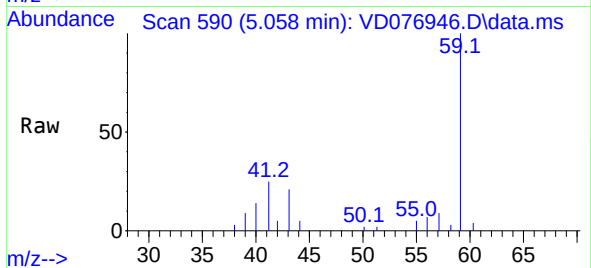
VSTDCCC050EC

Tgt Ion: 59 Resp: 31841

Ion Ratio Lower Upper

59 100

57 10.0 7.8 11.8



#12

1,1-Dichloroethene

Concen: 48.596 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

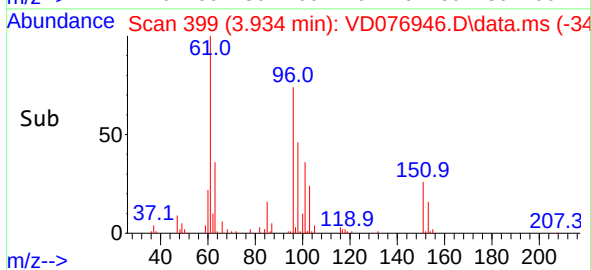
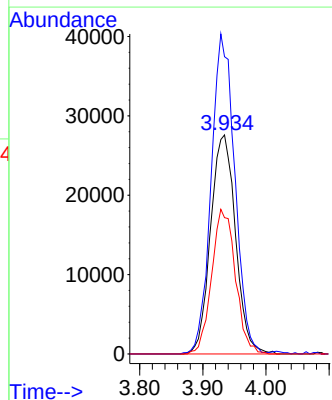
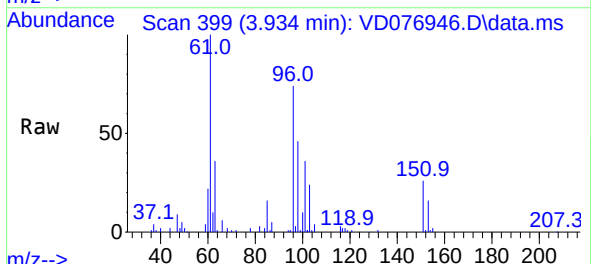
Tgt Ion: 96 Resp: 75746

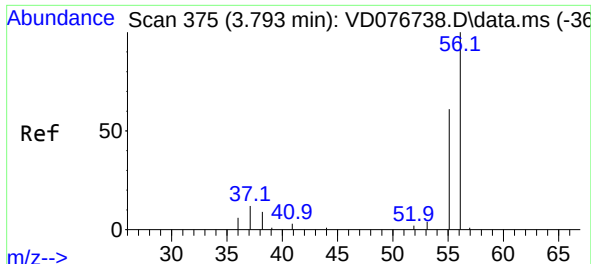
Ion Ratio Lower Upper

96 100

61 135.8 100.6 150.8

98 62.3 50.2 75.2

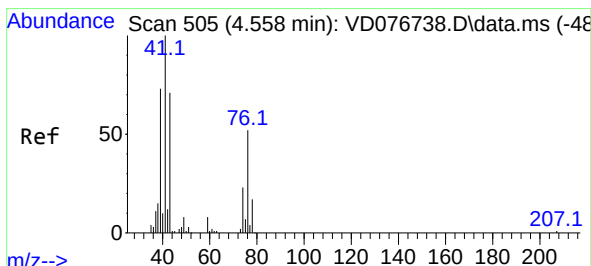
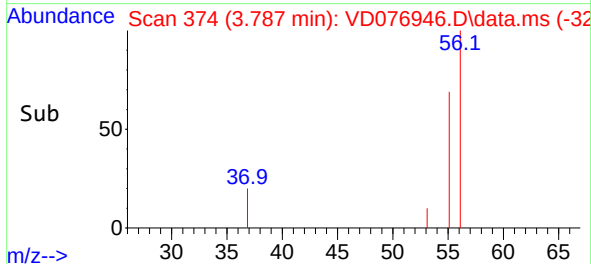
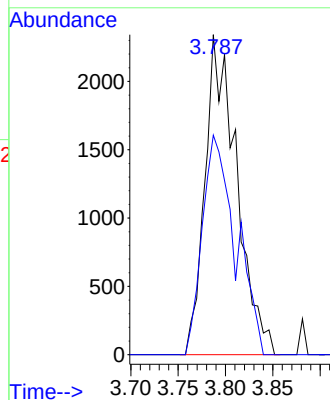
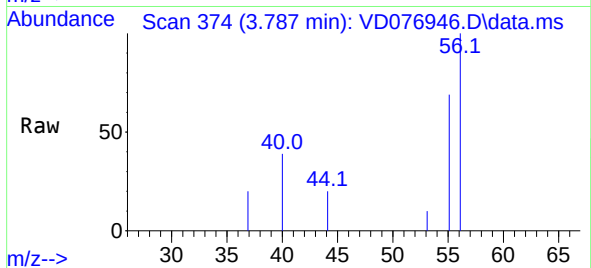




#13
Acrolein
Concen: 67.852 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

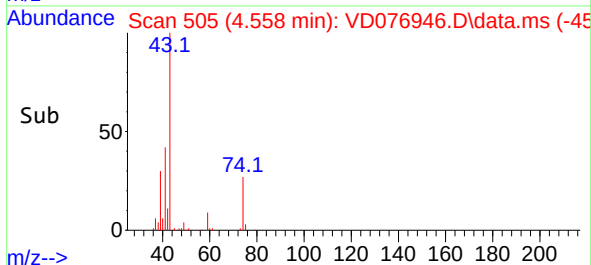
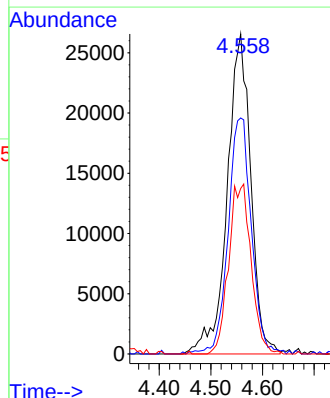
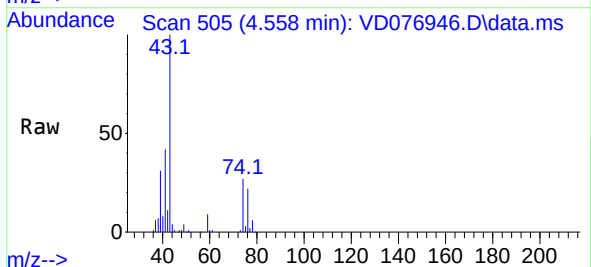
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

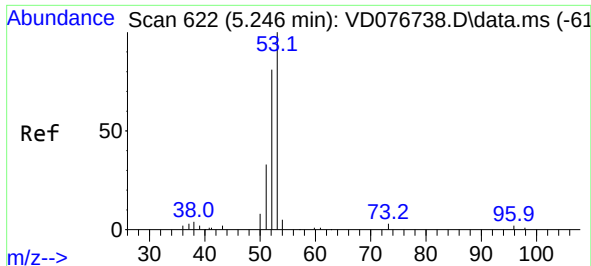
Tgt Ion: 56 Resp: 5421
Ion Ratio Lower Upper
56 100
55 72.5 55.1 82.7



#14
Allyl chloride
Concen: 41.036 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 41 Resp: 84025
Ion Ratio Lower Upper
41 100
39 72.8 53.8 80.6
76 50.7 45.8 68.8

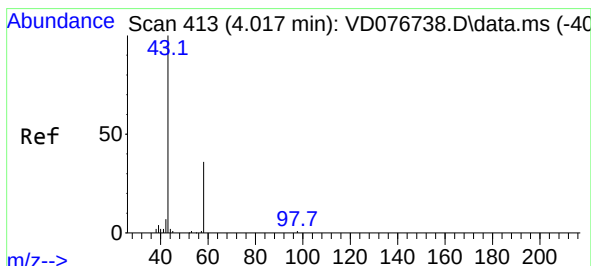
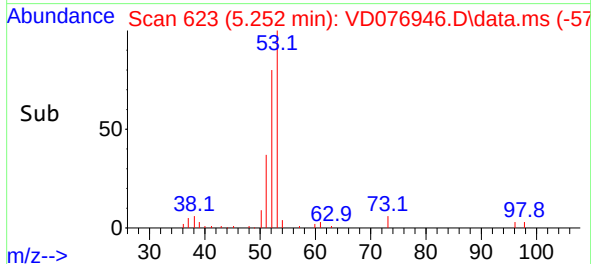
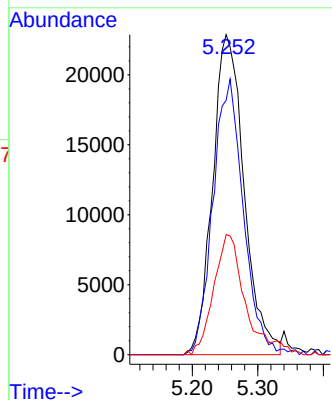
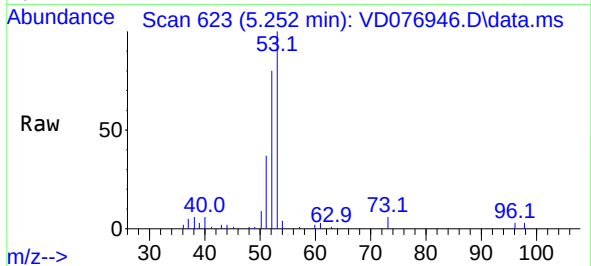




#15
Acrylonitrile
Concen: 178.555 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

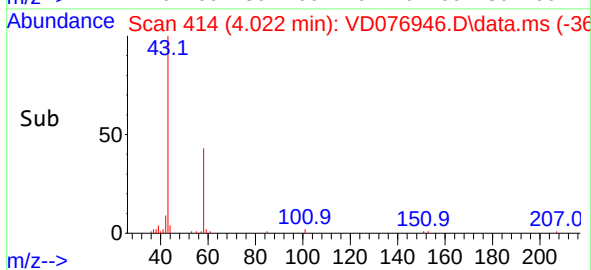
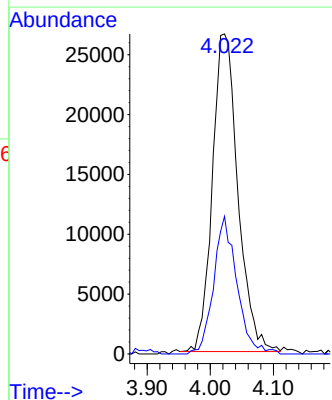
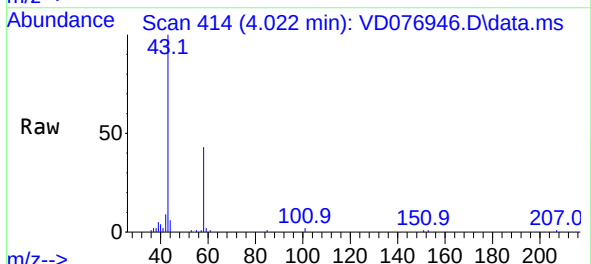
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

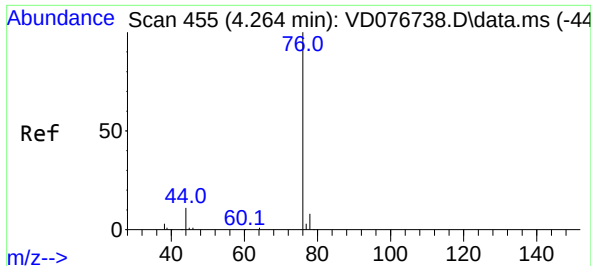
Tgt Ion: 53	Resp: 76206
Ion Ratio	Lower Upper
53 100	
52 83.4	65.0 97.4
51 37.9	28.3 42.5



#16
Acetone
Concen: 198.925 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 43	Resp: 74640
Ion Ratio	Lower Upper
43 100	
58 43.3	34.7 52.1

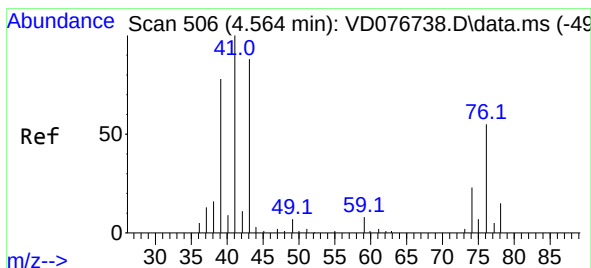
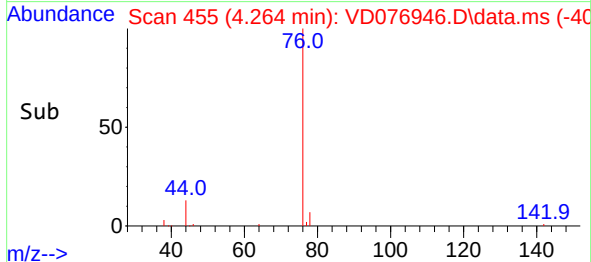
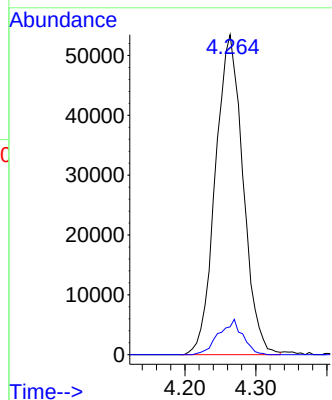
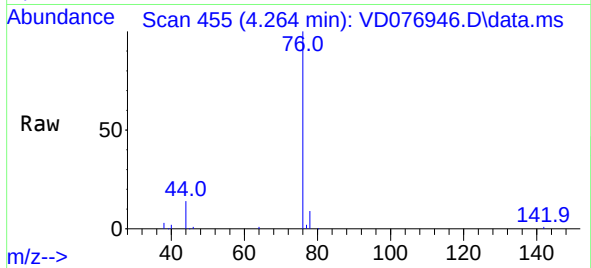




#17
Carbon Disulfide
Concen: 39.702 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

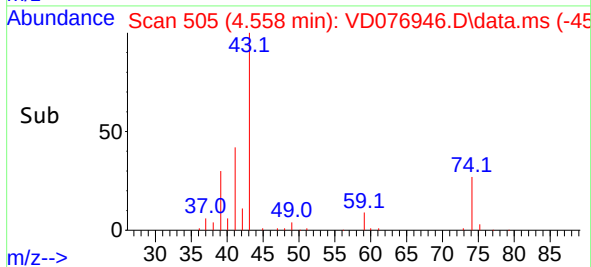
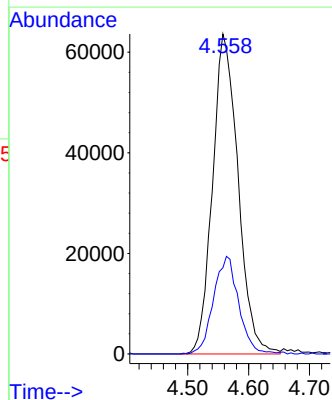
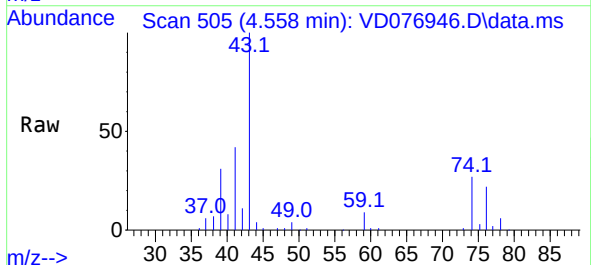
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

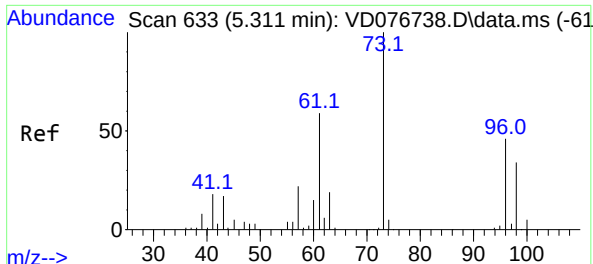
Tgt Ion: 76 Resp: 144535
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 131.537 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 43 Resp: 185432
Ion Ratio Lower Upper
43 100
74 30.0 26.4 39.6

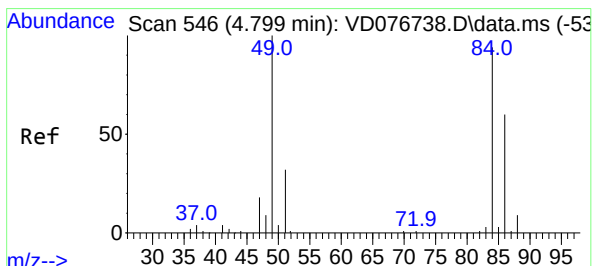
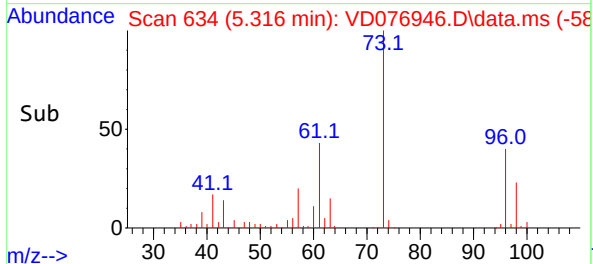
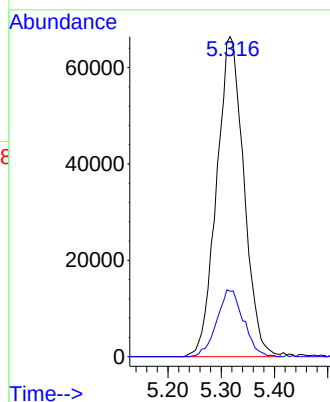
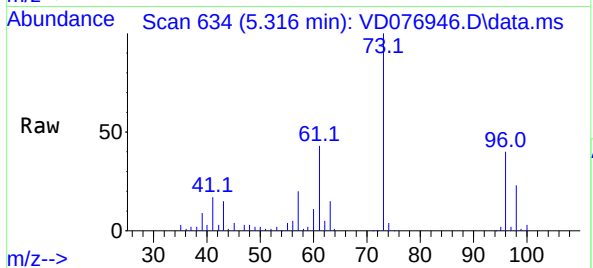




#19
Methyl tert-butyl Ether
Concen: 56.349 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

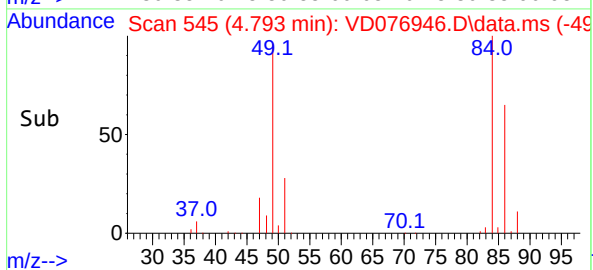
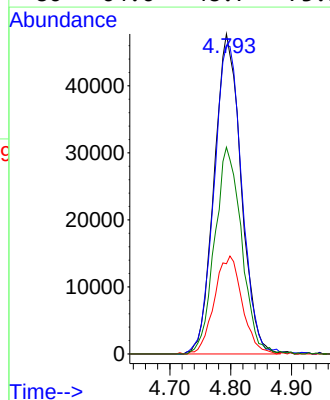
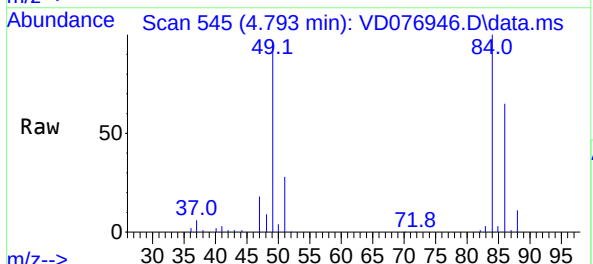
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

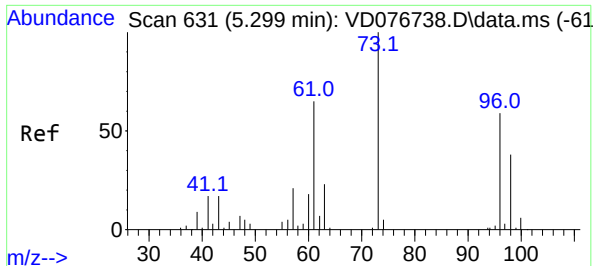
Tgt Ion: 73 Resp: 235535
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0



#20
Methylene Chloride
Concen: 69.557 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 84 Resp: 146408
Ion Ratio Lower Upper
84 100
49 96.4 71.4 107.2
51 27.9 24.5 36.7
86 64.6 48.7 73.1

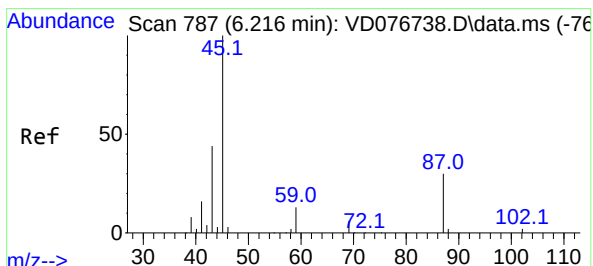
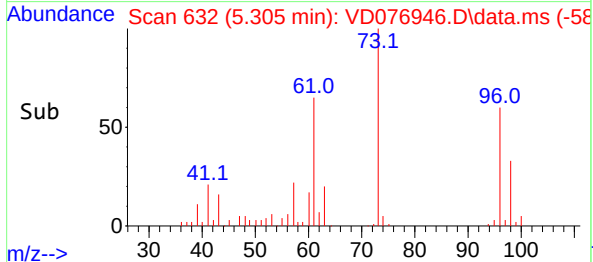
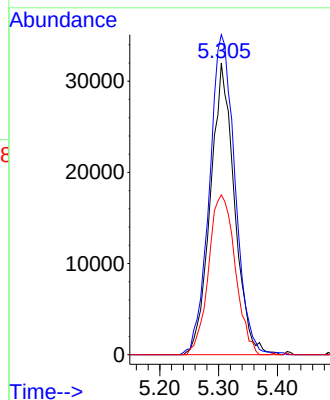
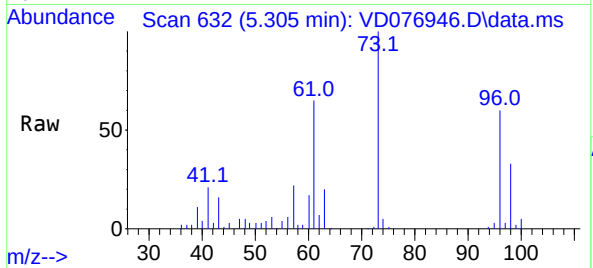




#21
trans-1,2-Dichloroethene
Concen: 50.185 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

