

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101122\
 Data File : VD074516.D
 Acq On : 11 Oct 2022 13:54
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 12 00:43:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 00:39:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	87306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	150845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	133105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112150	149.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 298.480%#	
35) Dibromofluoromethane	7.804	113	130534	132.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 264.400%#	
50) Toluene-d8	10.269	98	527053	158.954	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 317.900%#	
62) 4-Bromofluorobenzene	12.569	95	146937	119.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 239.140%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	132727	157.243	ug/l	97
3) Chloromethane	2.146	50	151193	143.920	ug/l	95
4) Vinyl Chloride	2.281	62	174880	160.924	ug/l	98
5) Bromomethane	2.664	94	118657	153.902	ug/l	98
6) Chloroethane	2.822	64	117186	161.620	ug/l	98
7) Trichlorofluoromethane	3.169	101	257952	155.106	ug/l	96
8) Diethyl Ether	3.587	74	78866	157.976	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	170422	152.461	ug/l	99
10) Methyl Iodide	4.158	142	250530	195.488	ug/l	98
11) Tert butyl alcohol	5.058	59	51205	343.874	ug/l	97
12) 1,1-Dichloroethene	3.934	96	174676	153.417	ug/l	95
13) Acrolein	3.793	56	26052	678.387	ug/l	97
14) Allyl chloride	4.558	41	186096	150.142	ug/l	99
15) Acrylonitrile	5.252	53	156216	786.077	ug/l	99
16) Acetone	4.022	43	116314	717.532	ug/l	97
17) Carbon Disulfide	4.263	76	505543	150.174	ug/l	98
18) Methyl Acetate	4.558	43	75236	145.857	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	336135	155.141	ug/l	97
20) Methylene Chloride	4.799	84	184680	109.346	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	186977	152.466	ug/l	95
22) Diisopropyl ether	6.216	45	354544	143.065	ug/l	97
23) Vinyl Acetate	6.152	43	885835	874.289	ug/l	99
24) 1,1-Dichloroethane	6.110	63	277736	144.778	ug/l	98
25) 2-Butanone	7.075	43	152883	683.215	ug/l	91
26) 2,2-Dichloropropane	7.069	77	237997	140.940	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	193532	148.165	ug/l	97
28) Bromochloromethane	7.422	49	70129	138.452	ug/l	100
29) Tetrahydrofuran	7.440	42	91309	739.926	ug/l	98
30) Chloroform	7.599	83	262875	141.431	ug/l	99
31) Cyclohexane	7.875	56	213083	133.267	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	242784	144.251	ug/l	98
36) 1,1-Dichloropropene	8.004	75	207951	143.643	ug/l	99
37) Ethyl Acetate	7.163	43	64757	136.288	ug/l	97
38) Carbon Tetrachloride	7.993	117	209544	156.547	ug/l	92
39) Methylcyclohexane	9.269	83	273316	150.837	ug/l	96
40) Benzene	8.251	78	619806	143.848	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	32970	116.027	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	146420	143.812	ug/l	99
43) Isopropyl Acetate	8.363	43	133912	153.387	ug/l	97
44) Trichloroethene	9.028	130	180348	146.311	ug/l	95
45) 1,2-Dichloropropane	9.304	63	142157	144.816	ug/l	100
46) Dibromomethane	9.393	93	81537	147.828	ug/l	93
47) Bromodichloromethane	9.587	83	198864	145.855	ug/l	97
48) Methyl methacrylate	9.381	41	62257	147.363	ug/l	96
49) 1,4-Dioxane	9.381	88	17547	3062.268	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	318488	737.417	ug/l	98
52) Toluene	10.334	92	401753	147.532	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	187448	157.687	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	228145	151.953	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	108483	146.720	ug/l	96
56) Ethyl methacrylate	10.598	69	133231	156.315	ug/l	96
57) 1,3-Dichloropropane	10.881	76	180228	145.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	161130	1006.742	ug/l	100
59) 2-Hexanone	10.922	43	216945	750.374	ug/l	100
60) Dibromochloromethane	11.075	129	131506	147.871	ug/l	99
61) 1,2-Dibromoethane	11.181	107	101372	147.350	ug/l	99
64) Tetrachloroethene	10.810	164	143964	144.440	ug/l	96
65) Chlorobenzene	11.604	112	418814	146.585	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	148217	152.883	ug/l	99
67) Ethyl Benzene	11.681	91	757526	149.578	ug/l	100
68) m/p-Xylenes	11.792	106	611756	302.936	ug/l	97
69) o-Xylene	12.116	106	284796	151.570	ug/l	95
70) Styrene	12.134	104	470944	148.324	ug/l	99
71) Bromoform	12.292	173	76034	153.964	ug/l #	96
73) Isopropylbenzene	12.416	105	722955	150.221	ug/l	99
74) N-amyl acetate	12.228	43	116050	153.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	110461	145.100	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	131634	287.399	ug/l #	1
77) Bromobenzene	12.698	156	163352	150.030	ug/l	98
78) n-propylbenzene	12.757	91	857055	147.200	ug/l	99
79) 2-Chlorotoluene	12.845	91	454918	145.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	588259	150.396	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	33364	165.534	ug/l	98
82) 4-Chlorotoluene	12.945	91	453724	144.653	ug/l	99
83) tert-Butylbenzene	13.163	119	520745	152.045	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	581453	150.064	ug/l	98
85) sec-Butylbenzene	13.339	105	779253	149.316	ug/l	97
86) p-Isopropyltoluene	13.457	119	670810	154.804	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	337156	151.144	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	322624	145.739	ug/l	98
89) n-Butylbenzene	13.781	91	602732	148.905	ug/l	98
90) Hexachloroethane	14.051	117	115292	150.695	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	279775	147.027	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15910	152.873	ug/l	98
93) 1,2,4-Trichlorobenzene	15.092	180	195898	156.125	ug/l	99
94) Hexachlorobutadiene	15.198	225	102765	157.525	ug/l	99
95) Naphthalene	15.328	128	386750	163.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	168630	157.437	ug/l	98

