

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076762.D
 Acq On : 17 Jul 2023 18:48
 Operator : KP/SY
 Sample : 03645-09MS
 Misc : 6.17G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS

Quant Time: Jul 18 01:24:36 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	7.869	168	136385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	255118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	231626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77077	56.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.480%	
35) Dibromofluoromethane	7.798	113	87753	54.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.269	98	291124	50.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.574	95	92839	50.039	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	50313	47.175	ug/l	95
3) Chloromethane	2.146	50	98241	53.398	ug/l	97
4) Vinyl Chloride	2.275	62	123958	50.544	ug/l	98
5) Bromomethane	2.681	94	84784	42.018	ug/l	99
6) Chloroethane	2.822	64	95023	51.318	ug/l	92
7) Trichlorofluoromethane	3.163	101	105055	48.141	ug/l	96
8) Diethyl Ether	3.587	74	38640	51.429	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.957	101	68648	47.857	ug/l	96
10) Methyl Iodide	4.151	142	78594	48.605	ug/l	93
11) Tert butyl alcohol	5.057	59	24880	245.442	ug/l	98
12) 1,1-Dichloroethene	3.934	96	64855	48.123	ug/l	96
13) Acrolein	3.787	56	12978	187.872	ug/l	96
14) Allyl chloride	4.557	41	84456	47.704	ug/l	92
15) Acrylonitrile	5.251	53	95205	257.996	ug/l	98
16) Acetone	4.016	43	84532	260.560	ug/l	91
17) Carbon Disulfide	4.257	76	153425	48.742	ug/l #	94
18) Methyl Acetate	4.557	43	83048	68.134	ug/l	97
19) Methyl tert-butyl Ether	5.310	73	185410	51.302	ug/l	95
20) Methylene Chloride	4.798	84	113804	61.222	ug/l	94
21) trans-1,2-Dichloroethene	5.304	96	78383	50.035	ug/l	99
22) Diisopropyl ether	6.216	45	225237	53.726	ug/l	94
23) Vinyl Acetate	6.151	43	229466	110.624	ug/l	94
24) 1,1-Dichloroethane	6.104	63	149263	52.807	ug/l	97
25) 2-Butanone	7.081	43	114110	262.810	ug/l #	81
26) 2,2-Dichloropropane	7.069	77	111750	45.863	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	99749	51.652	ug/l	100
28) Bromochloromethane	7.422	49	37857	53.570	ug/l	83
29) Tetrahydrofuran	7.445	42	67407	262.757	ug/l	94
30) Chloroform	7.592	83	163843	52.923	ug/l	94
31) Cyclohexane	7.875	56	89954	44.995	ug/l	95
32) 1,1,1-Trichloroethane	7.786	97	130350	52.185	ug/l	99
36) 1,1-Dichloropropene	8.004	75	102159	48.765	ug/l	97
37) Ethyl Acetate	7.163	43	42968	45.863	ug/l	96
38) Carbon Tetrachloride	7.986	117	98769	49.239	ug/l	90
39) Methylcyclohexane	9.275	83	112929	46.686	ug/l	97
40) Benzene	8.245	78	335519	50.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	27155	47.465	ug/l #	95
42) 1,2-Dichloroethane	8.322	62	92516	53.868	ug/l	97
43) Isopropyl Acetate	8.357	43	86070	47.074	ug/l	95
44) Trichloroethene	9.028	130	87411	48.529	ug/l	93
45) 1,2-Dichloropropane	9.304	63	88821	52.056	ug/l	98
46) Dibromomethane	9.392	93	52055	52.120	ug/l	90
47) Bromodichloromethane	9.586	83	126882	50.625	ug/l	97
48) Methyl methacrylate	9.380	41	43093	51.784	ug/l #	86
49) 1,4-Dioxane	9.386	88	13037	1018.827	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	247823	254.571	ug/l	93
52) Toluene	10.333	92	217641	50.133	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	115824	49.788	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	136063	49.627	ug/l #	91
55) 1,1,2-Trichloroethane	10.733	97	75918	52.055	ug/l	96
56) Ethyl methacrylate	10.598	69	80783	47.990	ug/l #	91
57) 1,3-Dichloropropane	10.880	76	119864	50.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	144596	221.918	ug/l	94
59) 2-Hexanone	10.922	43	174279	250.895	ug/l	93
60) Dibromochloromethane	11.075	129	88288	52.110	ug/l	98
61) 1,2-Dibromoethane	11.180	107	69039	51.059	ug/l	99
64) Tetrachloroethene	10.810	164	93577	70.850	ug/l #	89
65) Chlorobenzene	11.604	112	231306	49.653	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.680	131	89113	51.380	ug/l	97
67) Ethyl Benzene	11.680	91	403570	49.329	ug/l	100
68) m/p-Xylenes	11.792	106	310678	98.877	ug/l	91
69) o-Xylene	12.122	106	150864	49.652	ug/l	91
70) Styrene	12.133	104	261449	49.154	ug/l	97
71) Bromoform	12.304	173	47743	50.261	ug/l #	99
73) Isopropylbenzene	12.422	105	380456	51.387	ug/l	95
74) N-amyl acetate	12.233	43	66267	42.485	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.674	83	86025	54.116	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	97606	100.577	ug/l #	100
77) Bromobenzene	12.698	156	89094	52.133	ug/l	86
78) n-propylbenzene	12.763	91	447534	49.860	ug/l	96
79) 2-Chlorotoluene	12.851	91	248274	50.447	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	307821	51.418	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	23897	52.407	ug/l	98
82) 4-Chlorotoluene	12.945	91	258783	50.333	ug/l	95
83) tert-Butylbenzene	13.163	119	264778	50.231	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	313642	51.268	ug/l	97
85) sec-Butylbenzene	13.345	105	395037	49.052	ug/l	94
86) p-Isopropyltoluene	13.463	119	314695	47.315	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	168929	48.059	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	168085	48.807	ug/l	98
89) n-Butylbenzene	13.786	91	276486	42.482	ug/l	98
90) Hexachloroethane	14.051	117	62935	51.182	ug/l	86
91) 1,2-Dichlorobenzene	13.827	146	152620	49.274	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12438	54.876	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	71301	37.706	ug/l	96
94) Hexachlorobutadiene	15.204	225	30889	33.965	ug/l	98
95) Naphthalene	15.333	128	182825	44.653	ug/l	96
96) 1,2,3-Trichlorobenzene	15.521	180	64587	38.061	ug/l	96

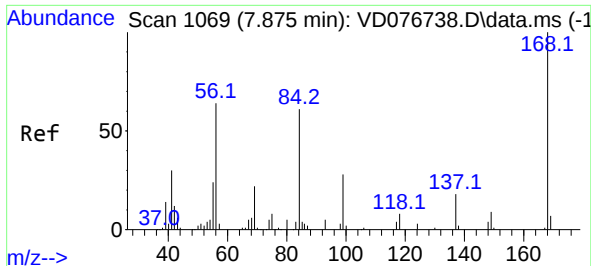
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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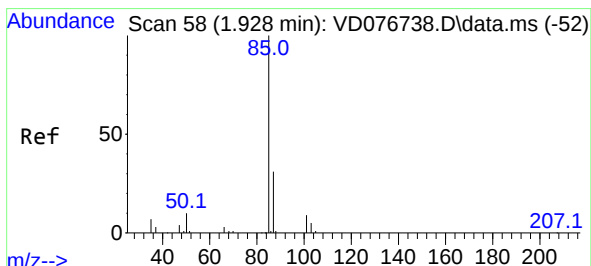
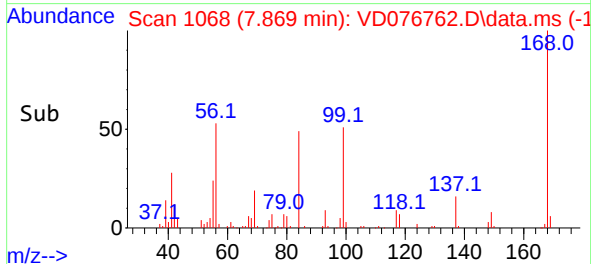
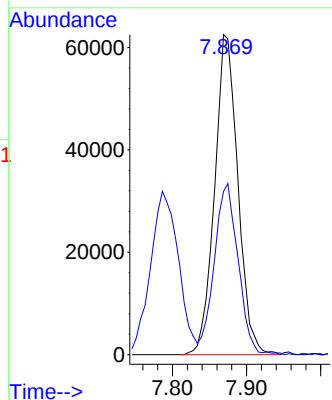
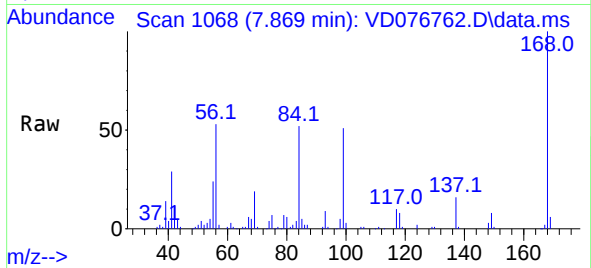
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

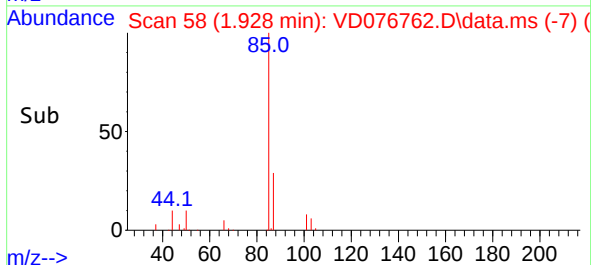
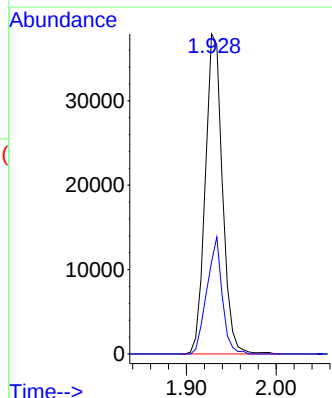
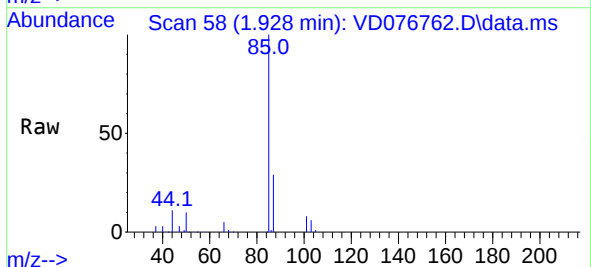
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion:168 Resp: 136385
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1

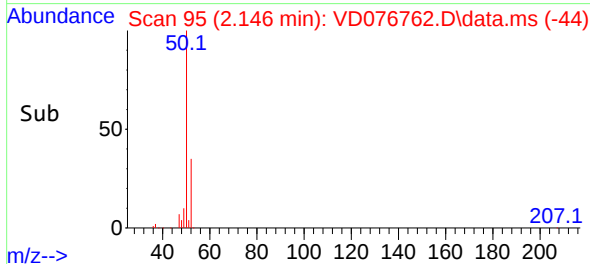
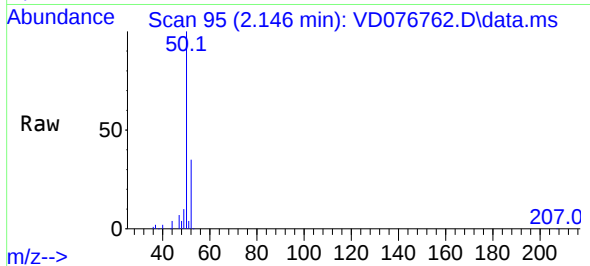
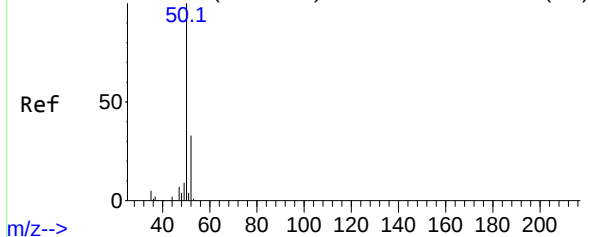


#2
Dichlorodifluoromethane
Concen: 47.175 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 85 Resp: 50313
Ion Ratio Lower Upper
85 100
87 28.8 15.7 47.0



Abundance Scan 95 (2.146 min): VD076738.D\data.ms (-88)



#3

Chloromethane

Concen: 53.398 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

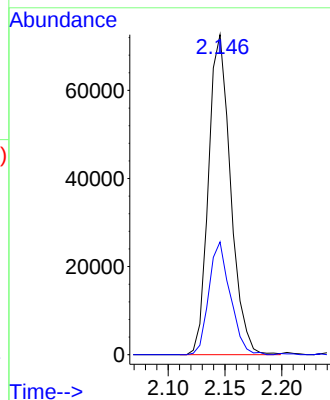
SB-04-(1-5)MS

Tgt Ion: 50 Resp: 98241

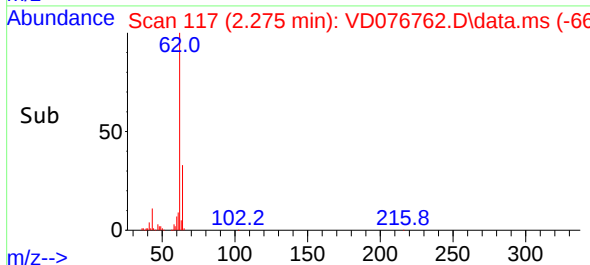
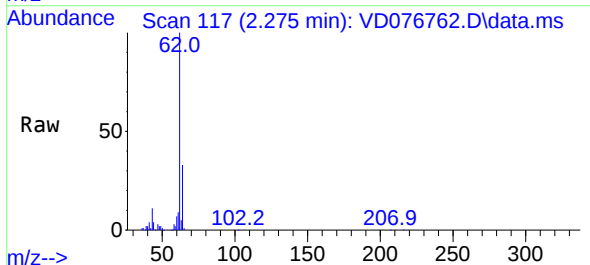
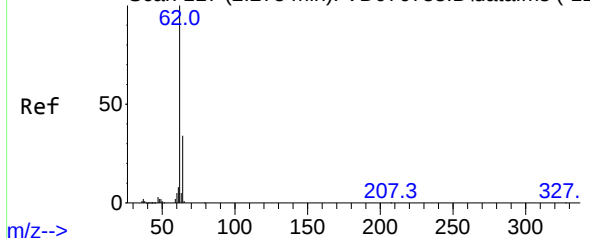
Ion Ratio Lower Upper

50 100

52 35.3 26.6 40.0



Abundance Scan 117 (2.275 min): VD076738.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 50.544 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.000 min

Lab File: VD076762.D

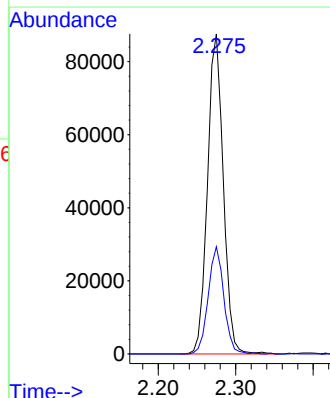
Acq: 17 Jul 2023 18:48

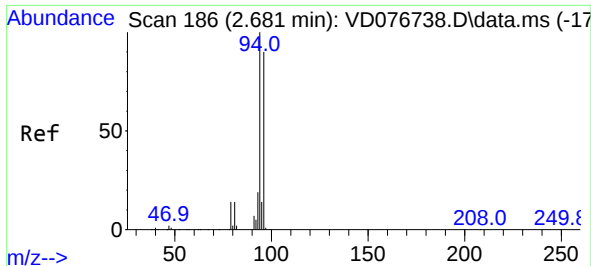
Tgt Ion: 62 Resp: 123958

Ion Ratio Lower Upper

62 100

64 33.5 26.0 39.0

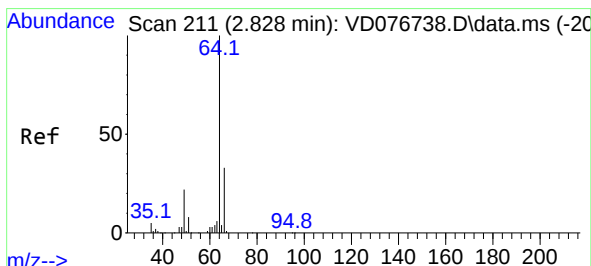
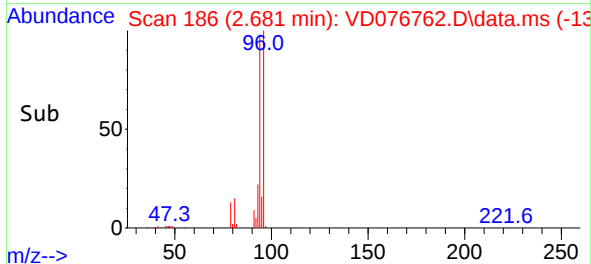
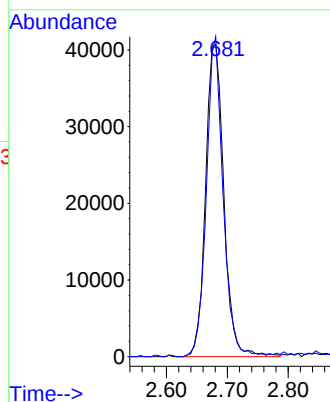
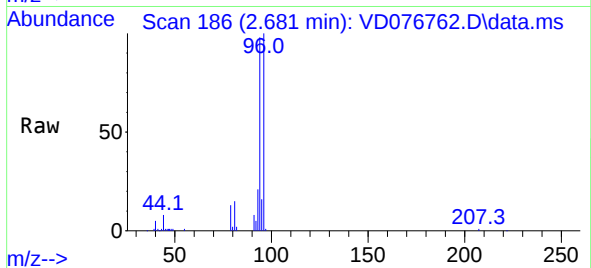




#5
Bromomethane
Concen: 42.018 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

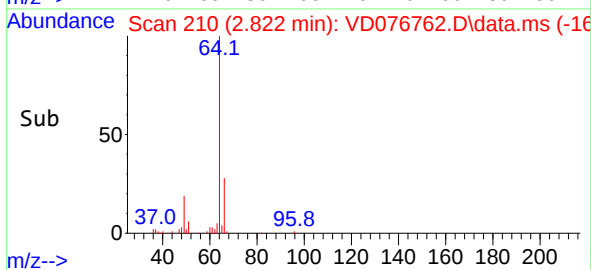
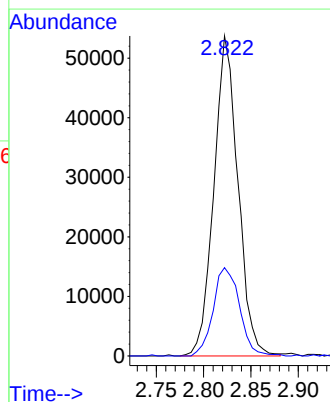
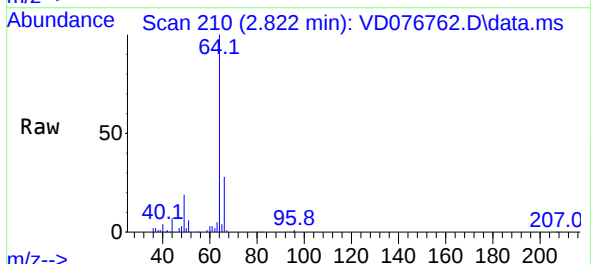
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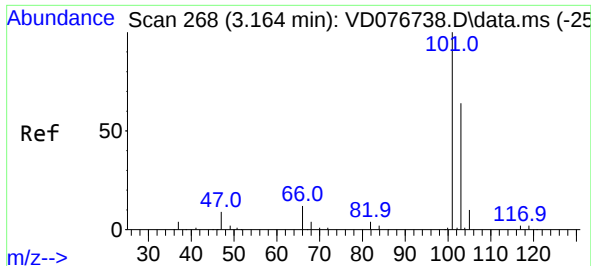
Tgt Ion: 94 Resp: 84784
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#6
Chloroethane
Concen: 51.318 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 64 Resp: 95023
Ion Ratio Lower Upper
64 100
66 27.6 25.5 38.3

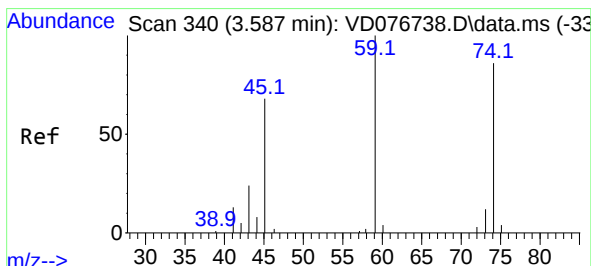
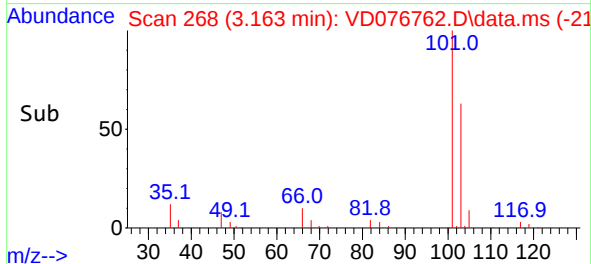
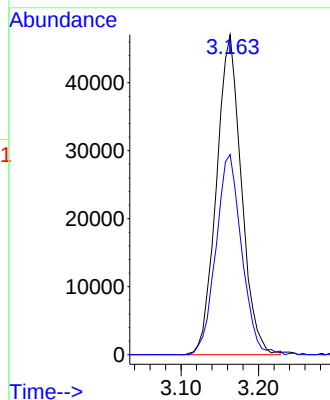
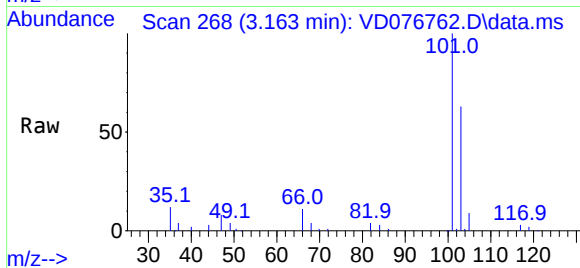




#7
Trichlorofluoromethane
Concen: 48.141 ug/l
RT: 3.163 min Scan# 20
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

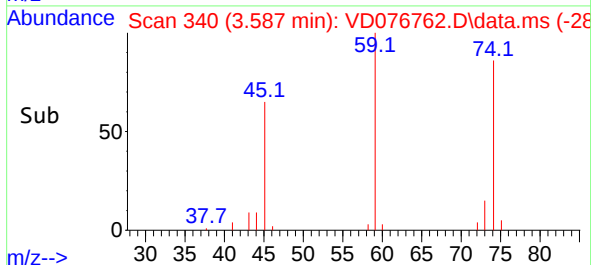
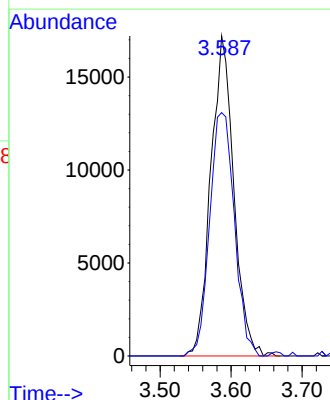
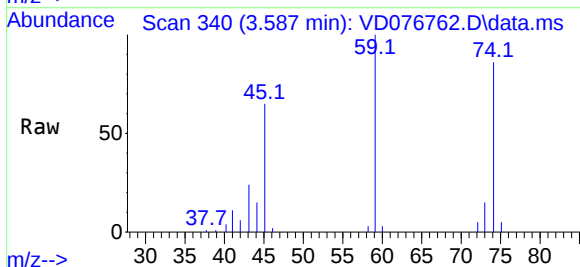
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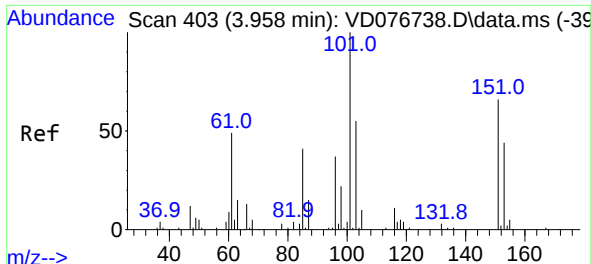
Tgt Ion:101 Resp: 105055
Ion Ratio Lower Upper
101 100
103 62.5 52.3 78.5



#8
Diethyl Ether
Concen: 51.429 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 74 Resp: 38640
Ion Ratio Lower Upper
74 100
45 81.9 37.5 112.7



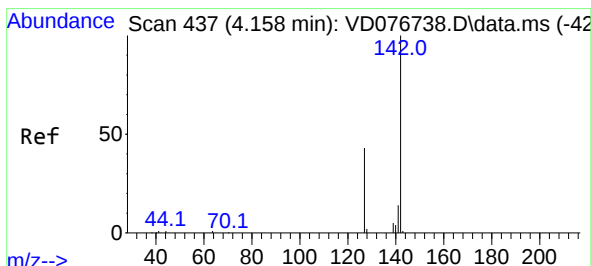
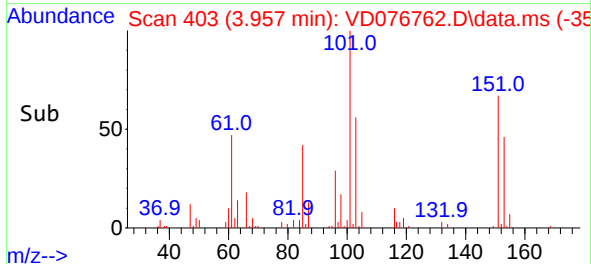
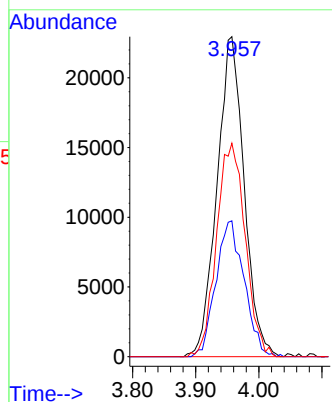
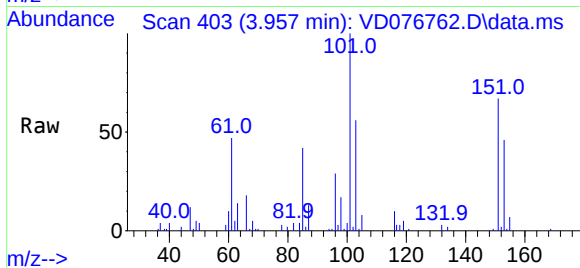


#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.857 ug/l
RT: 3.957 min Scan# 403
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion:101 Resp: 68648