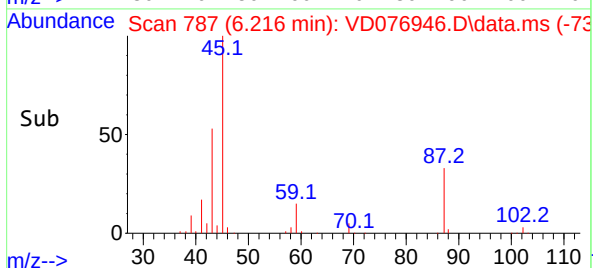
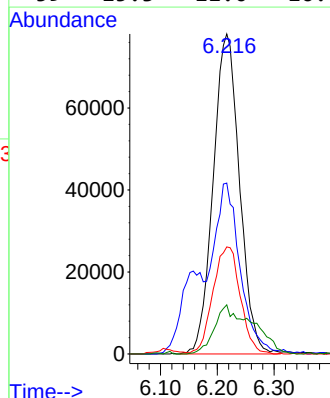
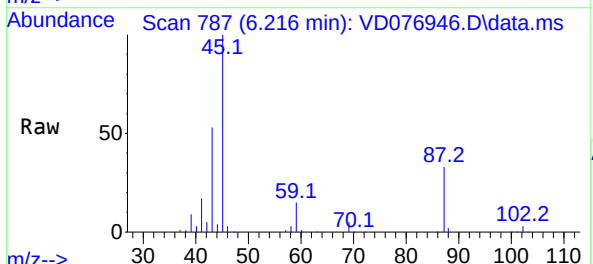
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

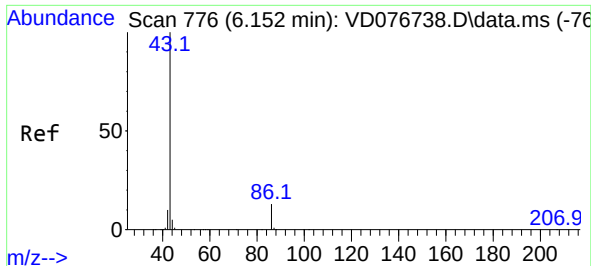
Tgt Ion: 96 Resp: 90926
Ion Ratio Lower Upper
96 100
61 109.8 89.3 133.9
98 54.8 48.6 73.0



#22
Diisopropyl ether
Concen: 51.838 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 45 Resp: 251346
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 33.2 28.2 42.4
59 15.3 11.0 16.4

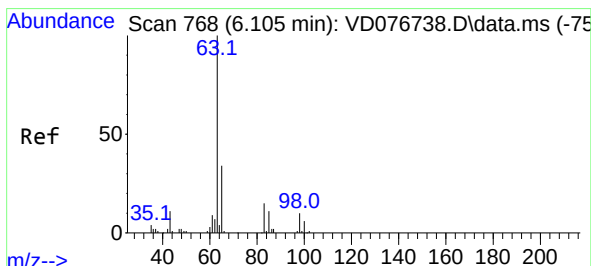
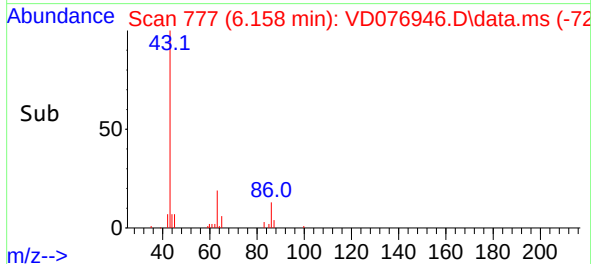
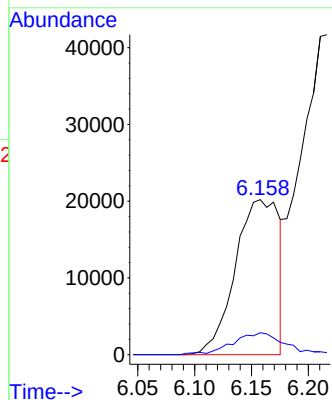
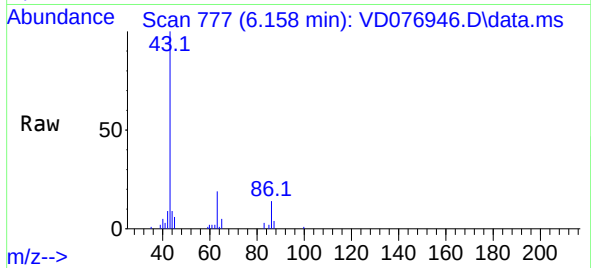




#23
 Vinyl Acetate
 Concen: 22.622 ug/l
 RT: 6.158 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD076946.D
 Acq: 07 Aug 2023 22:17

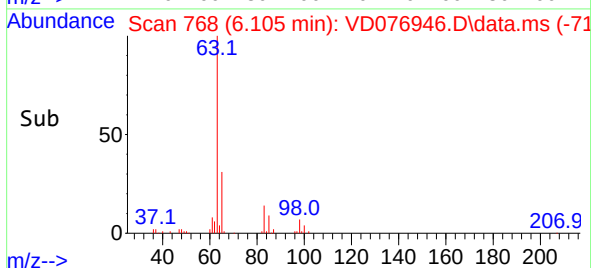
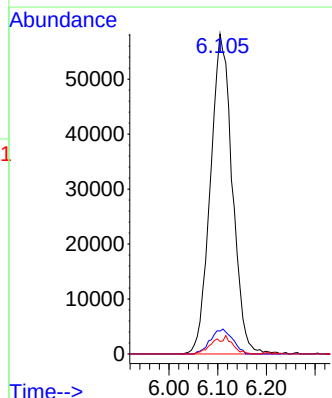
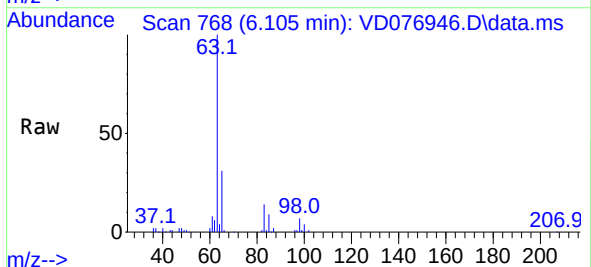
Instrument :
 MSVOA_D
 ClientSampleId :
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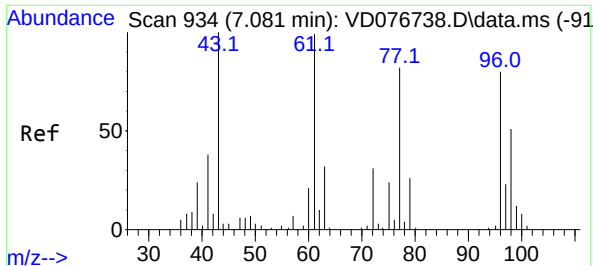
Tgt Ion: 43 Resp: 54271
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 55.563 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076946.D
 Acq: 07 Aug 2023 22:17

Tgt Ion: 63 Resp: 181645
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.0 2.5 7.5

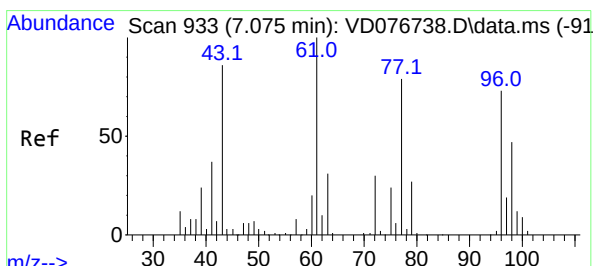
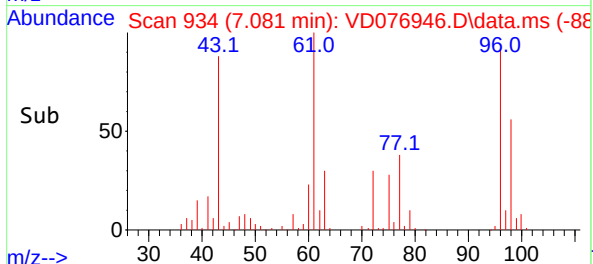
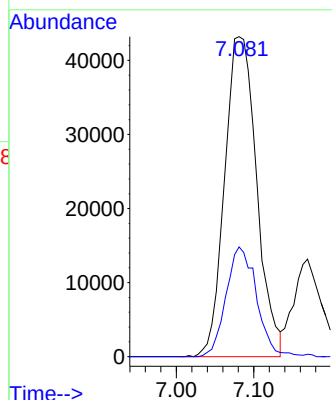
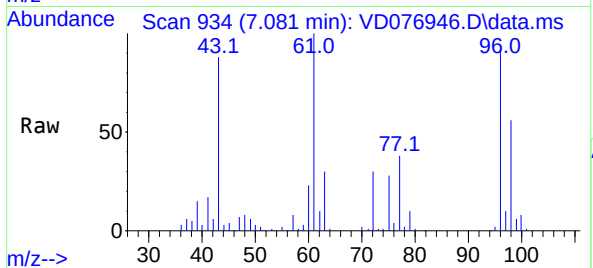




#25
2-Butanone
Concen: 248.055 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

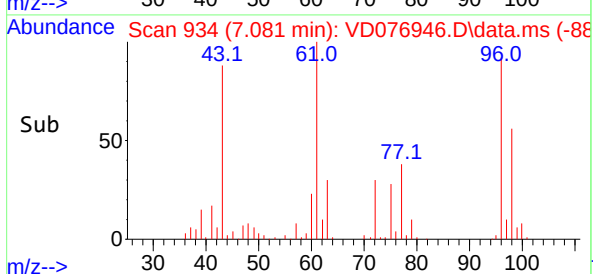
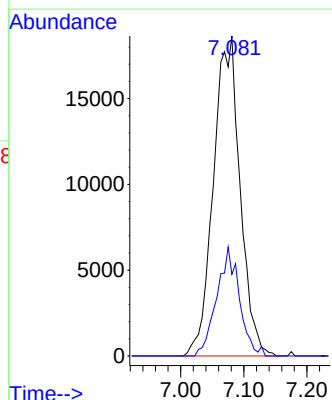
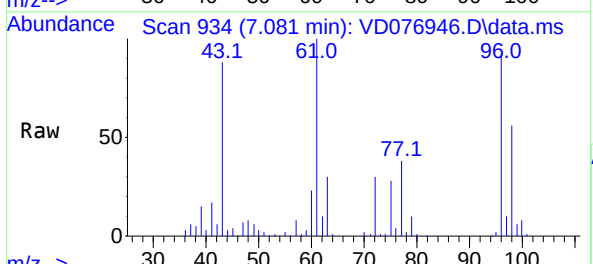
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

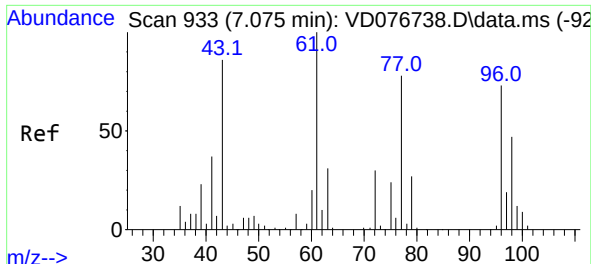
Tgt Ion: 43 Resp: 124566
Ion Ratio Lower Upper
43 100
72 34.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 19.362 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 77 Resp: 54564
Ion Ratio Lower Upper
77 100
97 28.9 13.2 39.6



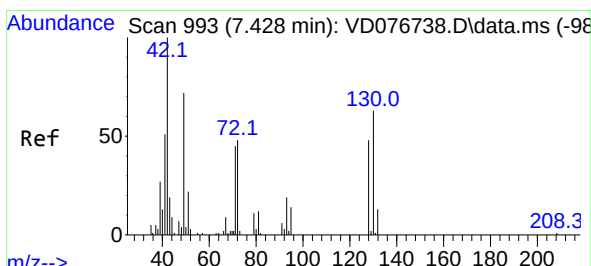
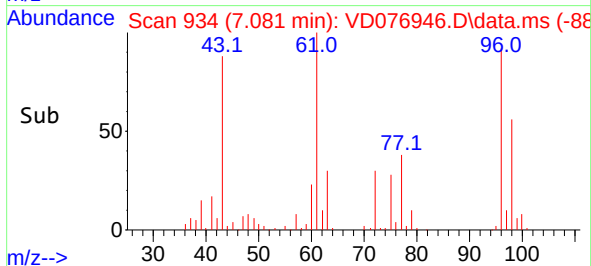
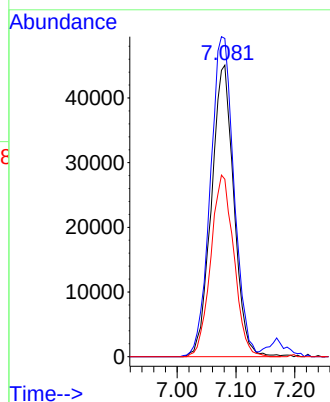
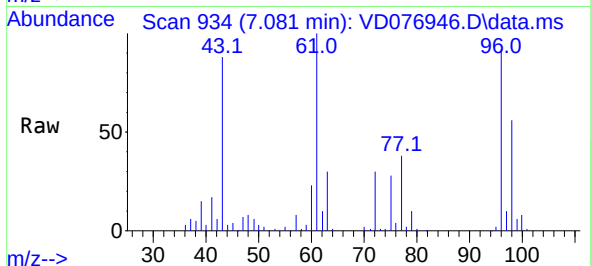


#27
 cis-1,2-Dichloroethene
 Concen: 53.660 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD076946.D
 Acq: 07 Aug 2023 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 119851

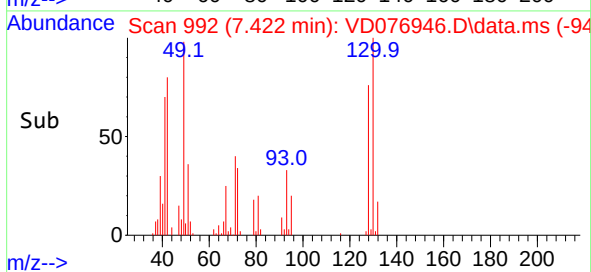
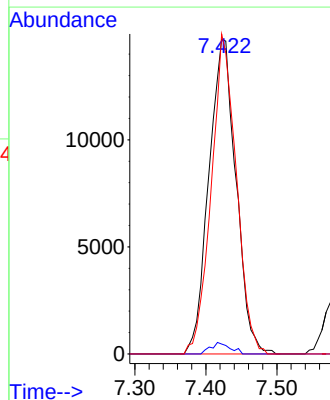
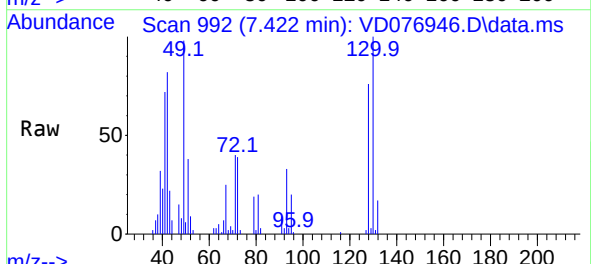
Ion	Ratio	Lower	Upper
96	100		
61	115.4	0.0	239.2
98	64.0	0.0	128.6

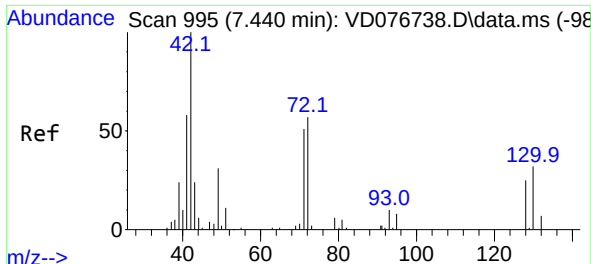


#28
 Bromochloromethane
 Concen: 47.757 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076946.D
 Acq: 07 Aug 2023 22:17

Tgt Ion: 49 Resp: 39033

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	93.5	83.2	124.8

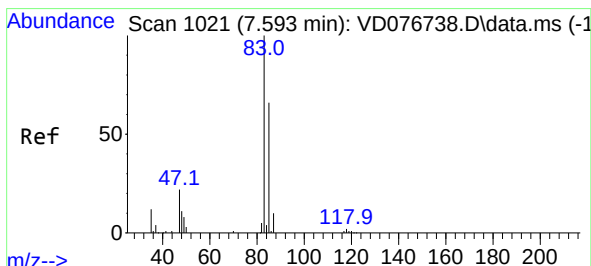
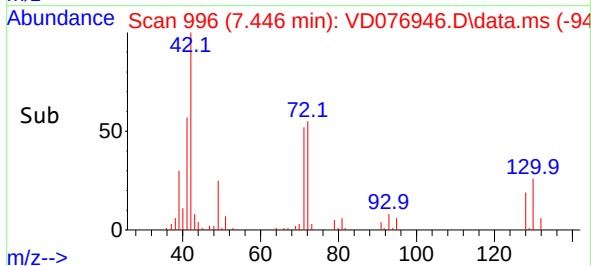
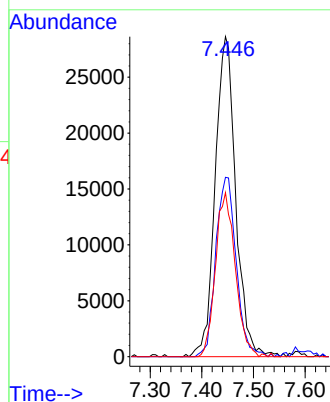
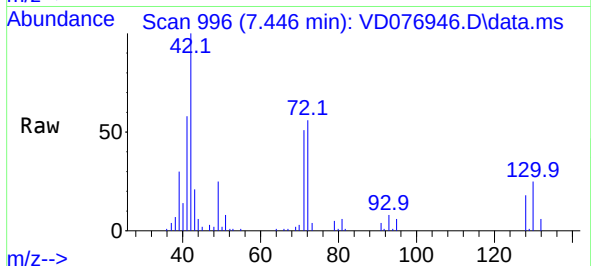




#29
Tetrahydrofuran
Concen: 266.389 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

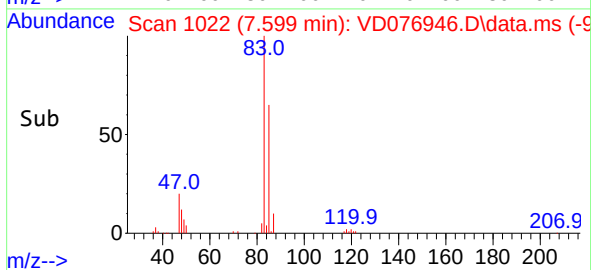
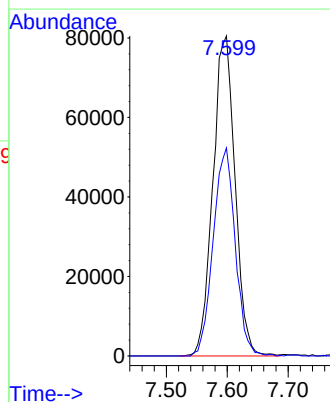
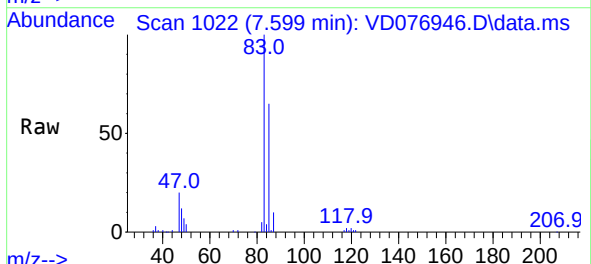
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

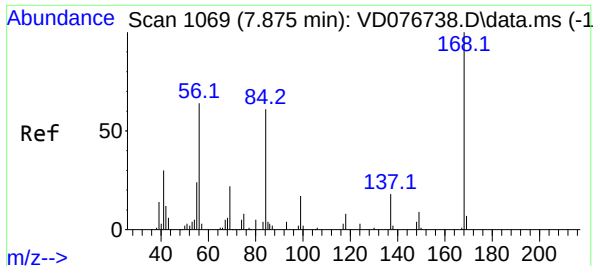
Tgt Ion: 42 Resp: 79038
Ion Ratio Lower Upper
42 100
72 55.7 46.5 69.7
71 49.4 44.5 66.7



#30
Chloroform
Concen: 56.808 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

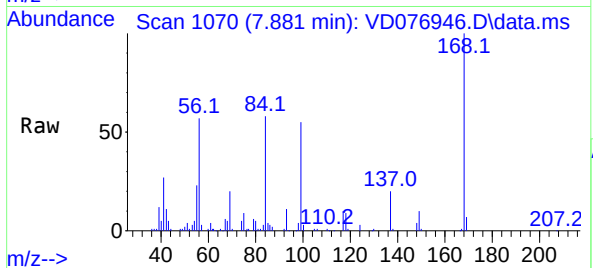
Tgt Ion: 83 Resp: 203406
Ion Ratio Lower Upper
83 100
85 65.0 53.4 80.2



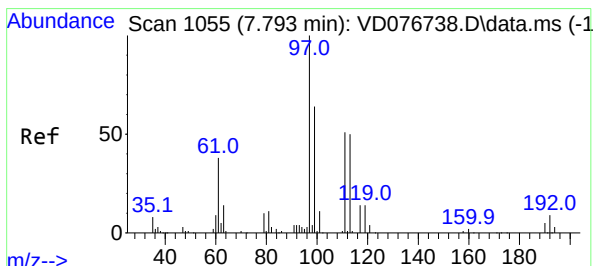
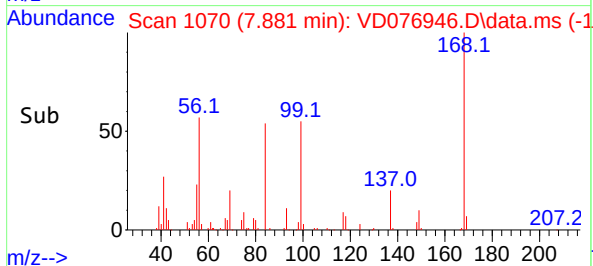
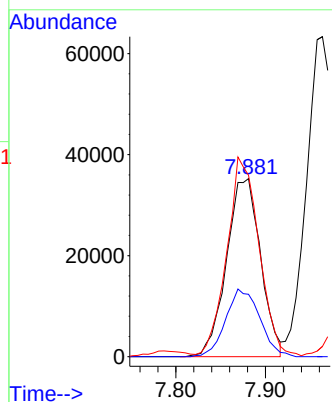


#31
Cyclohexane
Concen: 40.159 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

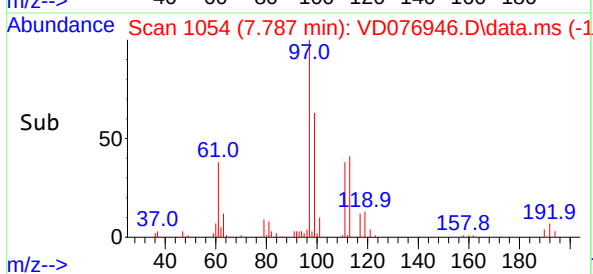
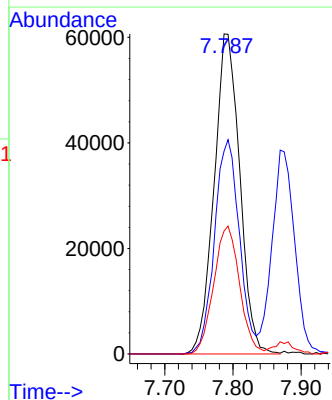
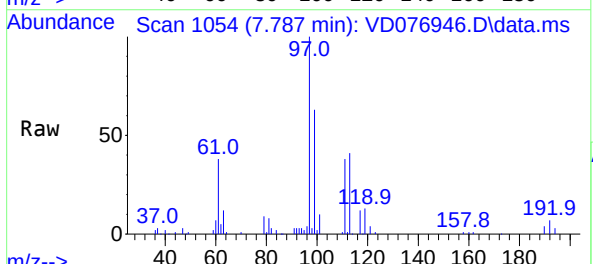