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QLast Update : Wed Oct 12 00:39:44 2022
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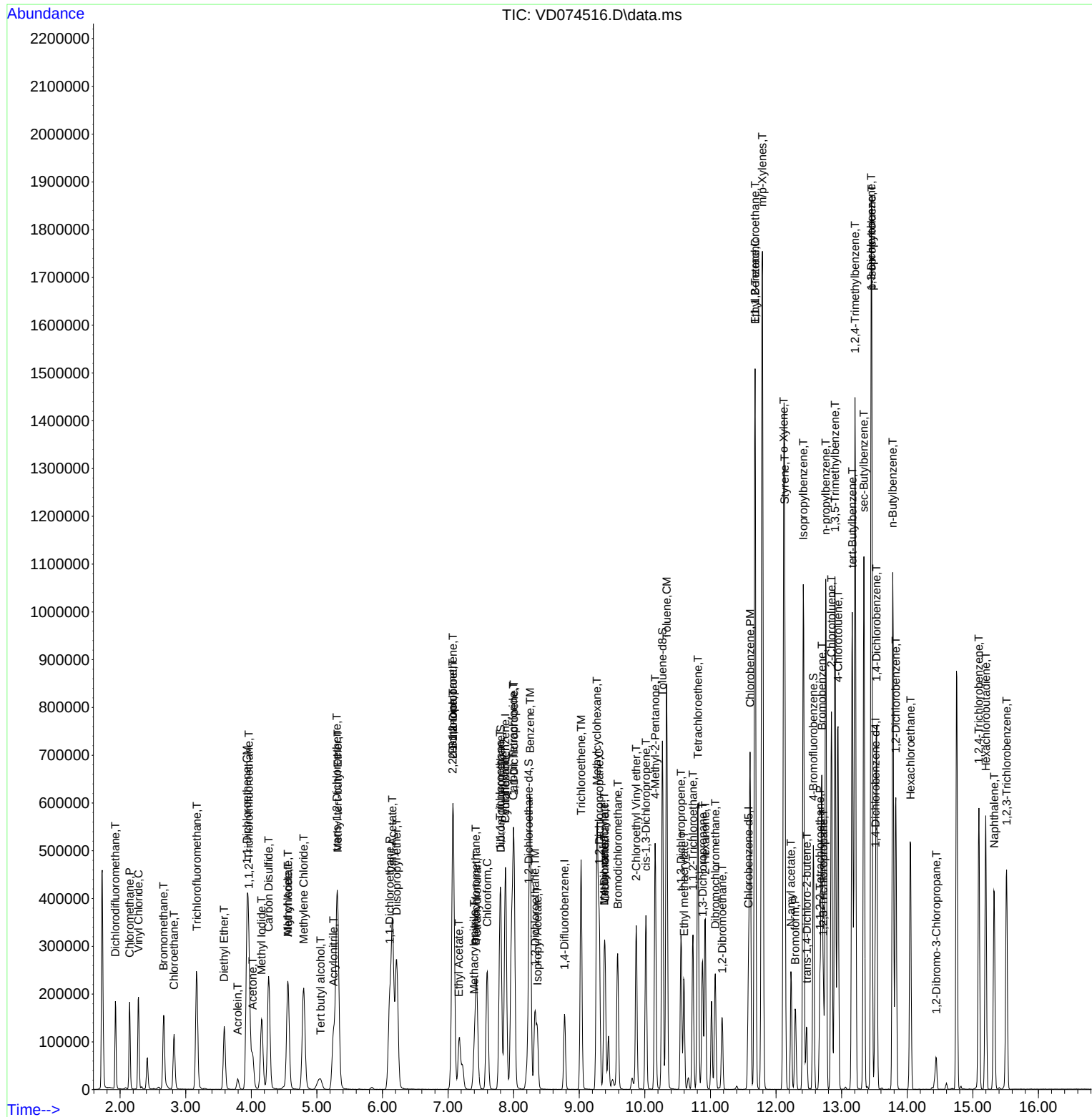
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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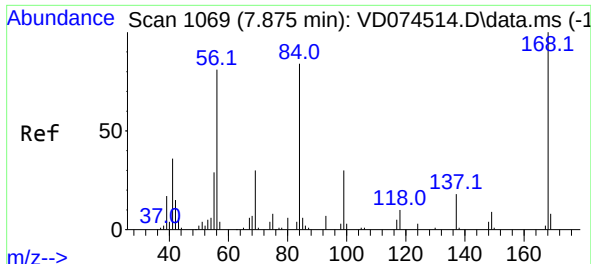
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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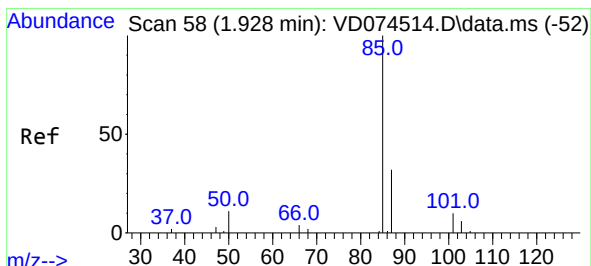
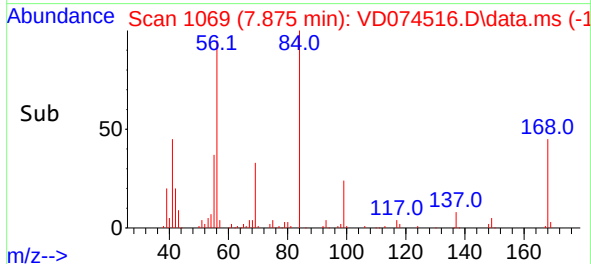
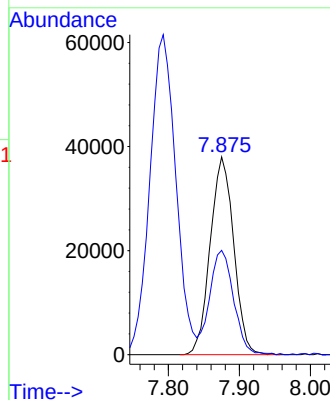
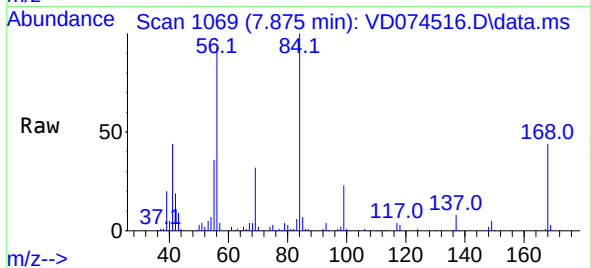




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074516.D
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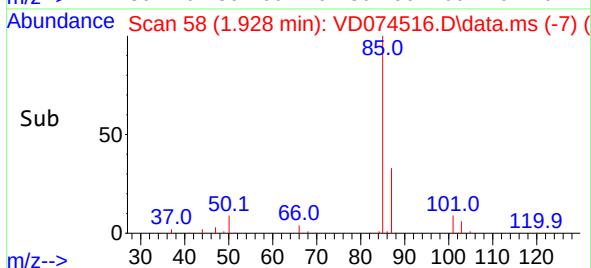
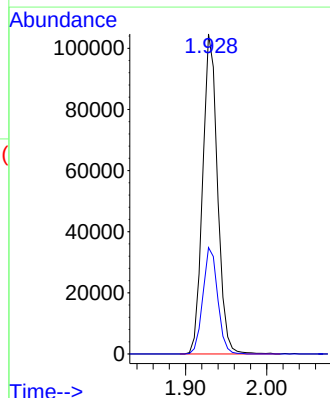
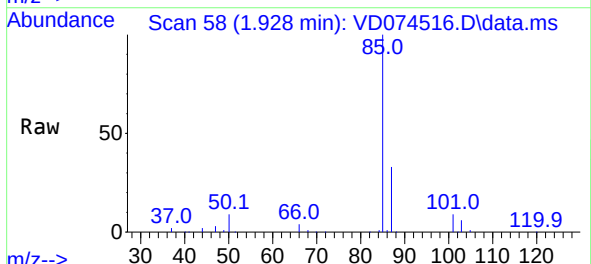
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 87306
Ion Ratio Lower Upper
168 100
99 52.2 40.9 61.3

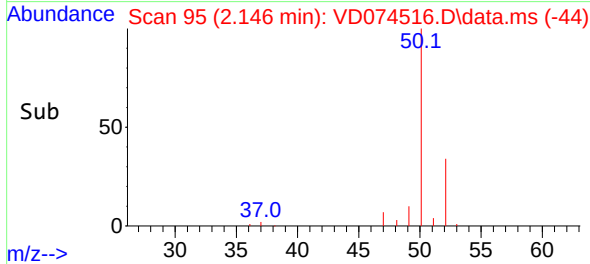
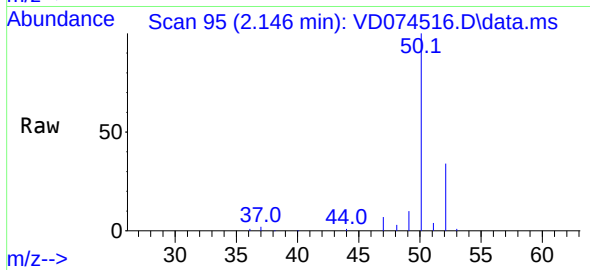
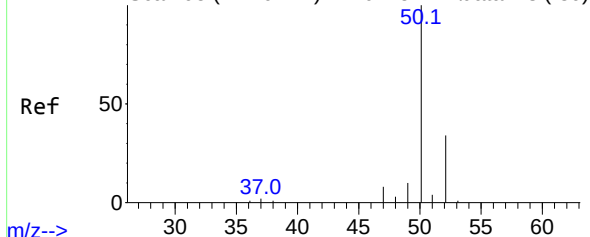


#2
Dichlorodifluoromethane
Concen: 157.243 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 85 Resp: 132727
Ion Ratio Lower Upper
85 100
87 33.2 17.5 52.6