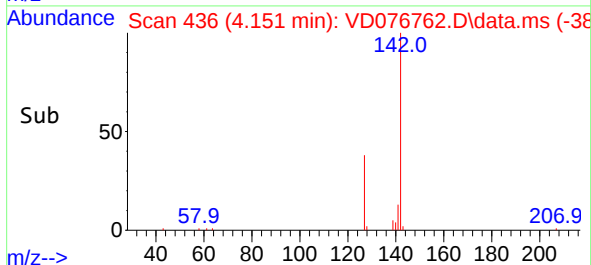
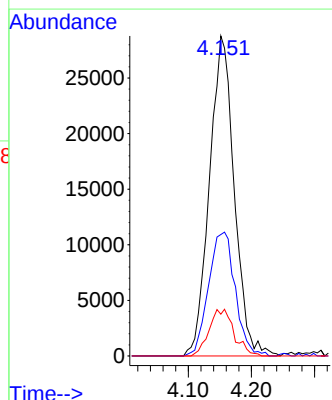
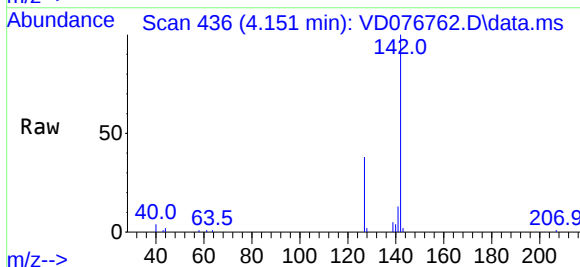
Ion	Ratio	Lower	Upper
101	100		
85	44.2	33.8	50.6
151	70.4	59.8	89.6

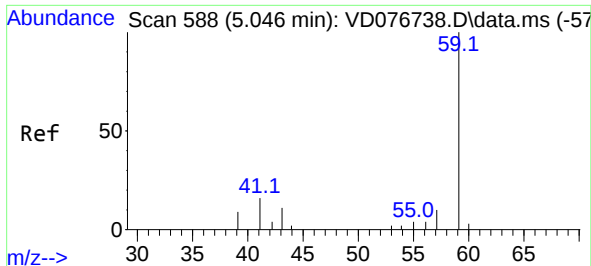


#10
Methyl Iodide
Concen: 48.605 ug/l
RT: 4.151 min Scan# 436
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:142 Resp: 78594

Ion	Ratio	Lower	Upper
142	100		
127	41.6	29.4	44.0
141	14.7	11.1	16.7

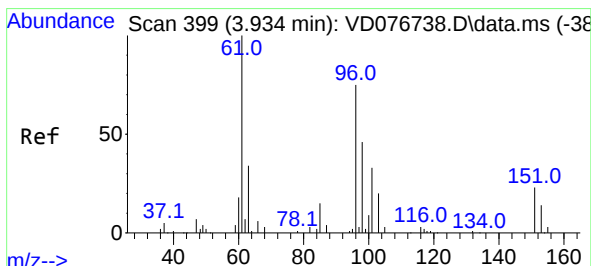
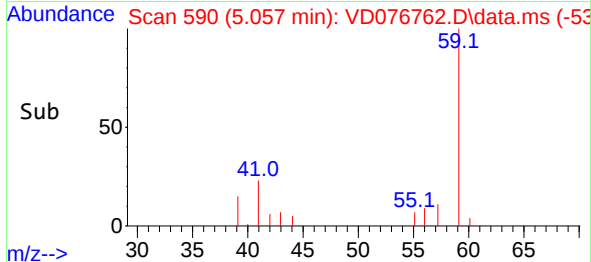
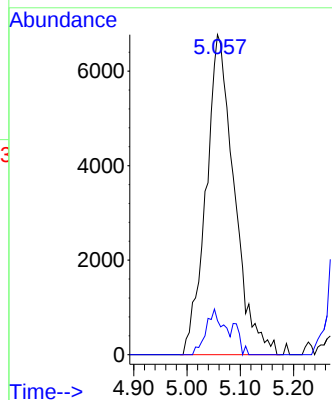
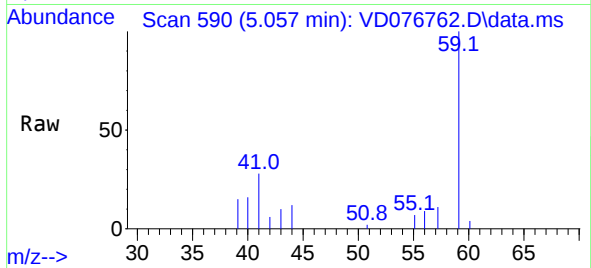




#11
Tert butyl alcohol
Concen: 245.442 ug/l
RT: 5.057 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

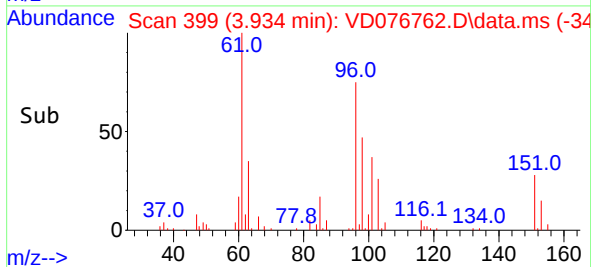
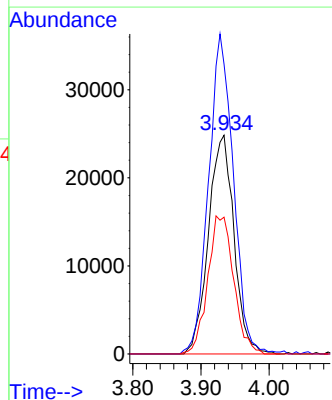
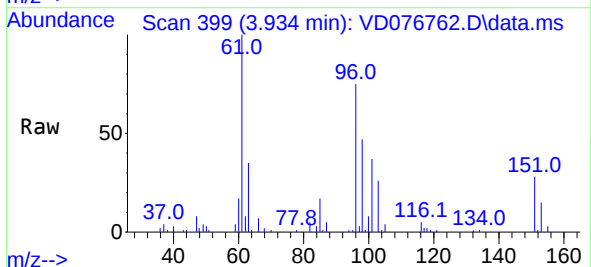
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

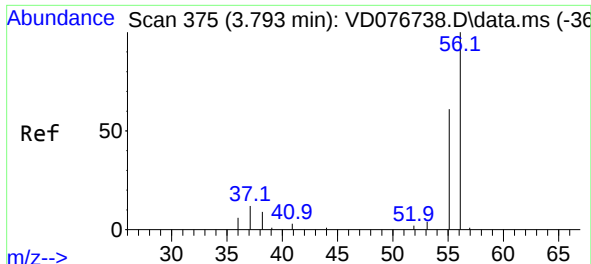
Tgt Ion: 59 Resp: 24880
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.123 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 96 Resp: 64855
Ion Ratio Lower Upper
96 100
61 132.5 100.6 150.8
98 62.6 50.2 75.2

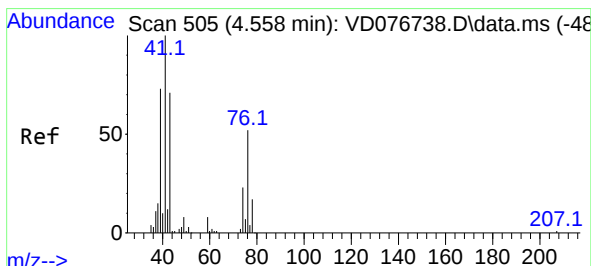
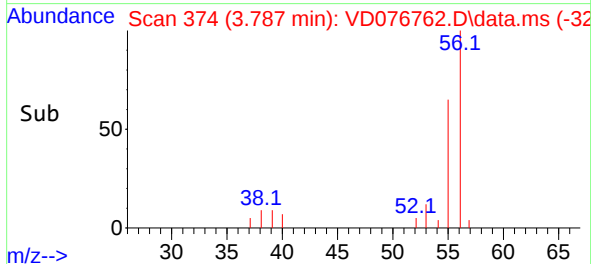
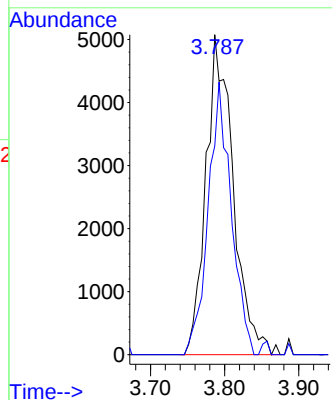
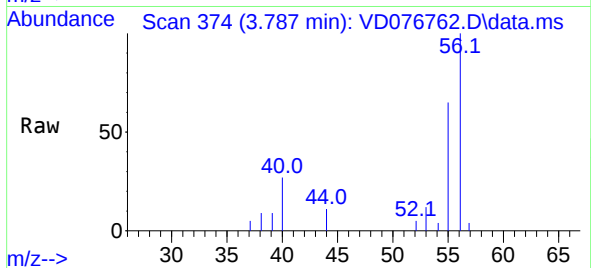




#13
Acrolein
Concen: 187.872 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

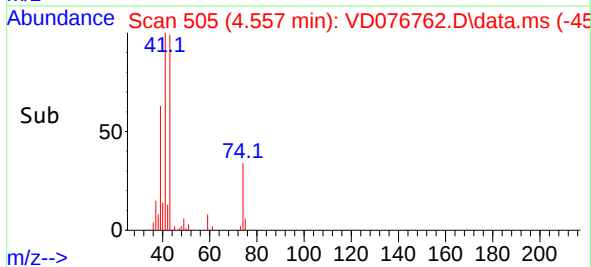
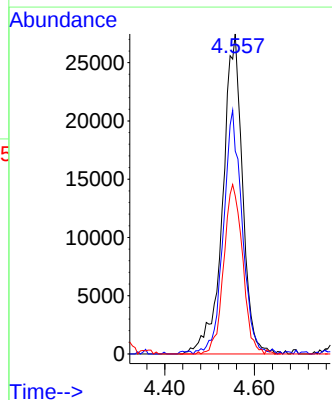
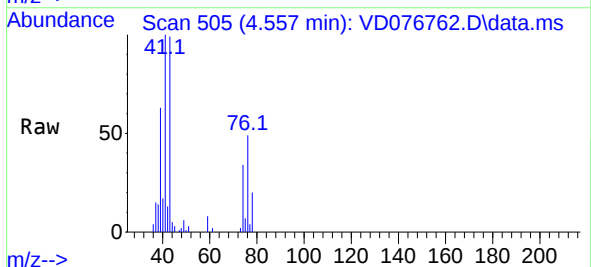
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

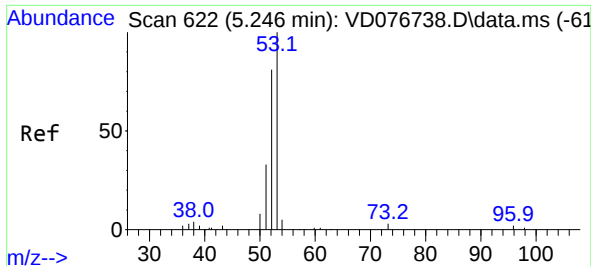
Tgt Ion: 56 Resp: 12978
Ion Ratio Lower Upper
56 100
55 72.0 55.1 82.7



#14
Allyl chloride
Concen: 47.704 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 41 Resp: 84456
Ion Ratio Lower Upper
41 100
39 71.7 53.8 80.6
76 50.1 45.8 68.8

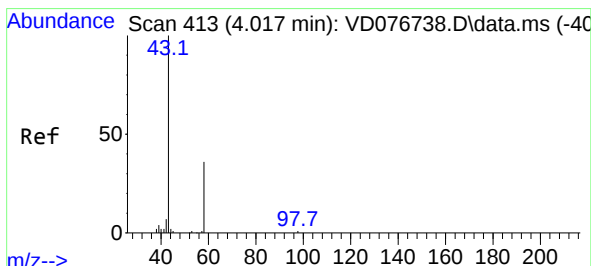
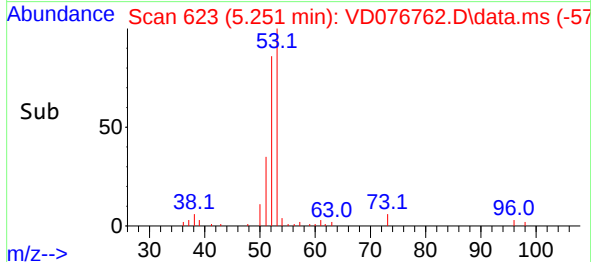
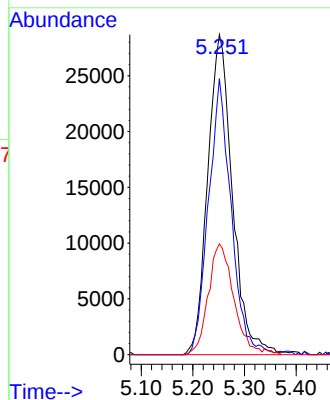
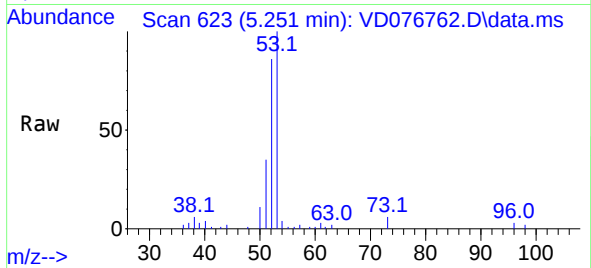




#15
Acrylonitrile
Concen: 257.996 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

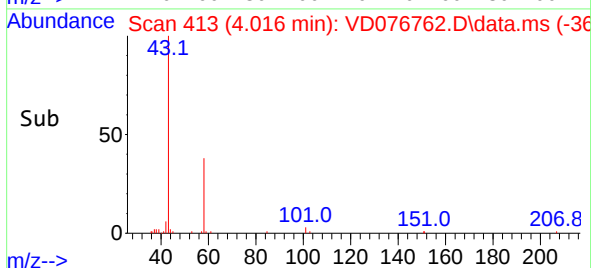
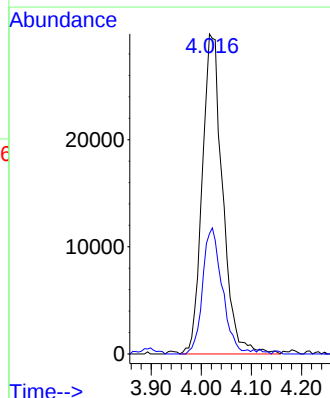
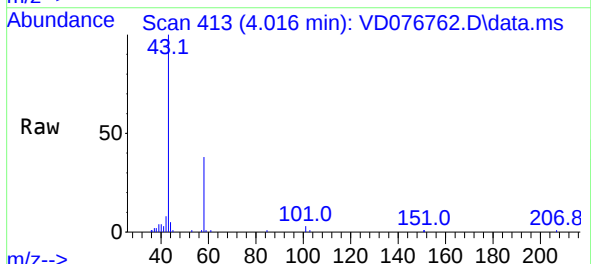
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

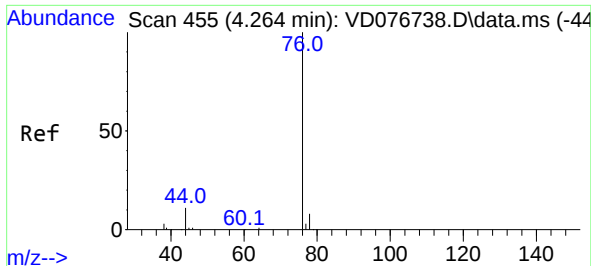
Tgt Ion:	53	Resp:	95205
Ion	Ratio	Lower	Upper
53	100		
52	79.1	65.0	97.4
51	35.3	28.3	42.5



#16
Acetone
Concen: 260.560 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:	43	Resp:	84532
Ion	Ratio	Lower	Upper
43	100		
58	37.6	34.7	52.1

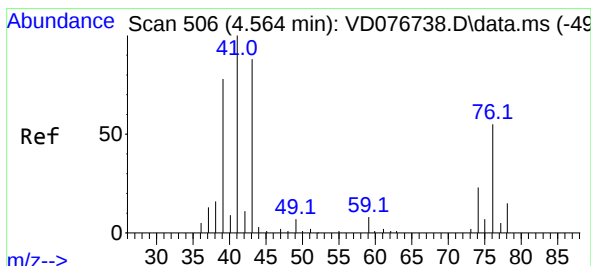
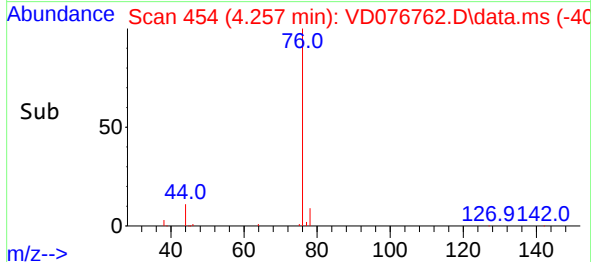
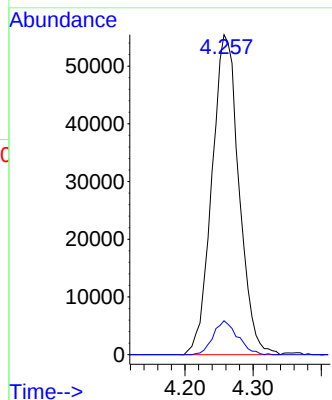
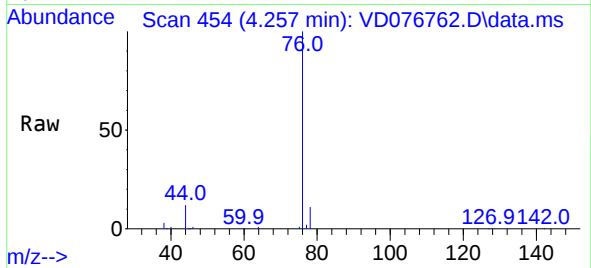




#17
Carbon Disulfide
Concen: 48.742 ug/l
RT: 4.257 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

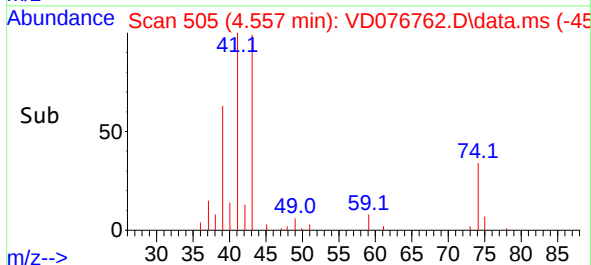
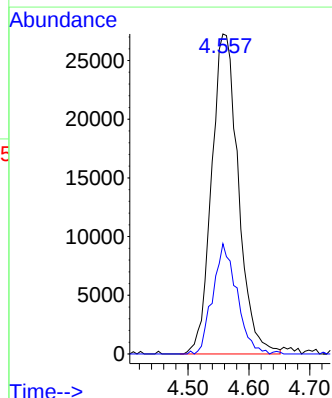
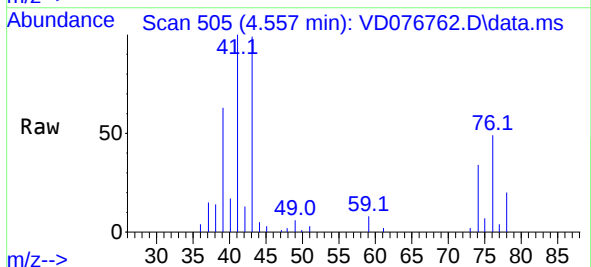
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

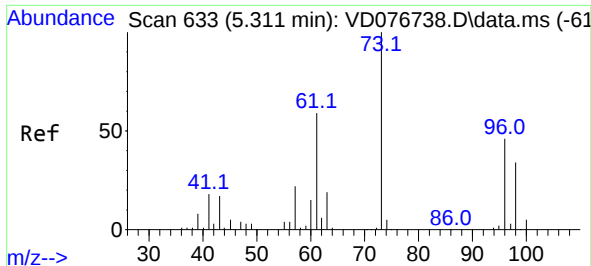
Tgt Ion: 76 Resp: 153425
Ion Ratio Lower Upper
76 100
78 10.6 6.8 10.2#



#18
Methyl Acetate
Concen: 68.134 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 43 Resp: 83048
Ion Ratio Lower Upper
43 100
74 31.1 26.4 39.6

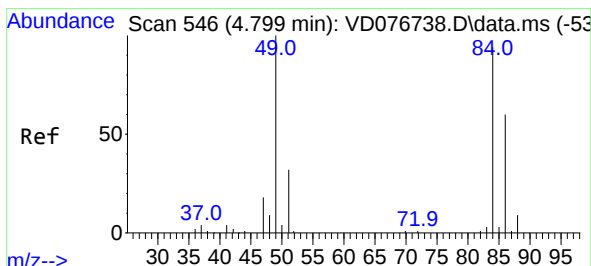
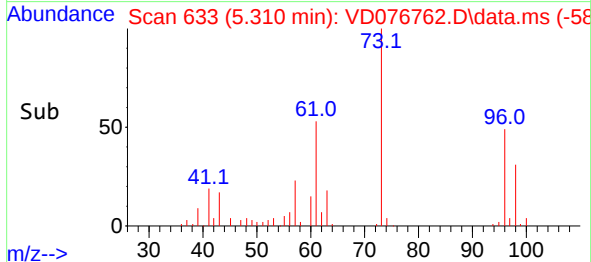
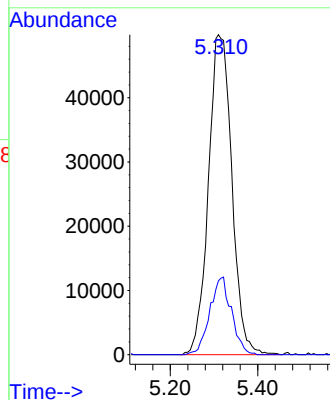
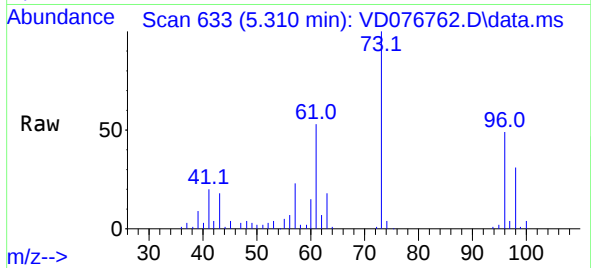




#19
Methyl tert-butyl Ether
Concen: 51.302 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

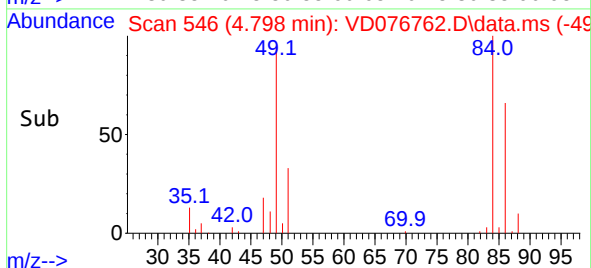
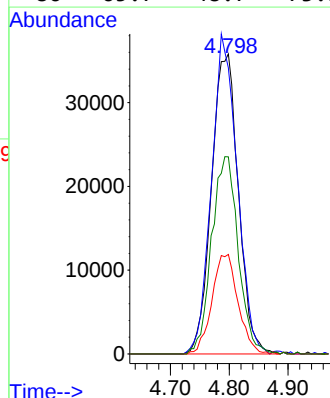
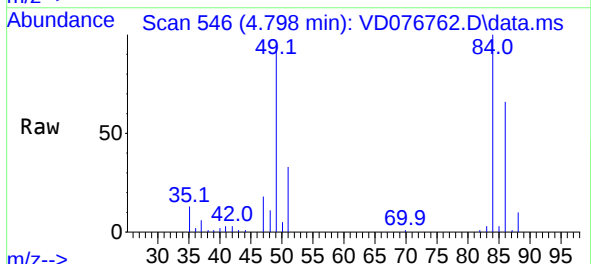
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

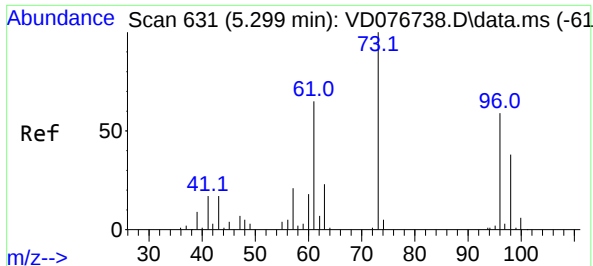
Tgt Ion: 73 Resp: 185410
Ion Ratio Lower Upper
73 100
57 23.1 16.6 25.0



#20
Methylene Chloride
Concen: 61.222 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 84 Resp: 113804
Ion Ratio Lower Upper
84 100
49 95.4 71.4 107.2
51 33.2 24.5 36.7
86 65.7 48.7 73.1

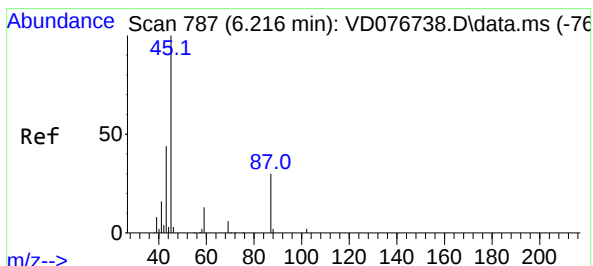
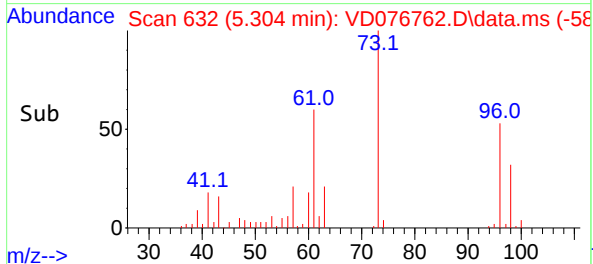
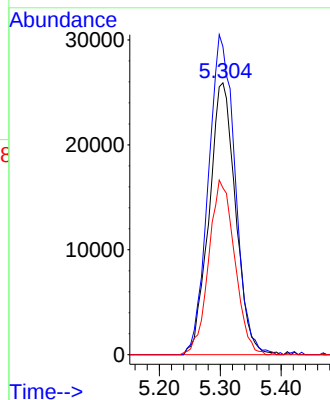
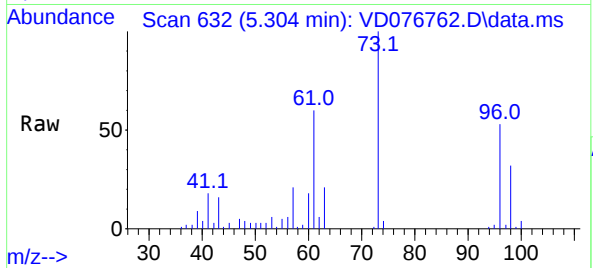




#21
trans-1,2-Dichloroethene
Concen: 50.035 ug/l
RT: 5.304 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