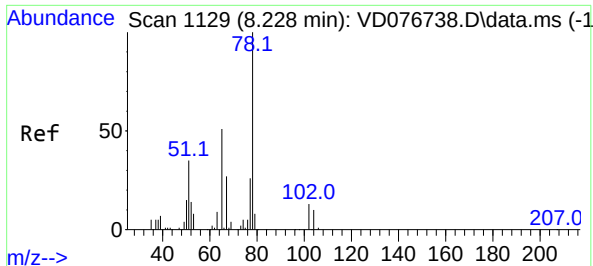
Tgt Ion: 56 Resp: 92856
Ion Ratio Lower Upper
56 100
69 35.0 28.6 43.0
84 99.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 54.957 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 97 Resp: 158766
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 40.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.867 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

Instrument :

MSVOA_D

ClientSampleId :

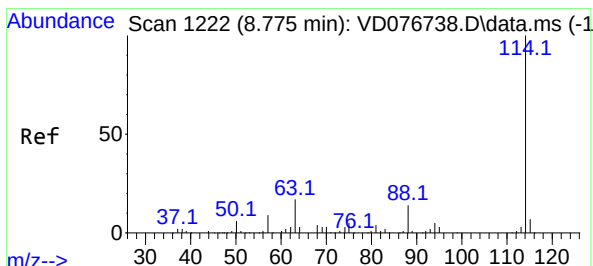
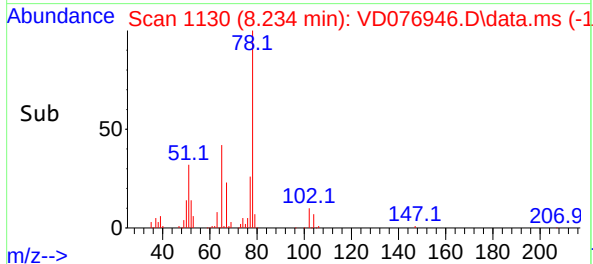
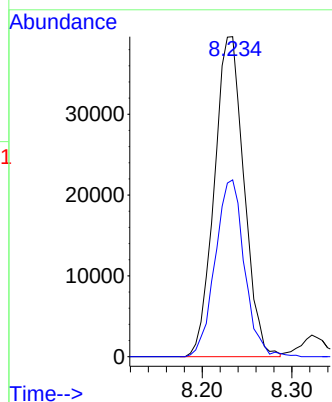
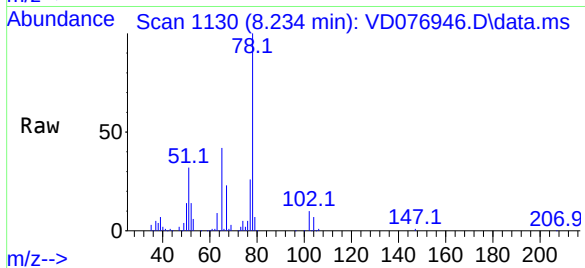
VSTDCCC050EC

Tgt Ion: 65 Resp: 90916

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

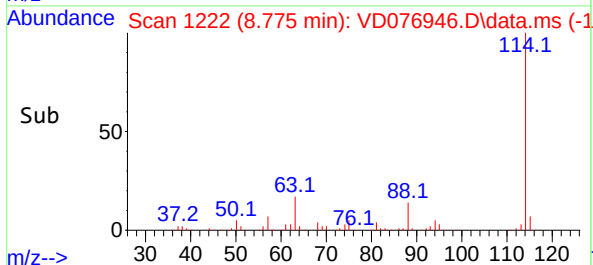
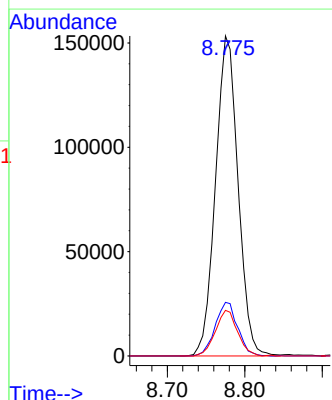
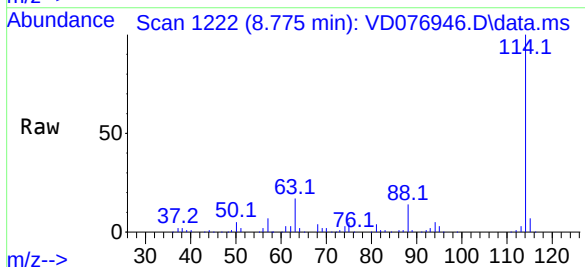
Tgt Ion: 114 Resp: 309885

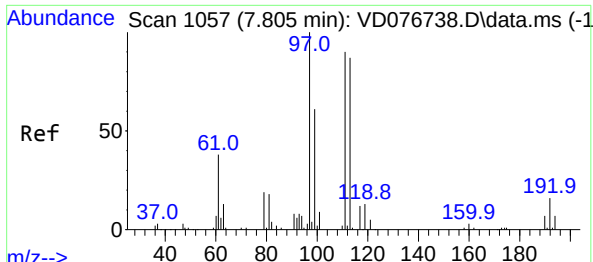
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

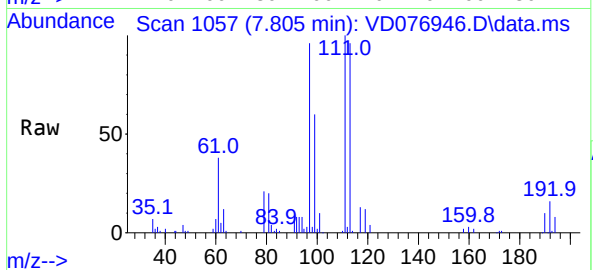
88 14.3 0.0 26.2



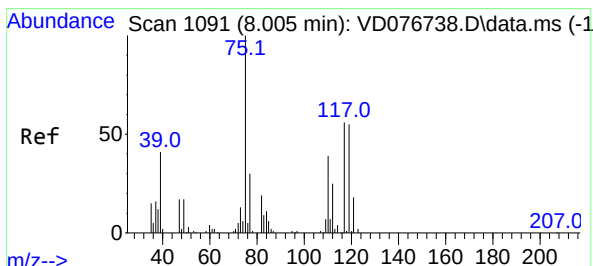
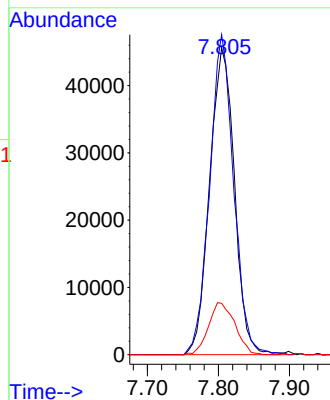
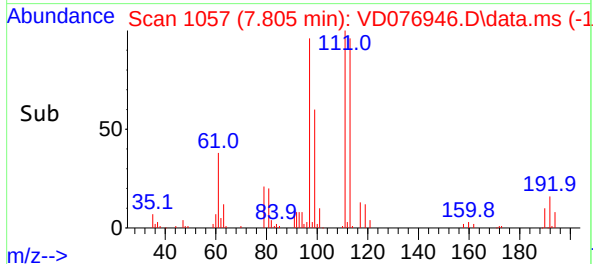


#35
Dibromofluoromethane
Concen: 56.757 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

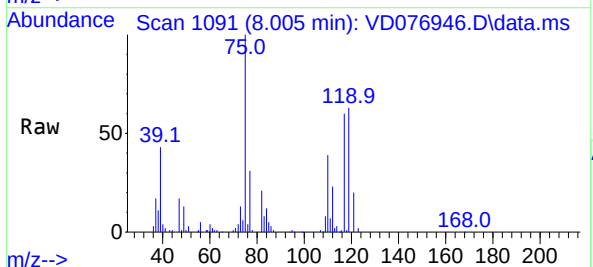
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



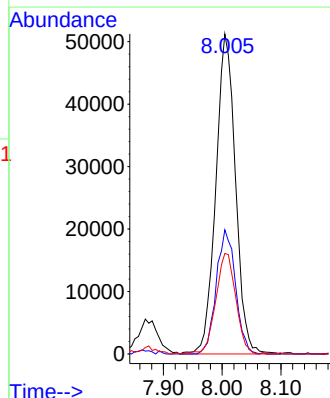
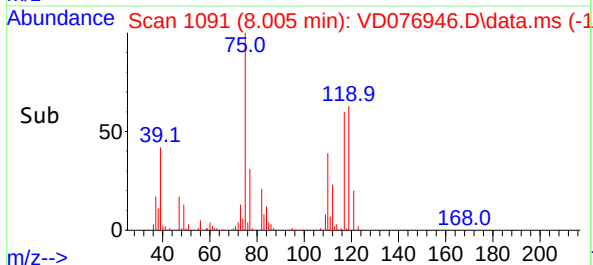
Tgt Ion:113 Resp: 110526
Ion Ratio Lower Upper
113 100
111 101.2 84.7 127.1
192 18.1 16.8 25.2

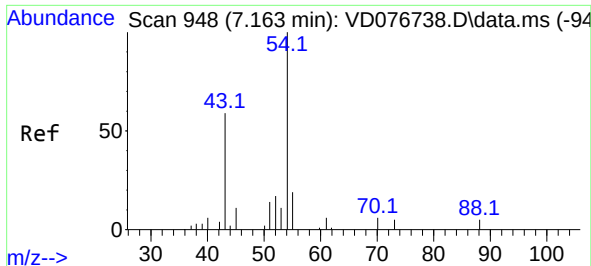


#36
1,1-Dichloropropene
Concen: 46.838 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17



Tgt Ion: 75 Resp: 119187
Ion Ratio Lower Upper
75 100
110 37.8 19.9 59.6
77 32.0 24.7 37.1

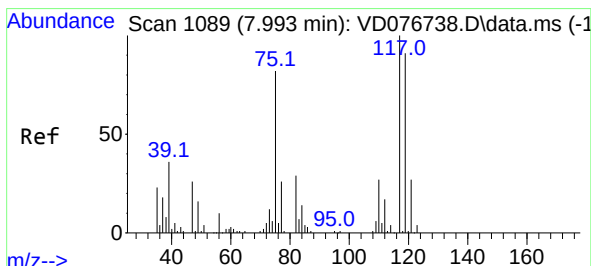
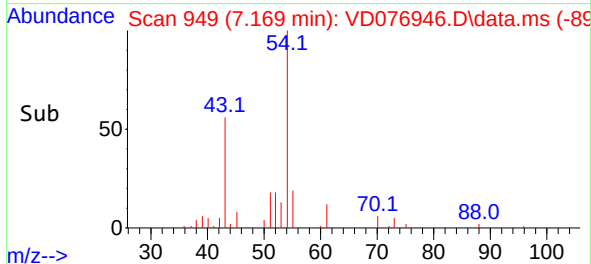
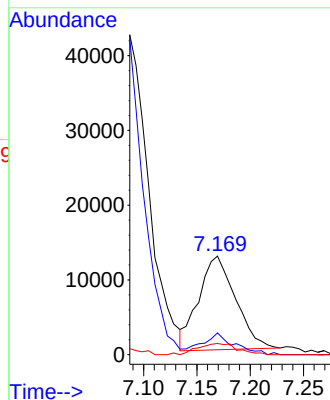
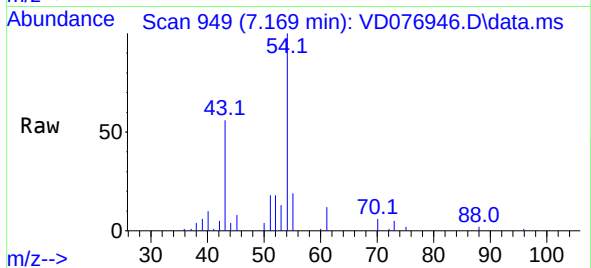




#37
Ethyl Acetate
Concen: 26.555 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

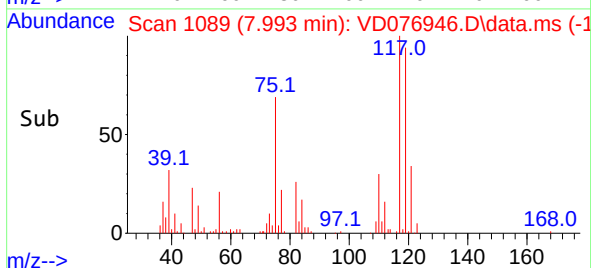
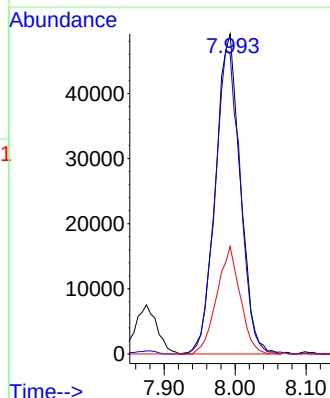
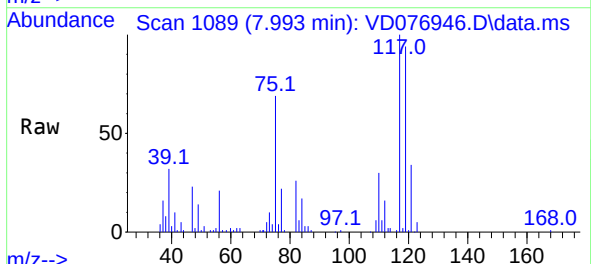
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

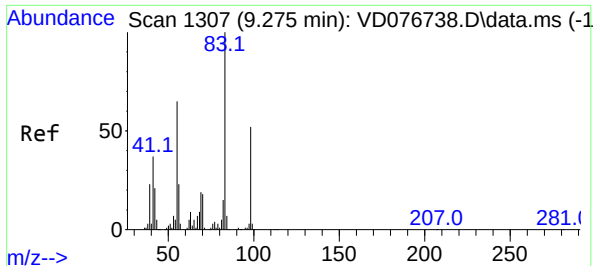
Tgt Ion: 43 Resp: 30219
Ion Ratio Lower Upper
43 100
61 19.9 14.9 22.3
70 13.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.899 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 117 Resp: 119145
Ion Ratio Lower Upper
117 100
119 93.7 78.0 117.0
121 33.6 24.2 36.2





#39

Methylcyclohexane

Concen: 39.539 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

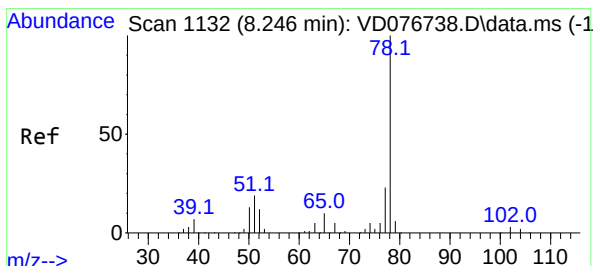
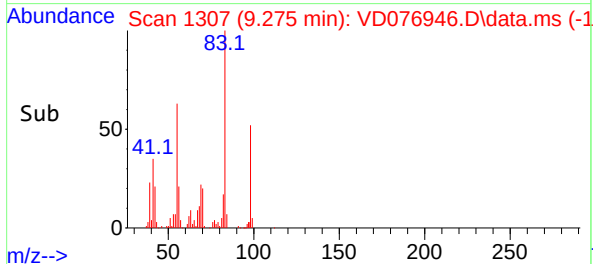
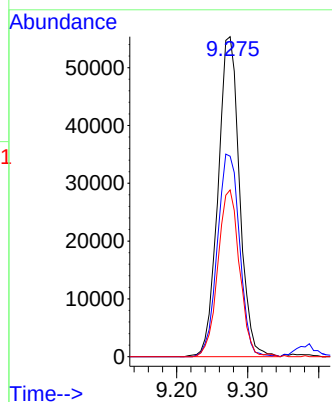
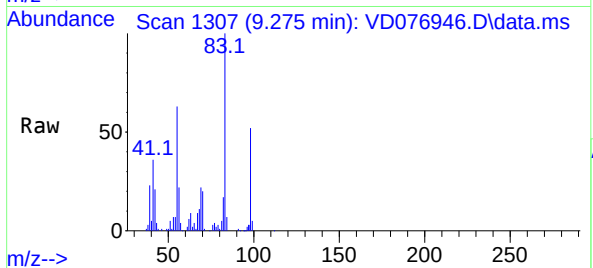
Tgt Ion: 83 Resp: 116172

Ion Ratio Lower Upper

83 100

55 62.6 49.4 74.0

98 52.1 38.4 57.6



#40

Benzene

Concen: 48.958 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076946.D

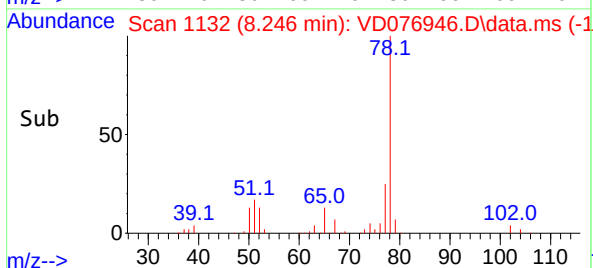
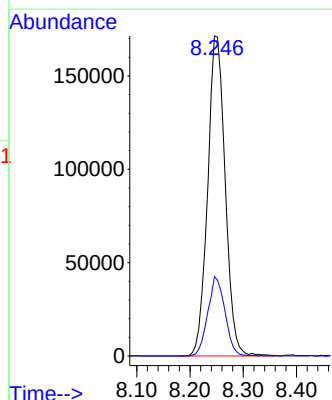
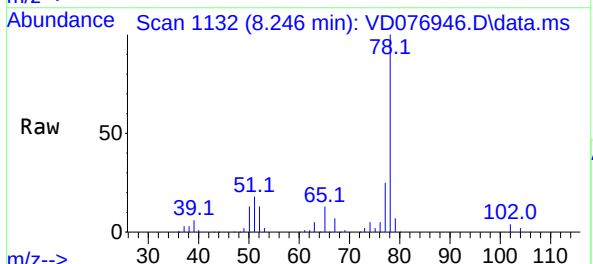
Acq: 07 Aug 2023 22:17

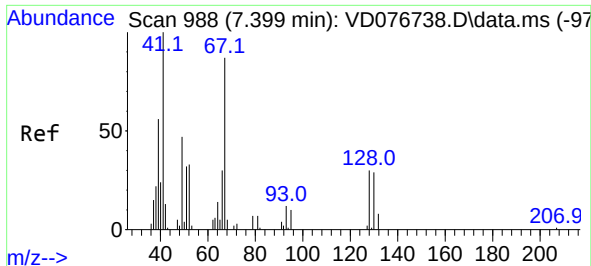
Tgt Ion: 78 Resp: 393085

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

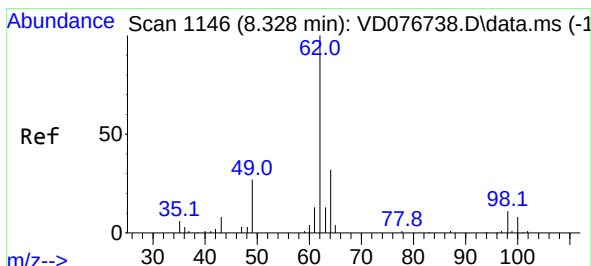
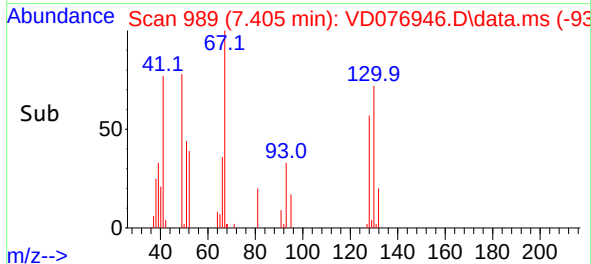
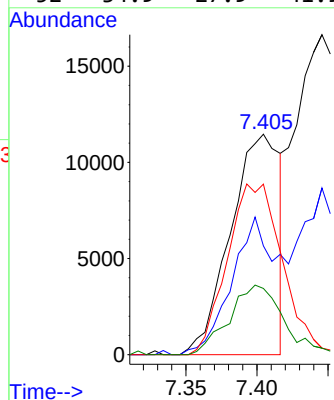
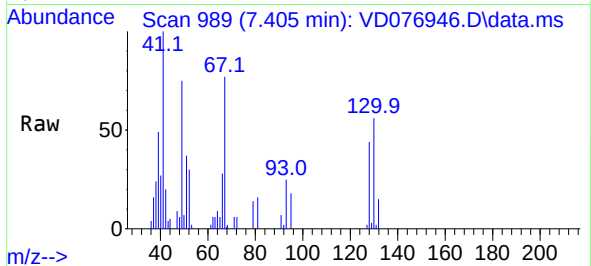




#41
Methacrylonitrile
Concen: 39.806 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

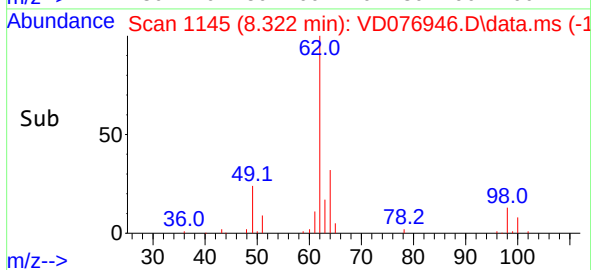
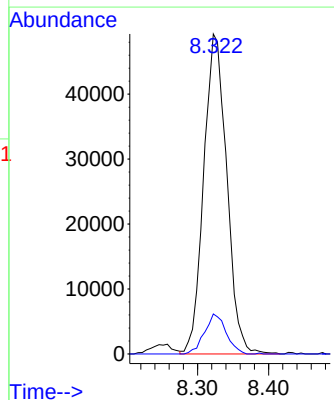
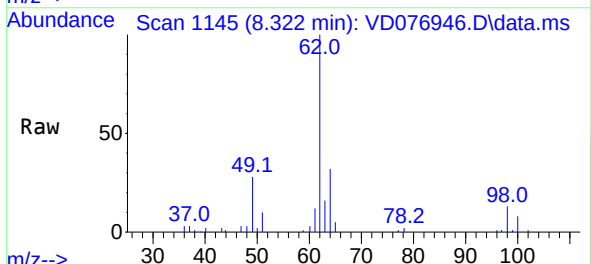
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

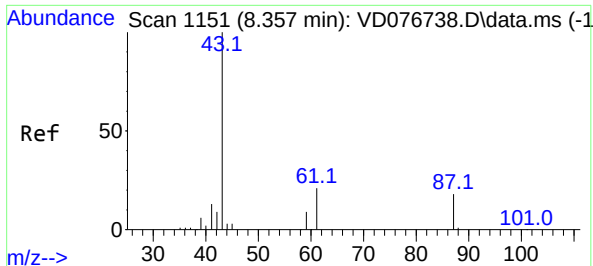
Tgt Ion: 41 Resp: 27662
Ion Ratio Lower Upper
41 100
39 60.3 34.0 51.0#
67 86.6 77.0 115.4
52 34.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 53.275 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 62 Resp: 111140
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4