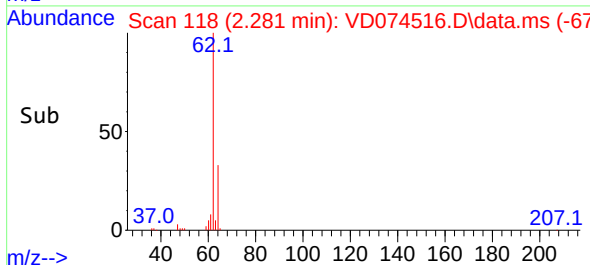
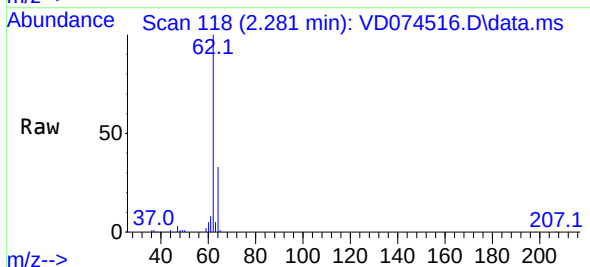
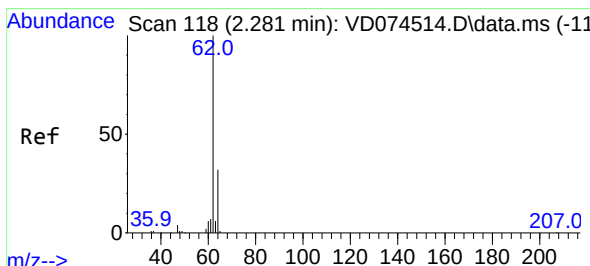
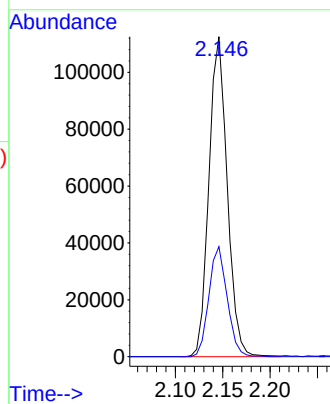
Abundance Scan 95 (2.146 min): VD074514.D\data.ms (-89)



#3
Chloromethane
Concen: 143.920 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

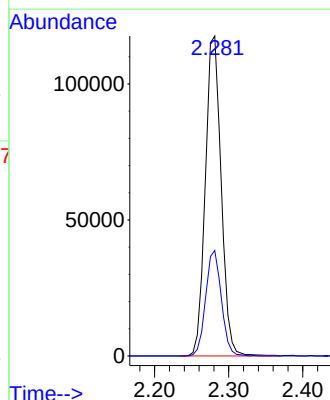
Instrument :
MSVOA_D
ClientSampleId :
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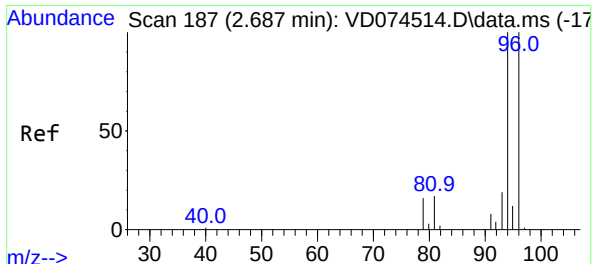
Tgt Ion: 50 Resp: 151193
Ion Ratio Lower Upper
50 100
52 34.4 30.0 45.0



#4
Vinyl Chloride
Concen: 160.924 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 62 Resp: 174880
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3

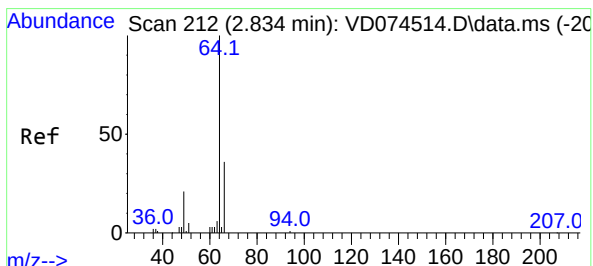
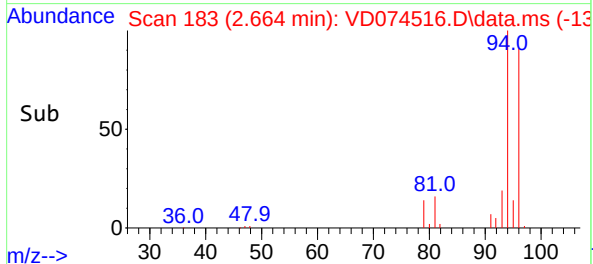
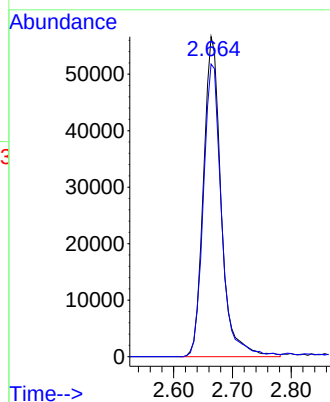
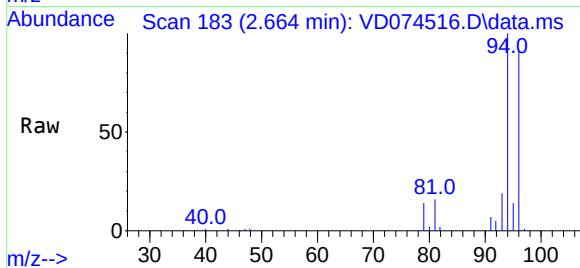




#5
Bromomethane
Concen: 153.902 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

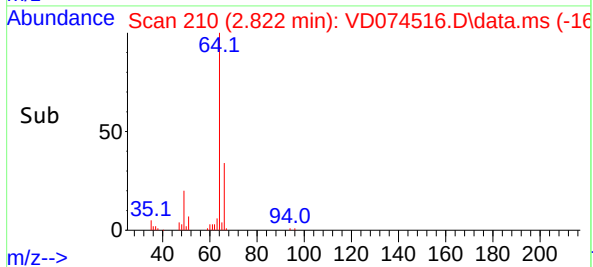
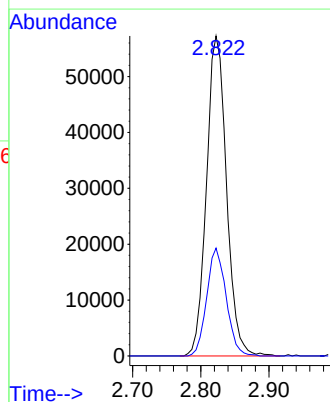
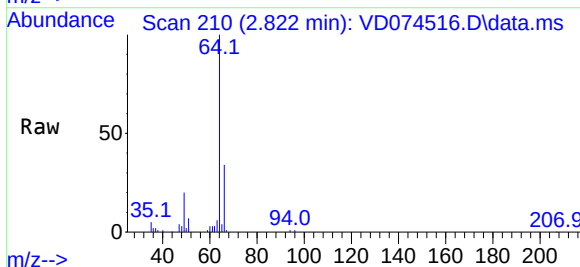
Instrument :
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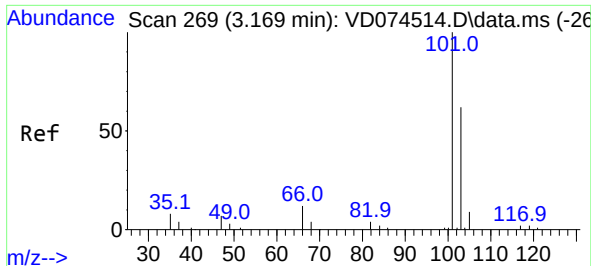
Tgt Ion: 94 Resp: 118657
Ion Ratio Lower Upper
94 100
96 91.5 74.6 112.0



#6
Chloroethane
Concen: 161.620 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 64 Resp: 117186
Ion Ratio Lower Upper
64 100
66 33.7 25.8 38.8