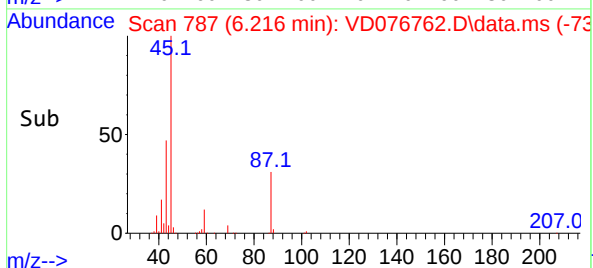
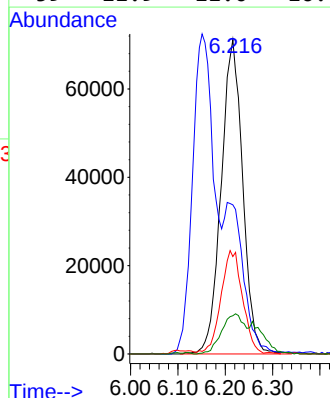
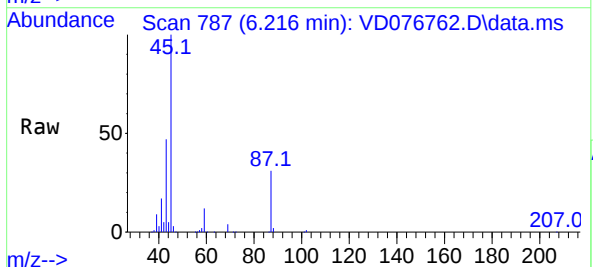
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

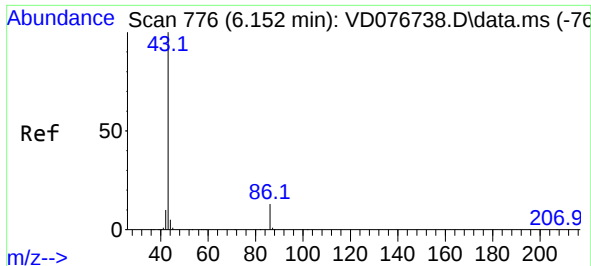
Tgt Ion: 96 Resp: 78383
Ion Ratio Lower Upper
96 100
61 113.3 89.3 133.9
98 61.3 48.6 73.0



#22
Diisopropyl ether
Concen: 53.726 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 45 Resp: 225237
Ion Ratio Lower Upper
45 100
43 46.9 40.0 60.0
87 31.0 28.2 42.4
59 11.9 11.0 16.4

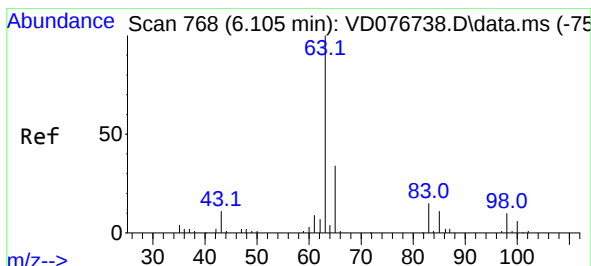
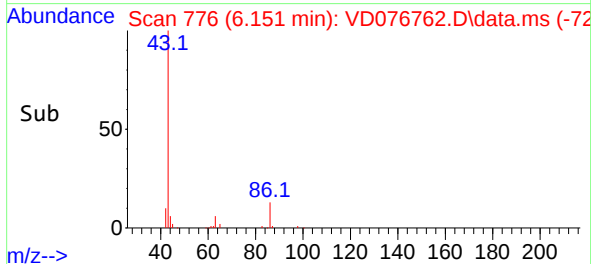
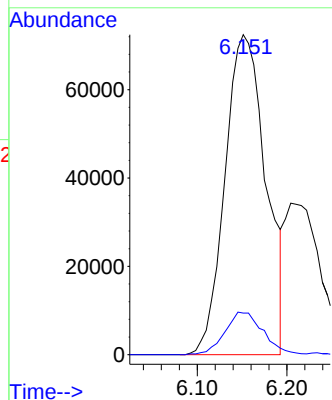
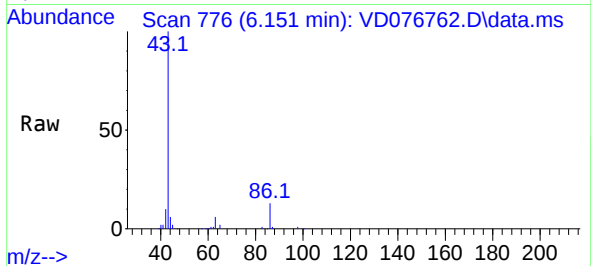




#23
 Vinyl Acetate
 Concen: 110.624 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.001 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

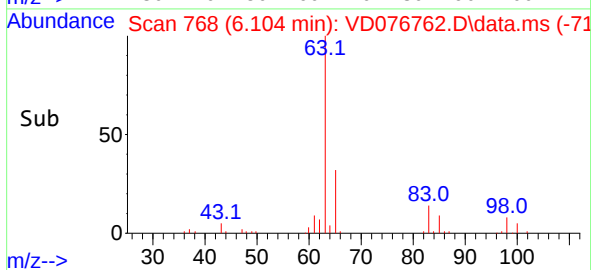
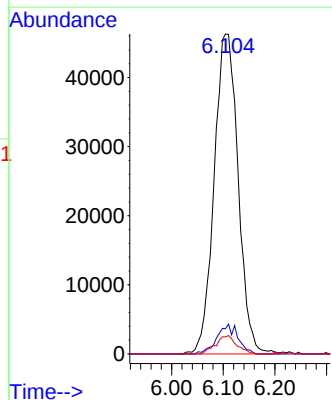
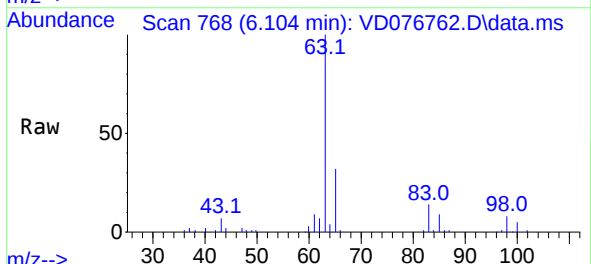
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS

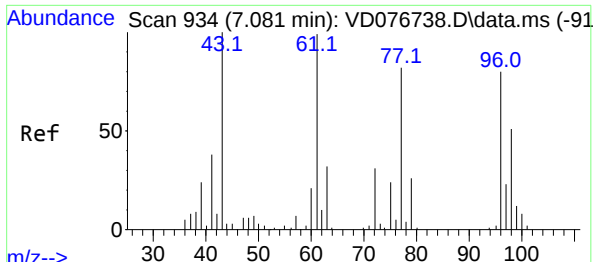
Tgt Ion: 43 Resp: 229466
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 52.807 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.001 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

Tgt Ion: 63 Resp: 149263
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 5.4 2.5 7.5

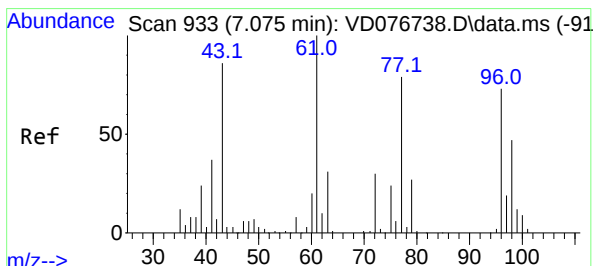
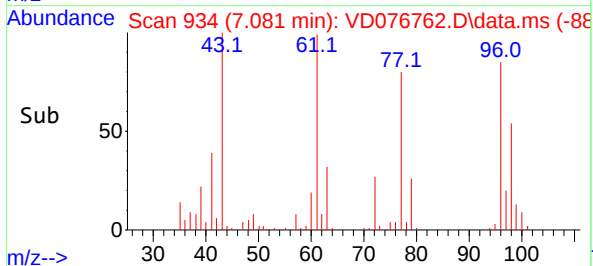
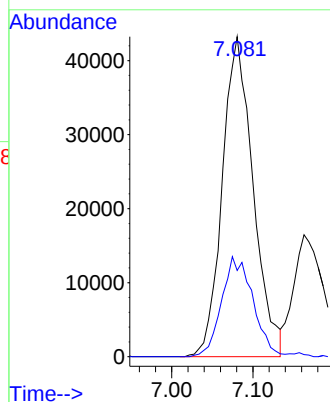
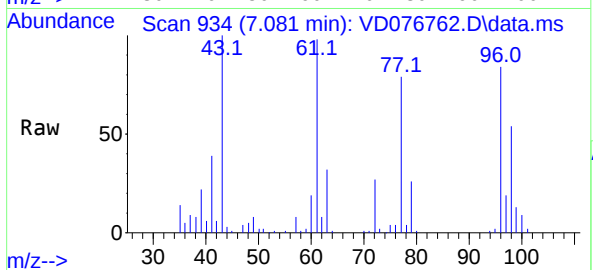




#25
2-Butanone
Concen: 262.810 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

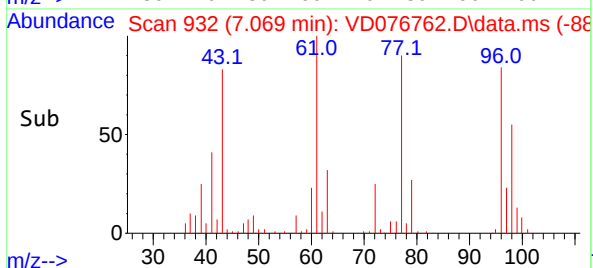
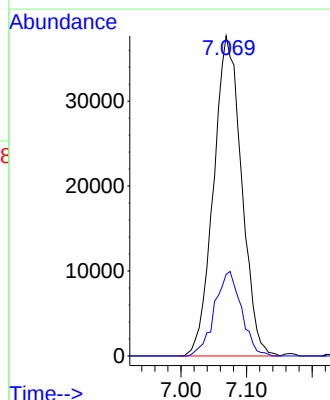
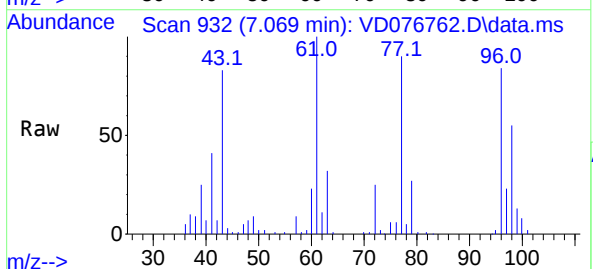
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

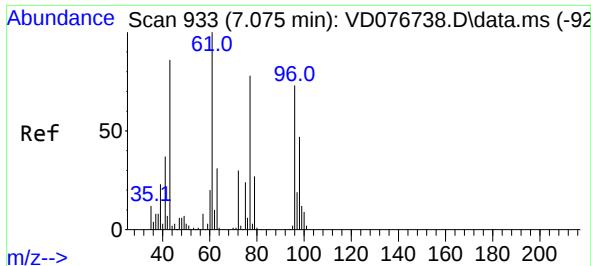
Tgt Ion: 43 Resp: 114110
Ion Ratio Lower Upper
43 100
72 27.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 45.863 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 77 Resp: 111750
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6

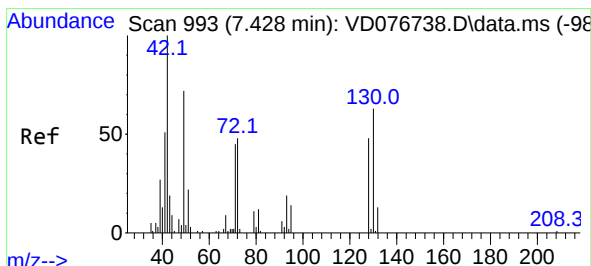
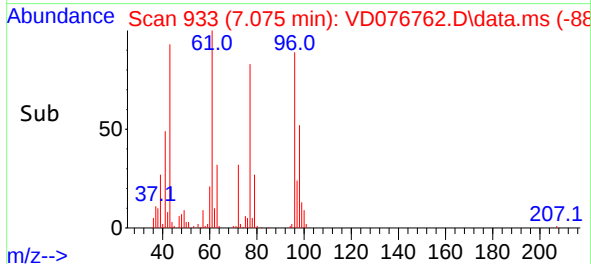
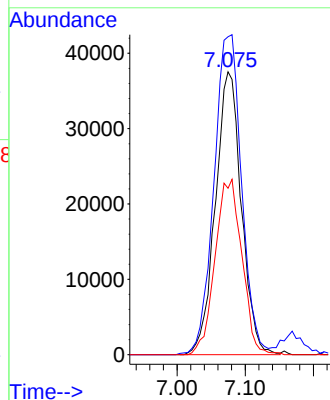
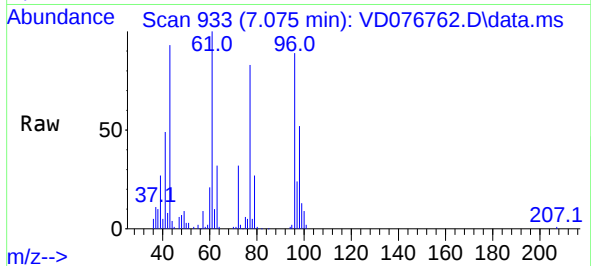




#27
cis-1,2-Dichloroethene
Concen: 51.652 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

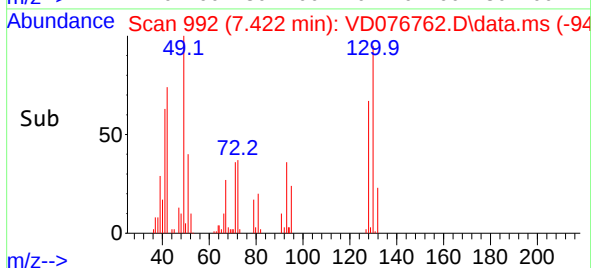
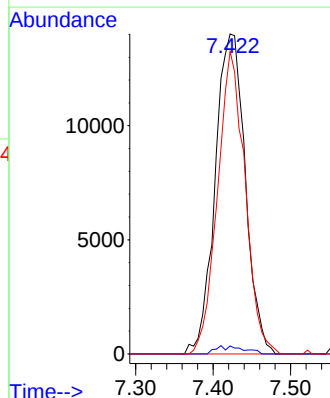
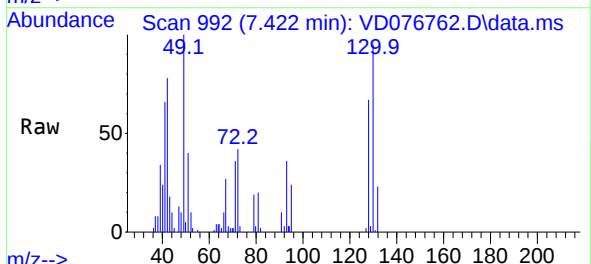
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

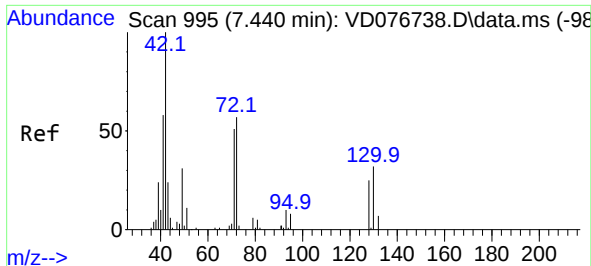
Tgt Ion: 96 Resp: 99749
Ion Ratio Lower Upper
96 100
61 119.9 0.0 239.2
98 63.9 0.0 128.6



#28
Bromochloromethane
Concen: 53.570 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

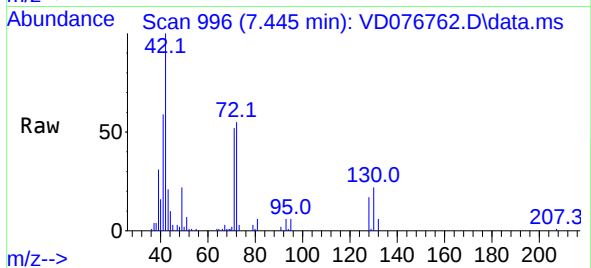
Tgt Ion: 49 Resp: 37857
Ion Ratio Lower Upper
49 100
129 0.9 0.0 6.0
130 86.5 83.2 124.8



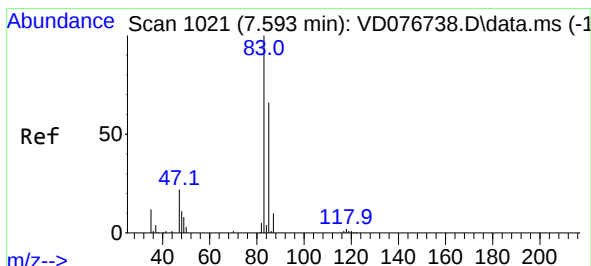
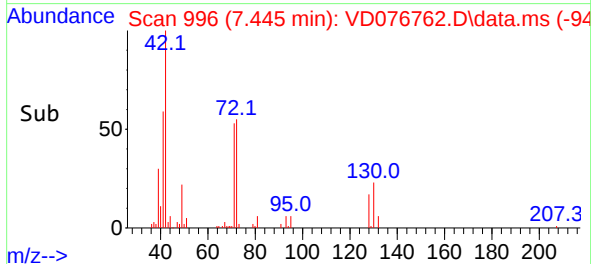
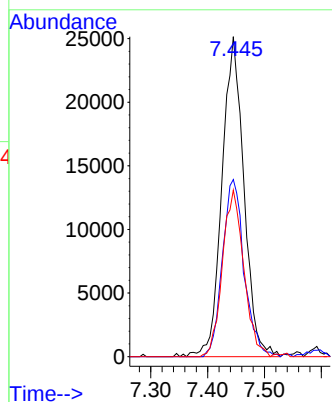


#29
Tetrahydrofuran
Concen: 262.757 ug/l
RT: 7.445 min Scan# 995
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

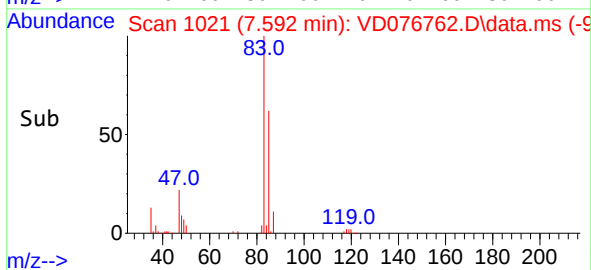
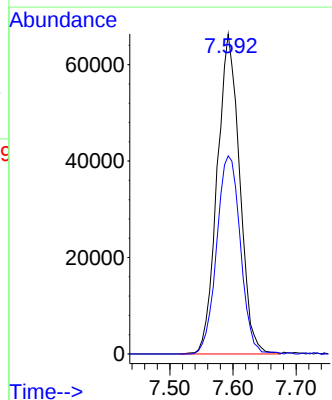
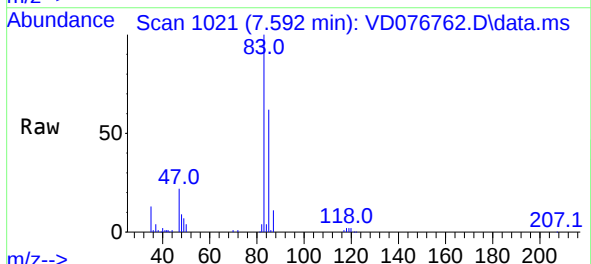


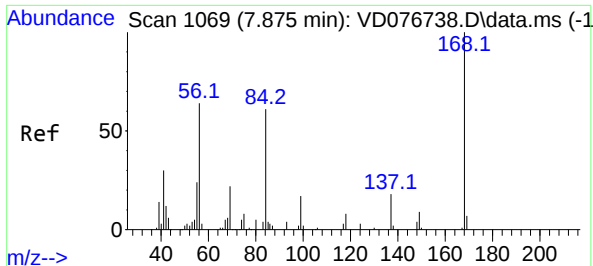
Tgt Ion: 42 Resp: 67407
Ion Ratio Lower Upper
42 100
72 54.8 46.5 69.7
71 50.7 44.5 66.7



#30
Chloroform
Concen: 52.923 ug/l
RT: 7.592 min Scan# 1021
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 83 Resp: 163843
Ion Ratio Lower Upper
83 100
85 61.9 53.4 80.2

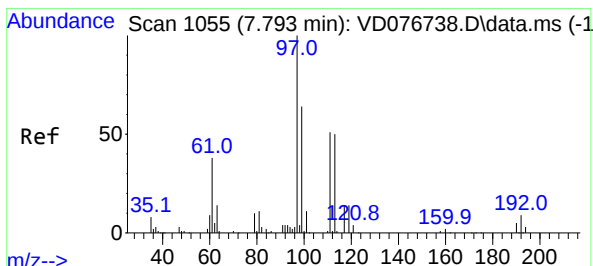
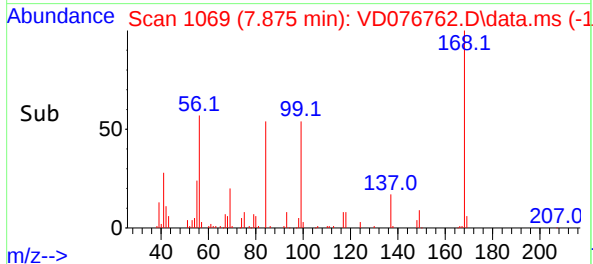
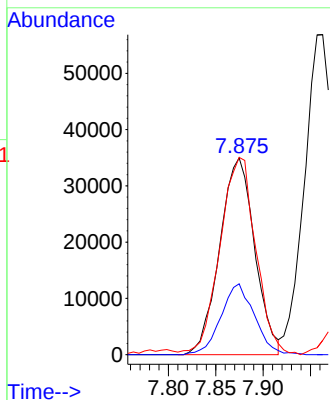
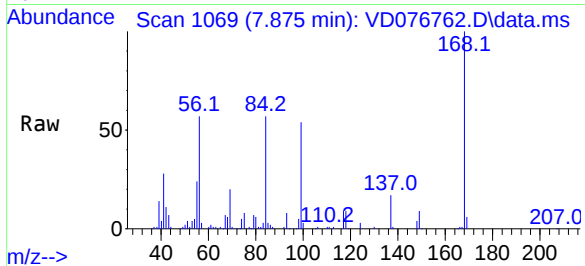




#31
Cyclohexane
Concen: 44.995 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

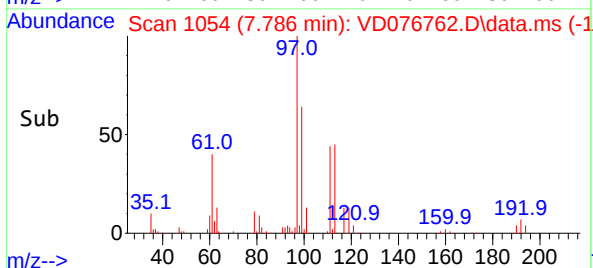
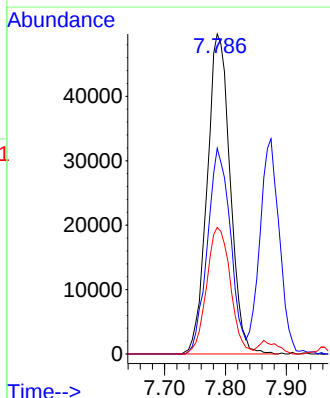
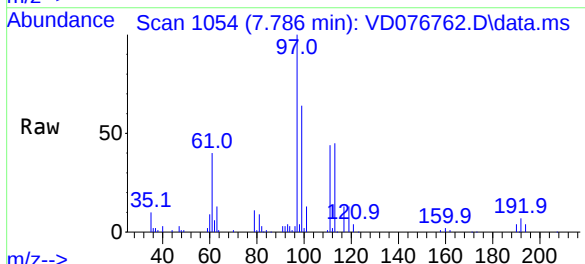
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

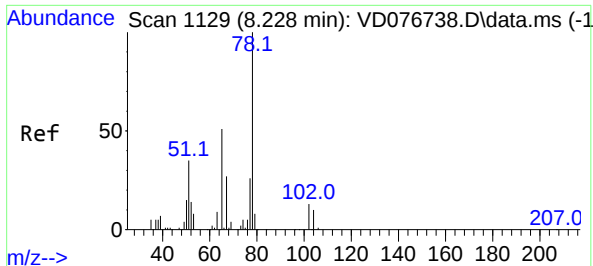
Tgt Ion: 56 Resp: 89954
Ion Ratio Lower Upper
56 100
69 36.0 28.6 43.0
84 99.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 52.185 ug/l
RT: 7.786 min Scan# 1054
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 97 Resp: 130350
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 40.8 33.8 50.8

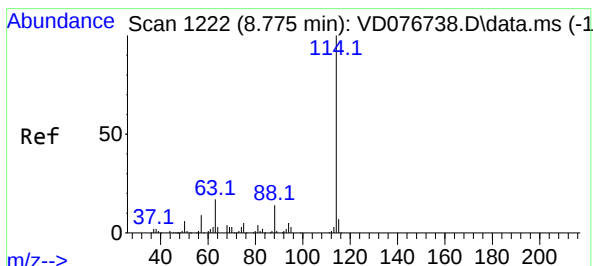
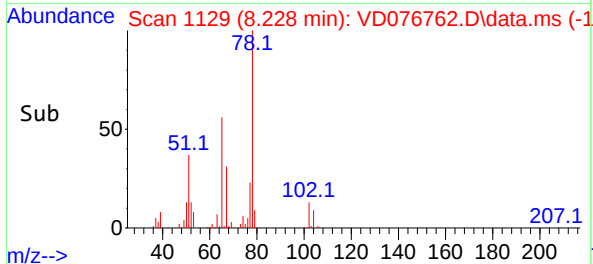
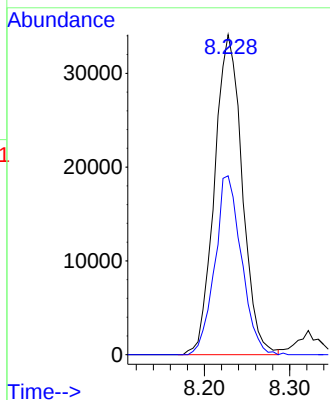
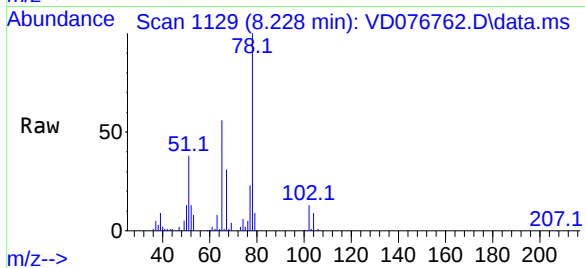




#33
1,2-Dichloroethane-d4
Concen: 56.739 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

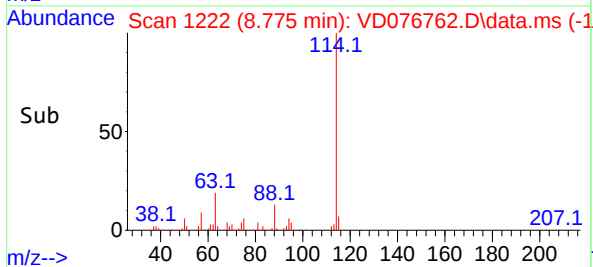
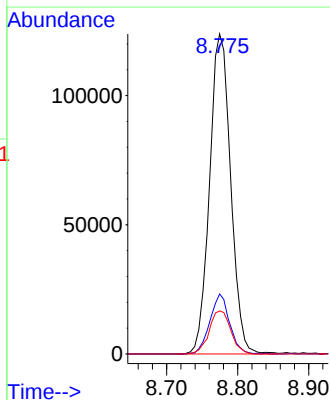
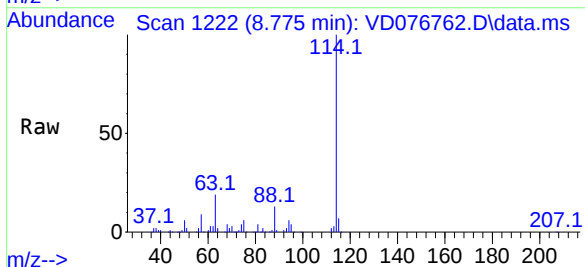
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