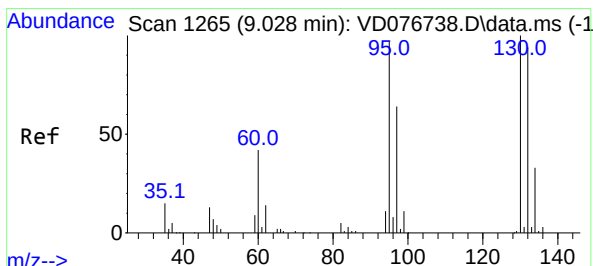
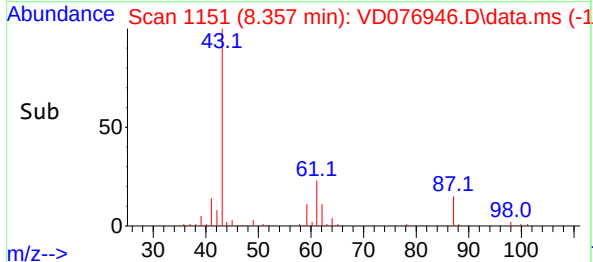
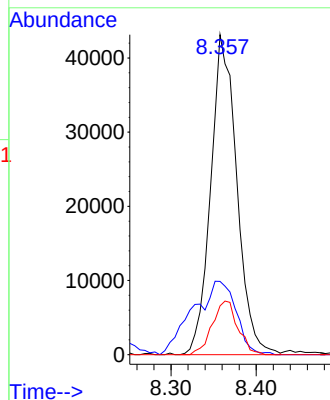
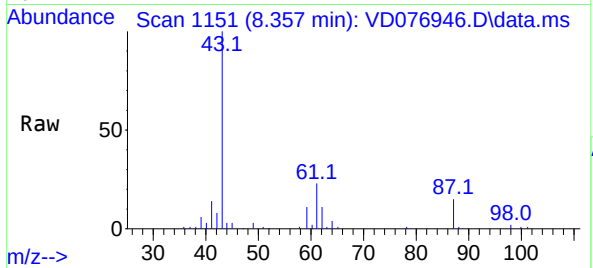




#43
Isopropyl Acetate
Concen: 41.437 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

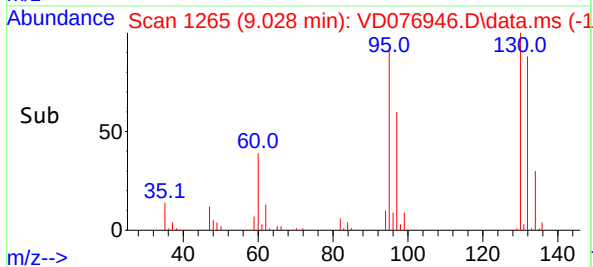
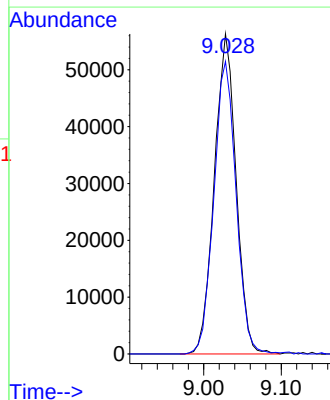
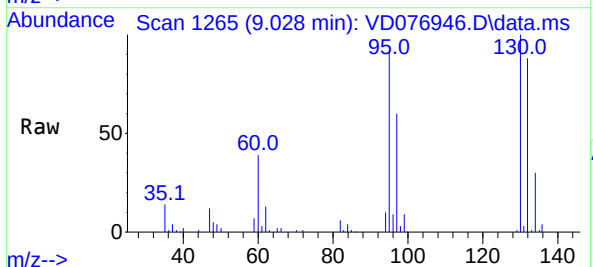
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

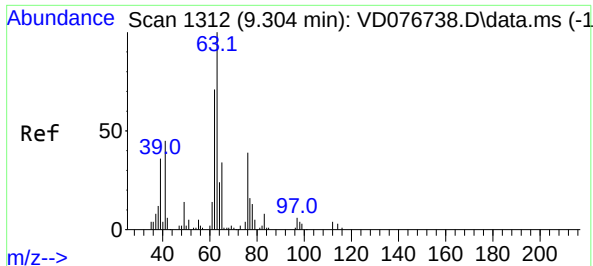
Tgt Ion: 43 Resp: 92028
Ion Ratio Lower Upper
43 100
61 37.9 31.4 47.0
87 16.5 14.9 22.3



#44
Trichloroethene
Concen: 50.239 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:130 Resp: 109917
Ion Ratio Lower Upper
130 100
95 91.4 0.0 179.2

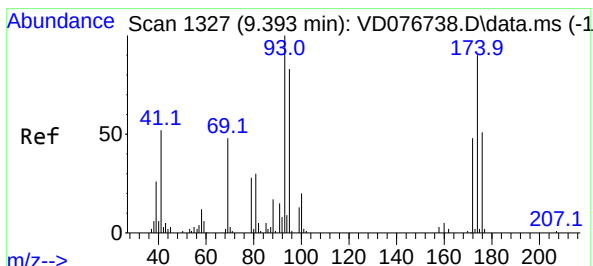
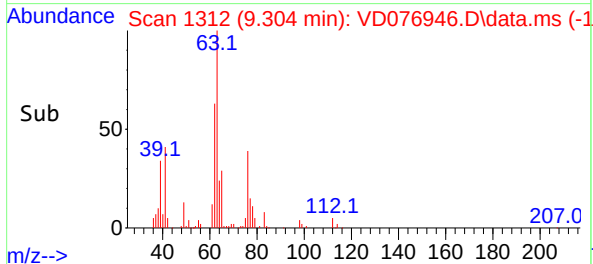
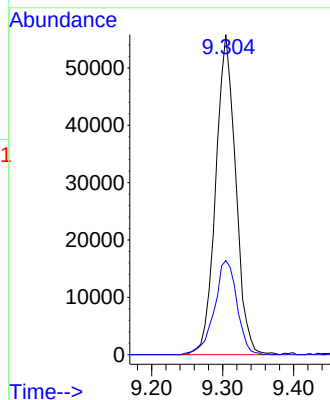
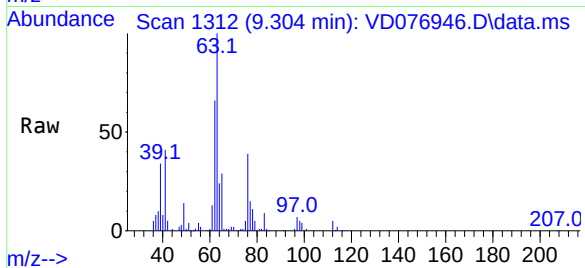




#45
1,2-Dichloropropane
Concen: 52.525 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

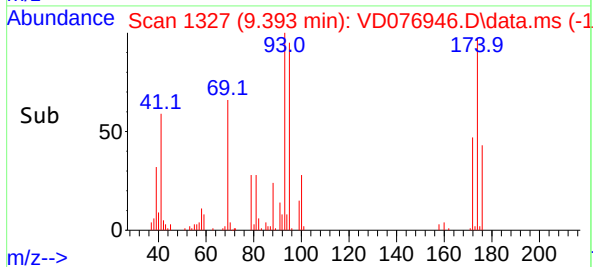
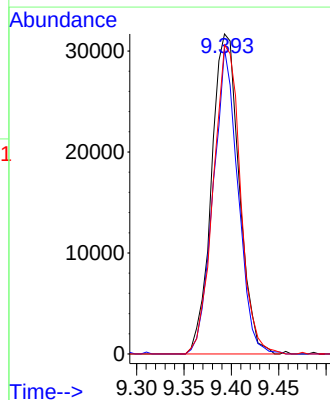
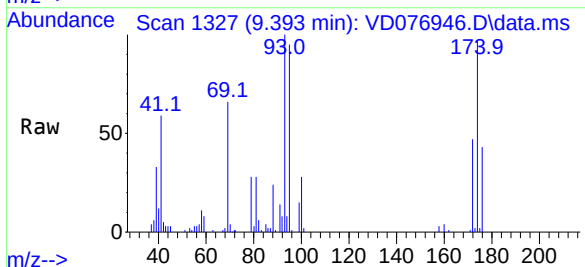
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

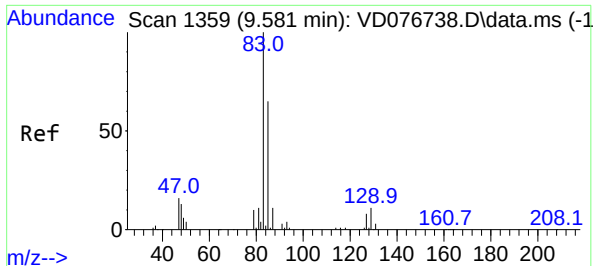
Tgt Ion: 63 Resp: 108862
Ion Ratio Lower Upper
63 100
65 29.4 24.5 36.7



#46
Dibromomethane
Concen: 52.899 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 93 Resp: 64174
Ion Ratio Lower Upper
93 100
95 85.5 67.7 101.5
174 94.3 85.4 128.2

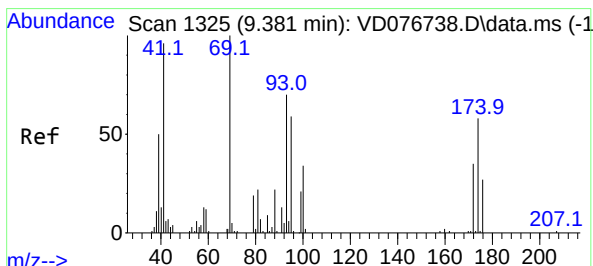
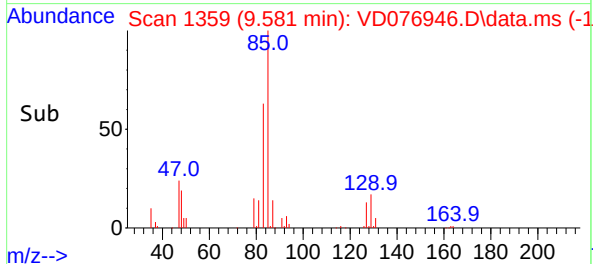
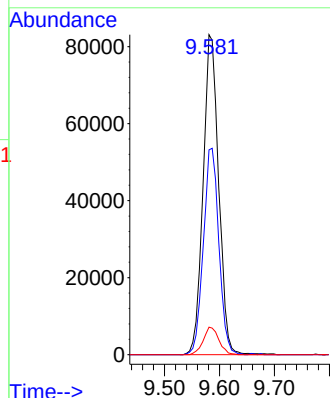
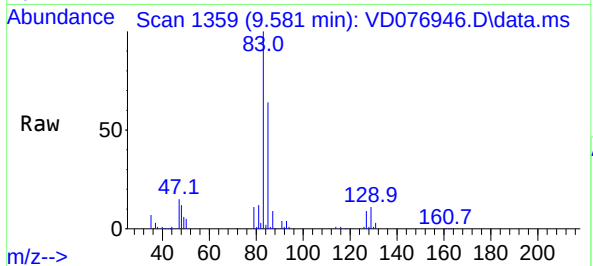




#47
Bromodichloromethane
Concen: 53.740 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

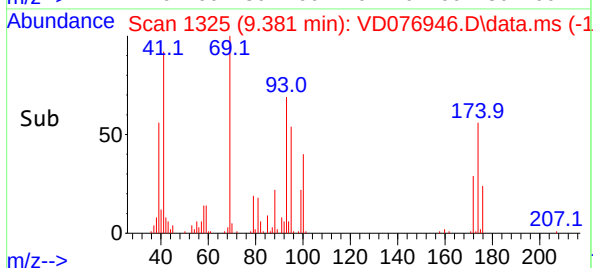
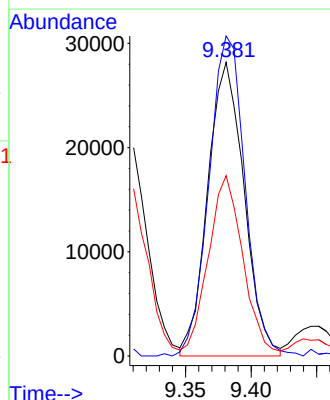
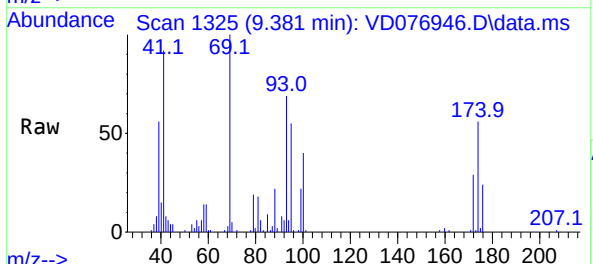
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

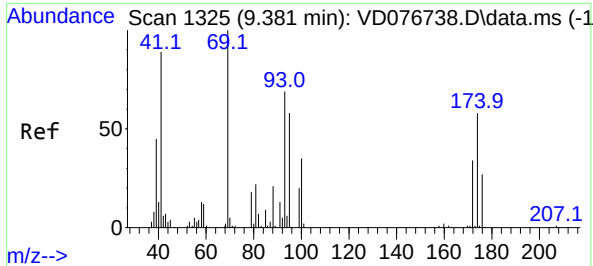
Tgt Ion: 83 Resp: 163606
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 53.692 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 41 Resp: 54272
Ion Ratio Lower Upper
41 100
69 108.1 102.2 153.2
39 59.0 41.4 62.2



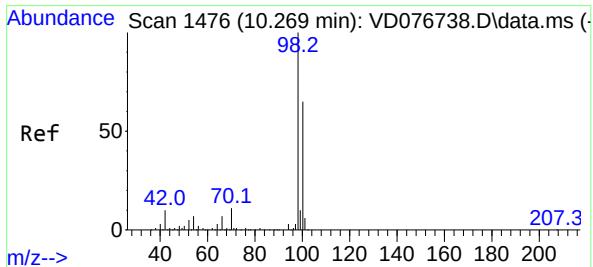
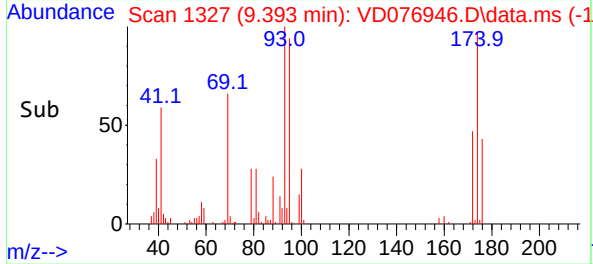
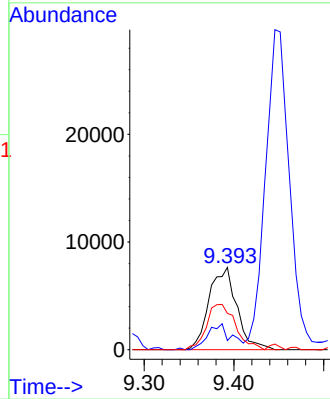
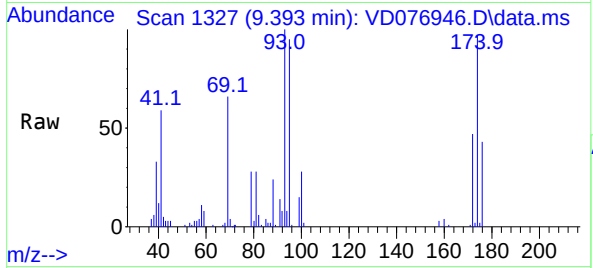


#49
1,4-Dioxane
Concen: 1052.624 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 16361

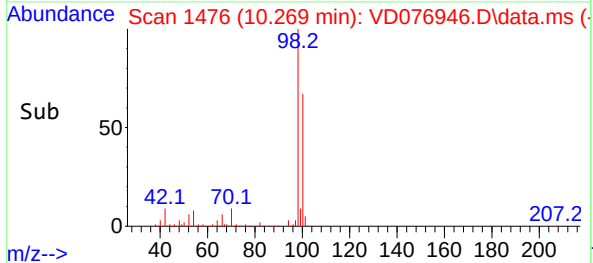
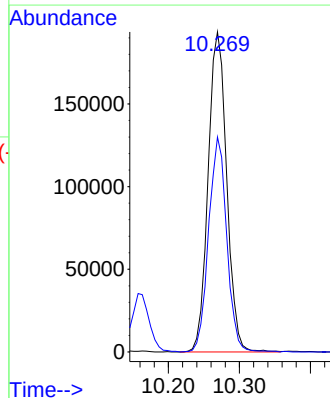
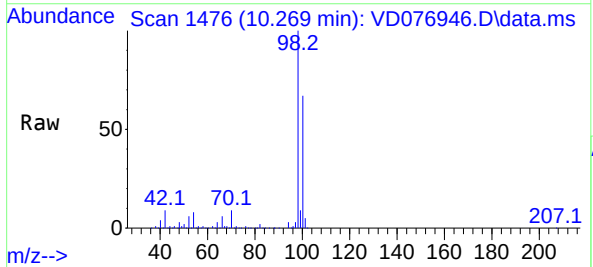
Ion	Ratio	Lower	Upper
88	100		
43	26.5	19.0	28.6
58	57.5	43.5	65.3

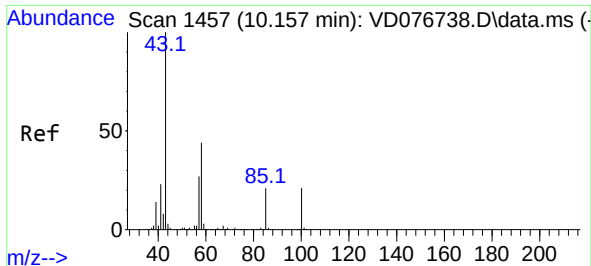


#50
Toluene-d8
Concen: 50.510 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 98 Resp: 351871

Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.3	75.5

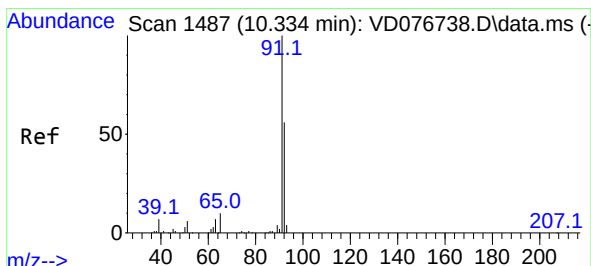
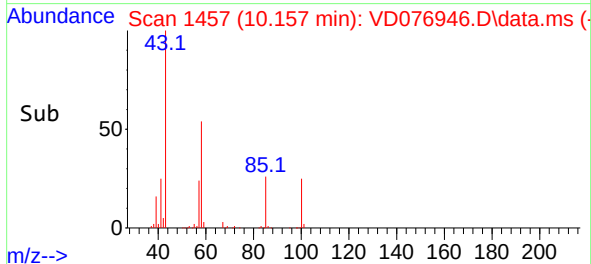
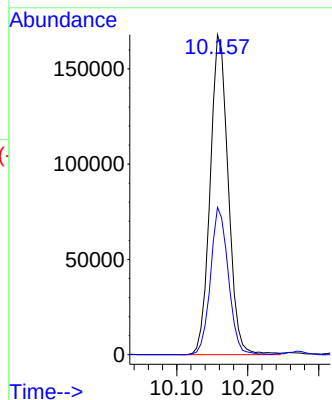
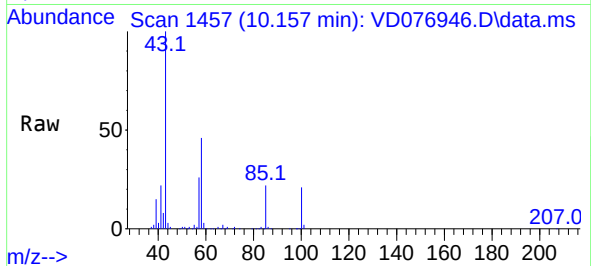




#51
4-Methyl-2-Pentanone
Concen: 250.587 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

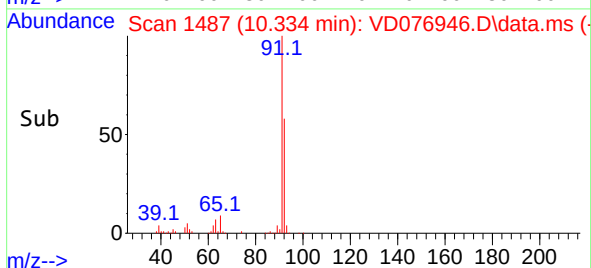
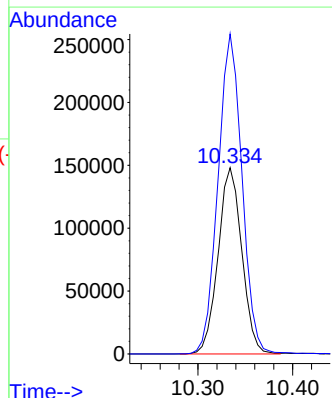
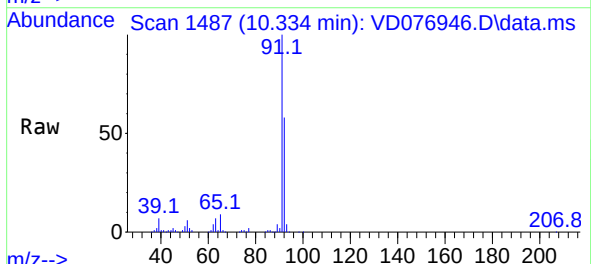
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

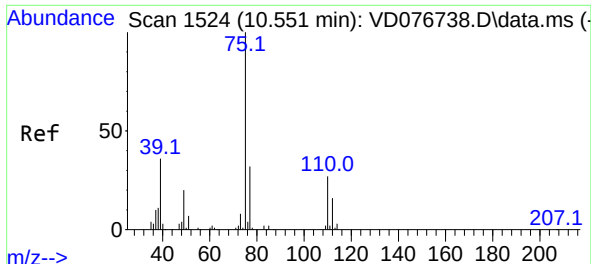
Tgt Ion: 43 Resp: 296314
Ion Ratio Lower Upper
43 100
58 45.4 38.9 58.3



#52
Toluene
Concen: 48.954 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 92 Resp: 258146
Ion Ratio Lower Upper
92 100
91 174.2 143.0 214.4

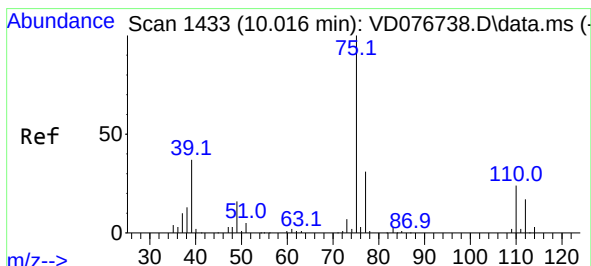
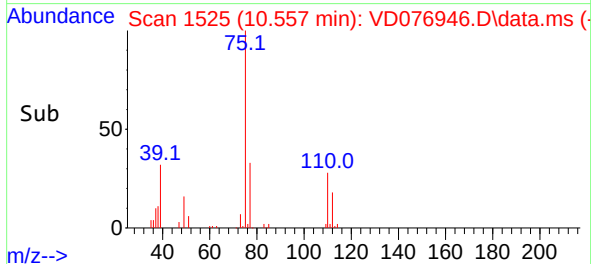
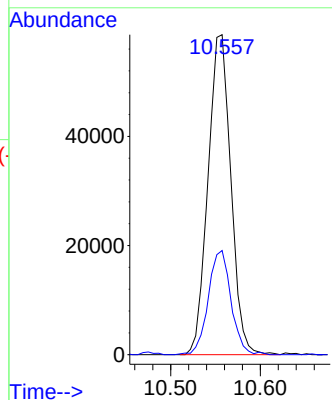
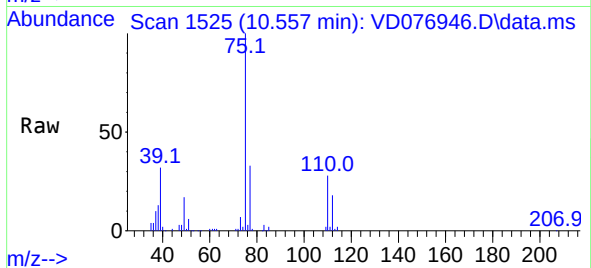