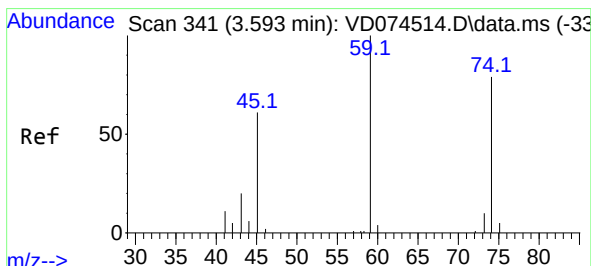
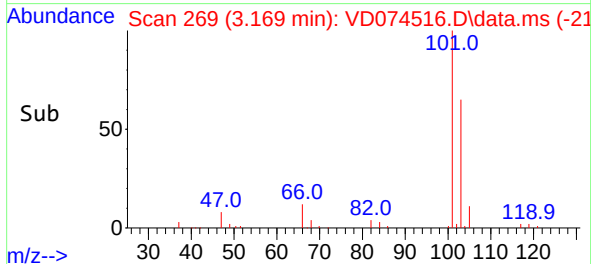
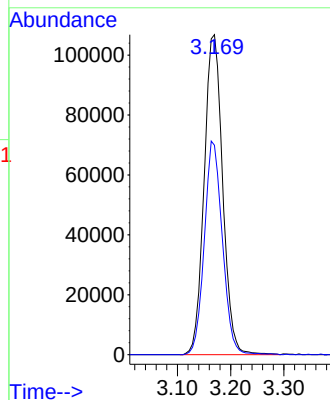
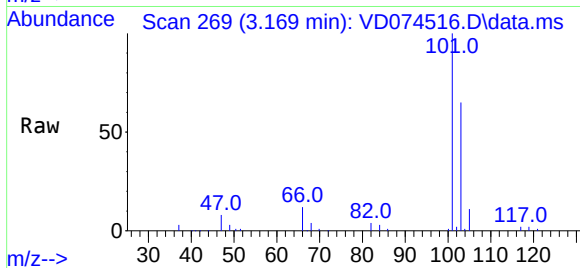




#7
Trichlorofluoromethane
Concen: 155.106 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

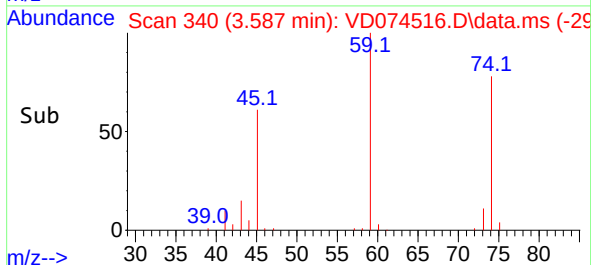
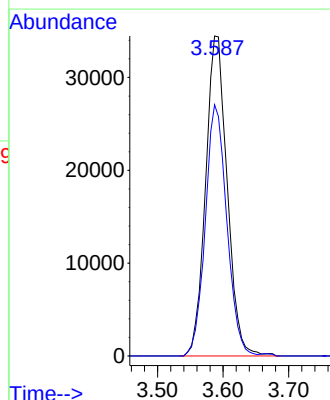
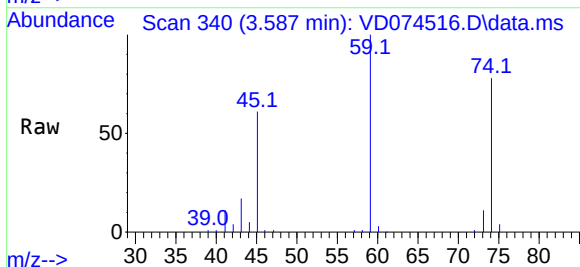
Instrument :
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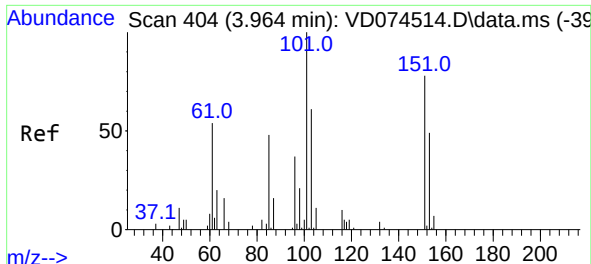
Tgt Ion:101 Resp: 257952
Ion Ratio Lower Upper
101 100
103 65.5 49.8 74.8



#8
Diethyl Ether
Concen: 157.976 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 74 Resp: 78866
Ion Ratio Lower Upper
74 100
45 78.2 37.9 113.6

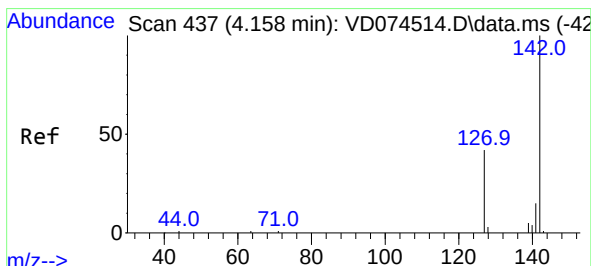
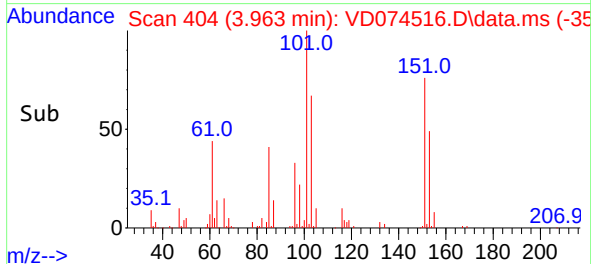
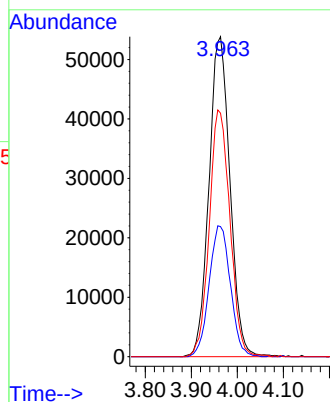
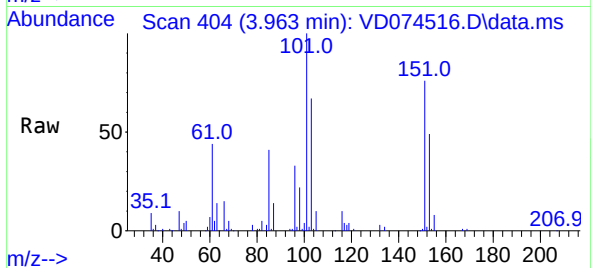




#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.461 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

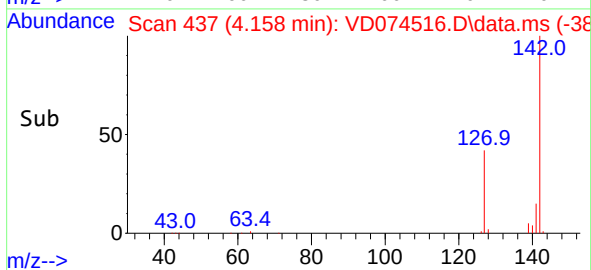
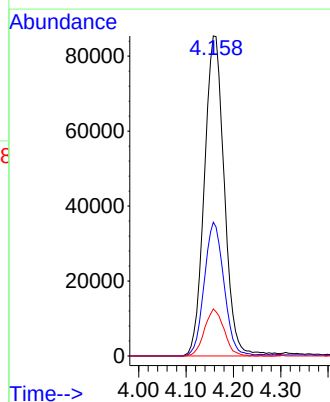
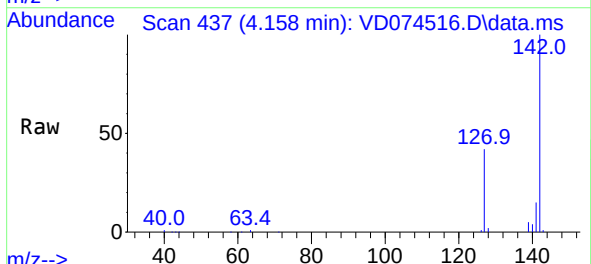
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

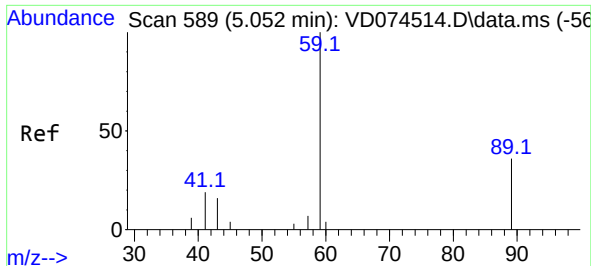
Tgt Ion:101 Resp: 170422
Ion Ratio Lower Upper
101 100
85 41.4 34.1 51.1
151 76.0 61.7 92.5



#10
Methyl Iodide
Concen: 195.488 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion:142 Resp: 250530
Ion Ratio Lower Upper
142 100
127 41.2 31.9 47.9
141 14.3 11.4 17.2