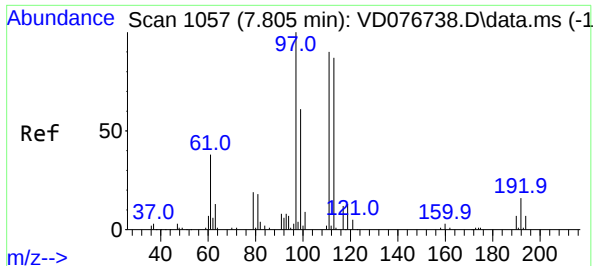
Tgt Ion: 65 Resp: 77077
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 114 Resp: 255118
Ion Ratio Lower Upper
114 100
63 18.7 0.0 33.4
88 13.4 0.0 26.2

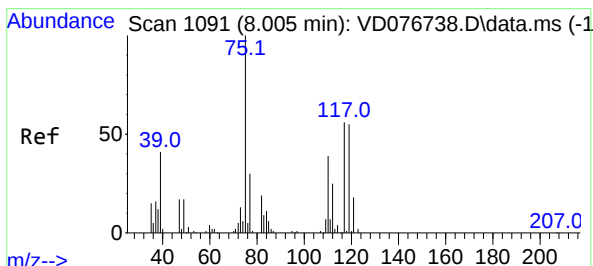
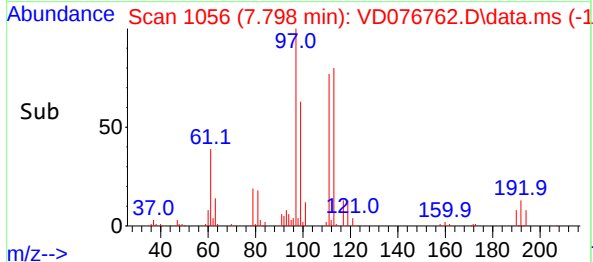
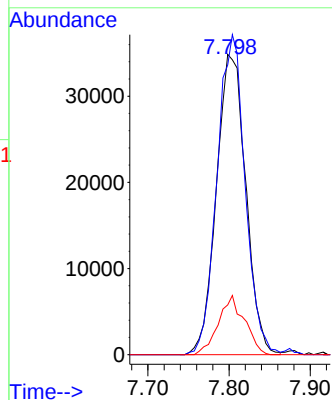
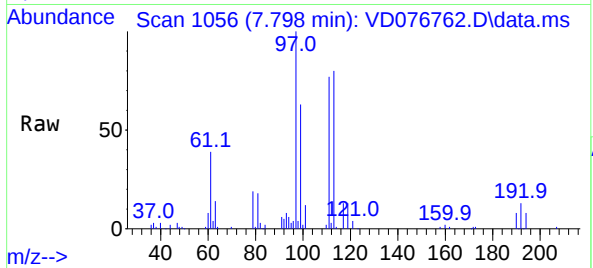




#35
Dibromofluoromethane
Concen: 54.737 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

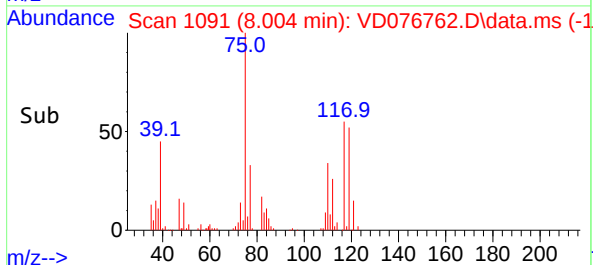
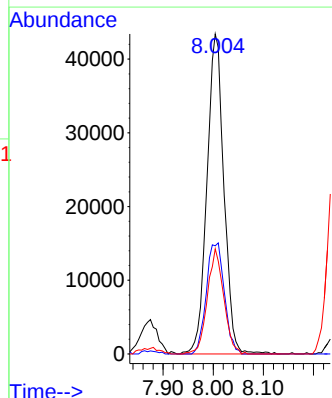
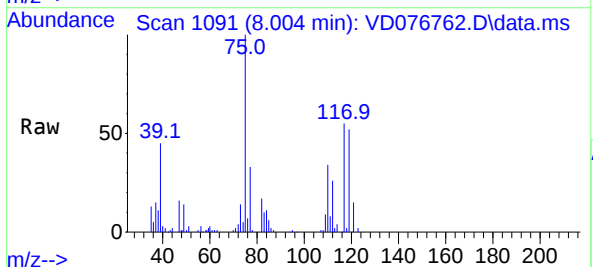
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

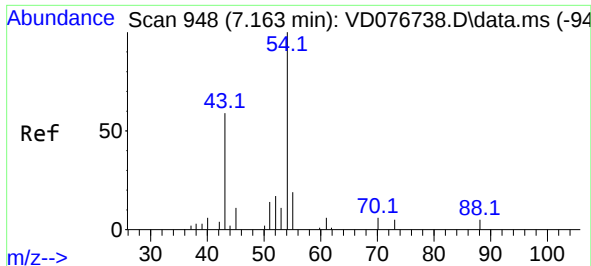
Tgt Ion:113 Resp: 87753
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 17.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 48.765 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 75 Resp: 102159
Ion Ratio Lower Upper
75 100
110 36.9 19.9 59.6
77 31.7 24.7 37.1

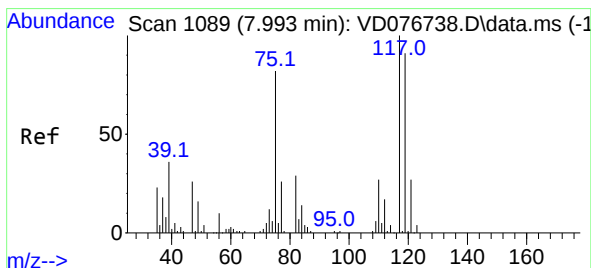
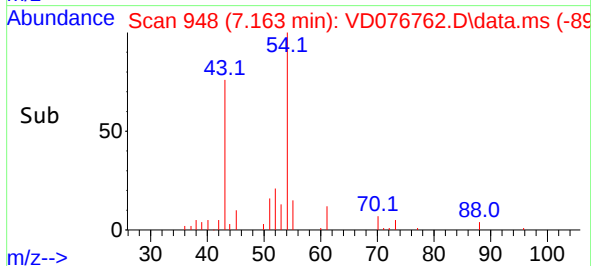
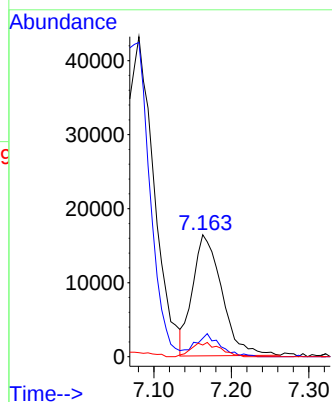
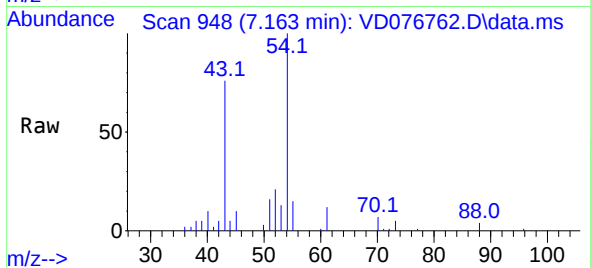




#37
Ethyl Acetate
Concen: 45.863 ug/l
RT: 7.163 min Scan# 948
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

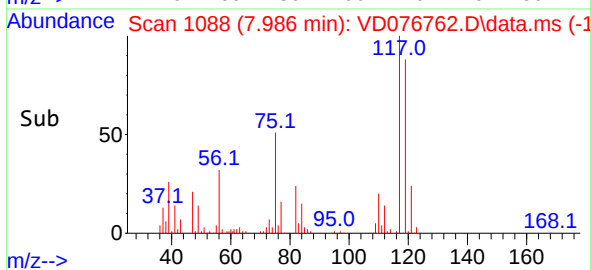
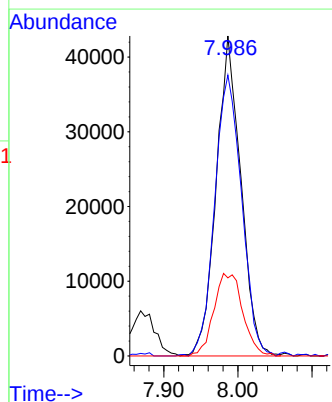
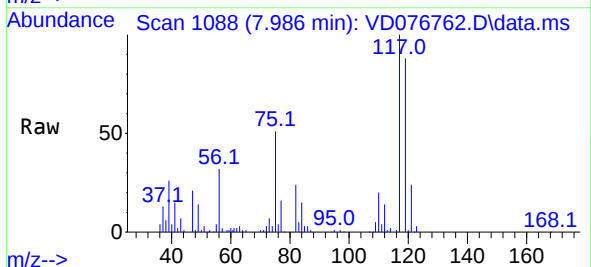
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

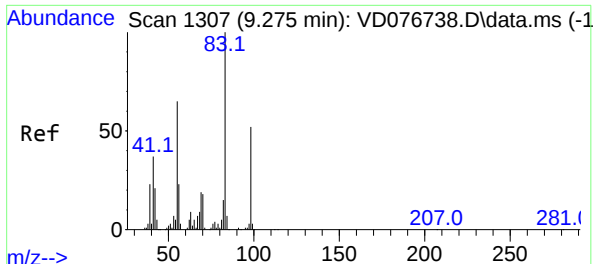
Tgt Ion:	43	Resp:	42968
Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.9	22.3
70	11.3	10.0	15.0



#38
Carbon Tetrachloride
Concen: 49.239 ug/l
RT: 7.986 min Scan# 1088
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:	117	Resp:	98769
Ion	Ratio	Lower	Upper
117	100		
119	87.3	78.0	117.0
121	24.4	24.2	36.2

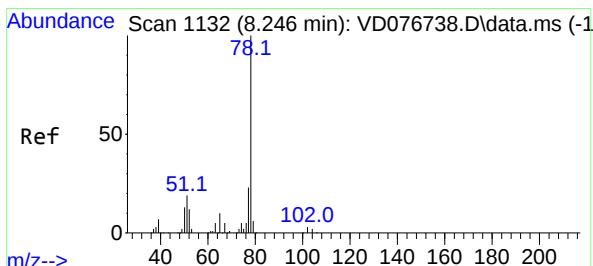
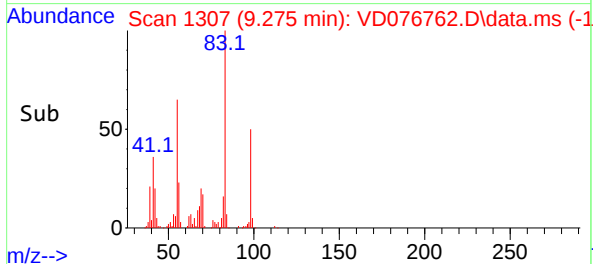
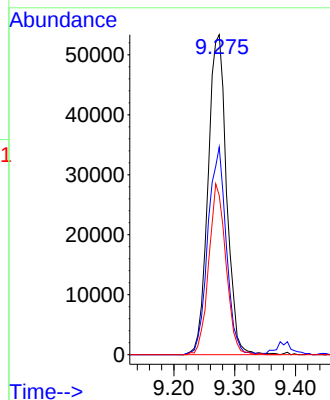
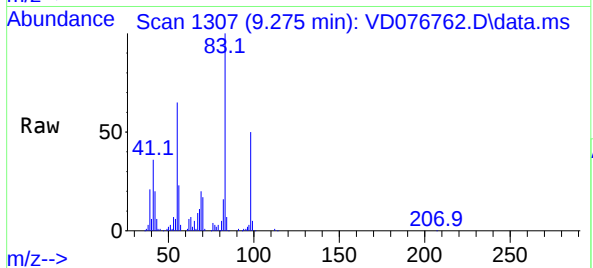




#39
Methylcyclohexane
Concen: 46.686 ug/l
RT: 9.275 min Scan# 112929
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

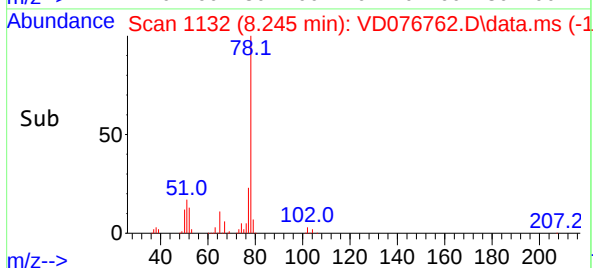
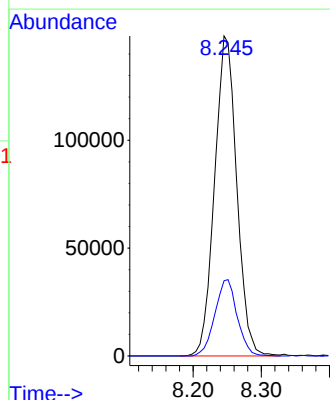
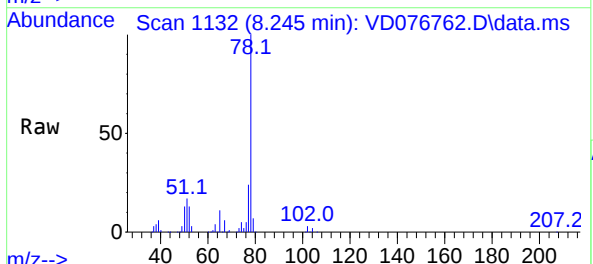
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

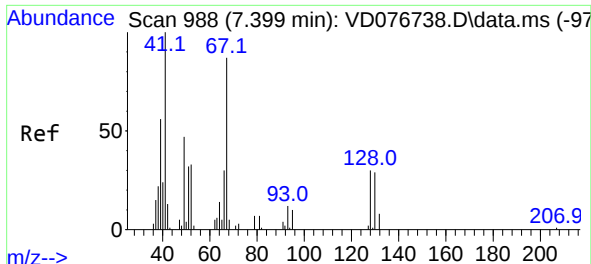
Tgt Ion:	83	Resp:	112929
Ion	Ratio	Lower	Upper
83	100		
55	64.9	49.4	74.0
98	49.8	38.4	57.6



#40
Benzene
Concen: 50.759 ug/l
RT: 8.245 min Scan# 1132
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:	78	Resp:	335519
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0



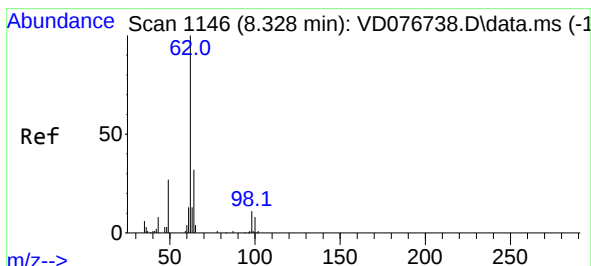
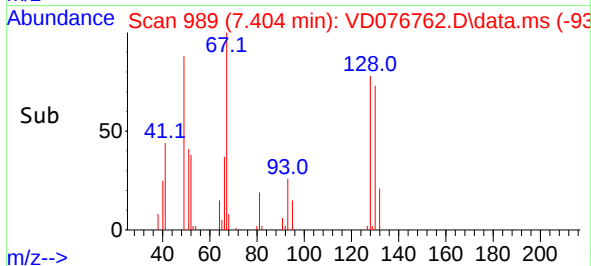
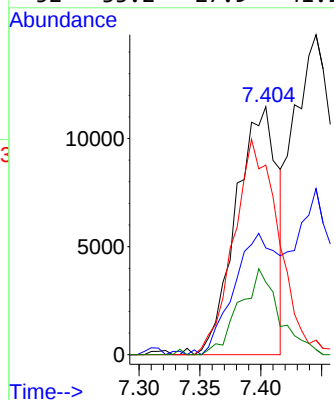
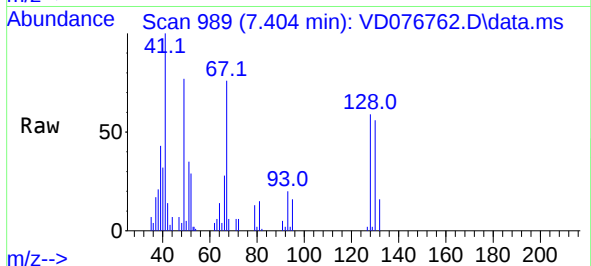


#41
Methacrylonitrile
Concen: 47.465 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion: 41 Resp: 27155

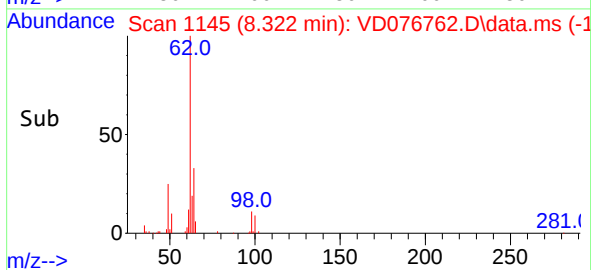
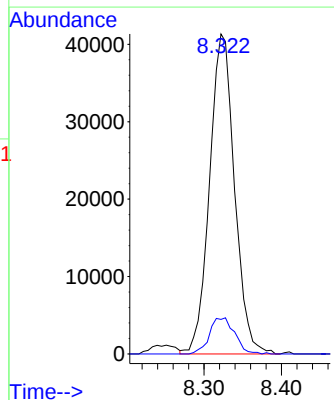
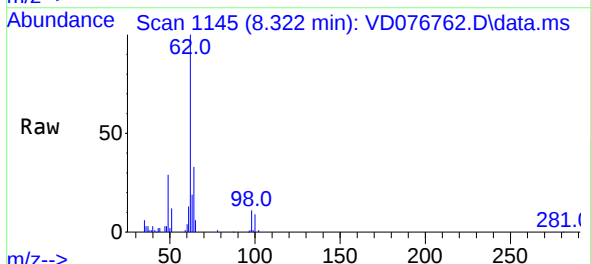
Ion	Ratio	Lower	Upper
41	100		
39	51.4	34.0	51.0#
67	94.2	77.0	115.4
52	33.2	27.9	41.9

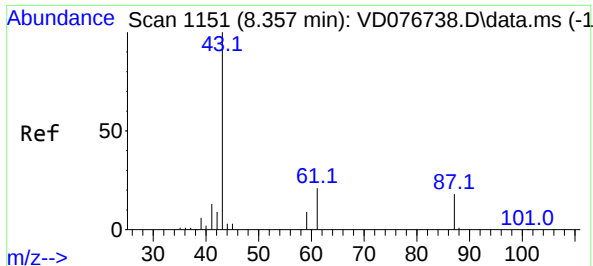


#42
1,2-Dichloroethane
Concen: 53.868 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 62 Resp: 92516

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	25.4

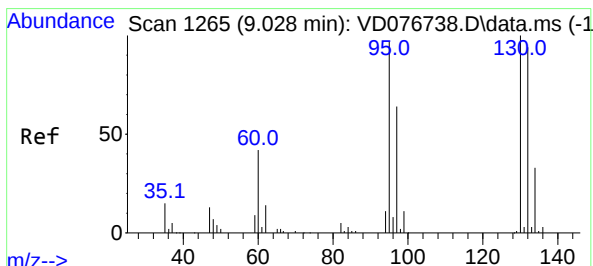
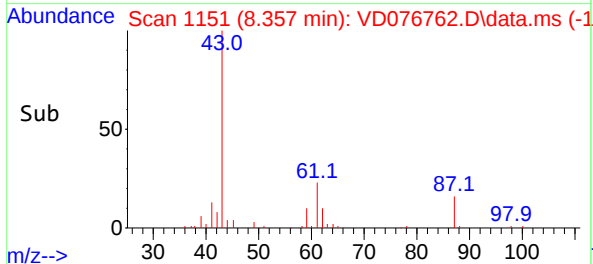
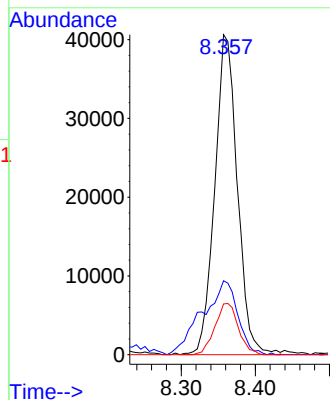
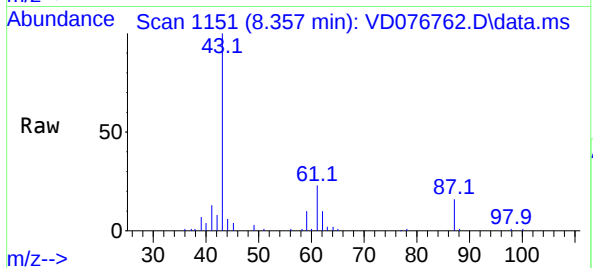




#43
Isopropyl Acetate
Concen: 47.074 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

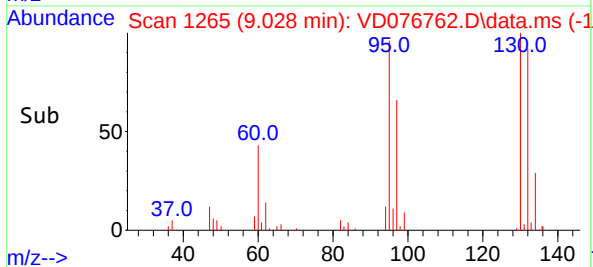
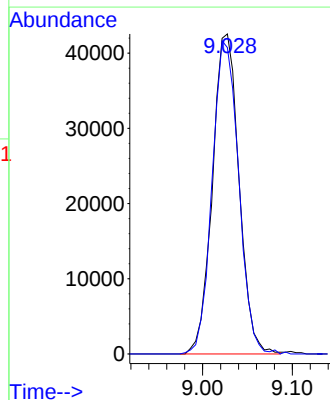
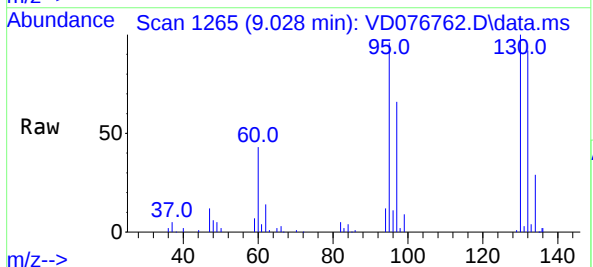
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

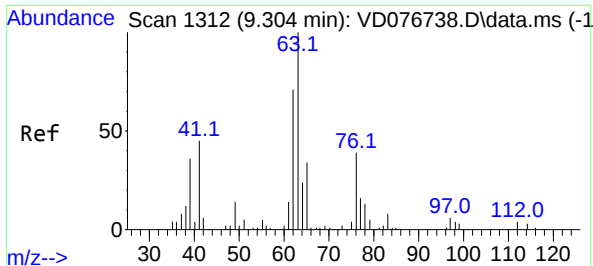
Tgt Ion: 43 Resp: 86070
Ion Ratio Lower Upper
43 100
61 36.1 31.4 47.0
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 48.529 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 130 Resp: 87411
Ion Ratio Lower Upper
130 100
95 95.8 0.0 179.2

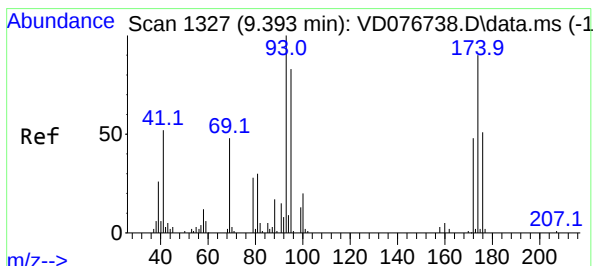
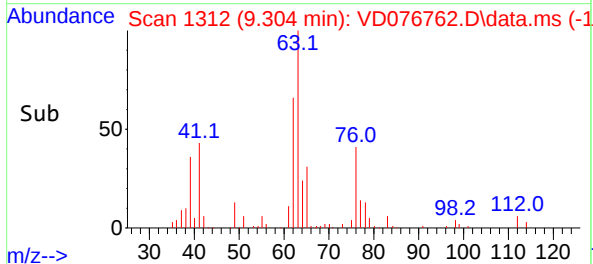
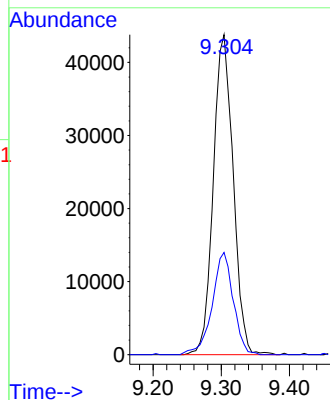
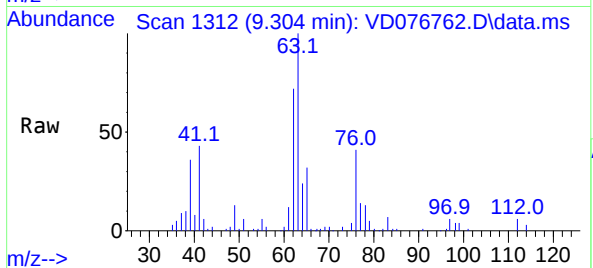




#45
1,2-Dichloropropane
Concen: 52.056 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

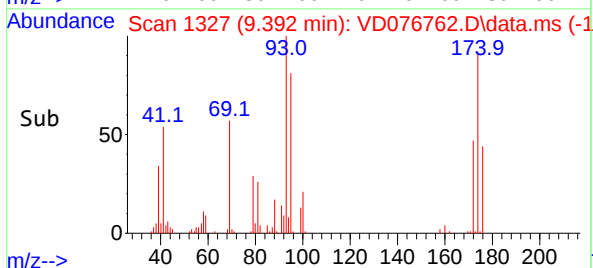
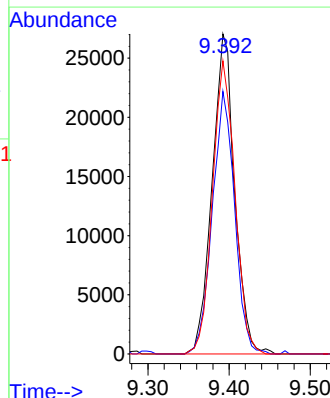
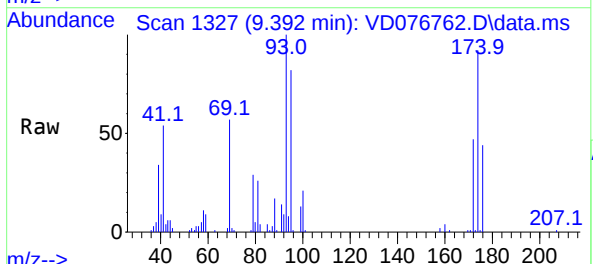
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