#53
t-1,3-Dichloropropene
Concen: 36.755 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

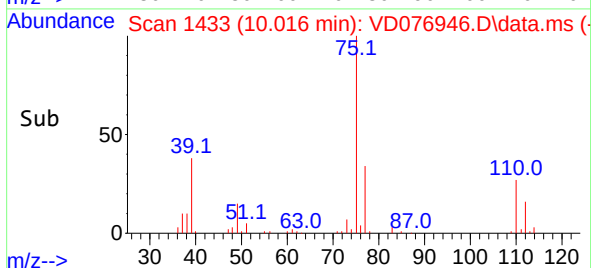
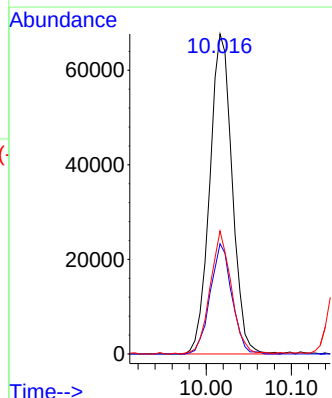
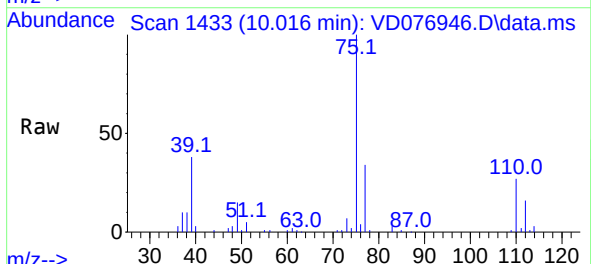
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

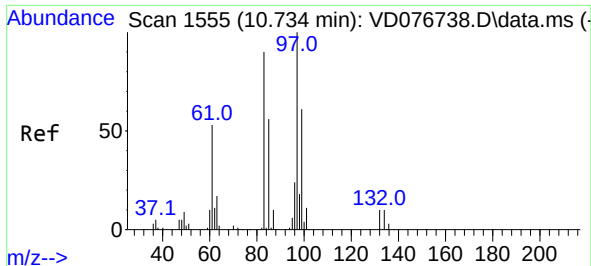
Tgt Ion: 75 Resp: 103861
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 37.103 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 75 Resp: 123564
Ion Ratio Lower Upper
75 100
77 34.4 25.5 38.3
39 38.5 22.1 33.1#

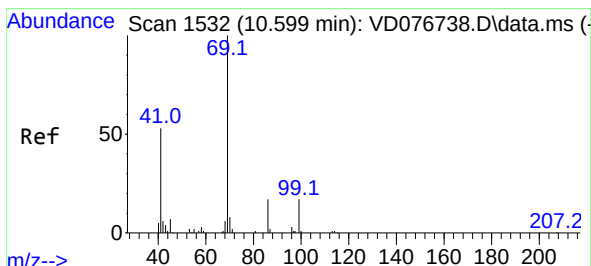
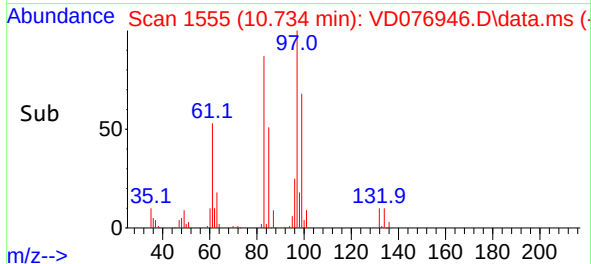
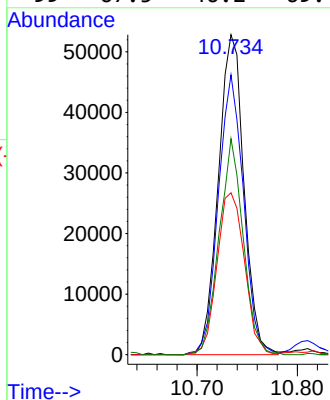
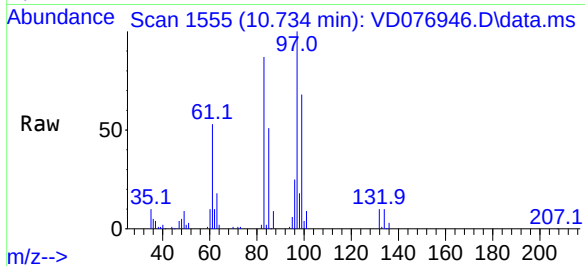




#55
1,1,2-Trichloroethane
Concen: 52.910 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

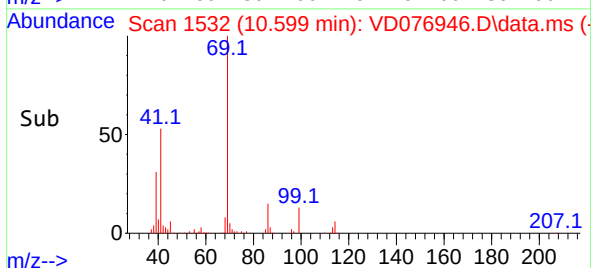
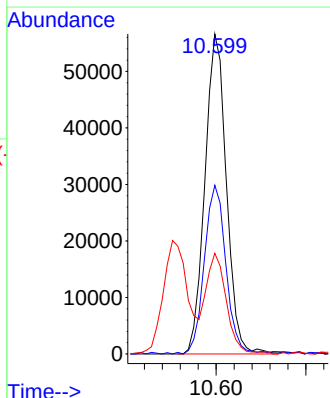
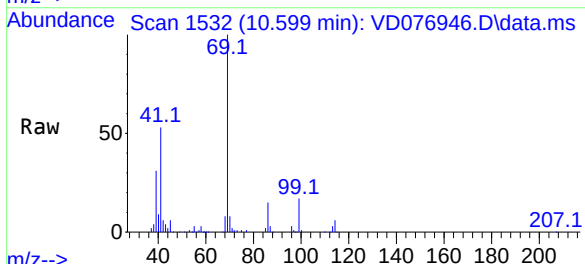
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

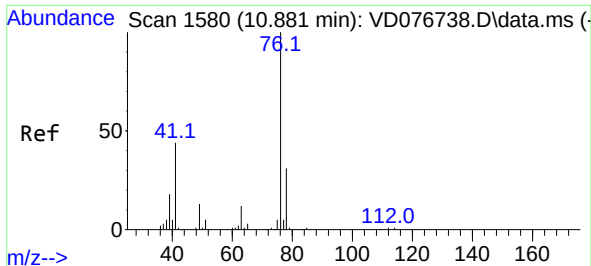
Tgt Ion:	97	Resp:	93731
Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.8	98.6
85	50.6	45.7	68.5
99	67.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 46.057 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:	69	Resp:	94171
Ion	Ratio	Lower	Upper
69	100		
41	52.9	39.1	58.7
39	29.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 51.750 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

Instrument :

MSVOA_D

ClientSampleId :

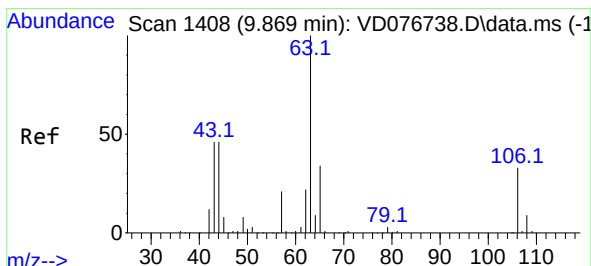
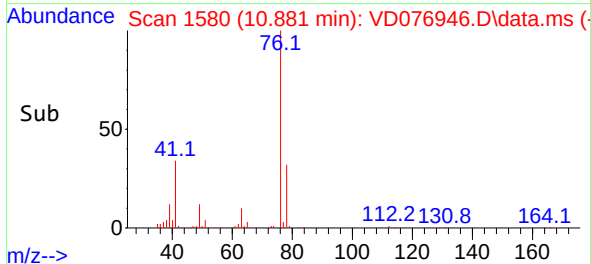
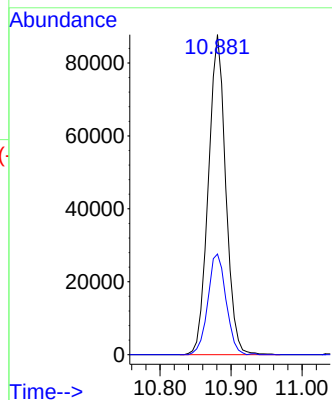
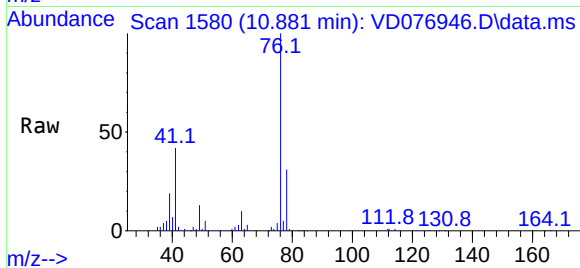
VSTDCCC050EC

Tgt Ion: 76 Resp: 149298

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 224.593 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076946.D

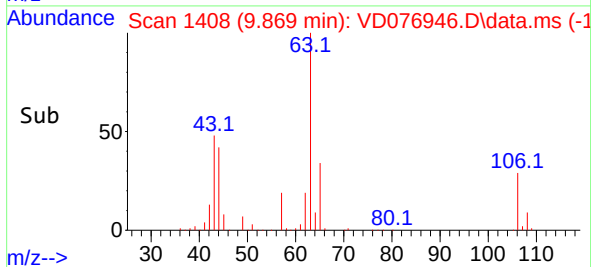
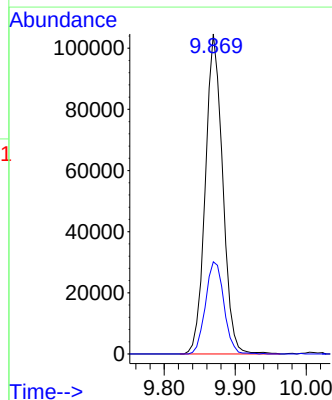
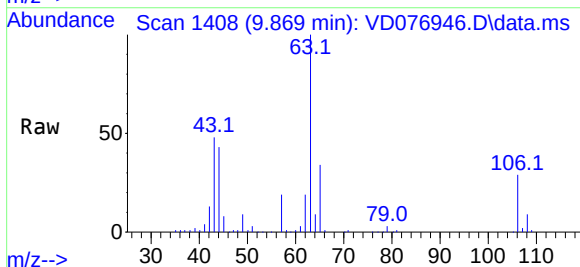
Acq: 07 Aug 2023 22:17

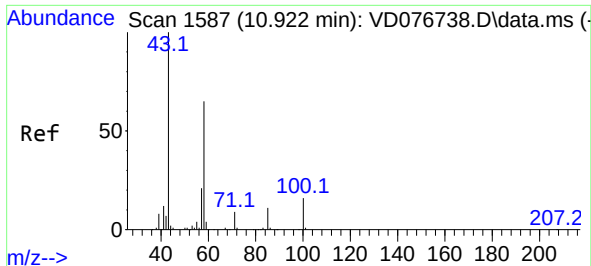
Tgt Ion: 63 Resp: 177754

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9

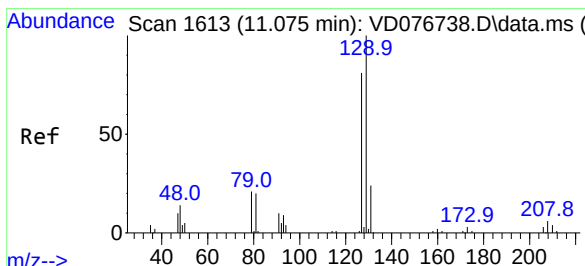
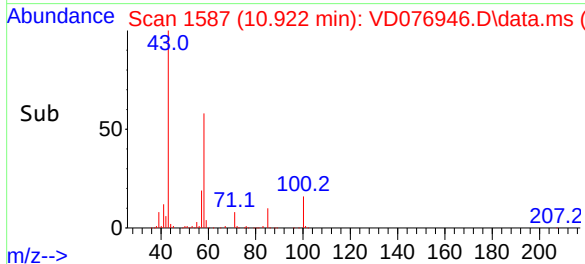
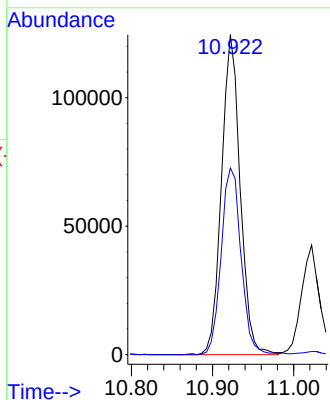
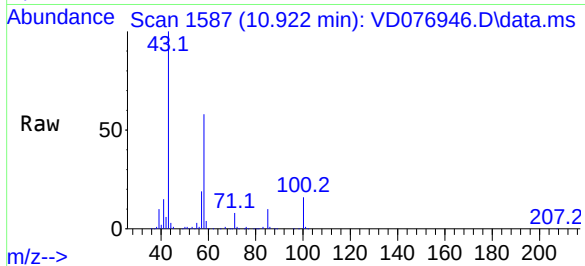




#59
2-Hexanone
Concen: 236.465 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

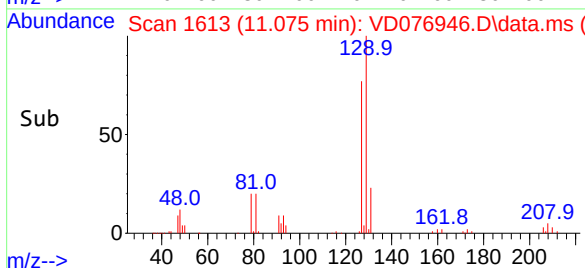
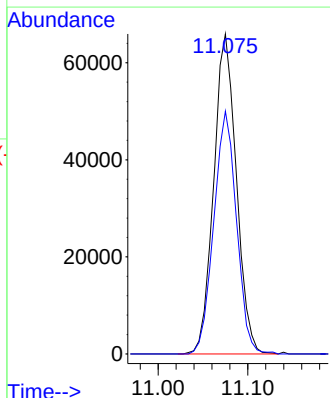
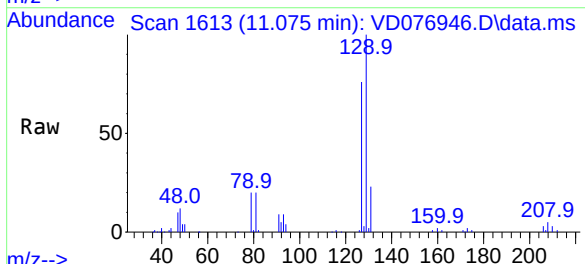
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

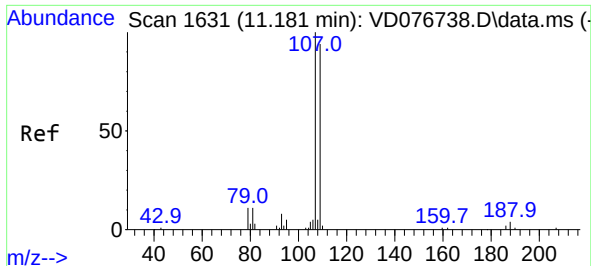
Tgt Ion: 43 Resp: 199517
Ion Ratio Lower Upper
43 100
58 62.1 34.1 102.2



#60
Dibromochloromethane
Concen: 56.199 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 129 Resp: 115656
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5

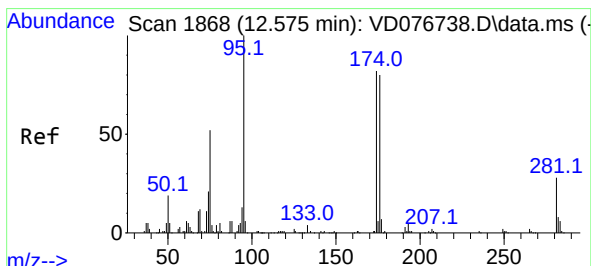
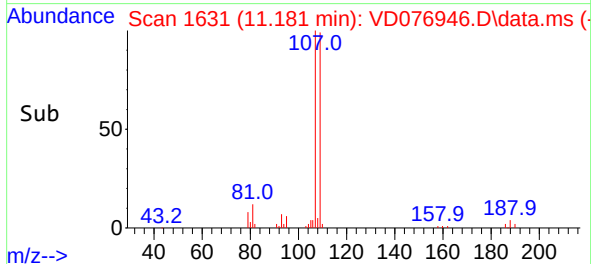
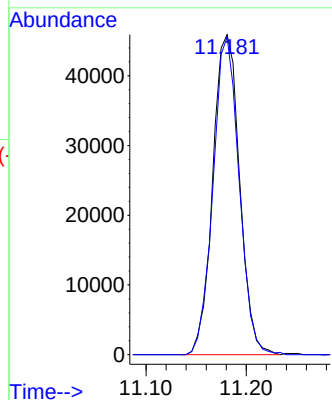
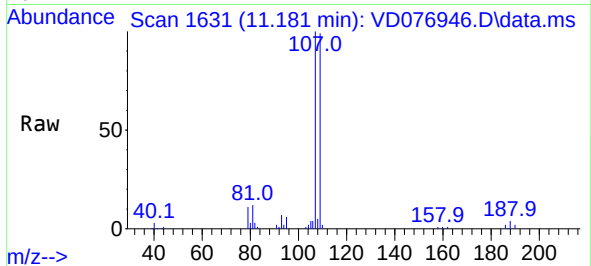




#61
1,2-Dibromoethane
Concen: 51.785 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

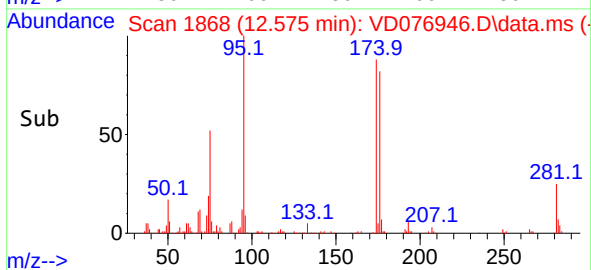
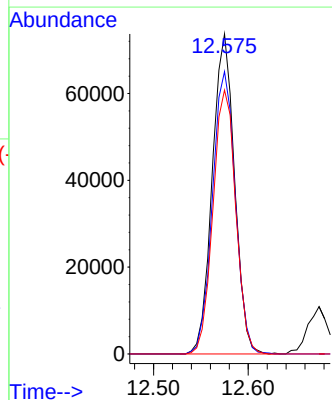
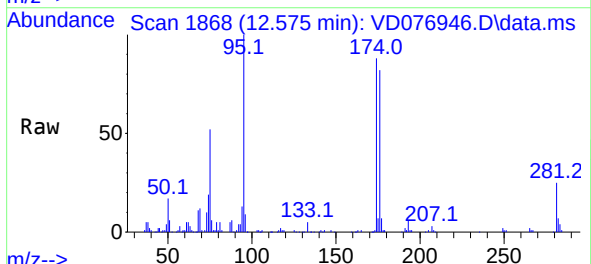
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

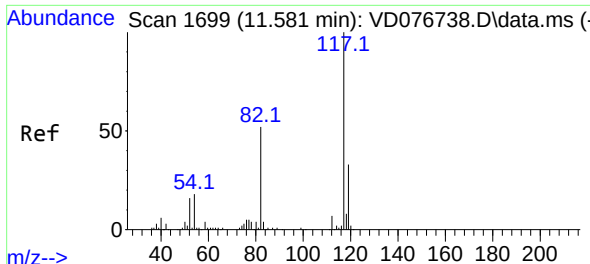
Tgt Ion:107 Resp: 85051
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.251 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 95 Resp: 120008
Ion Ratio Lower Upper
95 100
174 90.7 0.0 201.8
176 84.6 0.0 191.8

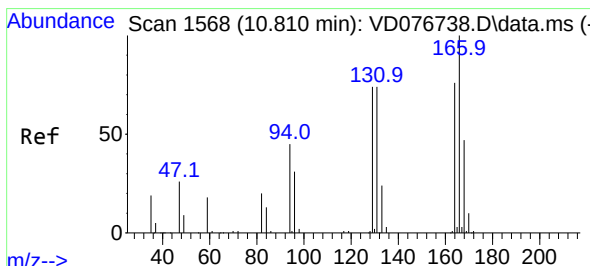
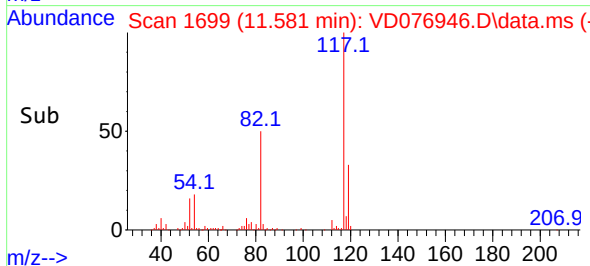
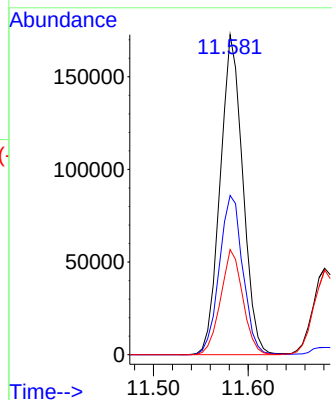
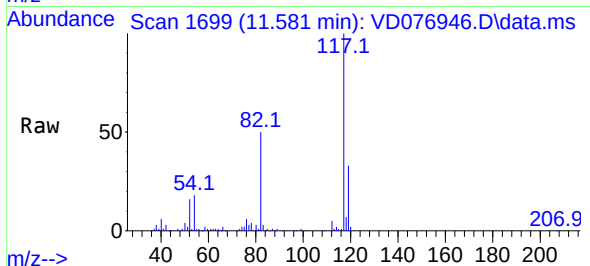




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

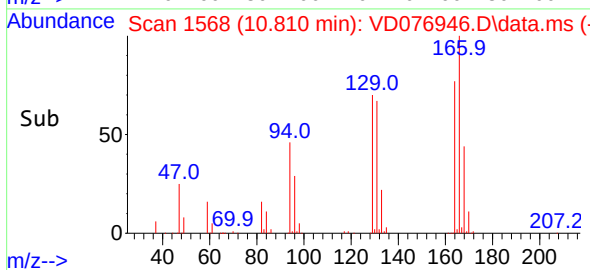
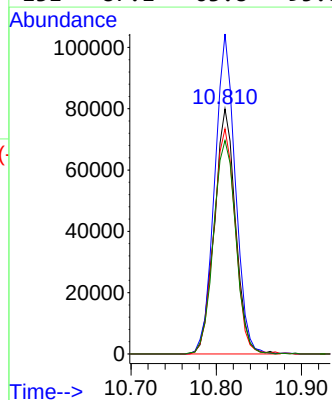
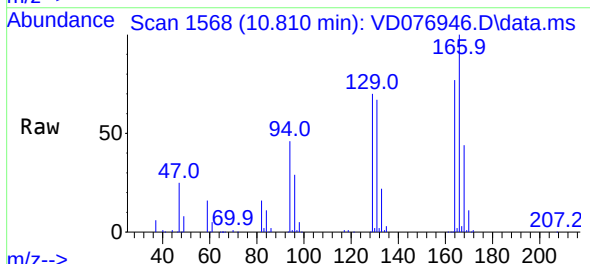
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