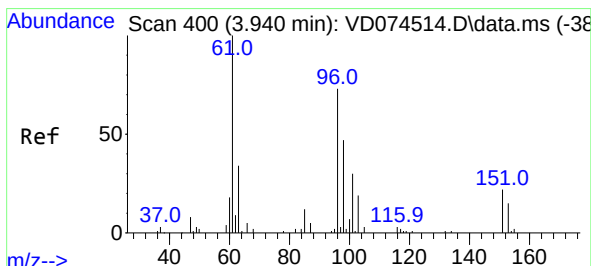
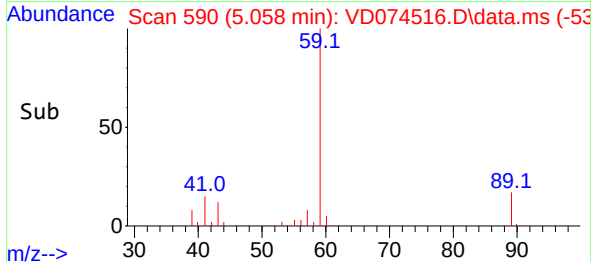
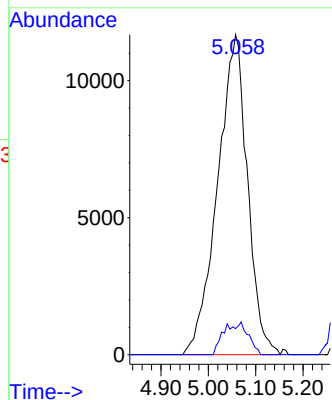
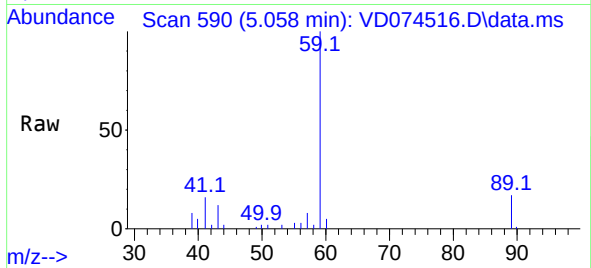




#11
Tert butyl alcohol
Concen: 343.874 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

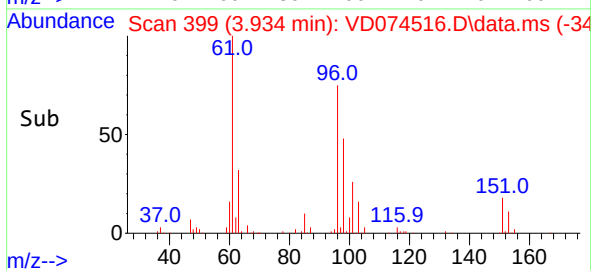
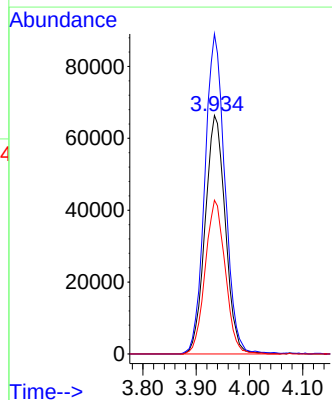
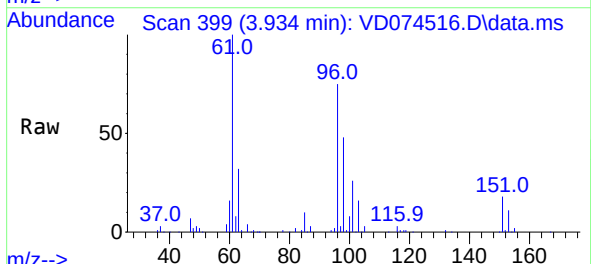
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

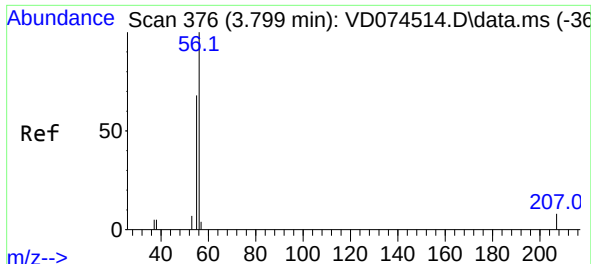
Tgt Ion: 59 Resp: 51205
Ion Ratio Lower Upper
59 100
57 4.5 4.4 6.6



#12
1,1-Dichloroethene
Concen: 153.417 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 96 Resp: 174676
Ion Ratio Lower Upper
96 100
61 134.2 113.9 170.9
98 64.5 51.8 77.8

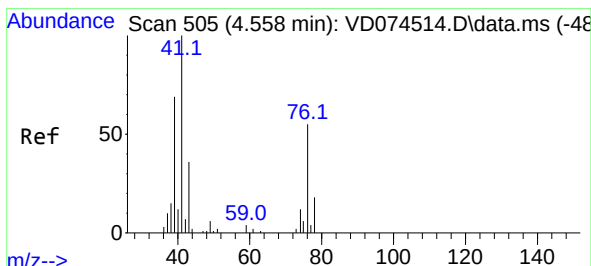
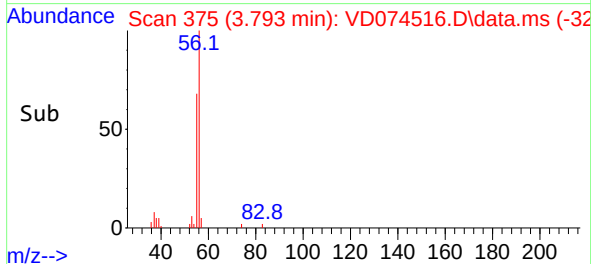
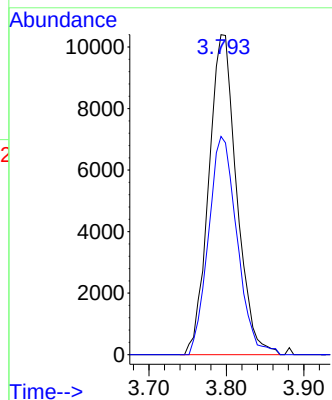
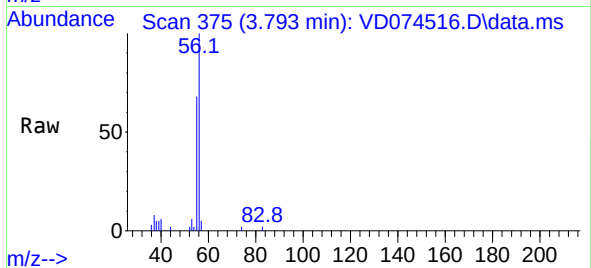




#13
Acrolein
Concen: 678.387 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

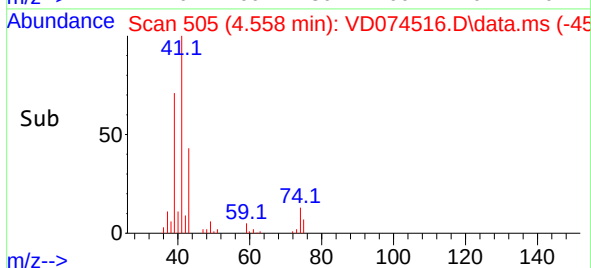
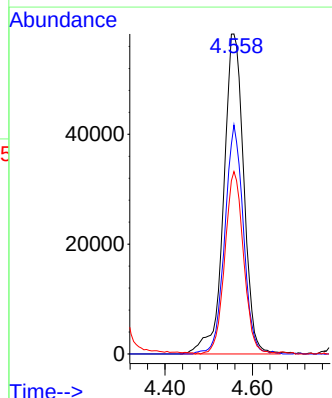
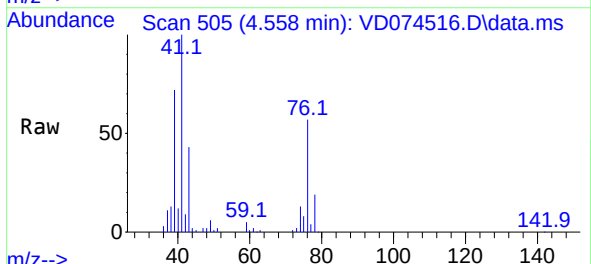
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