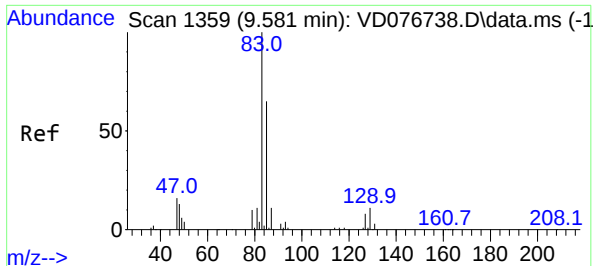
Tgt Ion: 63 Resp: 88821
Ion Ratio Lower Upper
63 100
65 31.9 24.5 36.7



#46
Dibromomethane
Concen: 52.120 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 93 Resp: 52055
Ion Ratio Lower Upper
93 100
95 81.3 67.7 101.5
174 91.6 85.4 128.2





#47

Bromodichloromethane

Concen: 50.625 ug/l

RT: 9.586 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

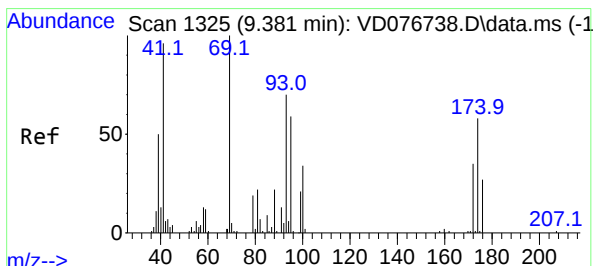
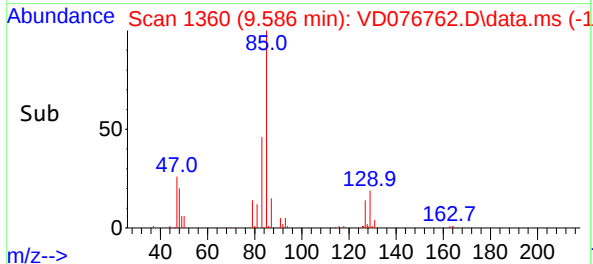
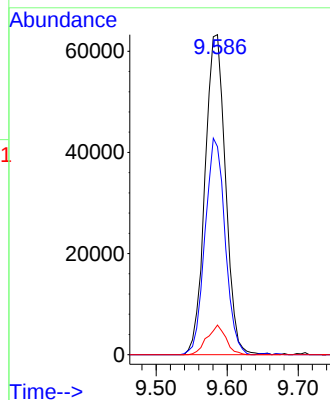
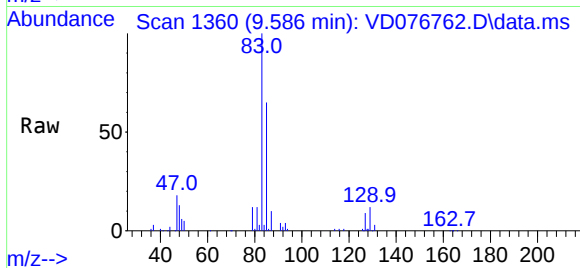
Tgt Ion: 83 Resp: 126882

Ion Ratio Lower Upper

83 100

85 65.0 50.2 75.4

127 9.3 6.3 9.5



#48

Methyl methacrylate

Concen: 51.784 ug/l

RT: 9.380 min Scan# 1325

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

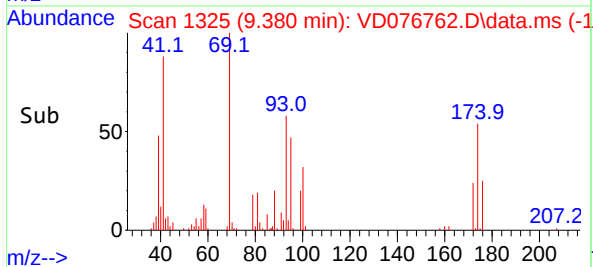
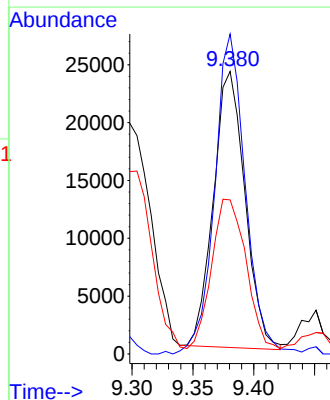
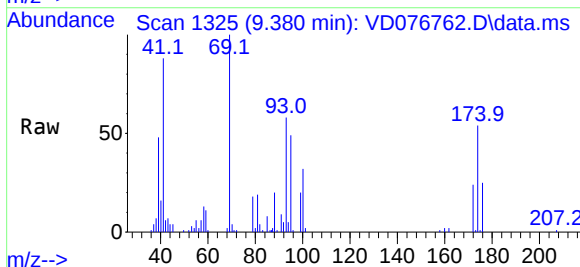
Tgt Ion: 41 Resp: 43093

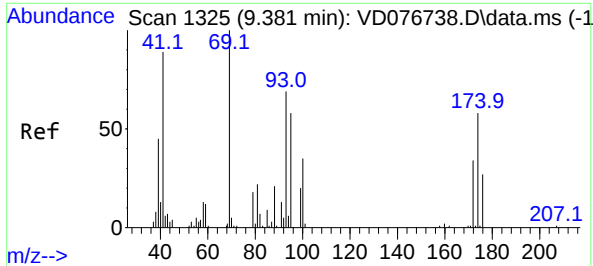
Ion Ratio Lower Upper

41 100

69 113.1 102.2 153.2

39 63.3 41.4 62.2#



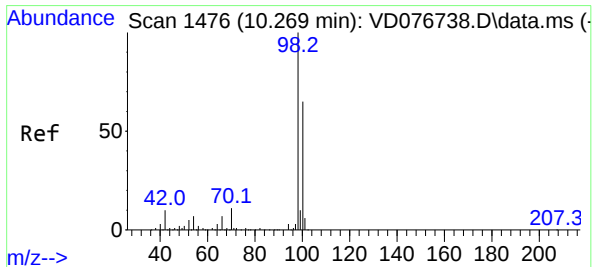
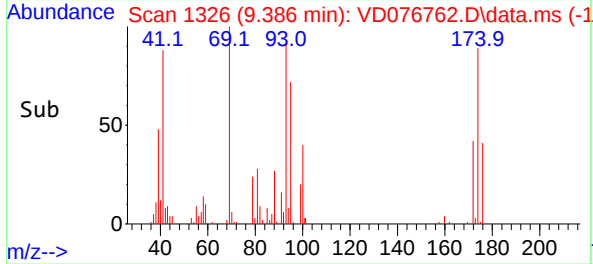
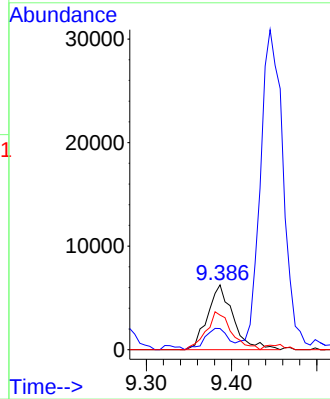
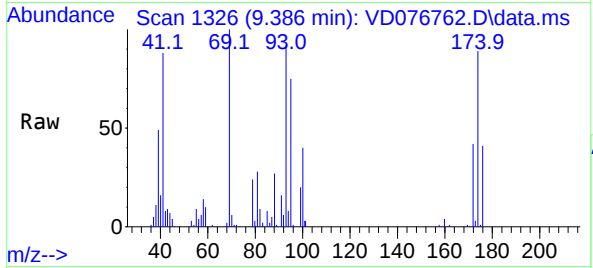


#49
1,4-Dioxane
Concen: 1018.827 ug/l
RT: 9.386 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion: 88 Resp: 13037

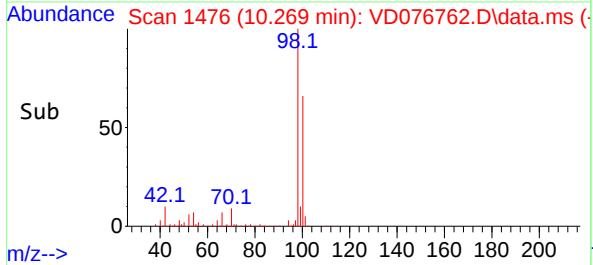
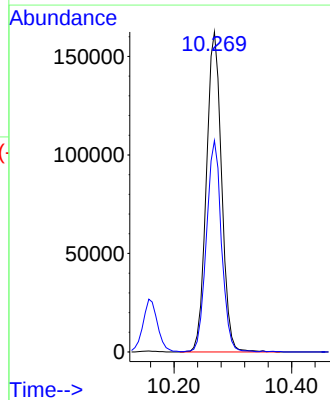
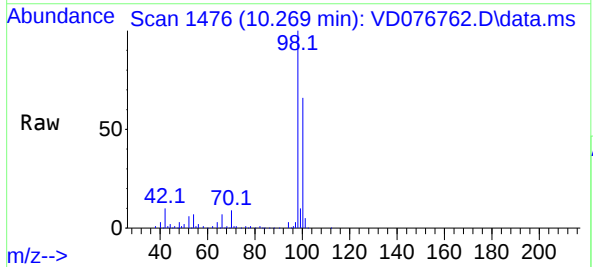
Ion	Ratio	Lower	Upper
88	100		
43	30.0	19.0	28.6#
58	56.8	43.5	65.3

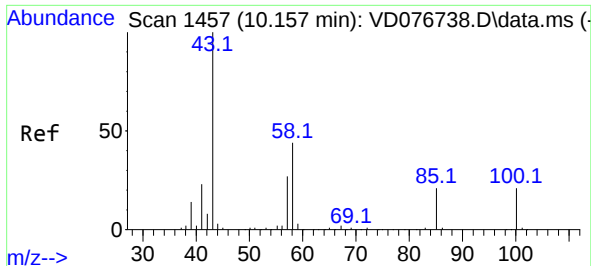


#50
Toluene-d8
Concen: 50.761 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 98 Resp: 291124

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.3	75.5

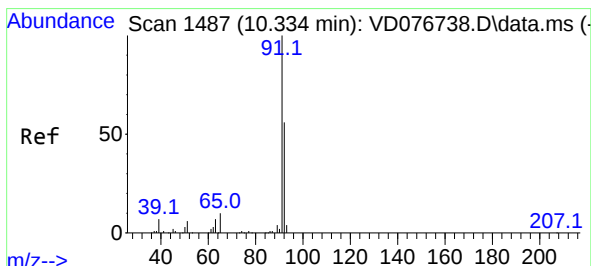
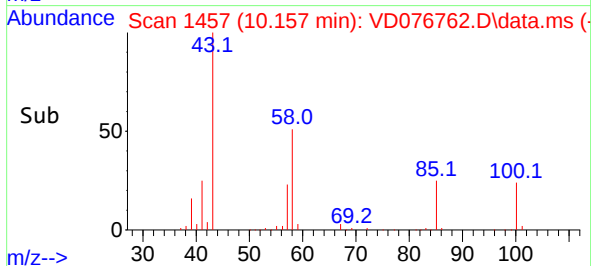
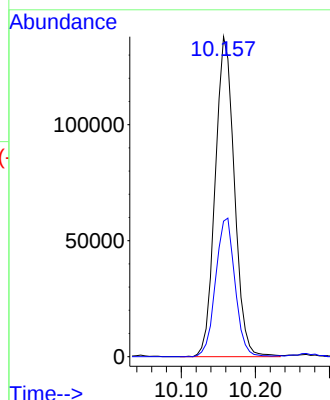
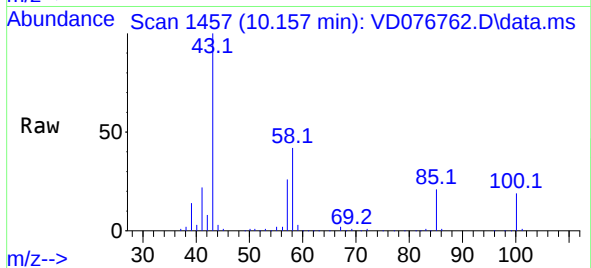




#51
4-Methyl-2-Pentanone
Concen: 254.571 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

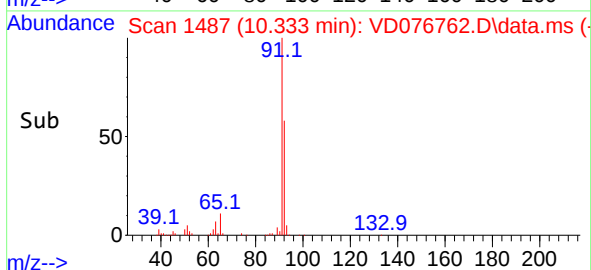
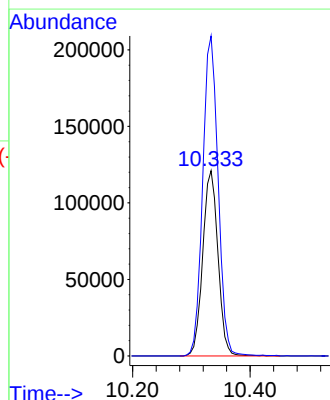
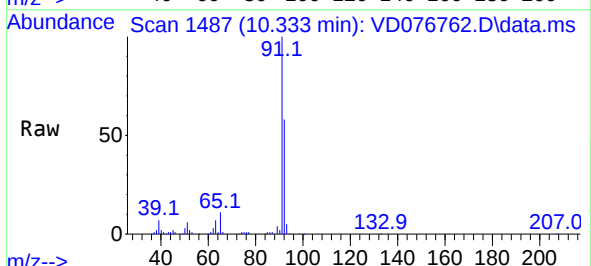
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

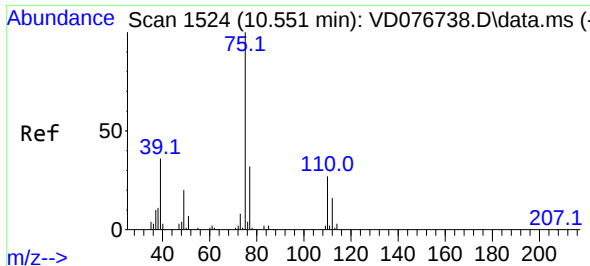
Tgt Ion: 43 Resp: 247823
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3



#52
Toluene
Concen: 50.133 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 92 Resp: 217641
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4

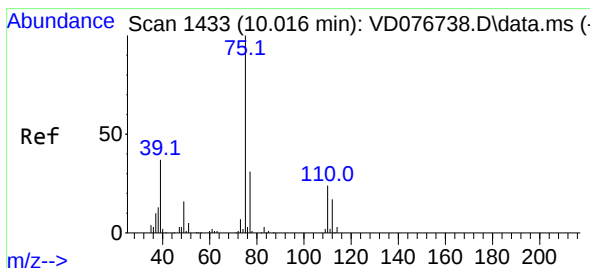
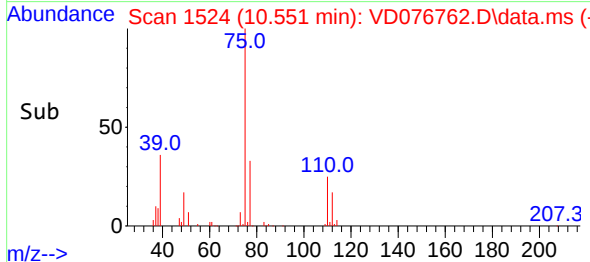
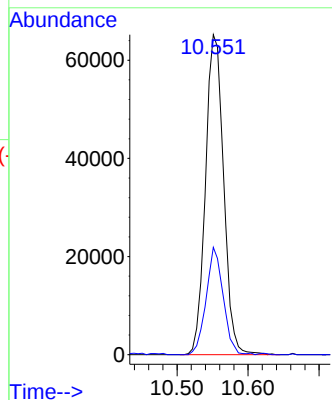
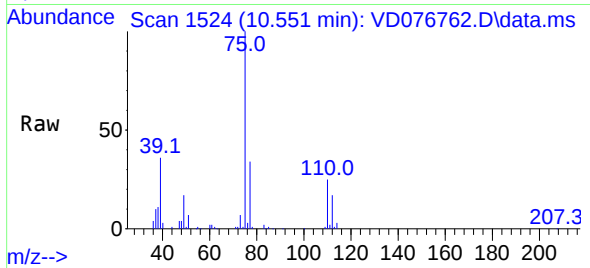




#53
t-1,3-Dichloropropene
Concen: 49.788 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

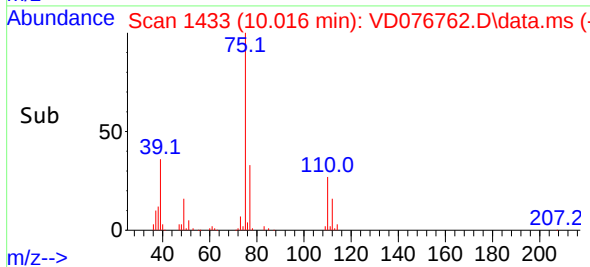
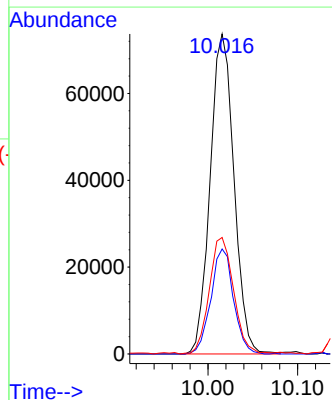
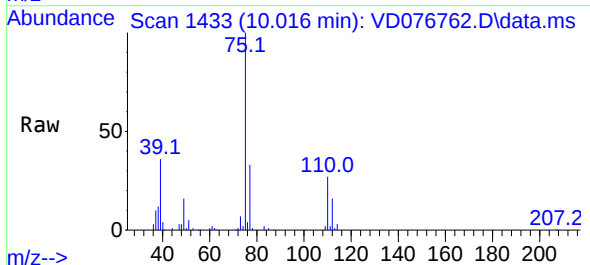
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

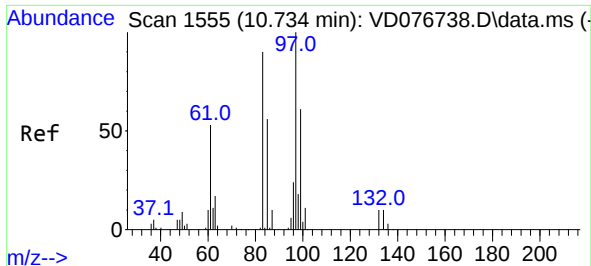
Tgt Ion: 75 Resp: 115824
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 49.627 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 75 Resp: 136063
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 36.4 22.1 33.1#

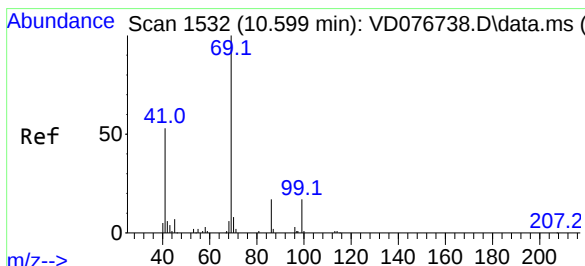
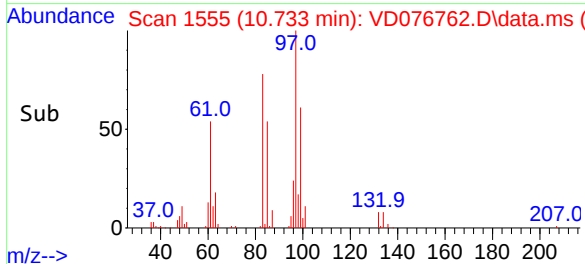
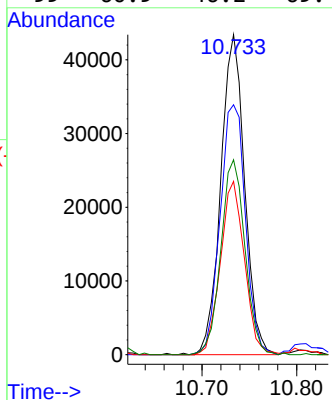
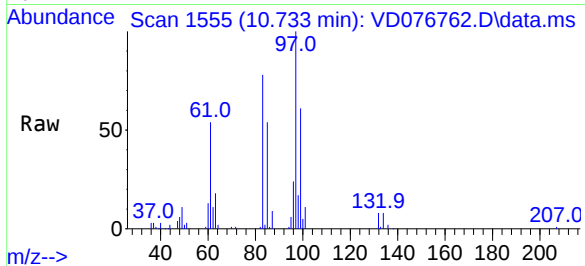




#55
1,1,2-Trichloroethane
Concen: 52.055 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

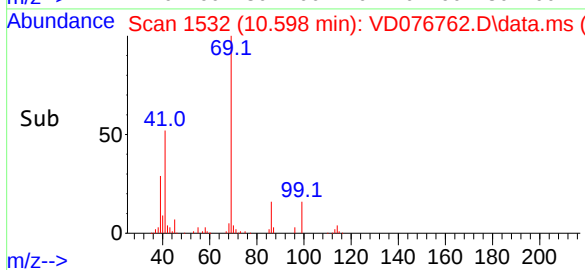
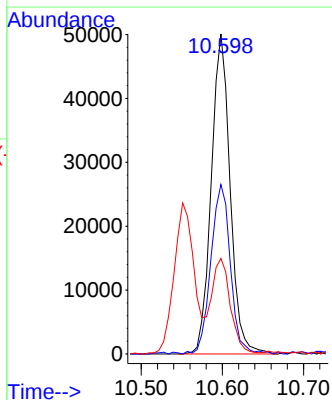
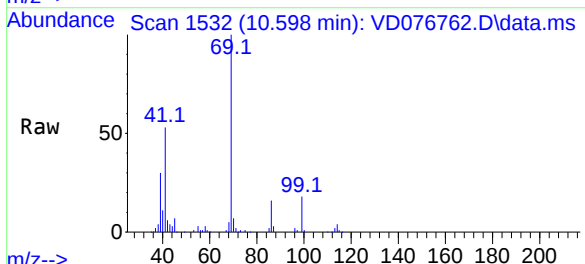
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

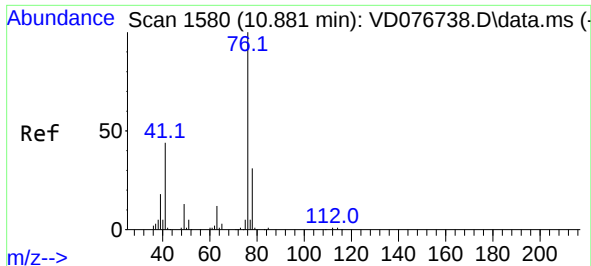
Tgt Ion:	97	Resp:	75918
Ion	Ratio	Lower	Upper
97	100		
83	78.1	65.8	98.6
85	54.2	45.7	68.5
99	60.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 47.990 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:	69	Resp:	80783
Ion	Ratio	Lower	Upper
69	100		
41	55.0	39.1	58.7
39	30.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 50.467 ug/l

RT: 10.880 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

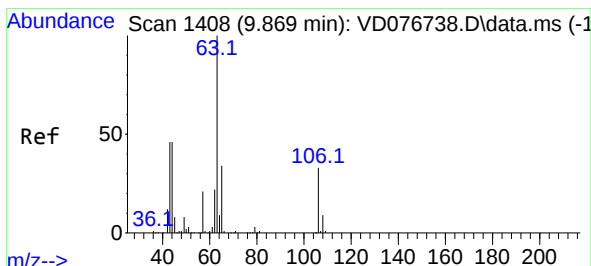
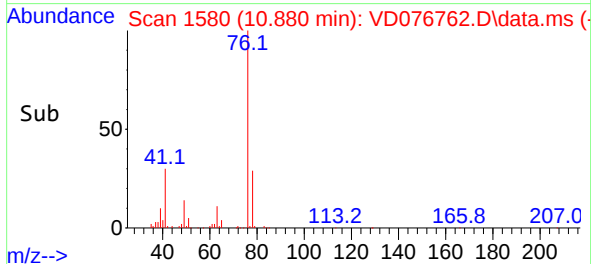
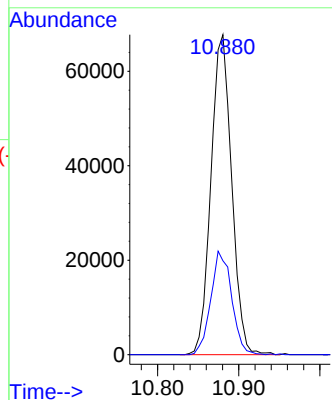
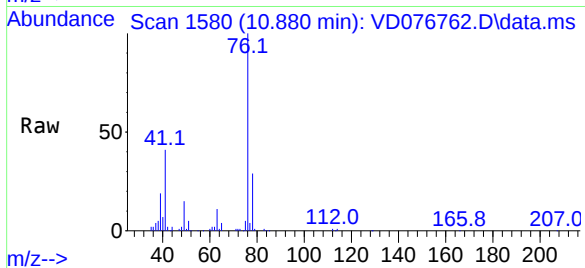
SB-04-(1-5)MS

Tgt Ion: 76 Resp: 119864

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 221.918 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076762.D

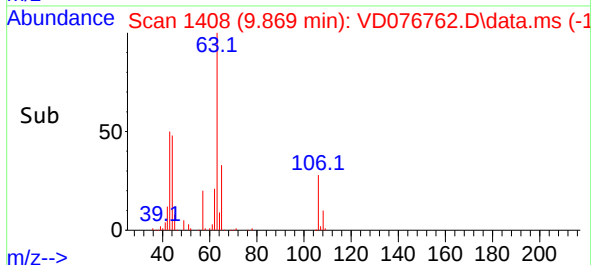
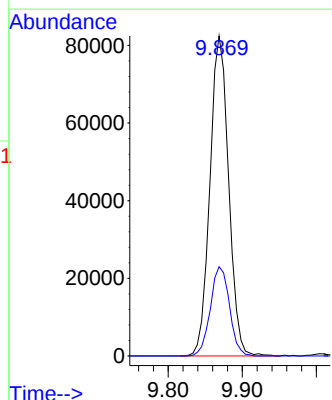
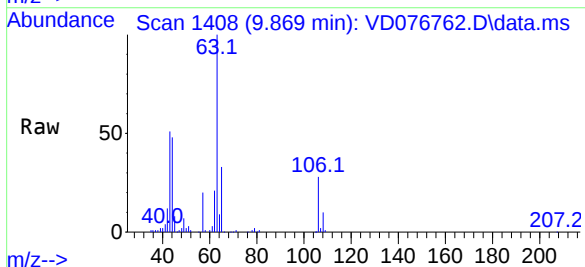
Acq: 17 Jul 2023 18:48