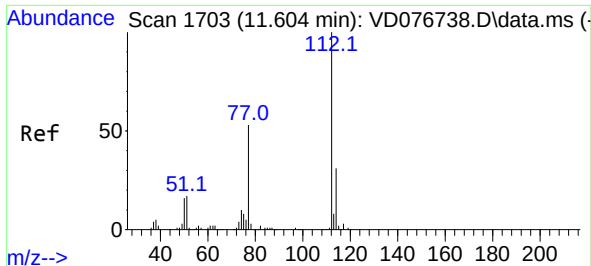
Tgt Ion:	117	Resp:	287081
Ion	Ratio	Lower	Upper
117	100		
82	49.8	38.3	57.5
119	32.8	25.0	37.4



#64
Tetrachloroethene
Concen: 84.209 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:	164	Resp:	137849
Ion	Ratio	Lower	Upper
164	100		
166	130.6	99.2	148.8
129	91.8	68.4	102.6
131	87.1	63.8	95.8

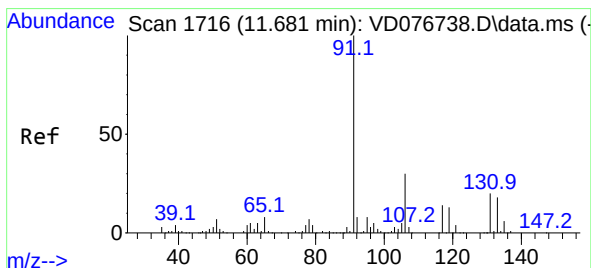
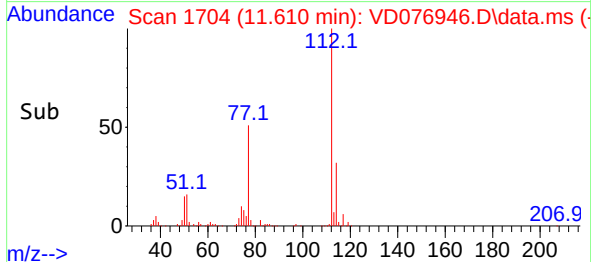
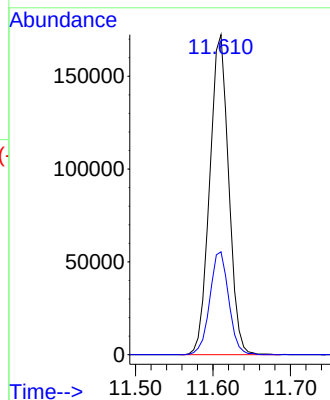
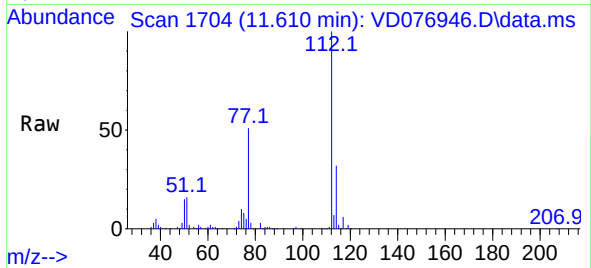




#65
Chlorobenzene
Concen: 50.767 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

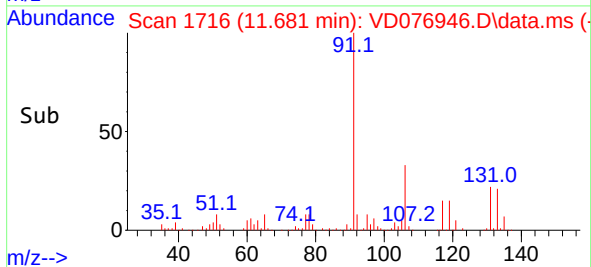
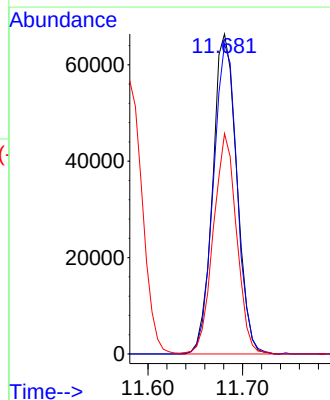
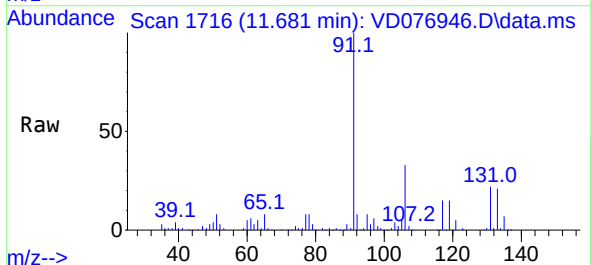
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

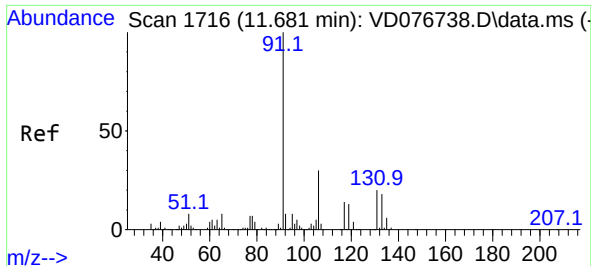
Tgt Ion:112 Resp: 293119
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.336 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:131 Resp: 116802
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 66.9 35.6 106.9





#67

Ethyl Benzene

Concen: 50.821 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

Instrument :

MSVOA_D

ClientSampleId :

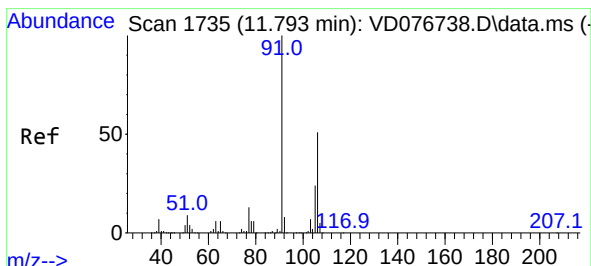
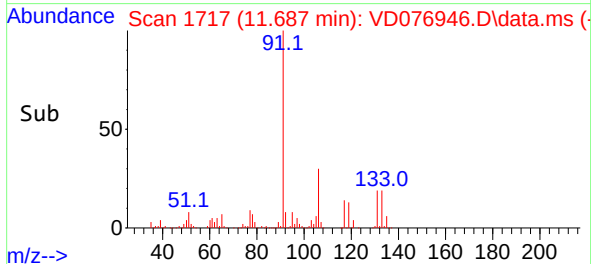
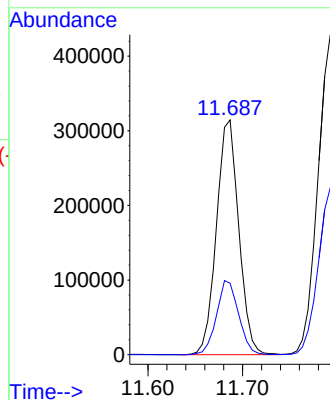
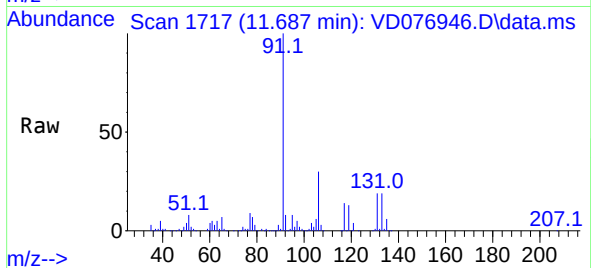
VSTDCCC050EC

Tgt Ion: 91 Resp: 515326

Ion Ratio Lower Upper

91 100

106 30.5 26.5 39.7



#68

m/p-Xylenes

Concen: 105.799 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076946.D

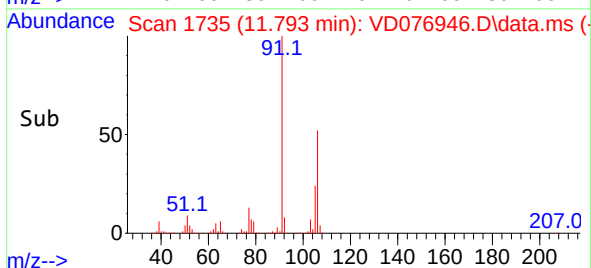
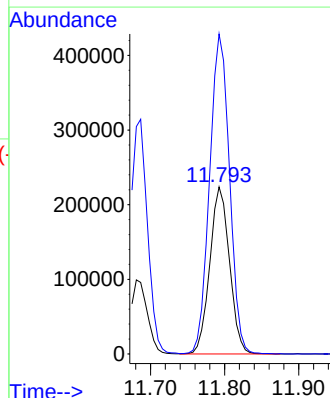
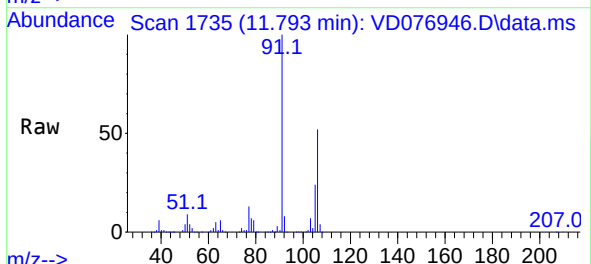
Acq: 07 Aug 2023 22:17

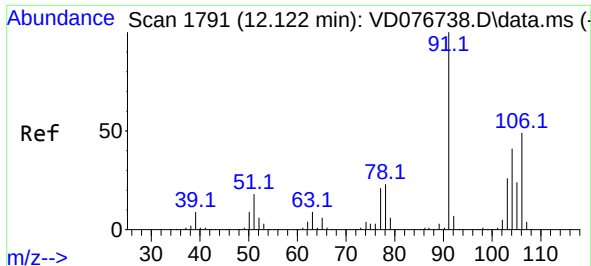
Tgt Ion:106 Resp: 412017

Ion Ratio Lower Upper

106 100

91 194.3 147.0 220.6

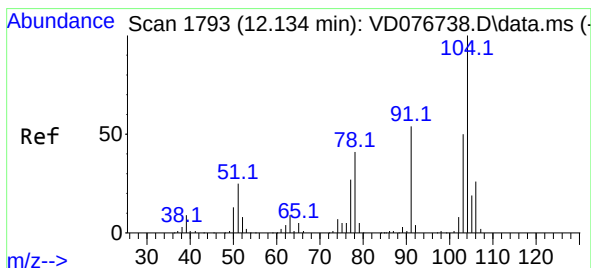
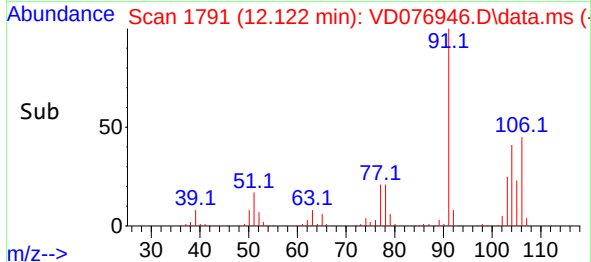
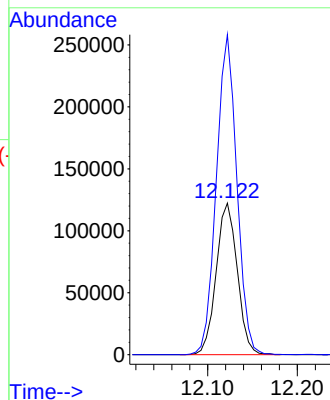
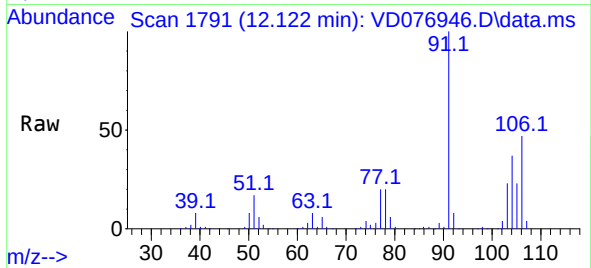




#69
o-Xylene
Concen: 53.025 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

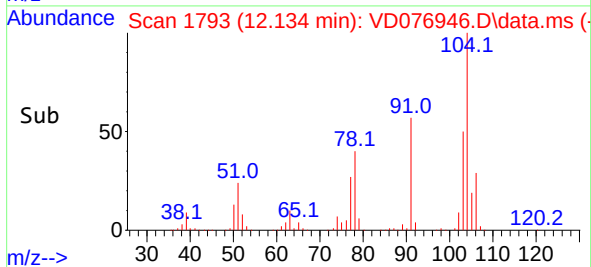
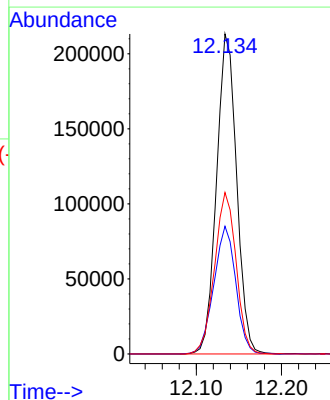
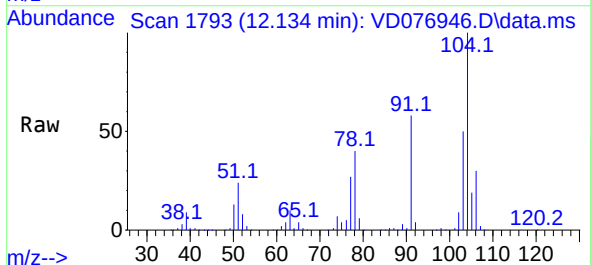
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

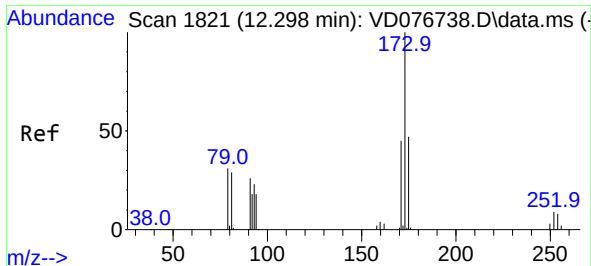
Tgt Ion:106 Resp: 199687
Ion Ratio Lower Upper
106 100
91 205.2 97.9 293.6



#70
Styrene
Concen: 52.979 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:104 Resp: 349261
Ion Ratio Lower Upper
104 100
78 43.7 33.2 49.8
103 54.1 43.6 65.4

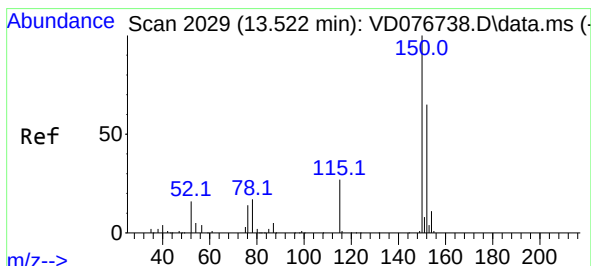
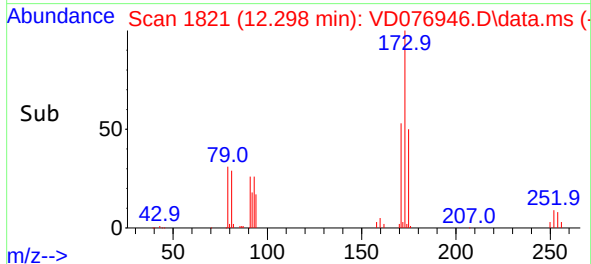
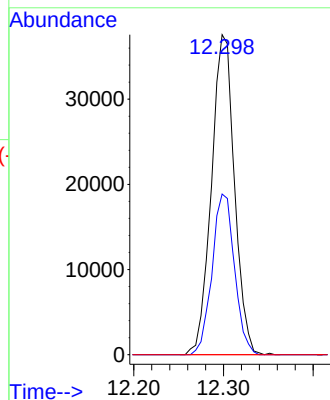
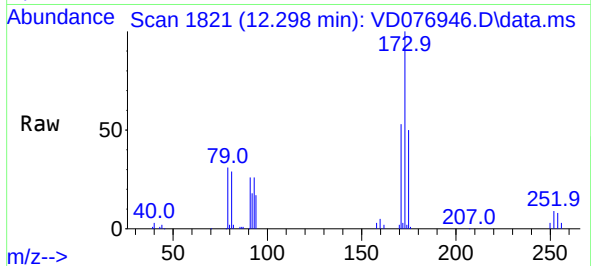




#71
Bromoform
Concen: 56.875 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

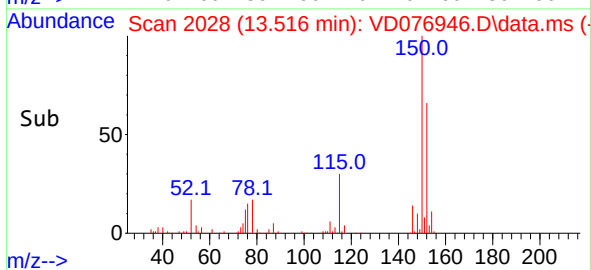
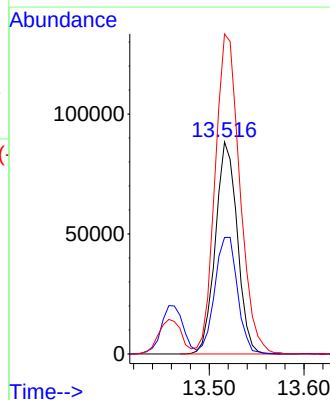
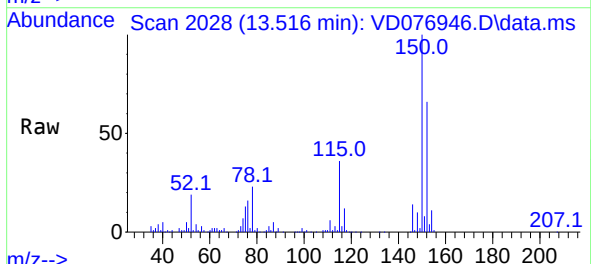
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

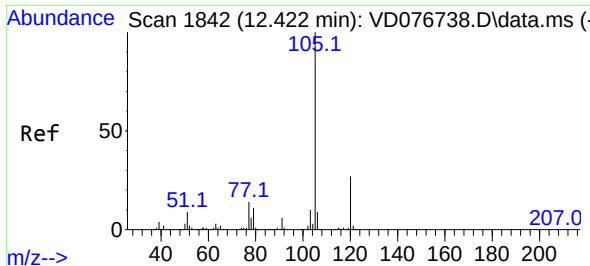
Tgt Ion:	173	Resp:	66960
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:	152	Resp:	141813
Ion Ratio	Lower	Upper	
152	100		
115	57.6	27.1	81.3
150	170.8	0.0	353.6

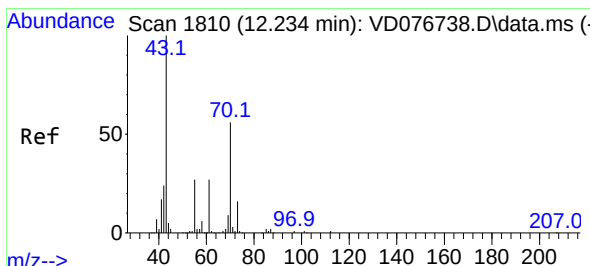
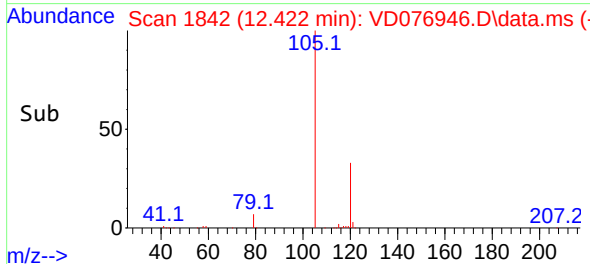
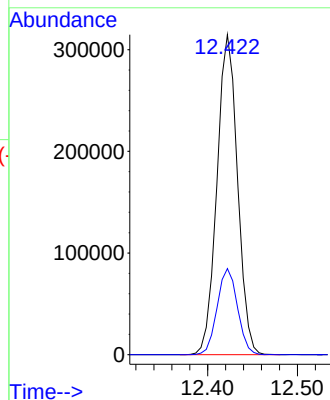
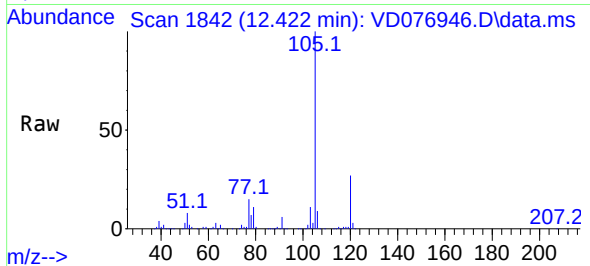




#73
Isopropylbenzene
Concen: 48.649 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

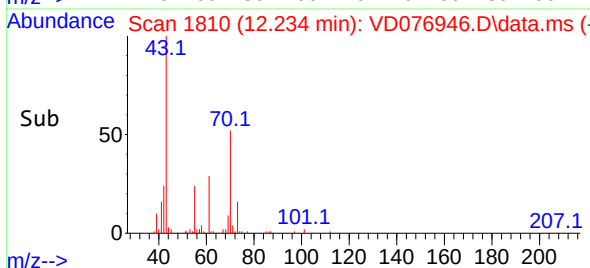
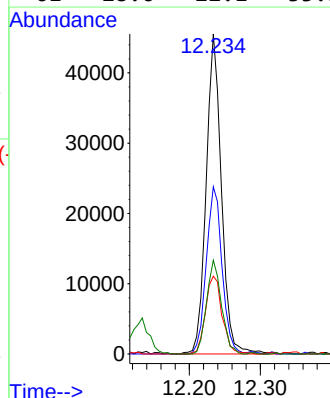
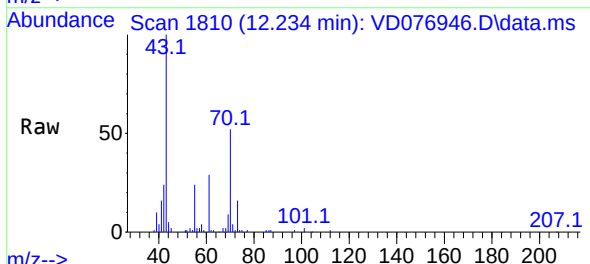
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