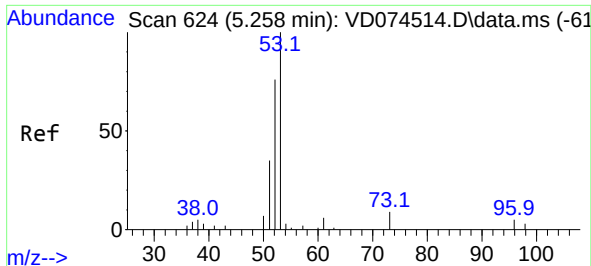
Tgt Ion: 56 Resp: 26052
Ion Ratio Lower Upper
56 100
55 69.9 54.0 81.0



#14
Allyl chloride
Concen: 150.142 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 41 Resp: 186096
Ion Ratio Lower Upper
41 100
39 66.1 53.4 80.2
76 53.1 42.4 63.6

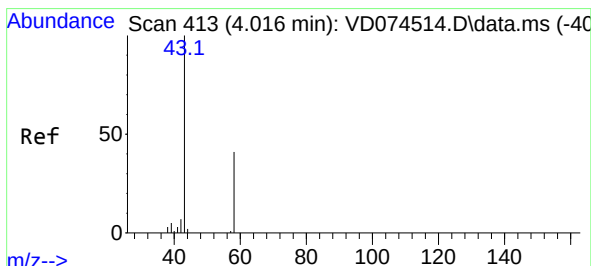
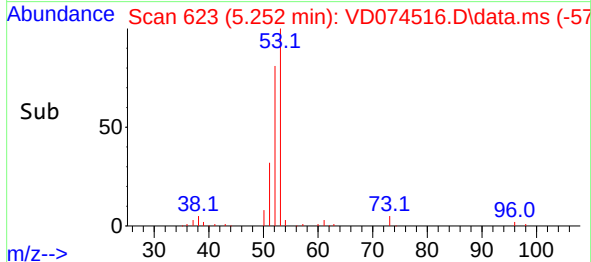
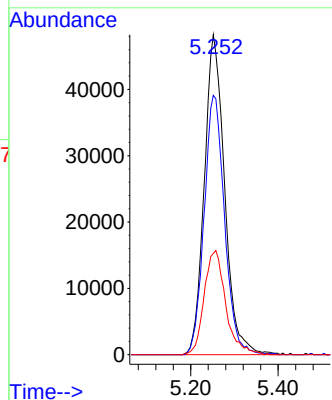
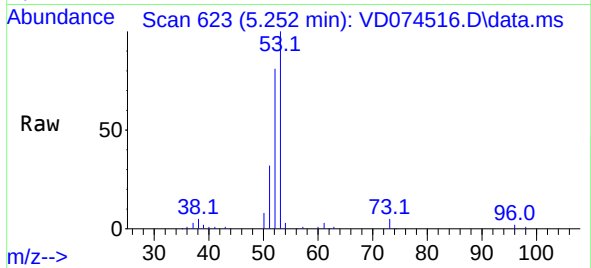




#15
Acrylonitrile
Concen: 786.077 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

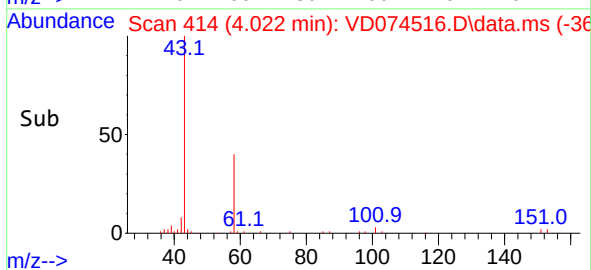
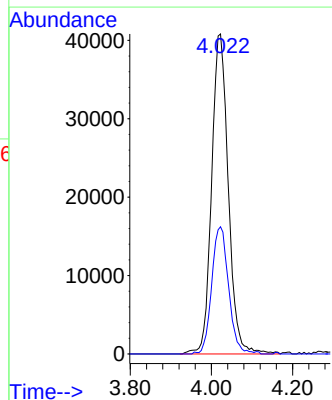
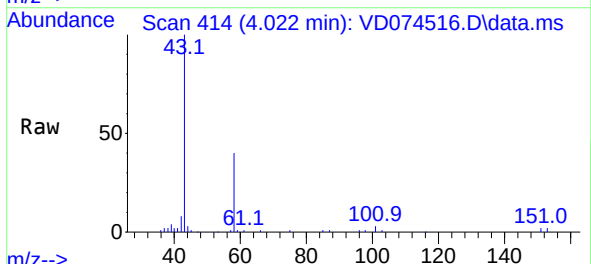
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

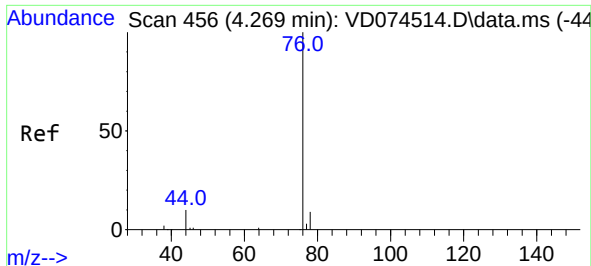
Tgt Ion: 53 Resp: 156216
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 34.6 28.3 42.5



#16
Acetone
Concen: 717.532 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 43 Resp: 116314
Ion Ratio Lower Upper
43 100
58 39.8 30.2 45.2

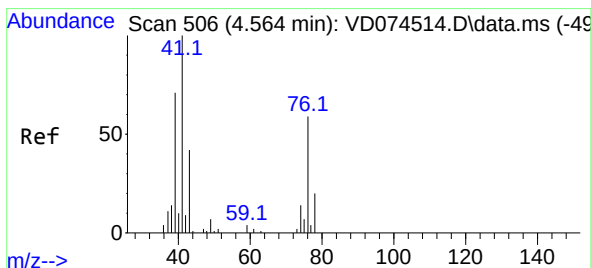
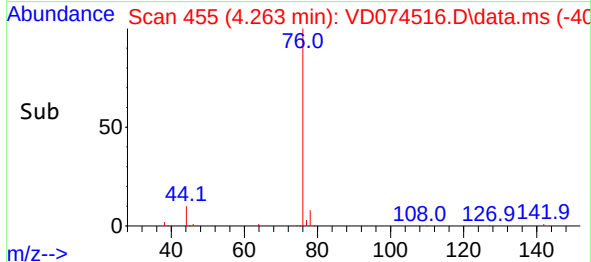
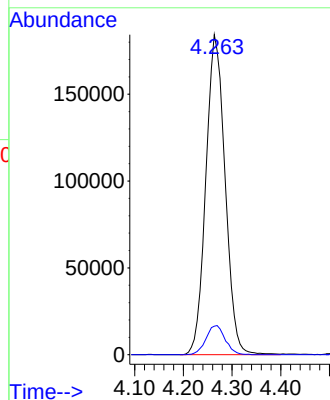
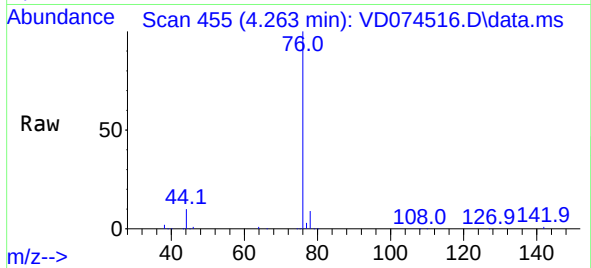




#17
Carbon Disulfide
Concen: 150.174 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

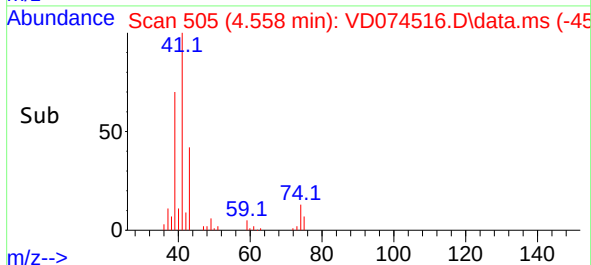
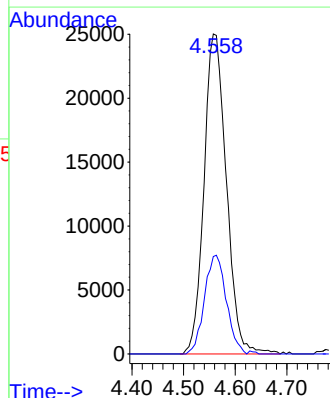
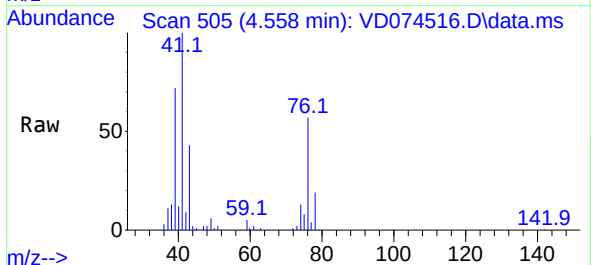
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