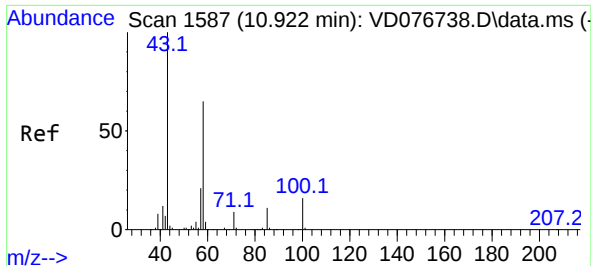
Tgt Ion: 63 Resp: 144596

Ion Ratio Lower Upper

63 100

106 28.5 25.3 37.9

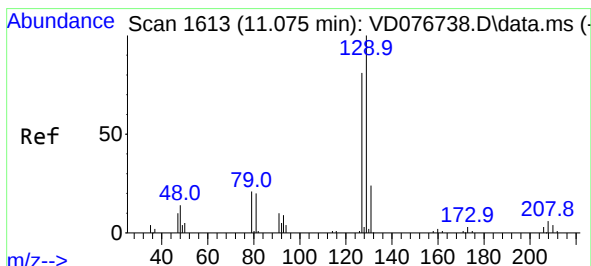
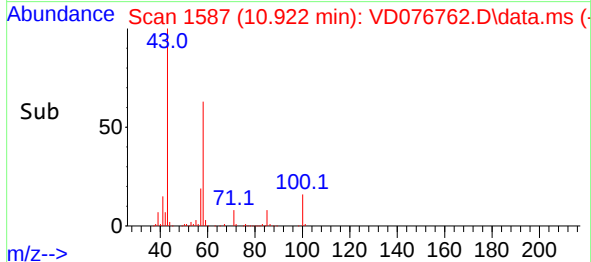
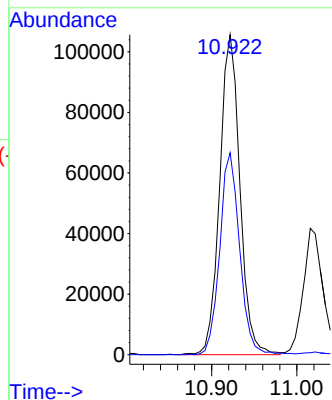
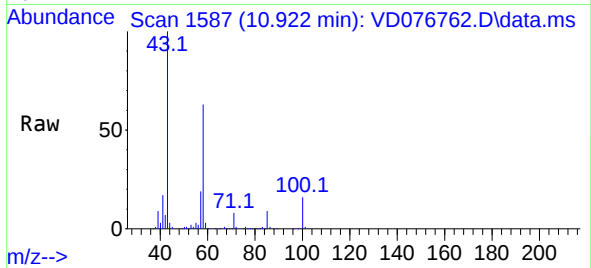




#59
2-Hexanone
Concen: 250.895 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

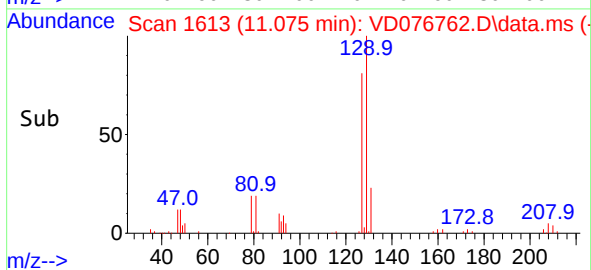
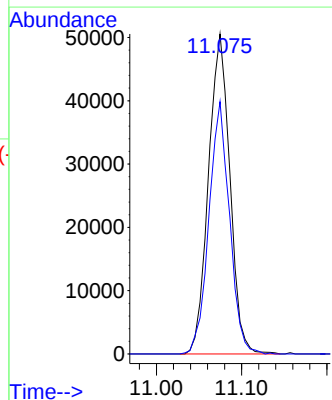
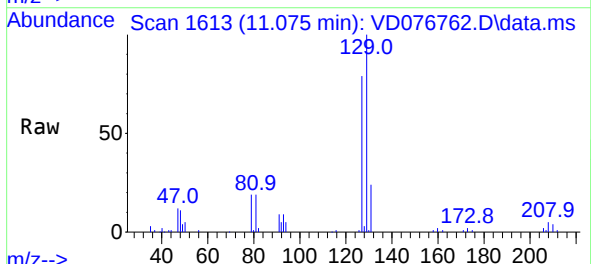
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

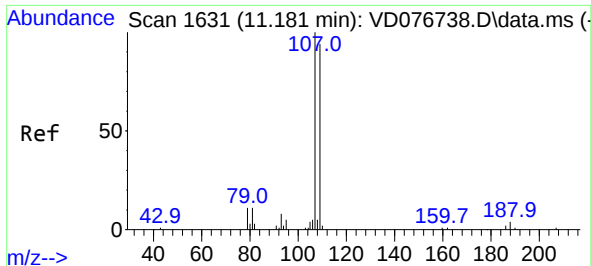
Tgt Ion: 43 Resp: 174279
Ion Ratio Lower Upper
43 100
58 62.2 34.1 102.2



#60
Dibromochloromethane
Concen: 52.110 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:129 Resp: 88288
Ion Ratio Lower Upper
129 100
127 76.2 37.1 111.5

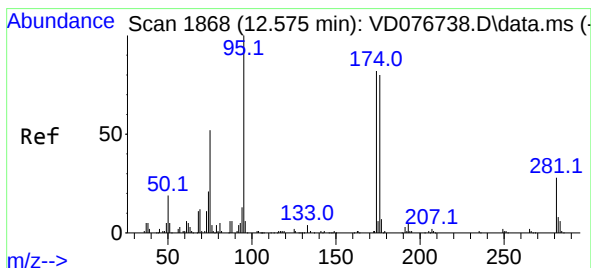
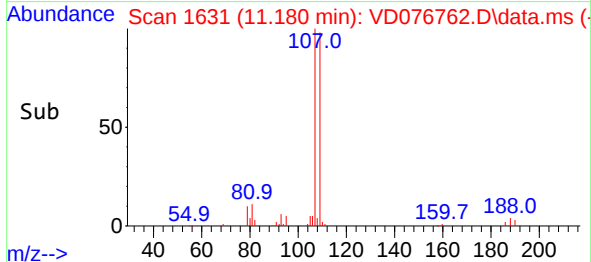
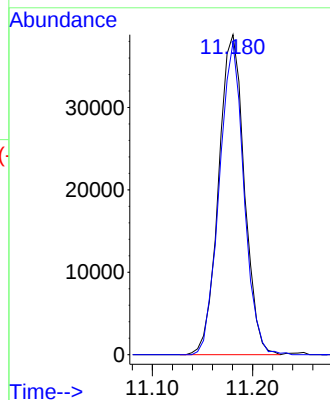
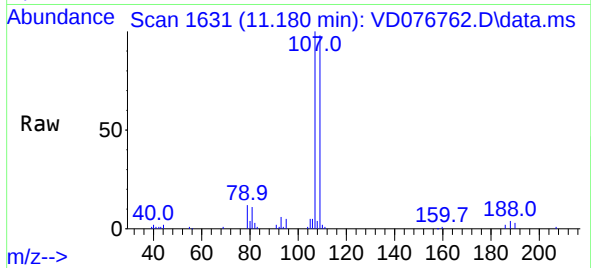




#61
1,2-Dibromoethane
Concen: 51.059 ug/l
RT: 11.180 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

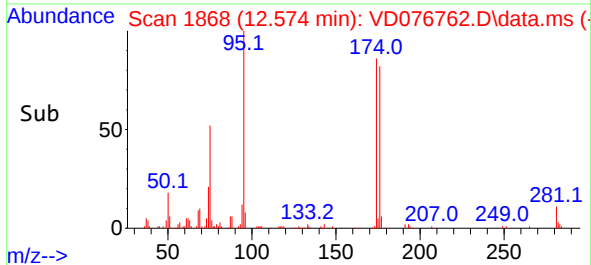
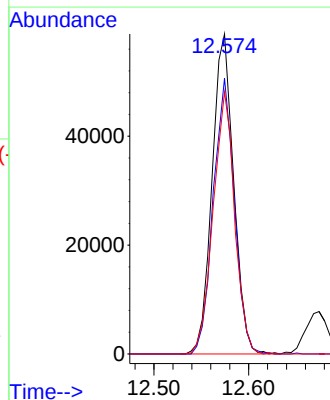
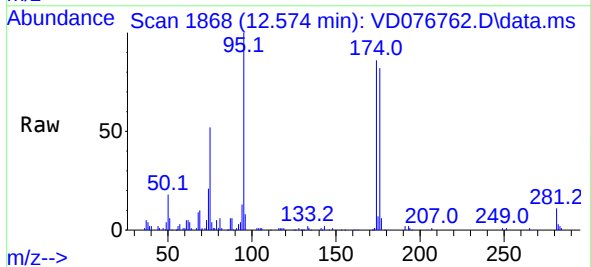
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

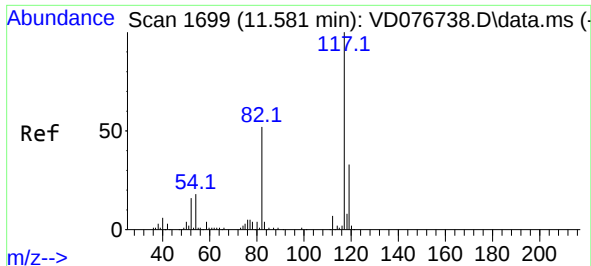
Tgt Ion:107 Resp: 69039
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.039 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 95 Resp: 92839
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 81.6 0.0 191.8

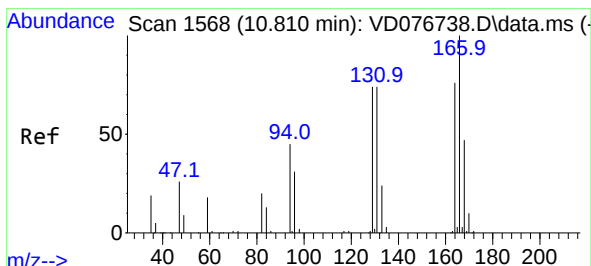
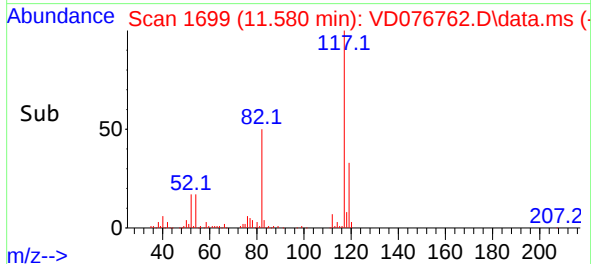
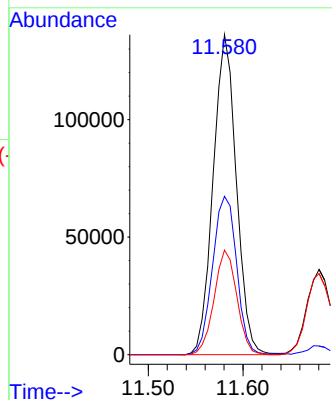
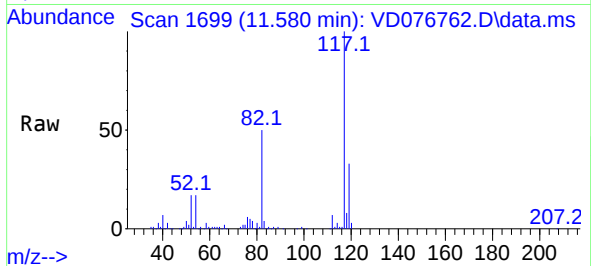




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

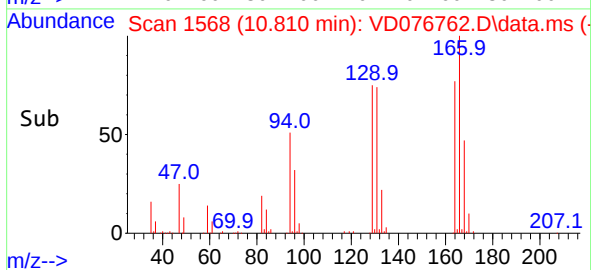
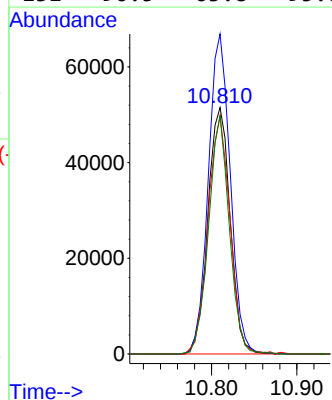
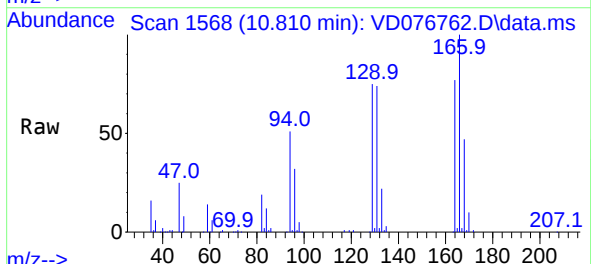
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

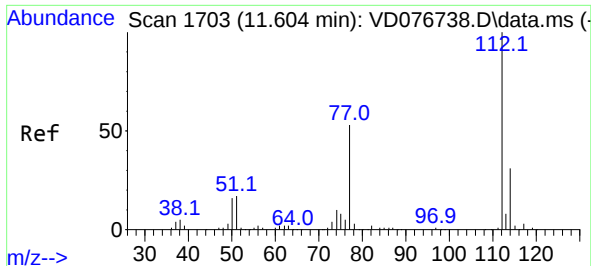
Tgt Ion:	117	Resp:	231626
Ion	Ratio	Lower	Upper
117	100		
82	49.5	38.3	57.5
119	32.7	25.0	37.4



#64
Tetrachloroethene
Concen: 70.850 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:	164	Resp:	93577
Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.2	148.8
129	96.9	68.4	102.6
131	96.5	63.8	95.8

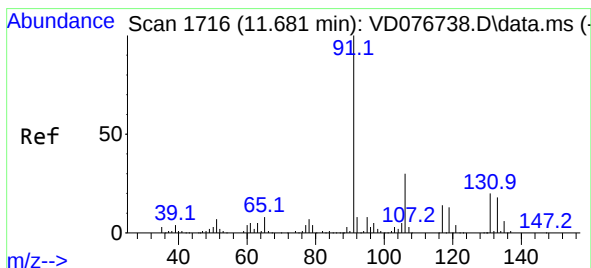
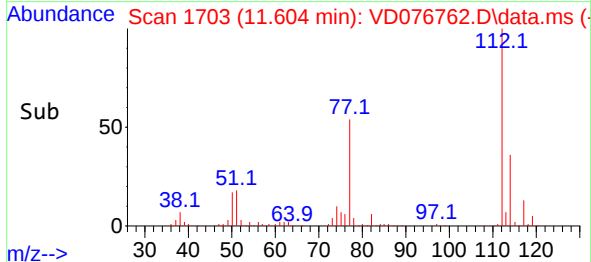
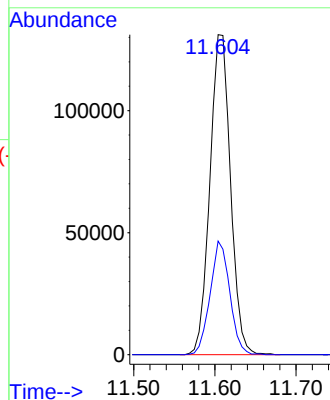
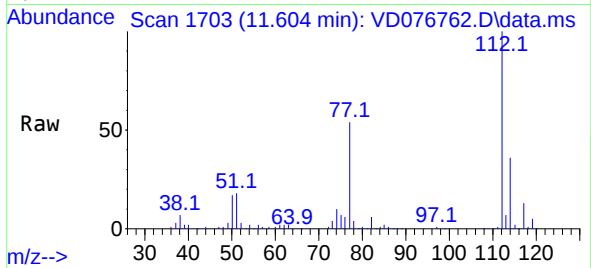




#65
Chlorobenzene
Concen: 49.653 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

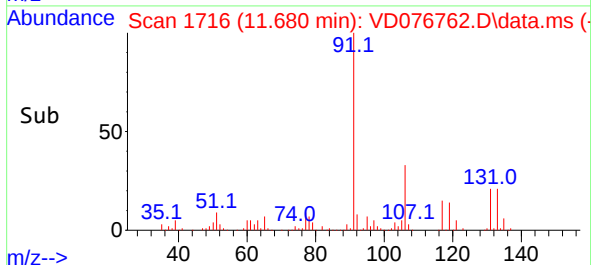
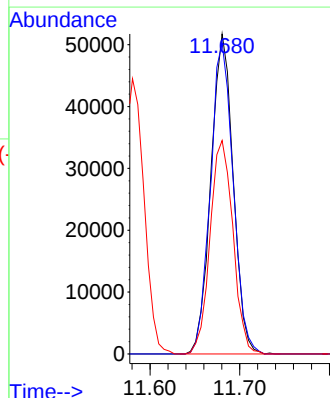
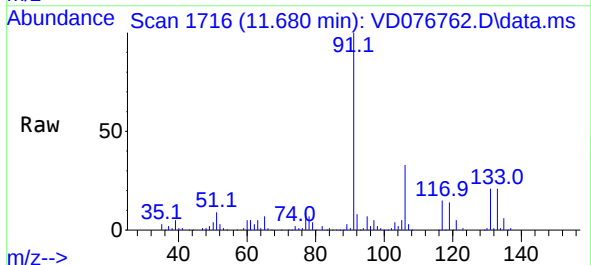
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

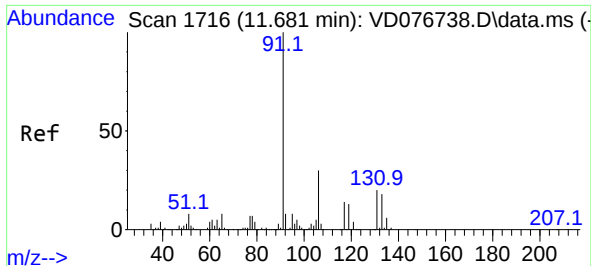
Tgt Ion:112 Resp: 231306
Ion Ratio Lower Upper
112 100
114 35.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.380 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:131 Resp: 89113
Ion Ratio Lower Upper
131 100
133 99.4 48.5 145.5
119 68.5 35.6 106.9

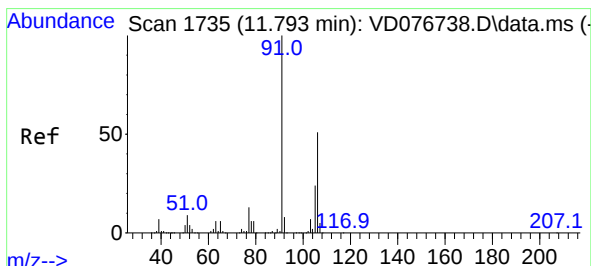
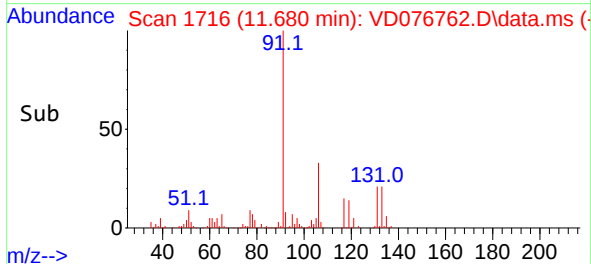
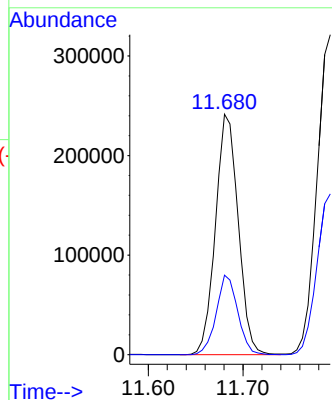
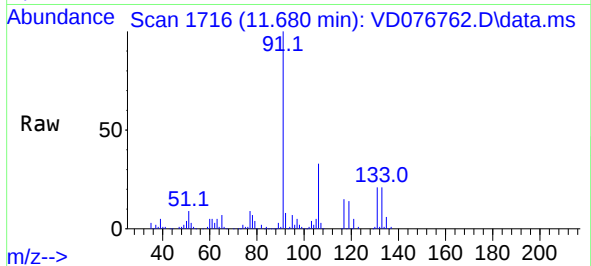




#67
Ethyl Benzene
Concen: 49.329 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

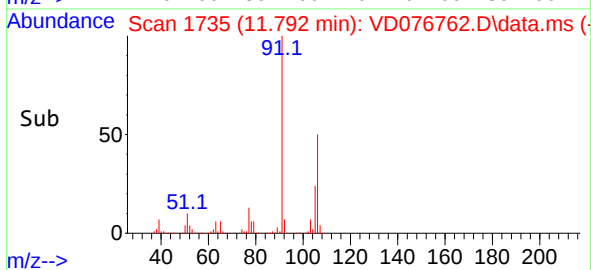
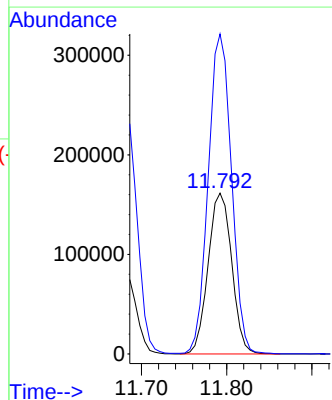
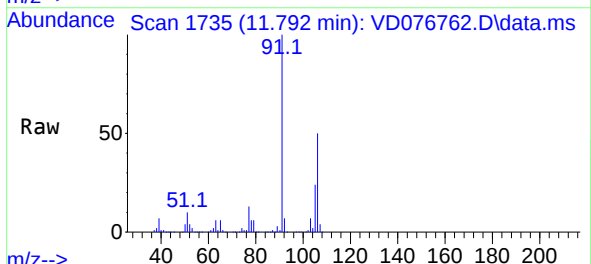
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

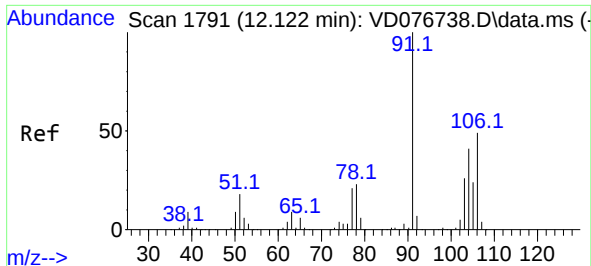
Tgt Ion: 91 Resp: 403570
Ion Ratio Lower Upper
91 100
106 33.1 26.5 39.7



#68
m/p-Xylenes
Concen: 98.877 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 106 Resp: 310678
Ion Ratio Lower Upper
106 100
91 196.3 147.0 220.6

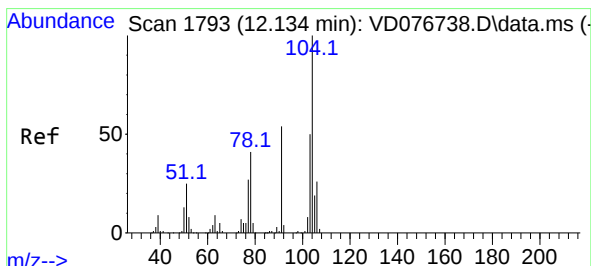
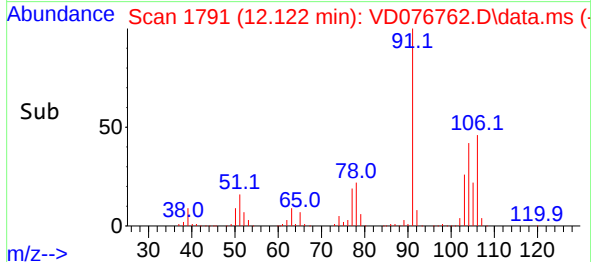
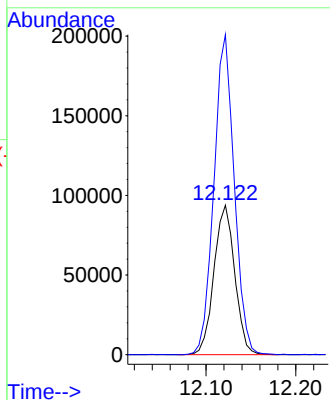
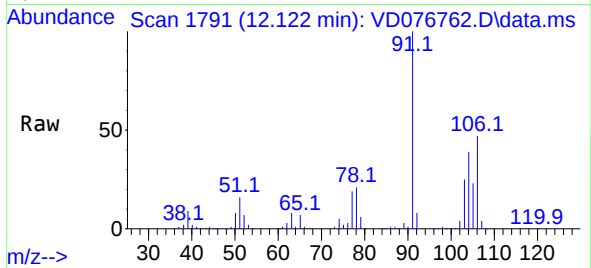




#69
o-Xylene
Concen: 49.652 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

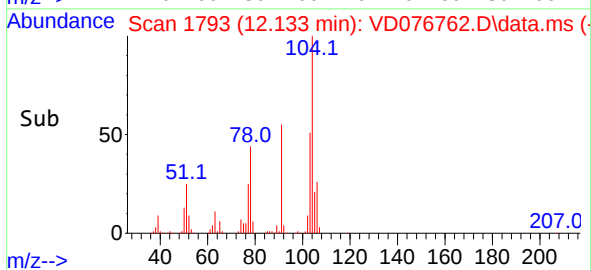
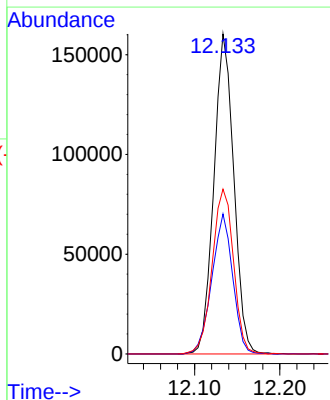
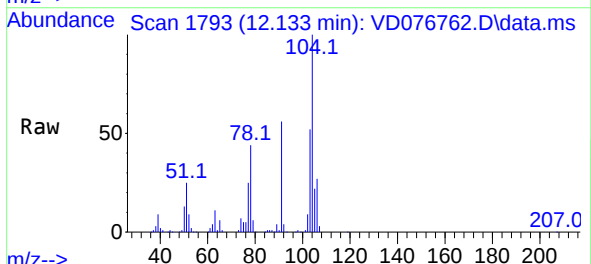
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

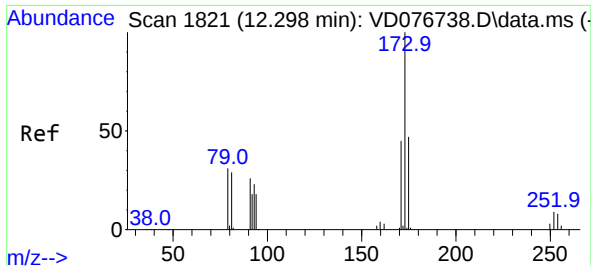
Tgt Ion:106 Resp: 150864
Ion Ratio Lower Upper
106 100
91 209.6 97.9 293.6



#70
Styrene
Concen: 49.154 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:104 Resp: 261449
Ion Ratio Lower Upper
104 100
78 45.6 33.2 49.8
103 55.1 43.6 65.4