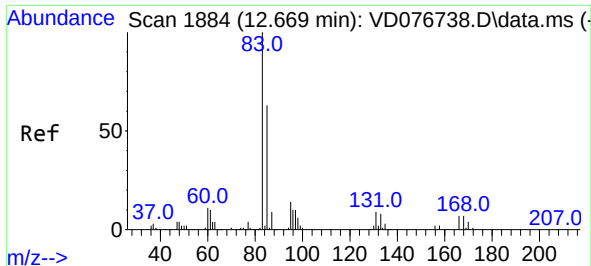
Tgt Ion:105 Resp: 500540
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 31.509 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 43 Resp: 68297
Ion Ratio Lower Upper
43 100
70 53.8 45.0 67.4
55 26.4 23.8 35.6
61 28.6 22.1 33.1

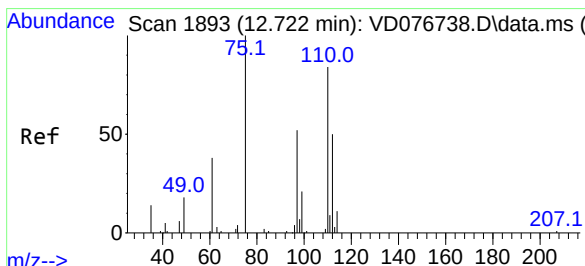
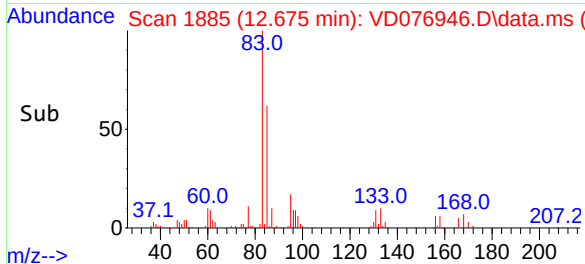
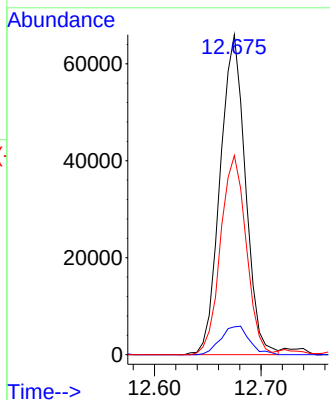
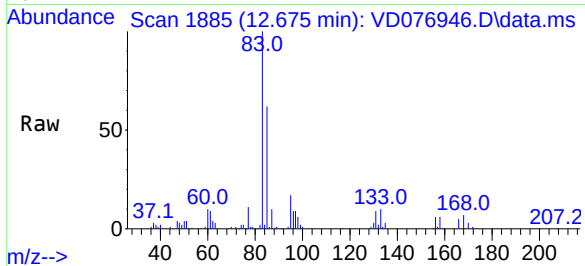




#75
1,1,2,2-Tetrachloroethane
Concen: 49.227 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

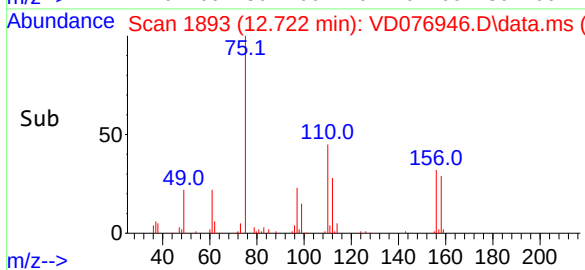
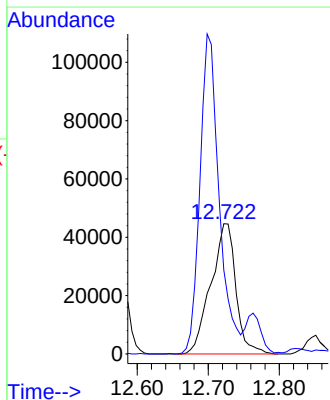
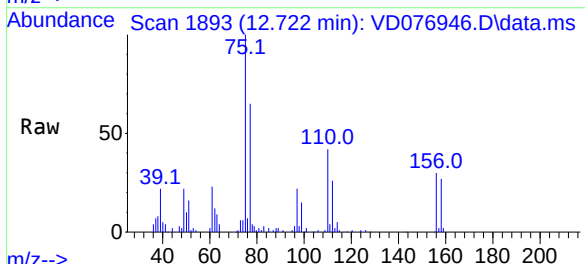
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

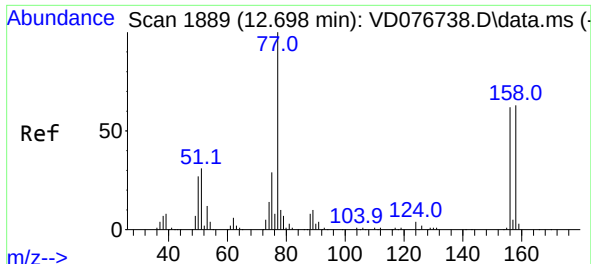
Tgt Ion: 83 Resp: 108747
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 80.847 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 75 Resp: 109032
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

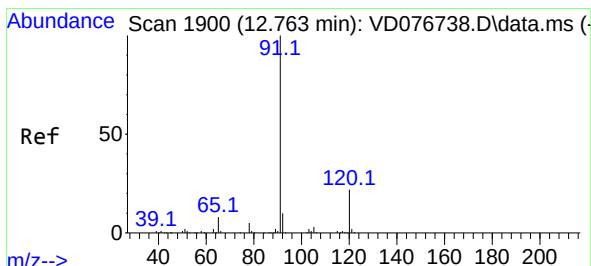
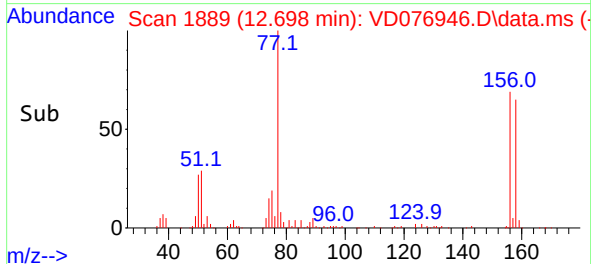
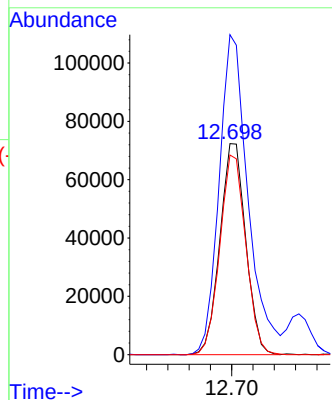
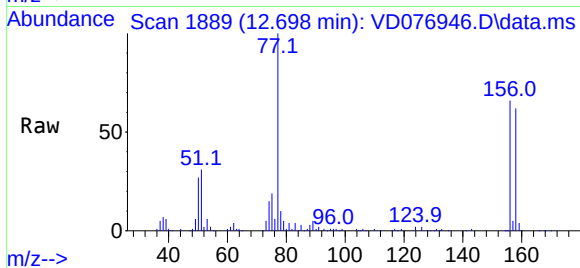




#77
Bromobenzene
Concen: 51.271 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

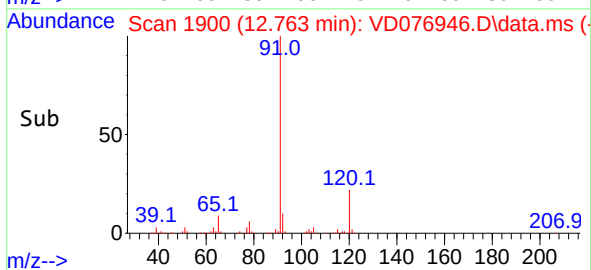
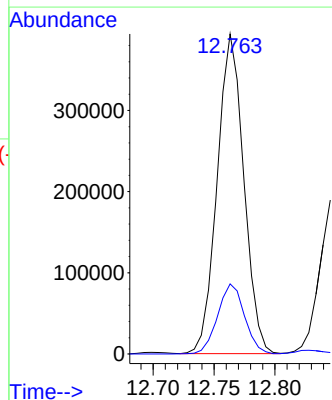
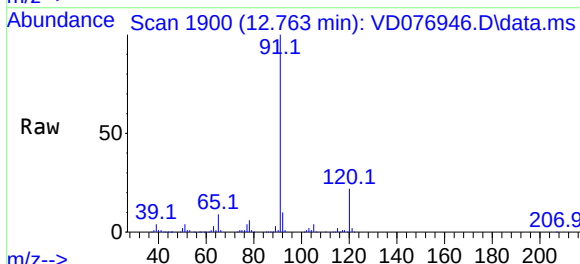
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

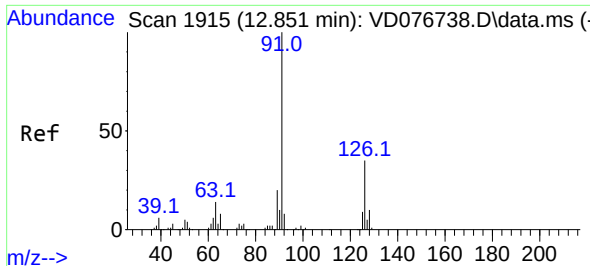
Tgt Ion:156 Resp: 121763
Ion Ratio Lower Upper
156 100
77 169.8 76.8 230.4
158 95.0 48.6 145.9



#78
n-propylbenzene
Concen: 48.004 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 91 Resp: 598772
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2

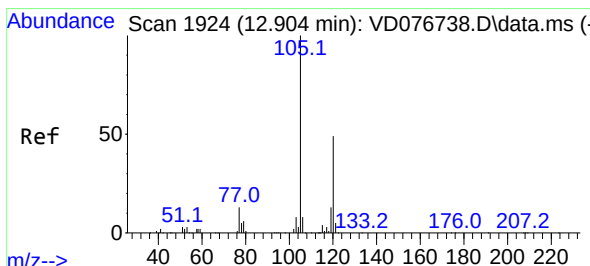
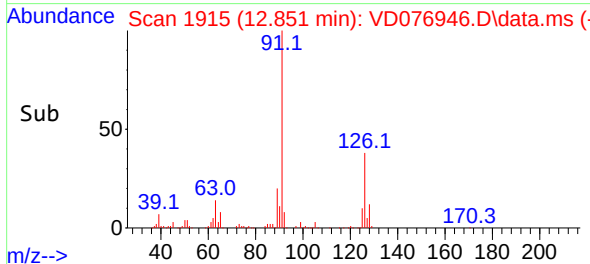
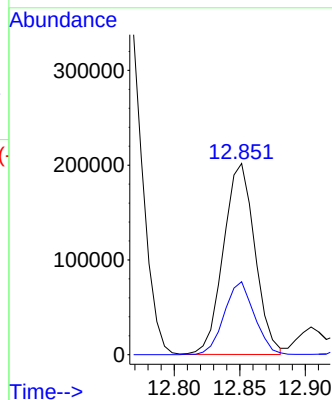
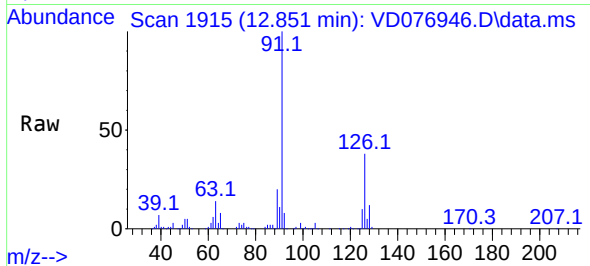




#79
2-Chlorotoluene
Concen: 49.236 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

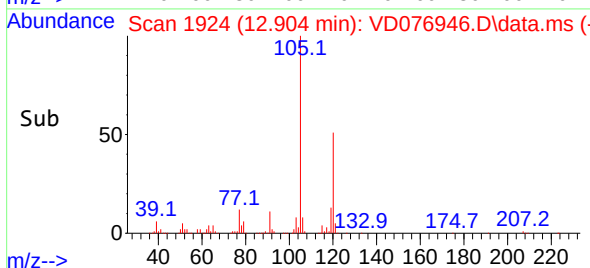
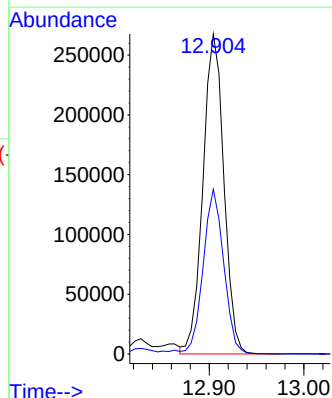
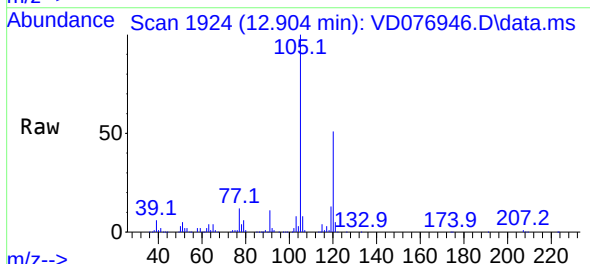
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

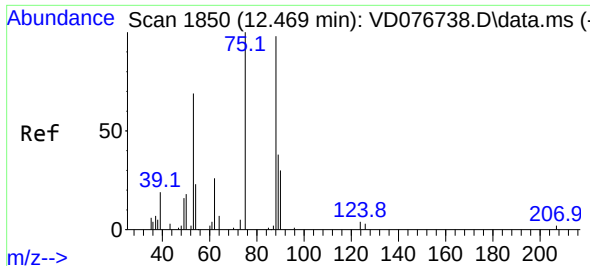
Tgt Ion: 91 Resp: 336735
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 49.497 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 105 Resp: 411786
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2

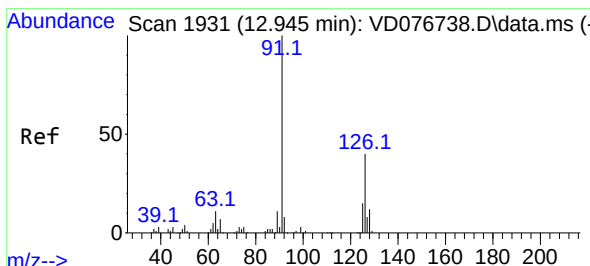
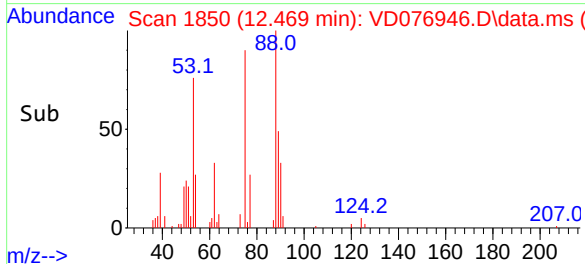
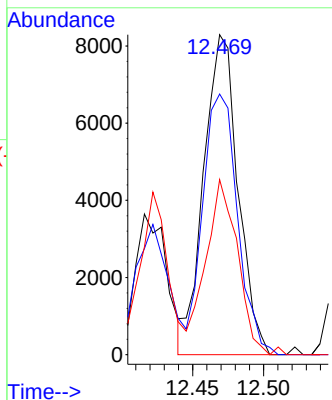
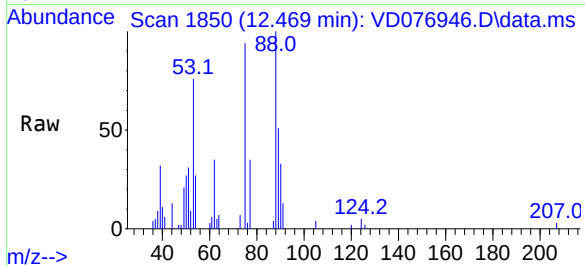




#81
trans-1,4-Dichloro-2-butene
Concen: 21.972 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

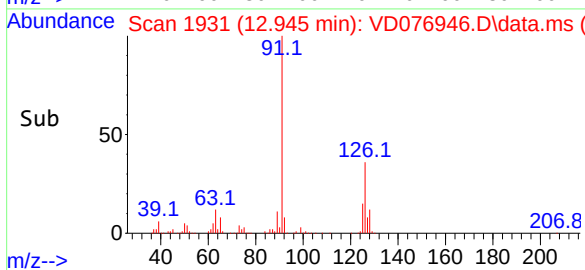
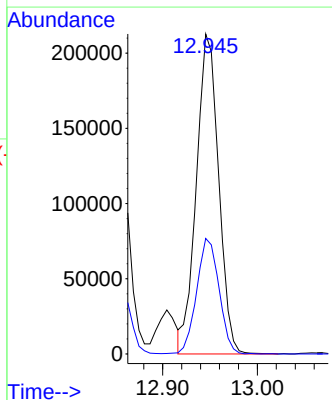
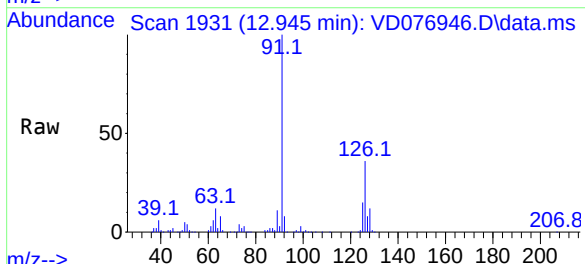
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

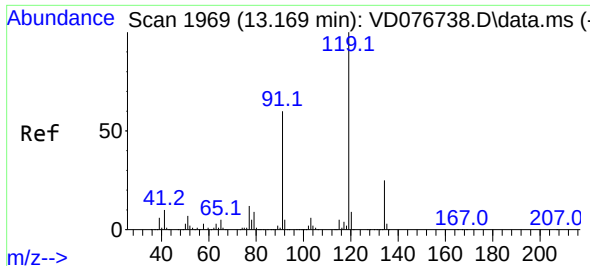
Tgt Ion: 75 Resp: 13923
Ion Ratio Lower Upper
75 100
53 82.2 63.0 94.4
89 50.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.555 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 91 Resp: 346919
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.4

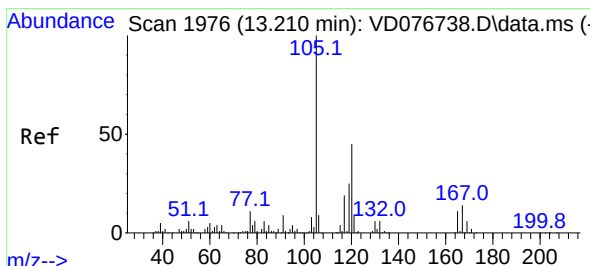
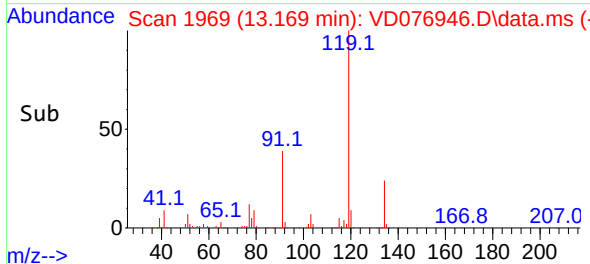
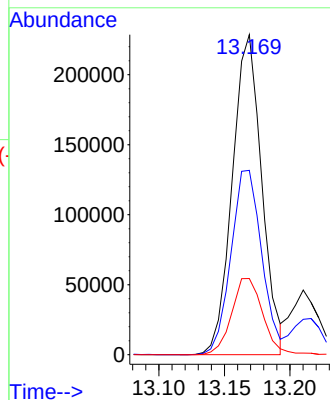
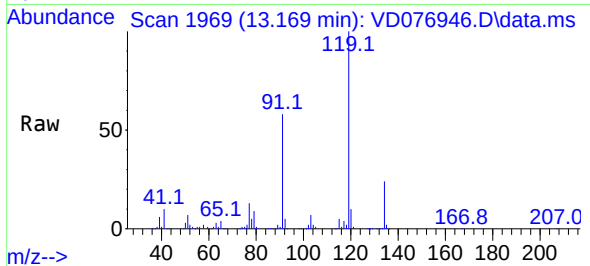




#83
tert-Butylbenzene
Concen: 48.796 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

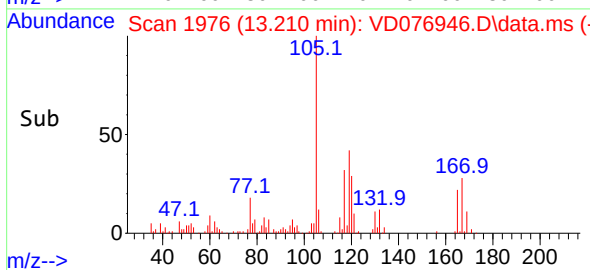
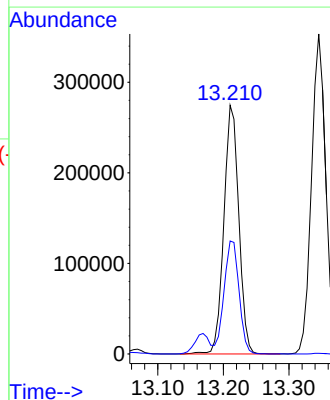
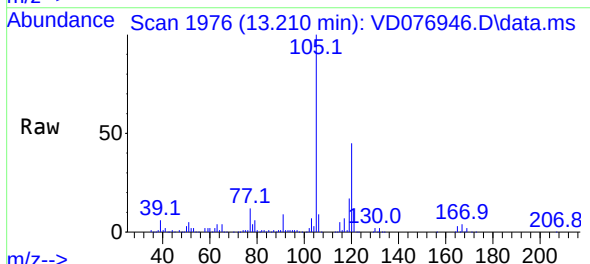
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

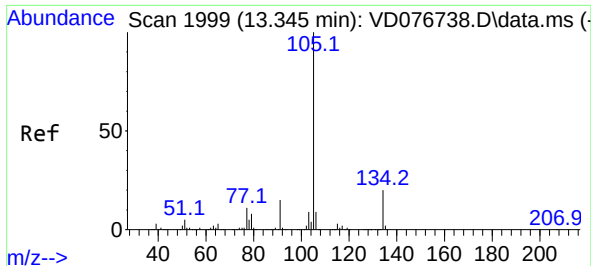
Tgt Ion:119 Resp: 357439
Ion Ratio Lower Upper
119 100
91 60.3 29.3 87.8
134 25.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 50.922 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:105 Resp: 432922
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9

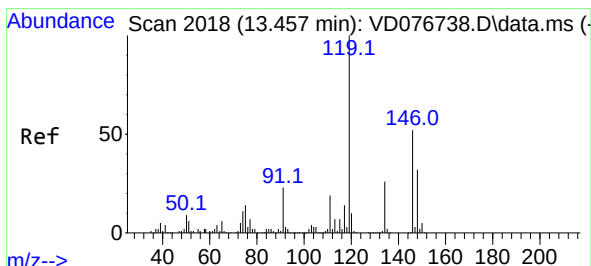
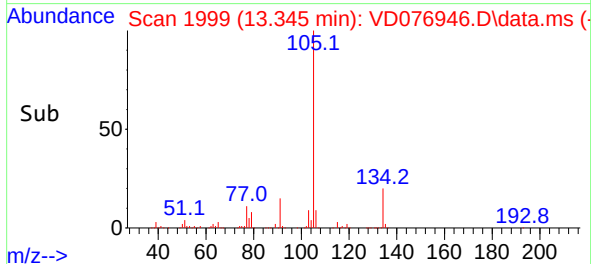
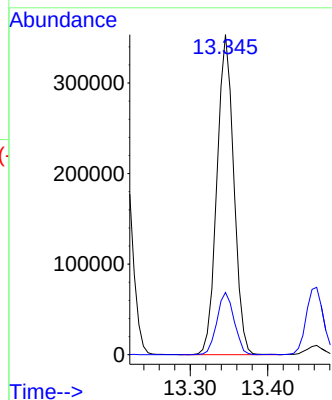
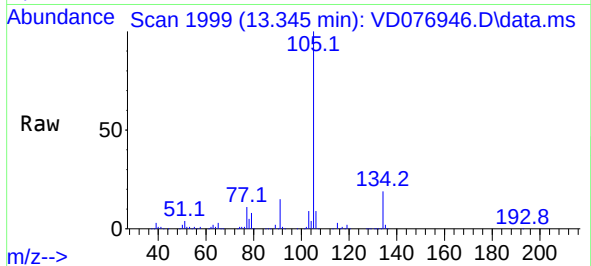