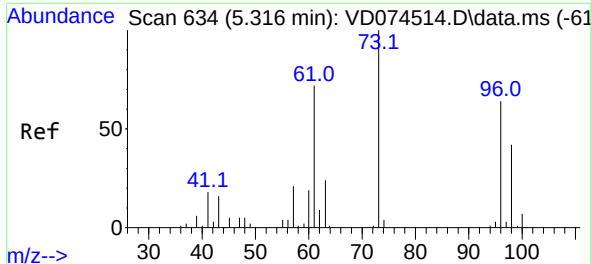
Tgt Ion: 76 Resp: 505543
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8



#18
Methyl Acetate
Concen: 145.857 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 43 Resp: 75236
Ion Ratio Lower Upper
43 100
74 30.1 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 155.141 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

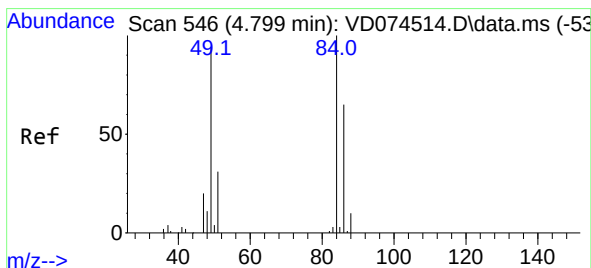
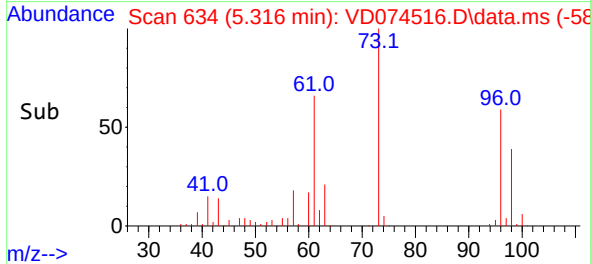
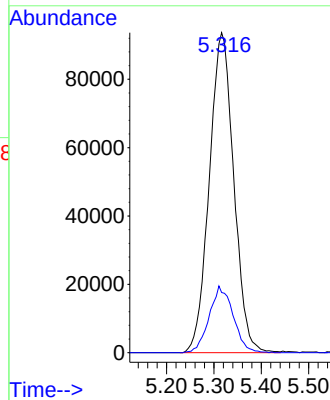
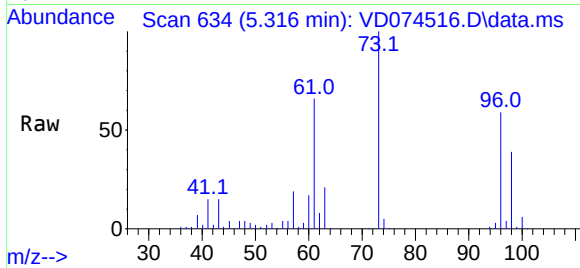
VSTDIC150

Tgt Ion: 73 Resp: 336135

Ion Ratio Lower Upper

73 100

57 18.8 16.1 24.1



#20

Methylene Chloride

Concen: 109.346 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Tgt Ion: 84 Resp: 184680

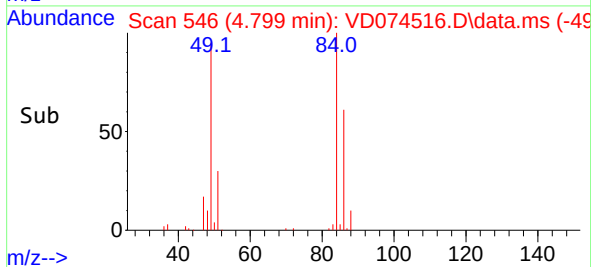
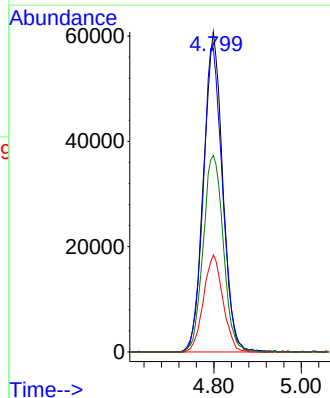
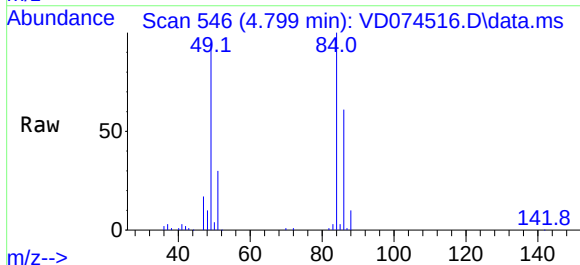
Ion Ratio Lower Upper

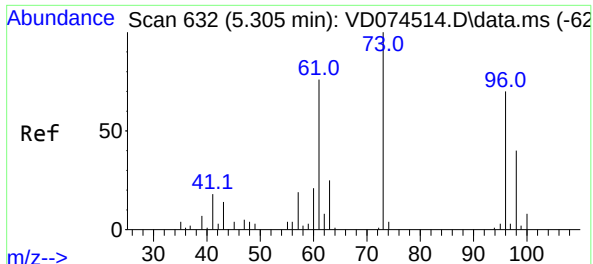
84 100

49 94.9 68.0 102.0

51 30.4 23.2 34.8

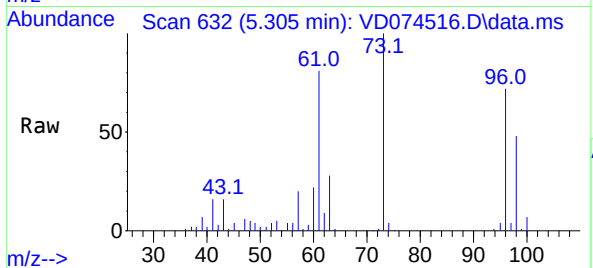
86 61.4 48.0 72.0





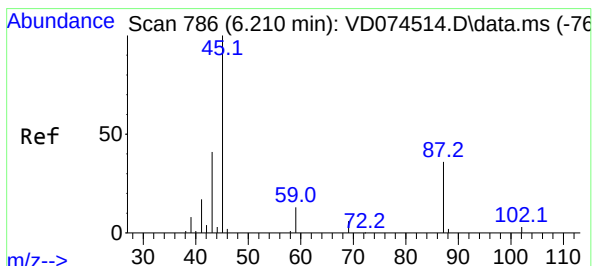
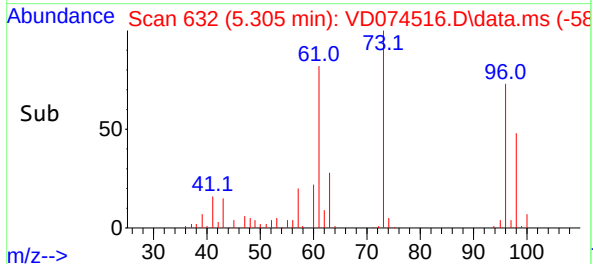
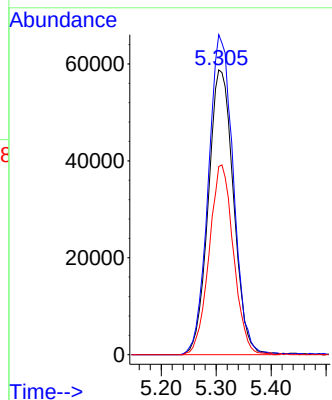
#21
trans-1,2-Dichloroethene
Concen: 152.466 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 186977