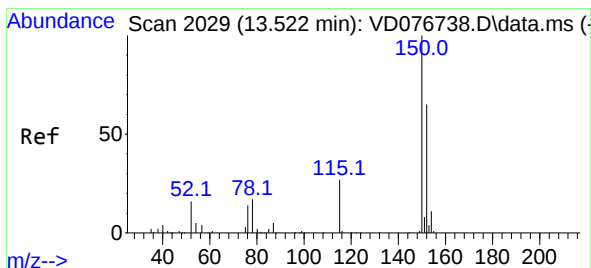
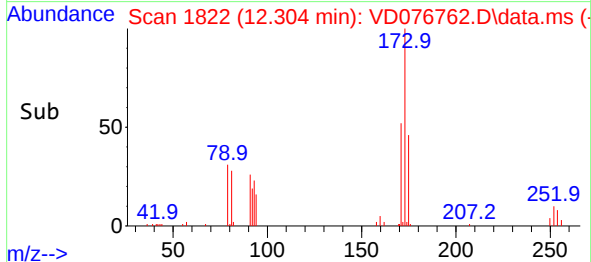
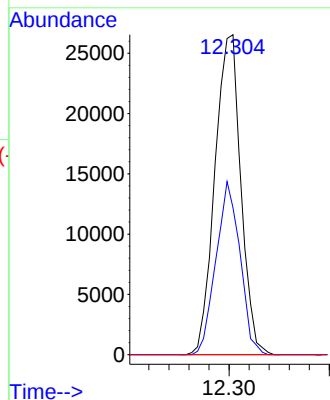
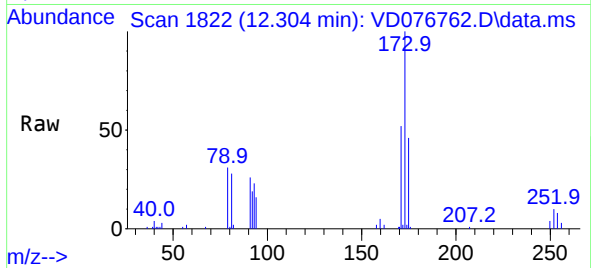




#71
Bromoform
Concen: 50.261 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

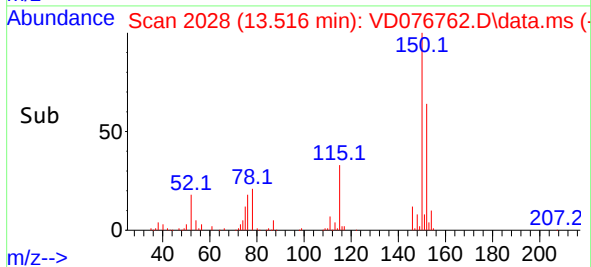
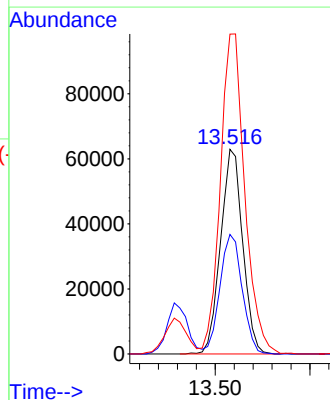
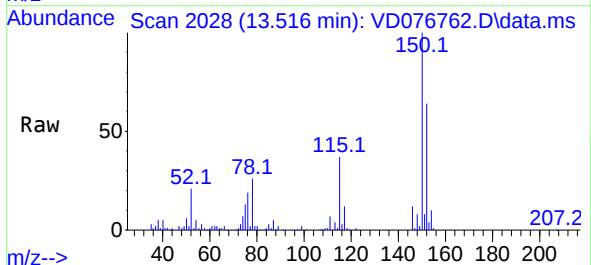
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

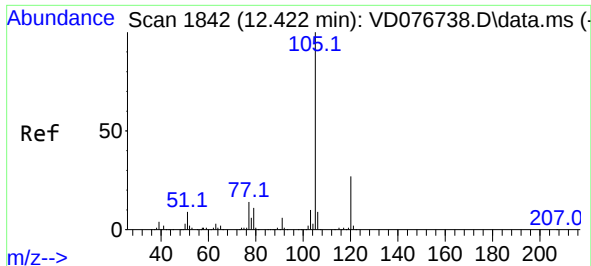
Tgt Ion:173 Resp: 47743
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:152 Resp: 102048
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 173.3 0.0 353.6

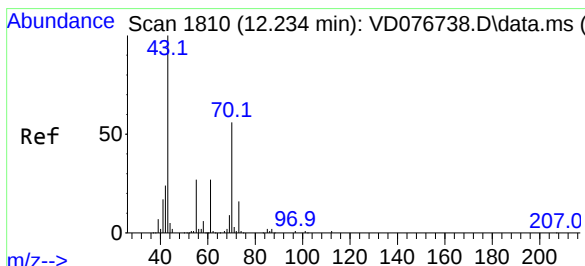
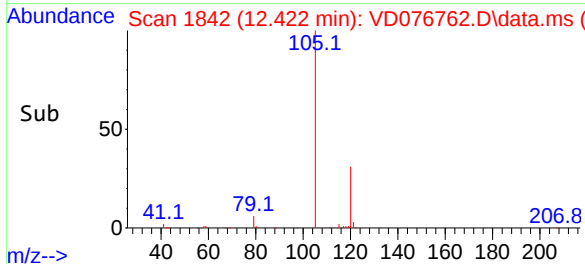
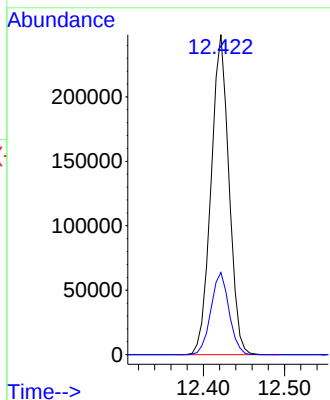
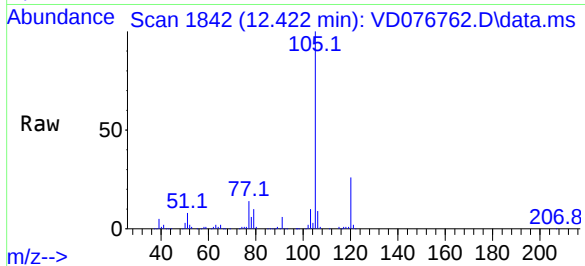




#73
Isopropylbenzene
Concen: 51.387 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

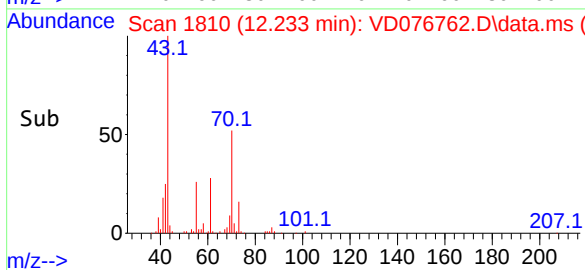
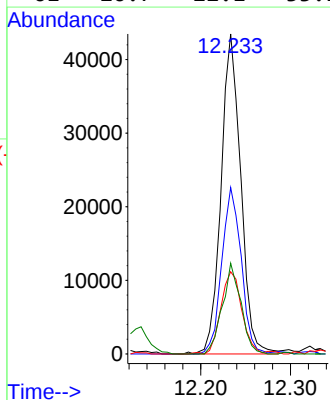
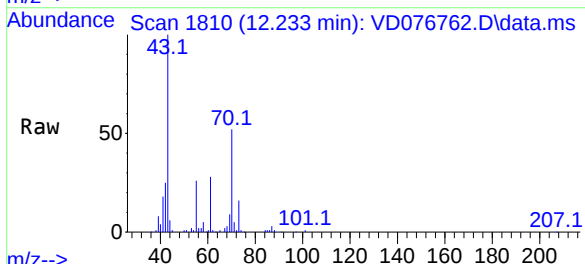
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

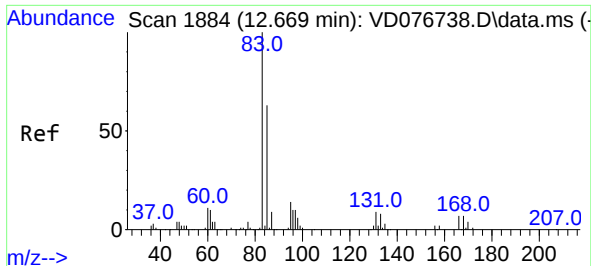
Tgt Ion:105 Resp: 380456
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9



#74
N-ethyl acetate
Concen: 42.485 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 43 Resp: 66267
Ion Ratio Lower Upper
43 100
70 51.5 45.0 67.4
55 27.8 23.8 35.6
61 26.7 22.1 33.1

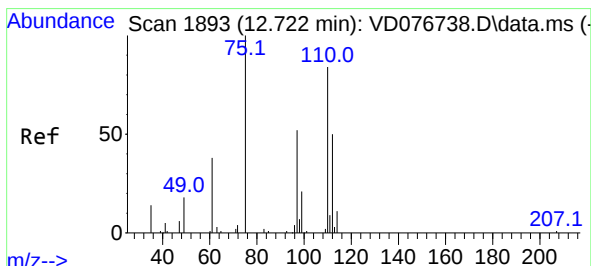
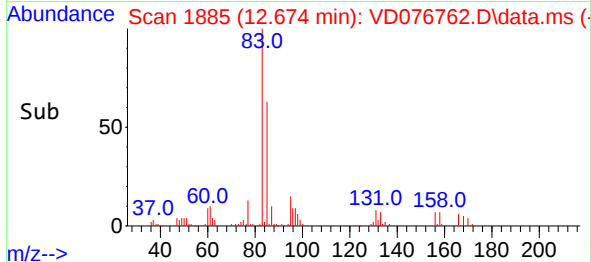
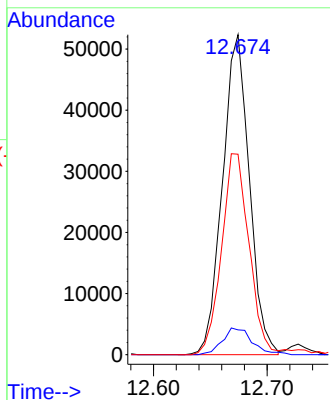
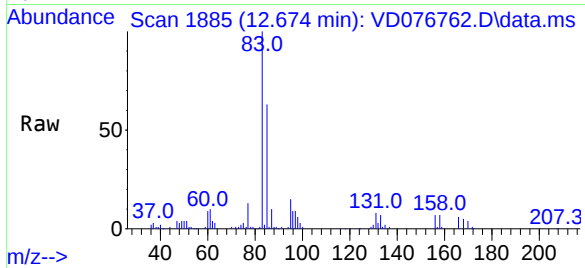




#75
1,1,2,2-Tetrachloroethane
Concen: 54.116 ug/l
RT: 12.674 min Scan# 1885
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

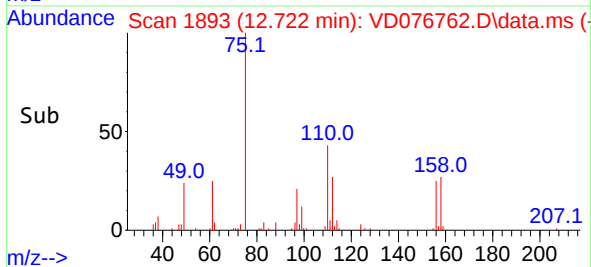
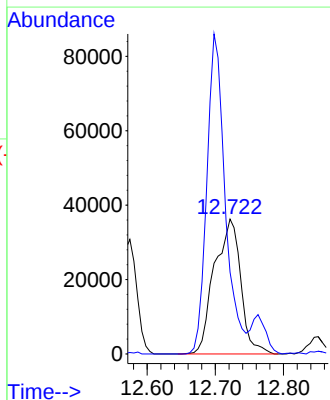
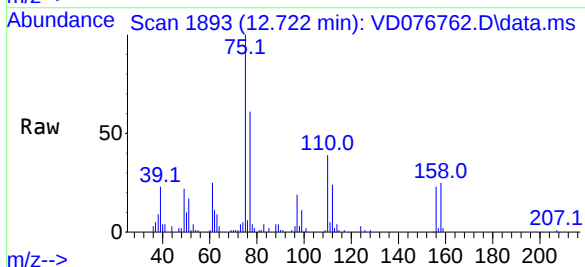
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

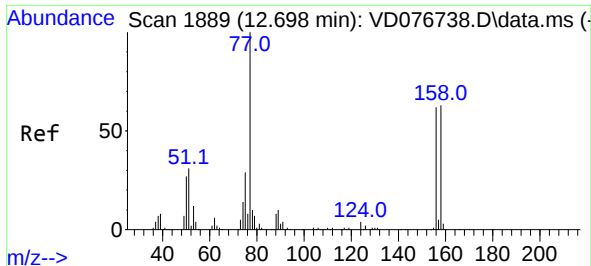
Tgt Ion: 83 Resp: 86025
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 64.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 100.577 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 75 Resp: 97606
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

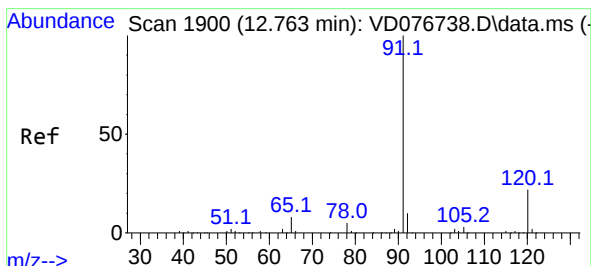
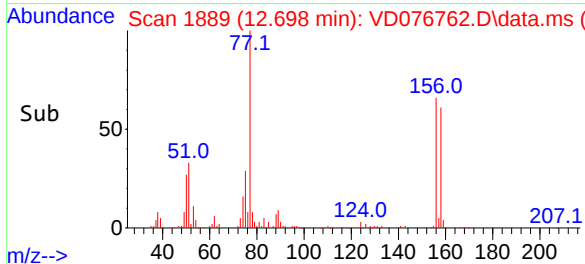
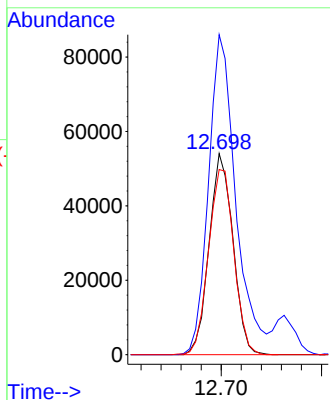
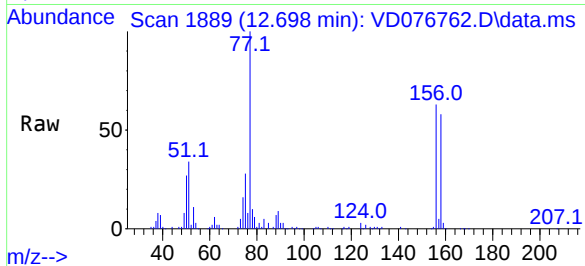




#77
Bromobenzene
Concen: 52.133 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

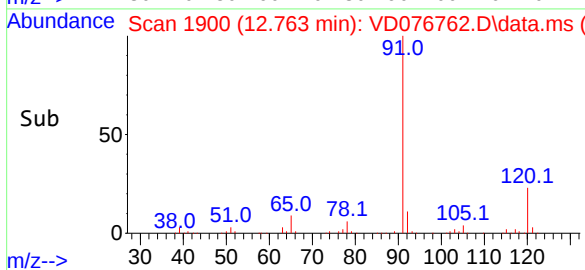
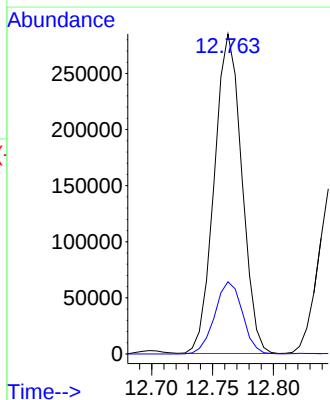
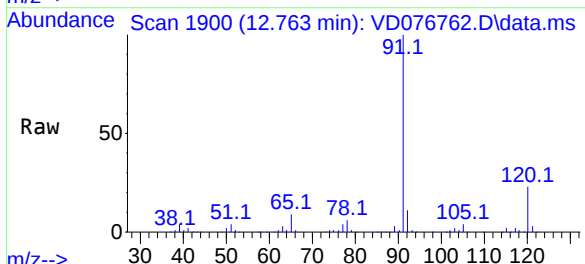
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

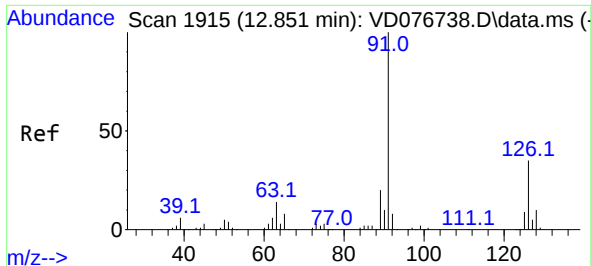
Tgt Ion:156 Resp: 89094
Ion Ratio Lower Upper
156 100
77 181.4 76.8 230.4
158 98.1 48.6 145.9



#78
n-propylbenzene
Concen: 49.860 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 91 Resp: 447534
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2

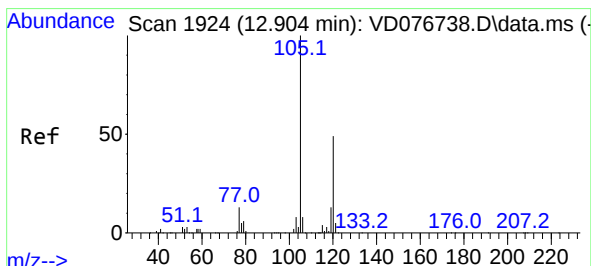
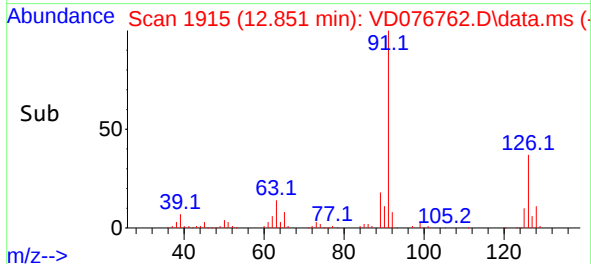
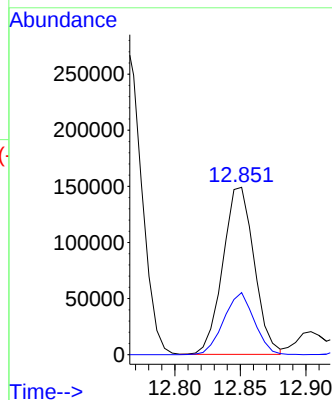
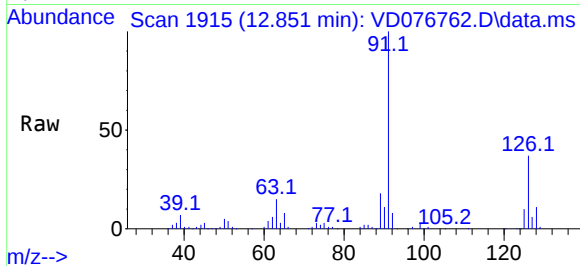




#79
2-Chlorotoluene
Concen: 50.447 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

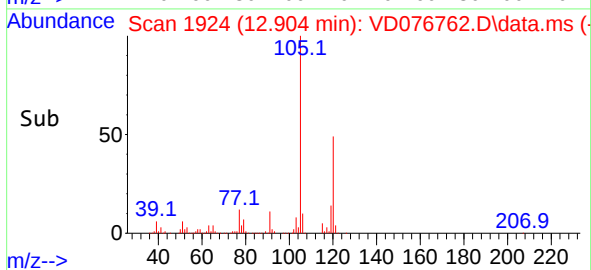
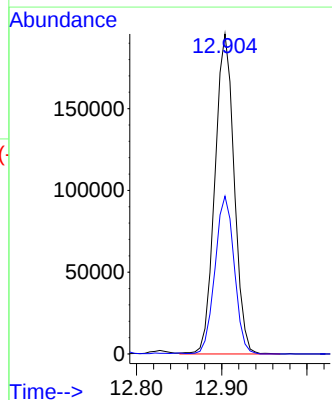
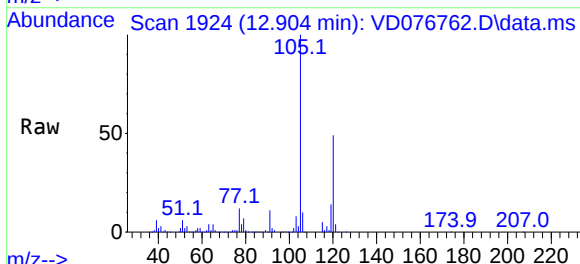
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

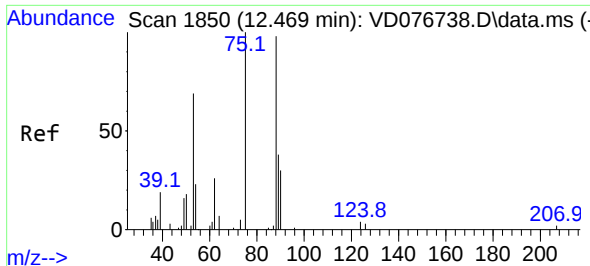
Tgt Ion: 91 Resp: 248274
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.418 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 105 Resp: 307821
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2

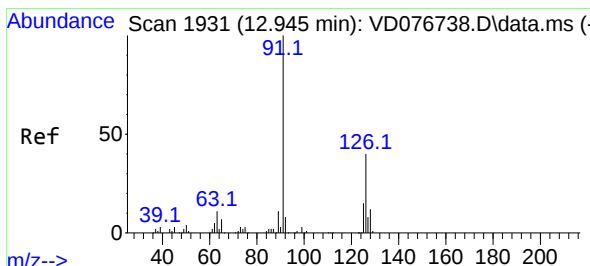
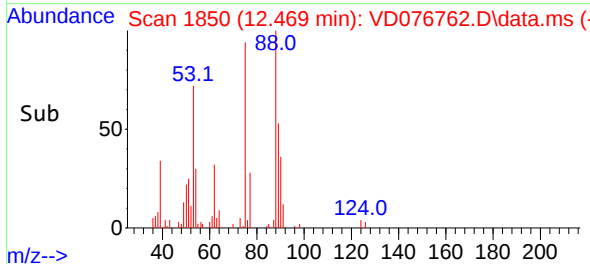
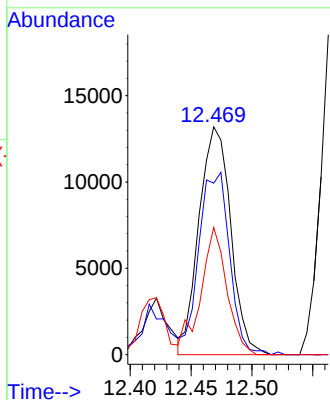
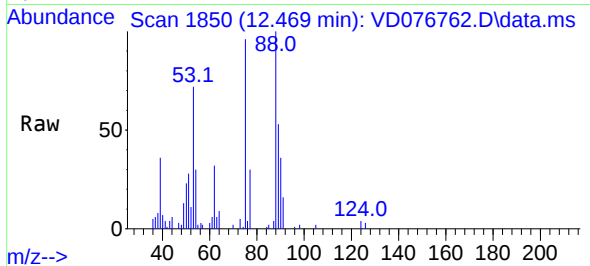




#81
trans-1,4-Dichloro-2-butene
Concen: 52.407 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

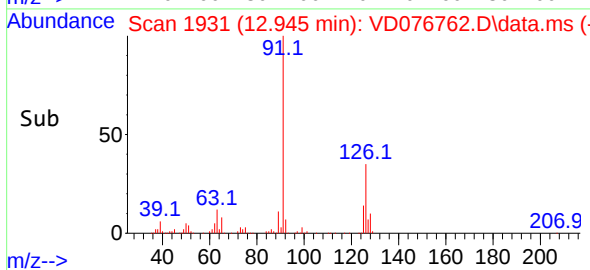
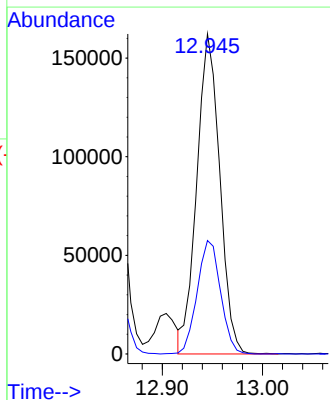
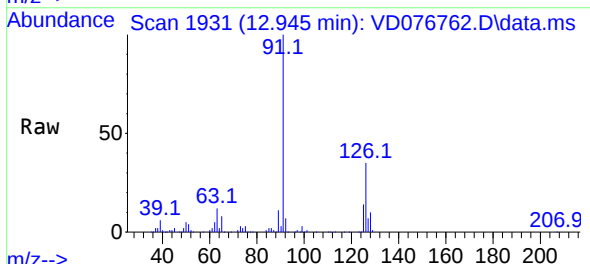
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

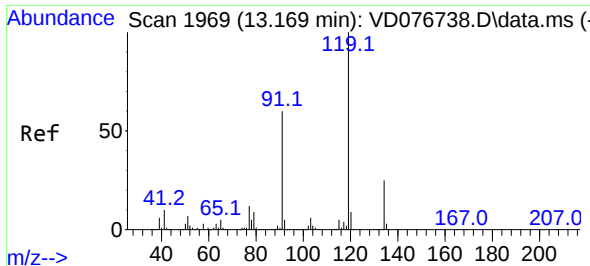
Tgt Ion: 75 Resp: 23897
Ion Ratio Lower Upper
75 100
53 77.7 63.0 94.4
89 46.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.333 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 91 Resp: 258783
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4

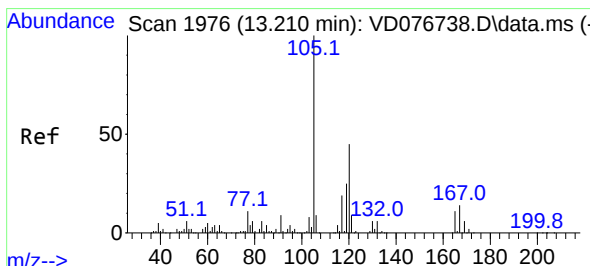
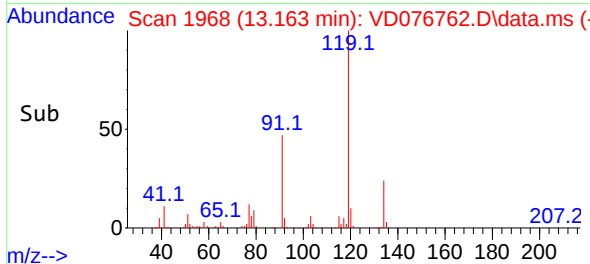
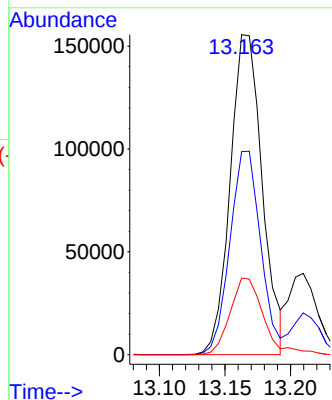
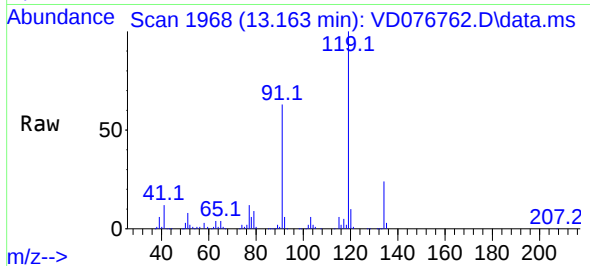