#85
 sec-Butylbenzene
 Concen: 47.610 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076946.D
 Acq: 07 Aug 2023 22:17

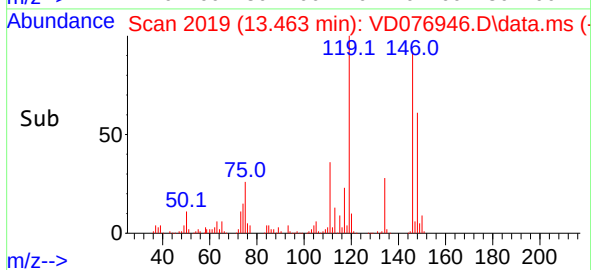
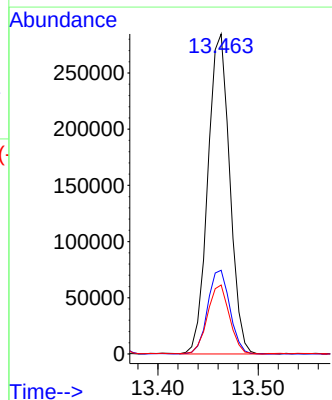
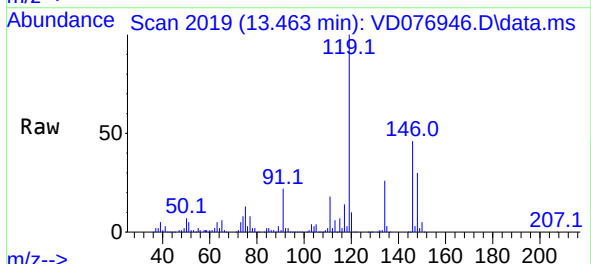
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

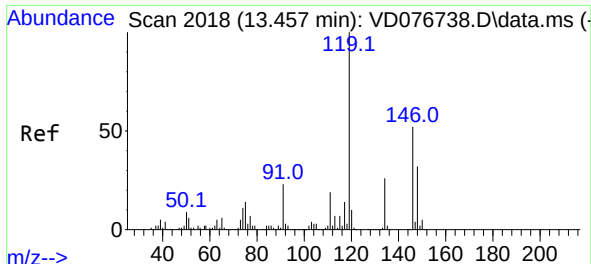
Tgt Ion:105 Resp: 532832
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 46.802 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076946.D
 Acq: 07 Aug 2023 22:17

Tgt Ion:119 Resp: 432577
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 48.804 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

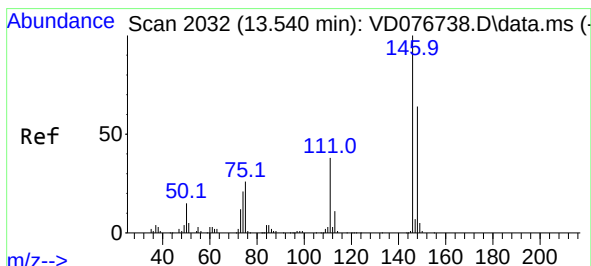
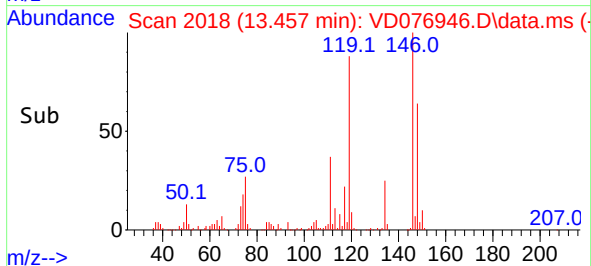
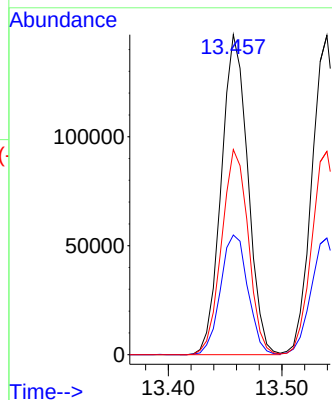
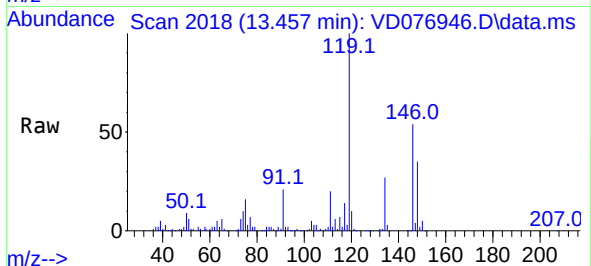
Tgt Ion:146 Resp: 238397

Ion Ratio Lower Upper

146 100

111 38.7 17.9 53.8

148 64.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 49.726 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076946.D

Acq: 07 Aug 2023 22:17

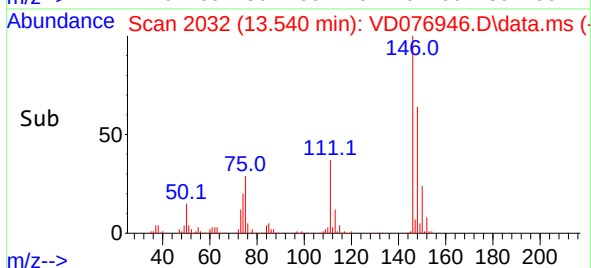
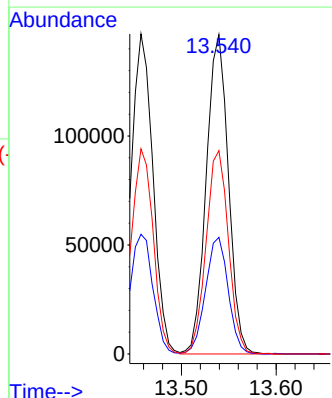
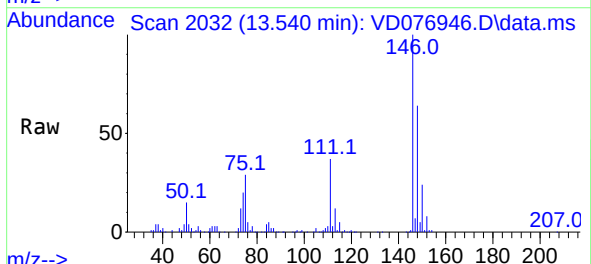
Tgt Ion:146 Resp: 237980

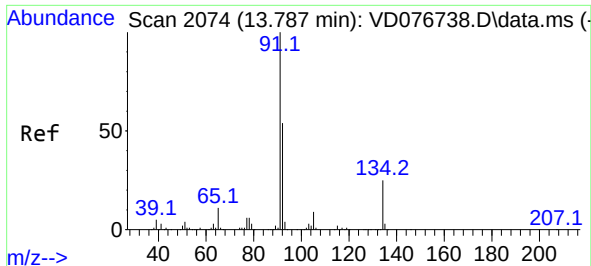
Ion Ratio Lower Upper

146 100

111 37.4 17.4 52.3

148 64.3 31.7 95.1

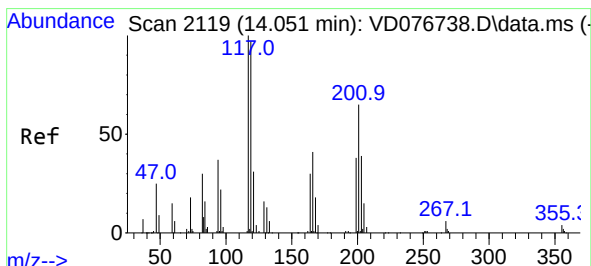
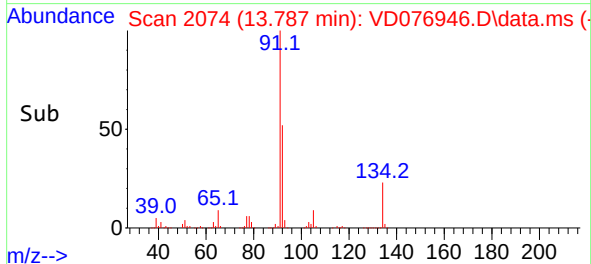
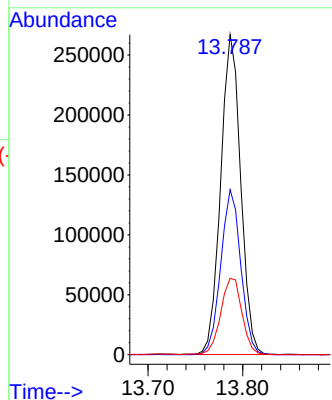
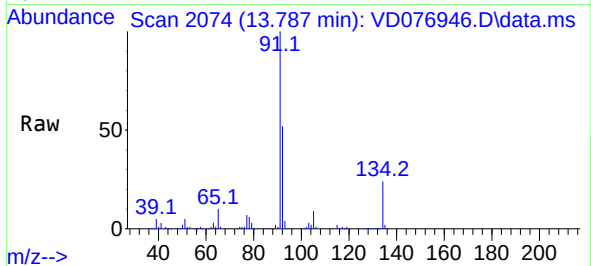




#89
n-Butylbenzene
Concen: 43.313 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

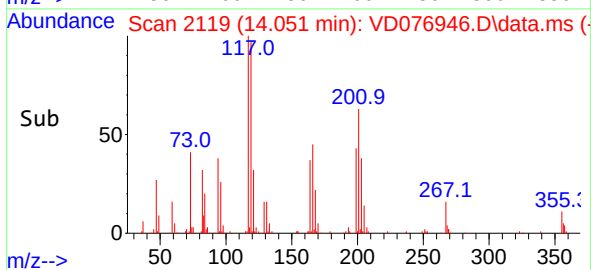
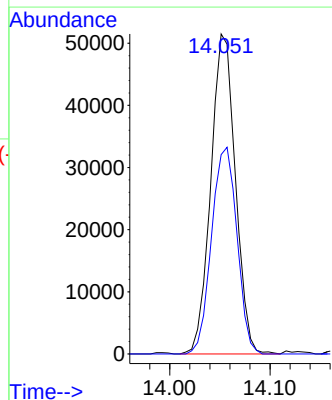
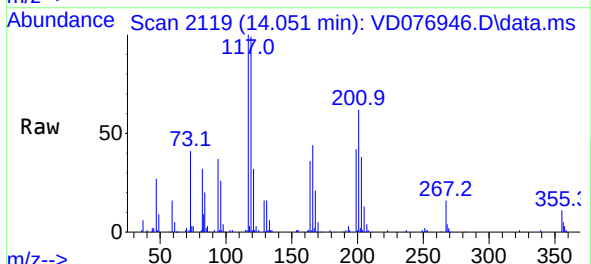
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

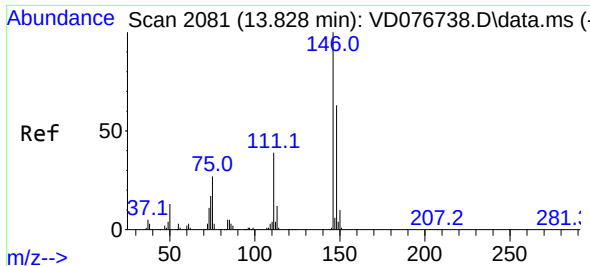
Tgt Ion: 91 Resp: 391747
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 25.5 13.8 41.3



#90
Hexachloroethane
Concen: 51.357 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 117 Resp: 87758
Ion Ratio Lower Upper
117 100
201 66.7 38.5 115.5

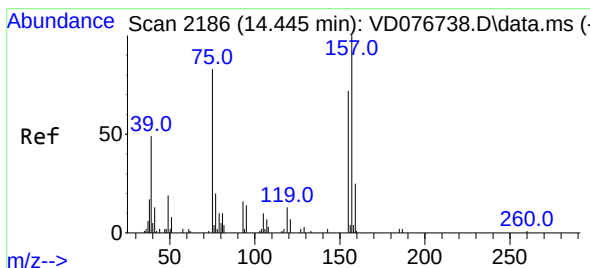
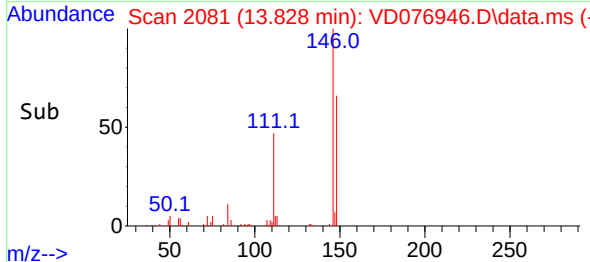
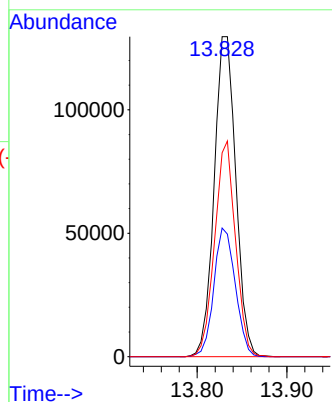
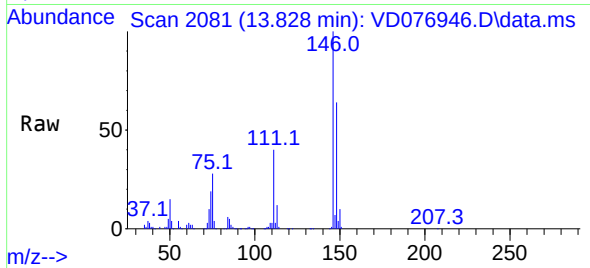




#91
1,2-Dichlorobenzene
Concen: 50.527 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

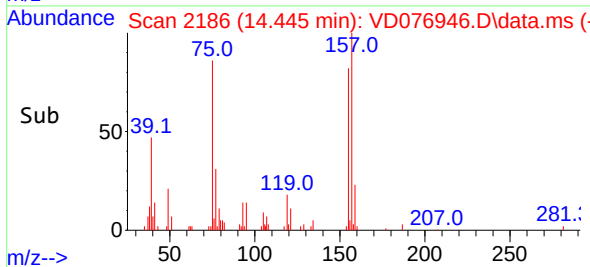
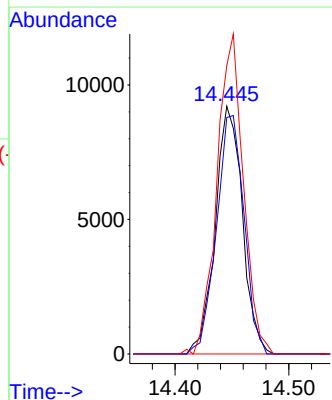
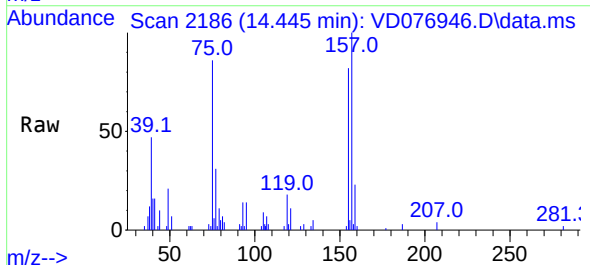
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

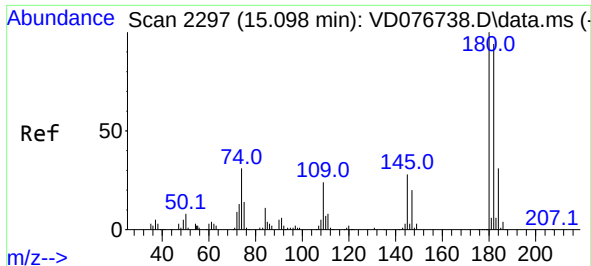
Tgt Ion:146 Resp: 217482
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 64.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.331 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion: 75 Resp: 15223
Ion Ratio Lower Upper
75 100
155 98.3 47.9 143.8
157 126.2 59.9 179.7

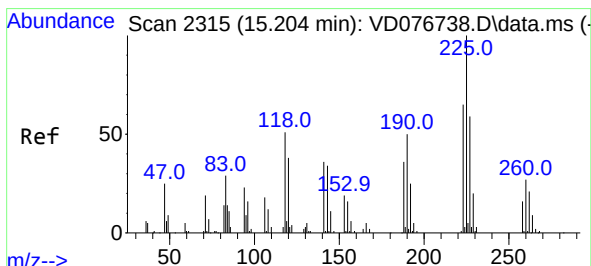
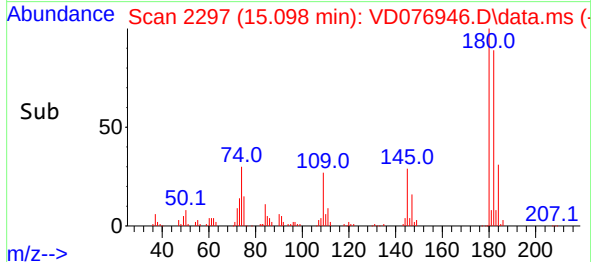
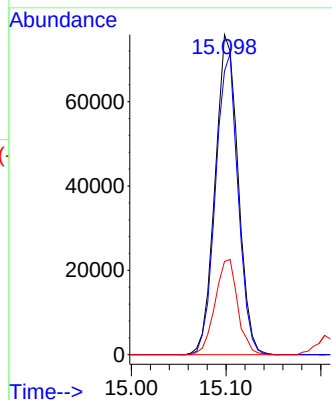
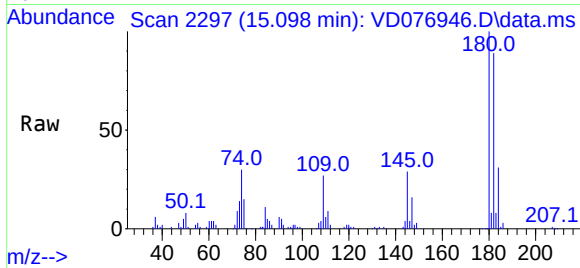




#93
 1,2,4-Trichlorobenzene
 Concen: 48.743 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076946.D
 Acq: 07 Aug 2023 22:17

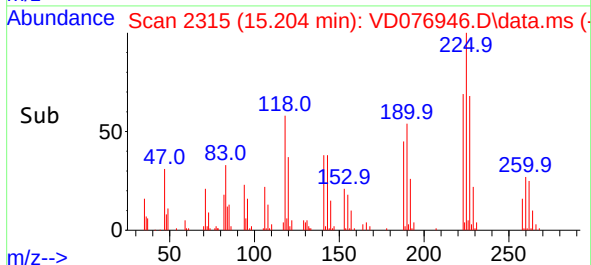
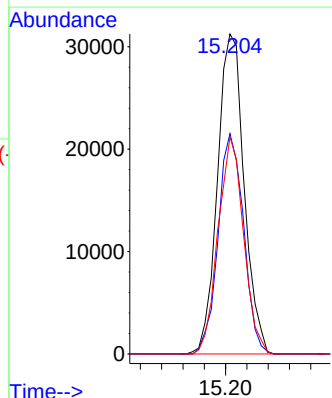
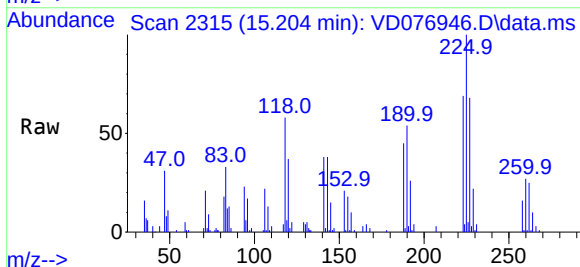
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

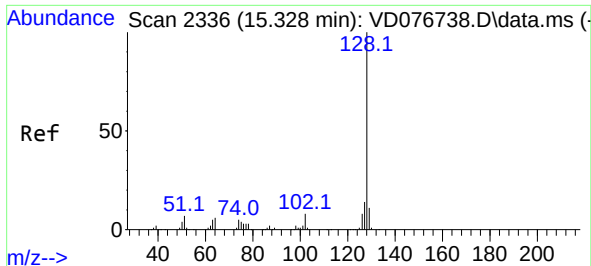
Tgt Ion:180 Resp: 128088
 Ion Ratio Lower Upper
 180 100
 182 92.0 48.5 145.6
 145 29.2 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 42.830 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD076946.D
 Acq: 07 Aug 2023 22:17

Tgt Ion:225 Resp: 54129
 Ion Ratio Lower Upper
 225 100
 223 65.9 31.6 94.8
 227 64.9 31.7 95.1

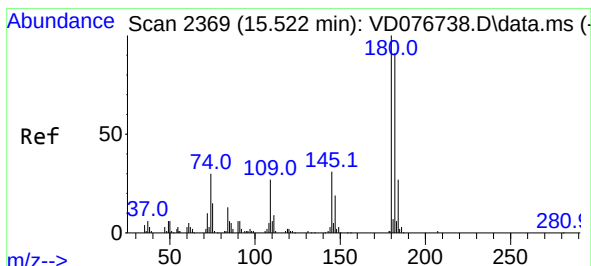
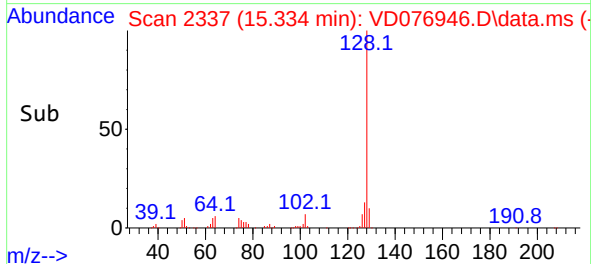
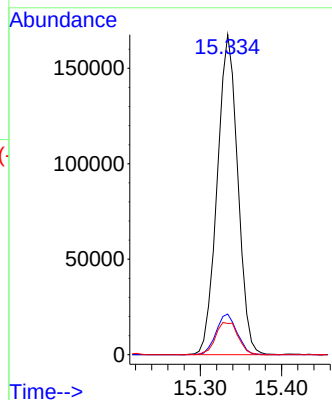
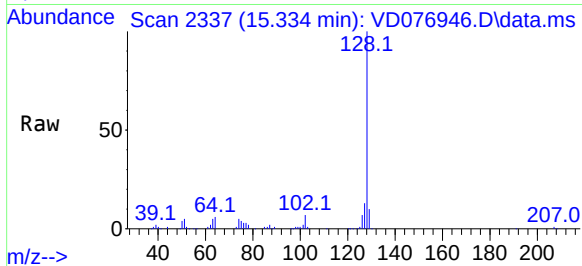




#95
Naphthalene
Concen: 51.863 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 295089
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 9.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.433 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076946.D
Acq: 07 Aug 2023 22:17

Tgt Ion:180 Resp: 121286
Ion Ratio Lower Upper
180 100
182 91.1 47.3 141.9
145 32.4 15.1 45.3