#83
tert-Butylbenzene
Concen: 50.231 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

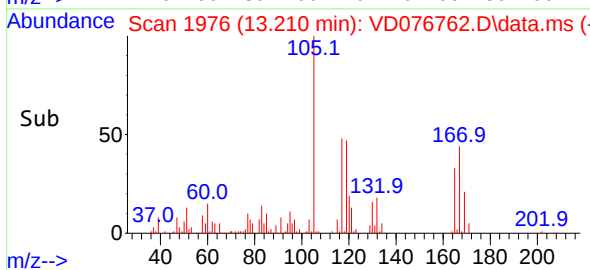
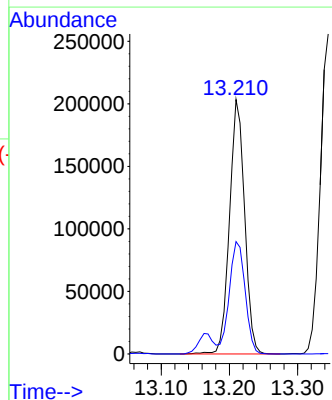
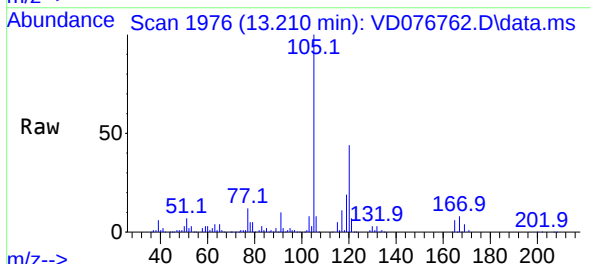
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

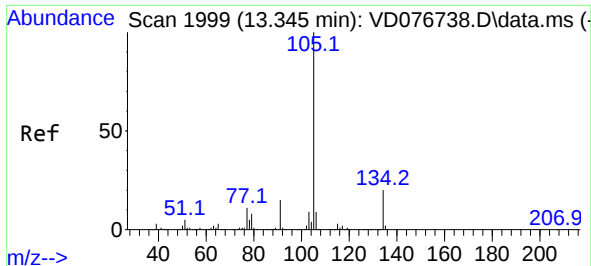
Tgt Ion:119 Resp: 264778
Ion Ratio Lower Upper
119 100
91 61.3 29.3 87.8
134 25.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 51.268 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:105 Resp: 313642
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9

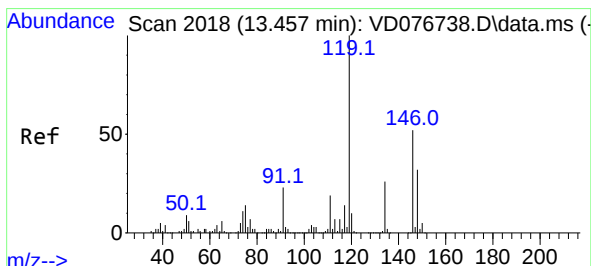
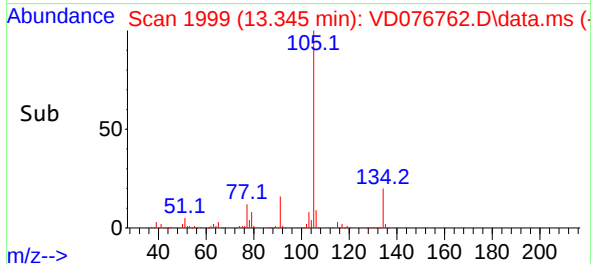
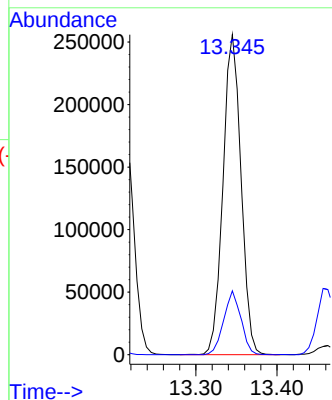
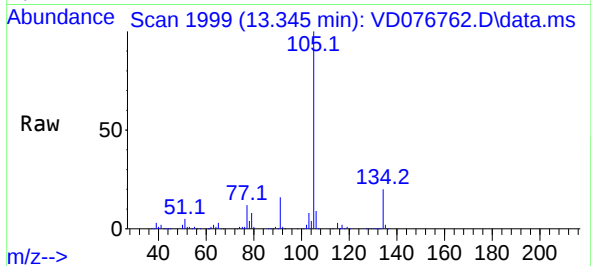




#85
 sec-Butylbenzene
 Concen: 49.052 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

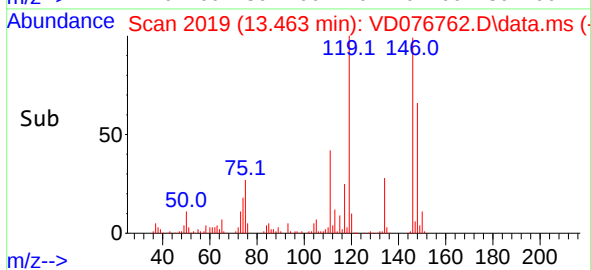
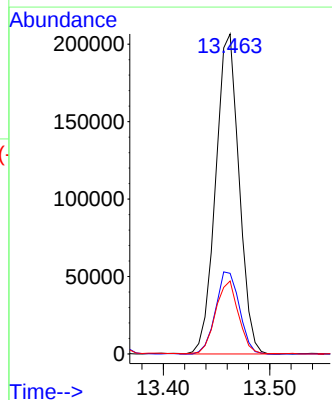
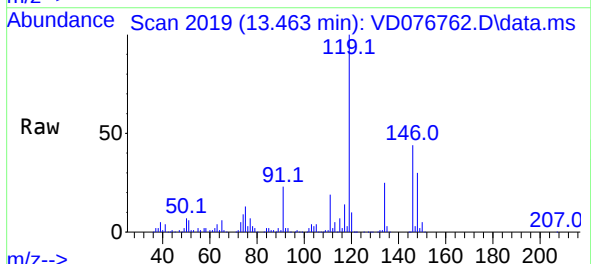
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS

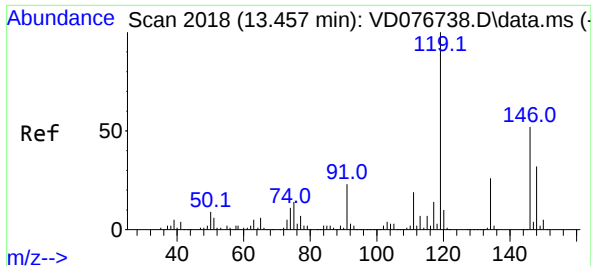
Tgt Ion:105 Resp: 395037
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 47.315 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

Tgt Ion:119 Resp: 314695
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 22.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 48.059 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

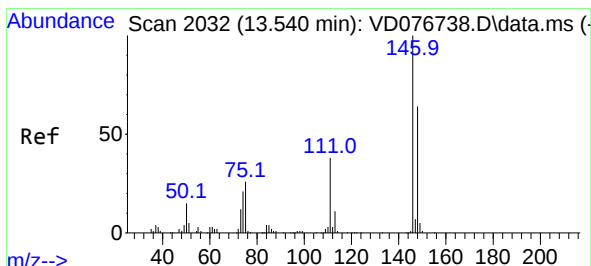
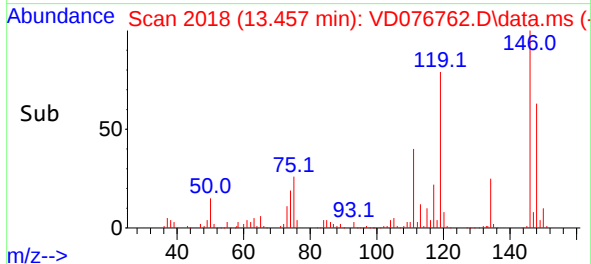
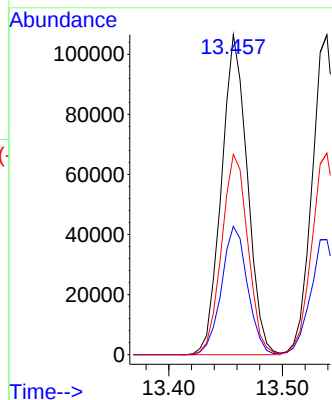
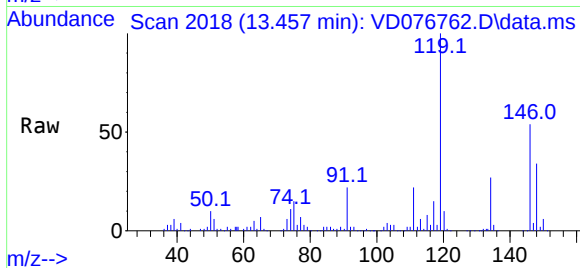
Tgt Ion:146 Resp: 168929

Ion Ratio Lower Upper

146 100

111 40.3 17.9 53.8

148 63.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.807 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

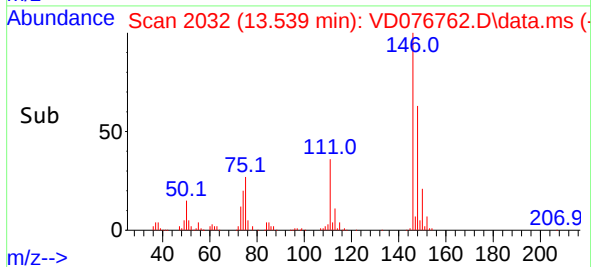
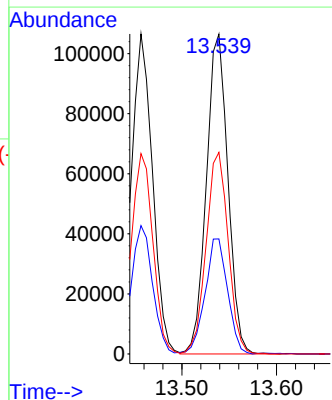
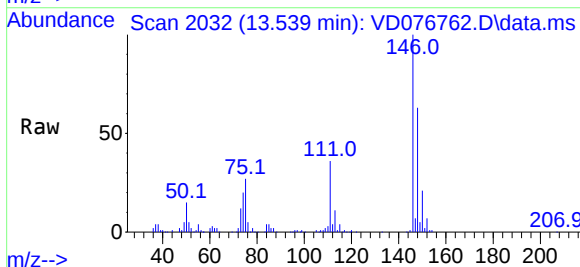
Tgt Ion:146 Resp: 168085

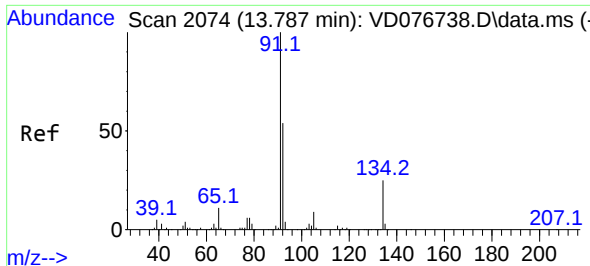
Ion Ratio Lower Upper

146 100

111 37.2 17.4 52.3

148 64.5 31.7 95.1

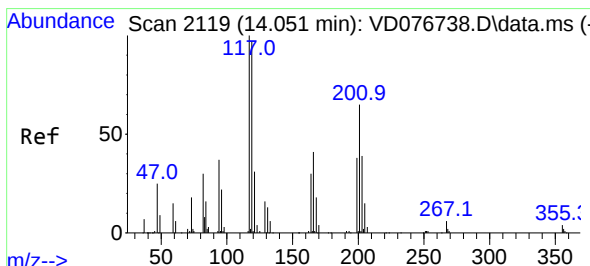
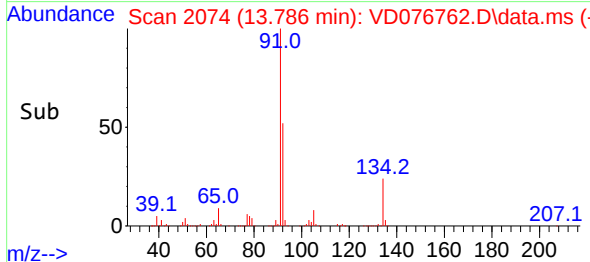
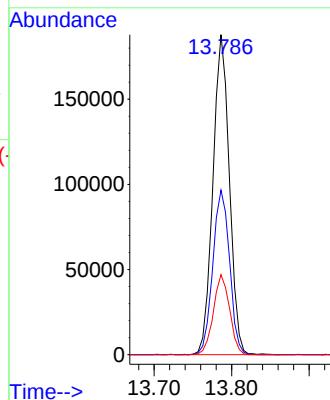
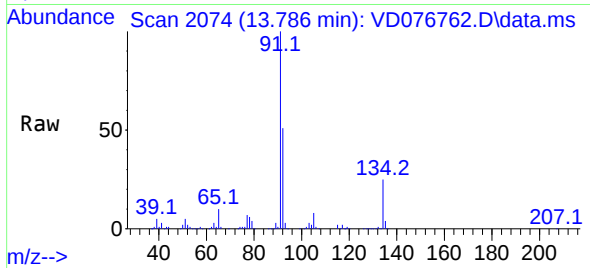




#89
n-Butylbenzene
Concen: 42.482 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

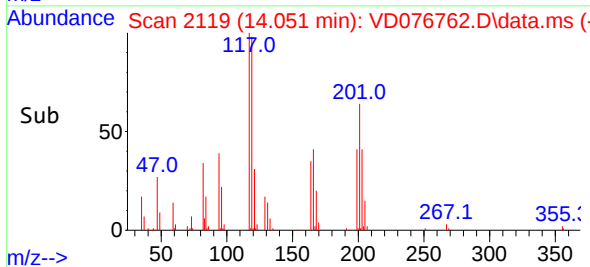
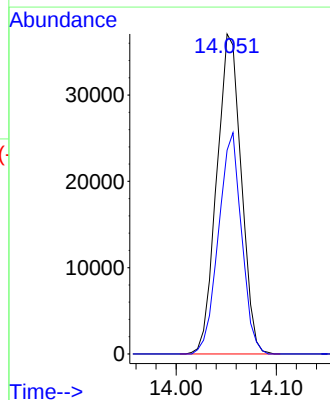
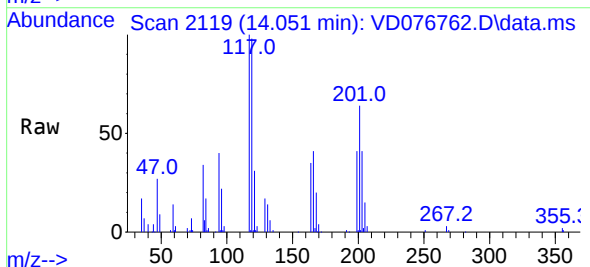
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

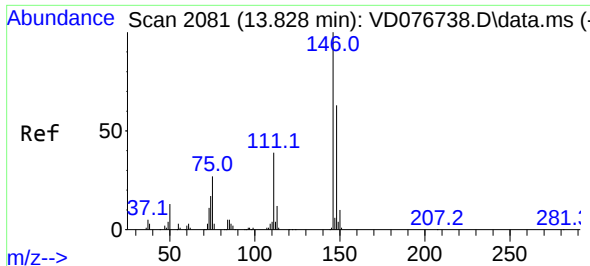
Tgt Ion: 91 Resp: 276486
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 24.7 13.8 41.3



#90
Hexachloroethane
Concen: 51.182 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 117 Resp: 62935
Ion Ratio Lower Upper
117 100
201 65.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.274 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

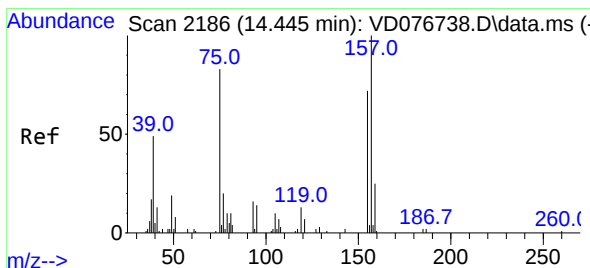
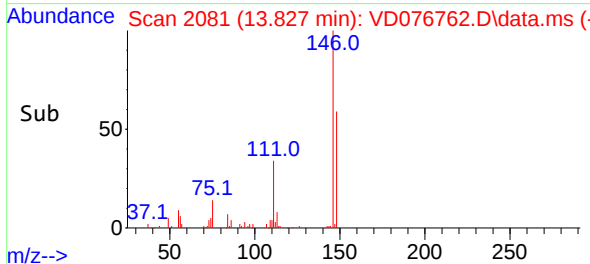
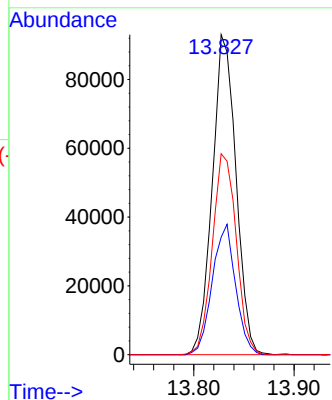
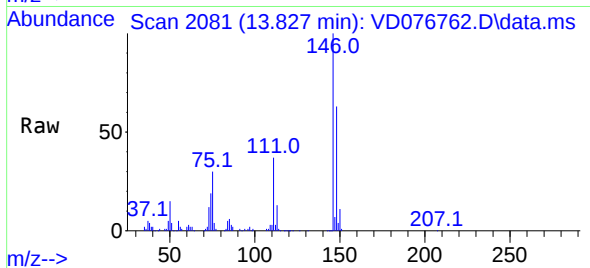
Tgt Ion:146 Resp: 152620

Ion Ratio Lower Upper

146 100

111 40.0 18.3 54.8

148 63.5 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.876 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

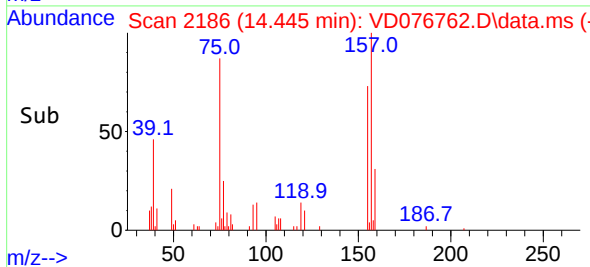
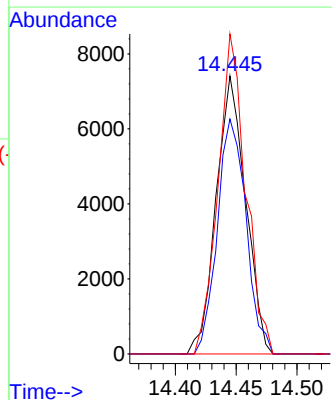
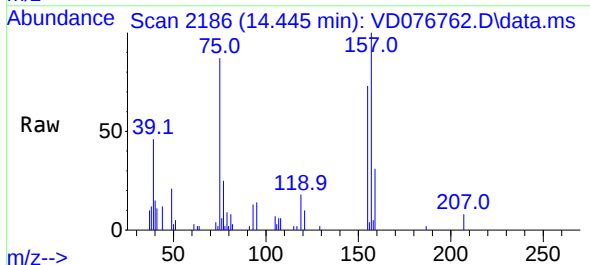
Tgt Ion: 75 Resp: 12438

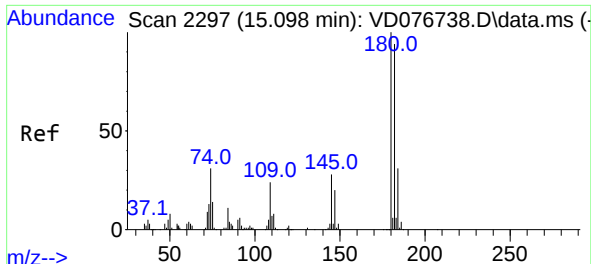
Ion Ratio Lower Upper

75 100

155 82.6 47.9 143.8

157 108.3 59.9 179.7

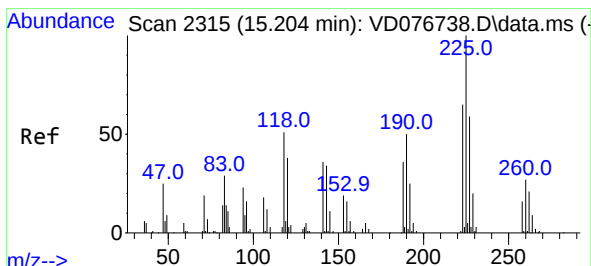
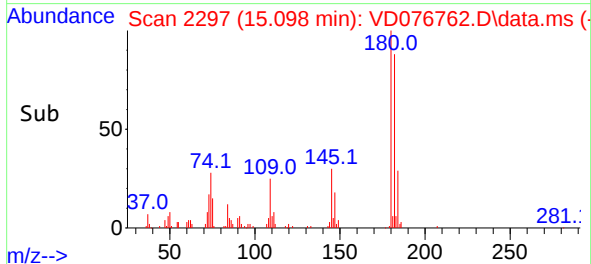
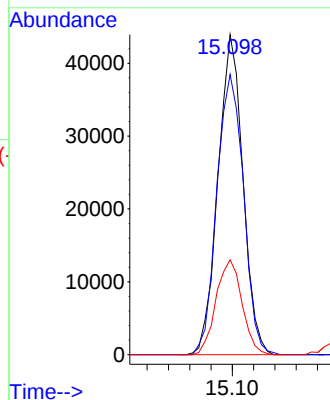
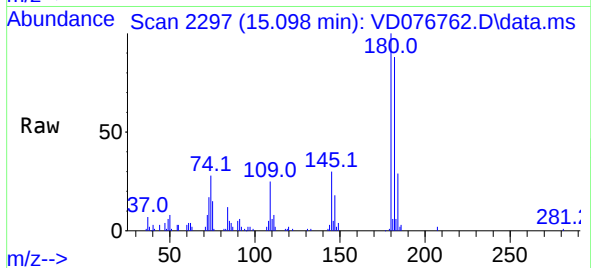




#93
1,2,4-Trichlorobenzene
Concen: 37.706 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

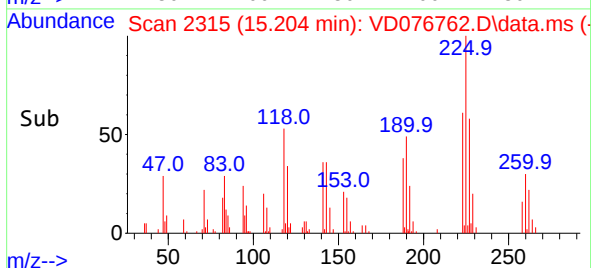
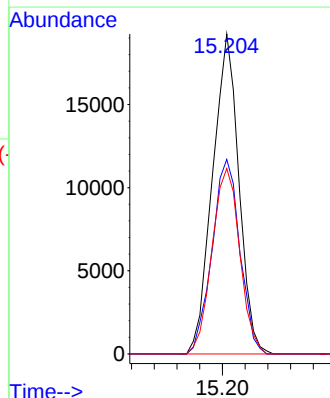
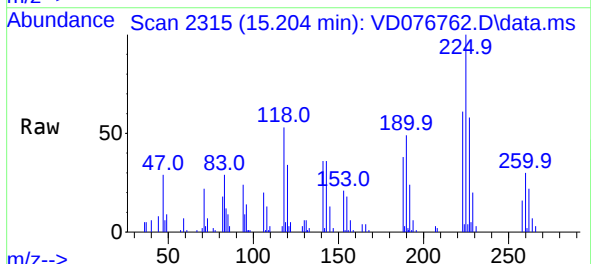
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

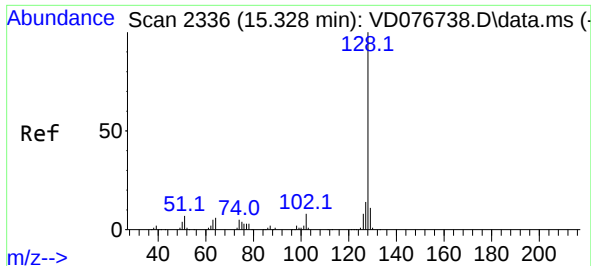
Tgt Ion:	180	Resp:	71301
Ion Ratio	Lower	Upper	
180	100		
182	93.7	48.5	145.6
145	30.8	14.2	42.6



#94
Hexachlorobutadiene
Concen: 33.965 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:	225	Resp:	30889
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.6	94.8
227	61.1	31.7	95.1

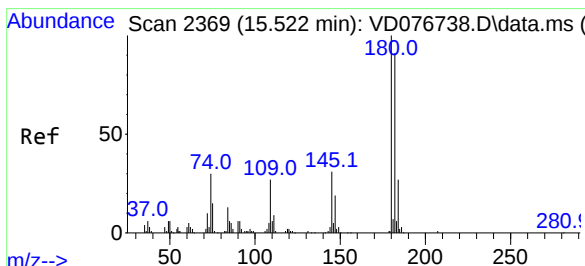
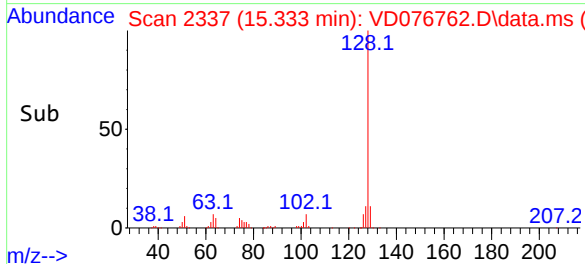
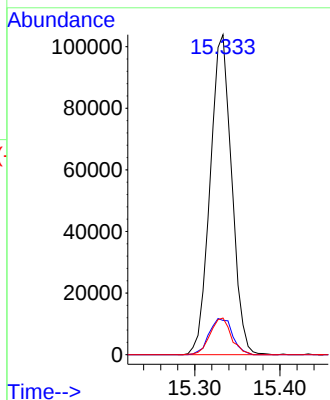
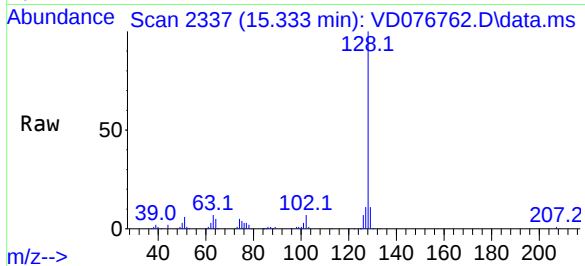




#95
Naphthalene
Concen: 44.653 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion:128 Resp: 182825
Ion Ratio Lower Upper
128 100
127 10.7 10.5 15.7
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 38.061 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:180 Resp: 64587
Ion Ratio Lower Upper
180 100
182 90.1 47.3 141.9
145 31.7 15.1 45.3