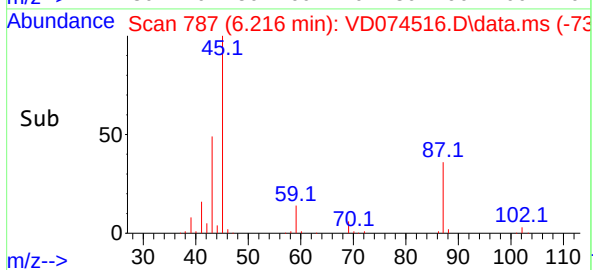
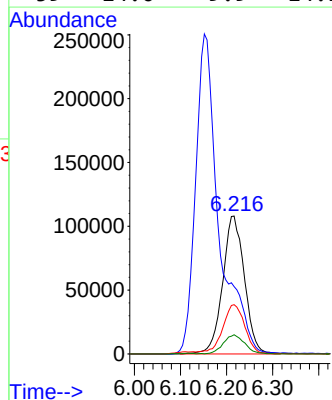
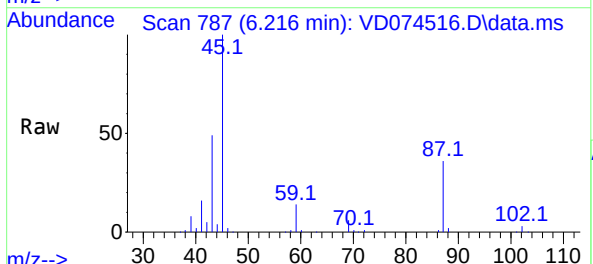
Ion	Ratio	Lower	Upper
96	100		
61	112.4	95.7	143.5
98	66.1	54.8	82.2

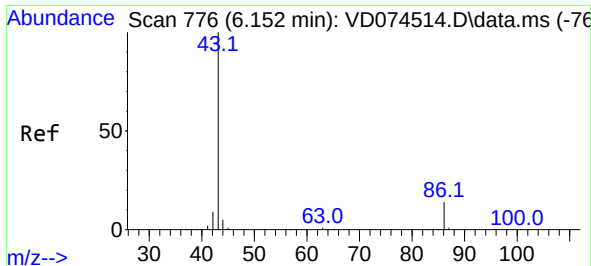


#22
Diisopropyl ether
Concen: 143.065 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 45 Resp: 354544

Ion	Ratio	Lower	Upper
45	100		
43	48.3	37.8	56.6
87	35.5	26.6	40.0
59	14.0	9.9	14.9

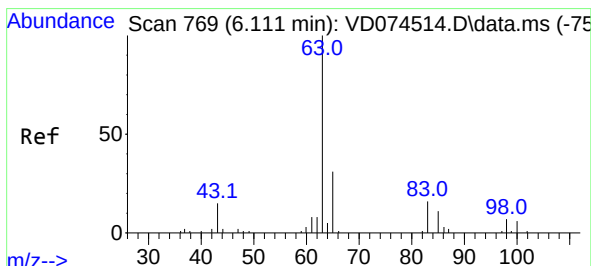
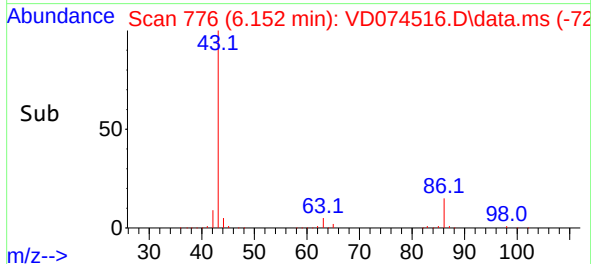
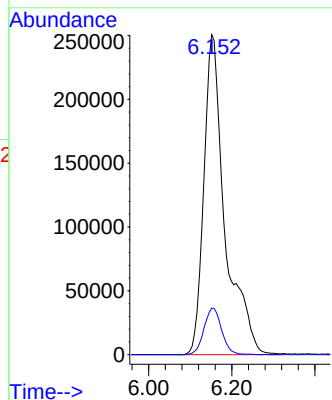
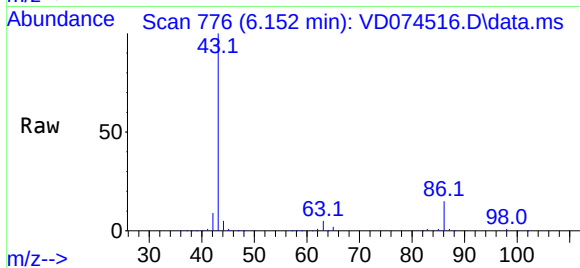




#23
 Vinyl Acetate
 Concen: 874.289 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD074516.D
 Acq: 11 Oct 2022 13:54

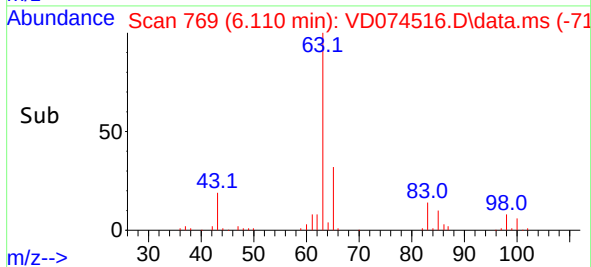
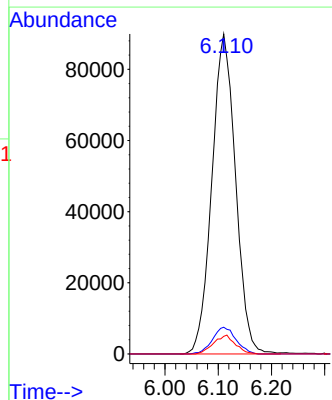
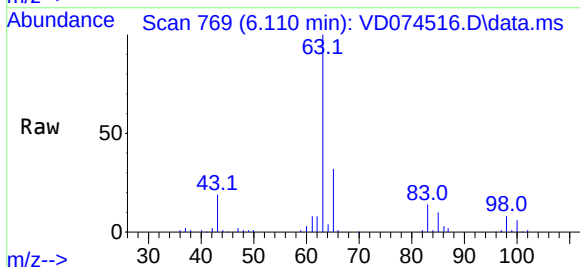
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

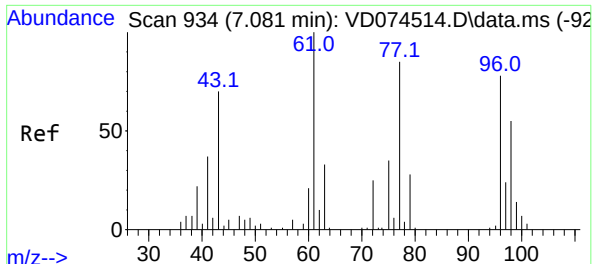
Tgt Ion: 43 Resp: 885835
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 144.778 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD074516.D
 Acq: 11 Oct 2022 13:54

Tgt Ion: 63 Resp: 277736
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.6 13.8
 100 5.5 2.9 8.6

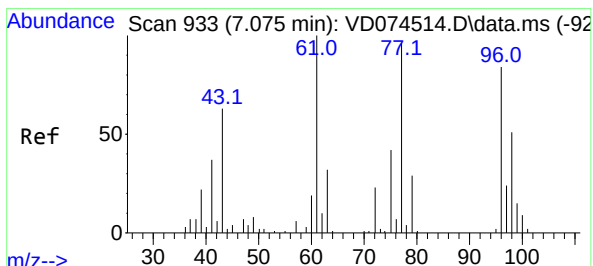
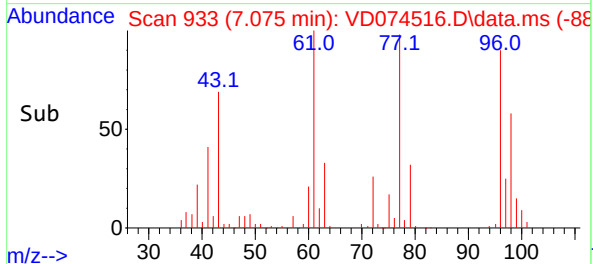
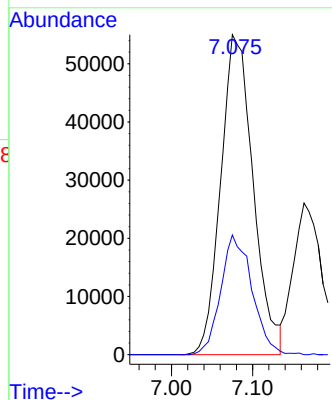
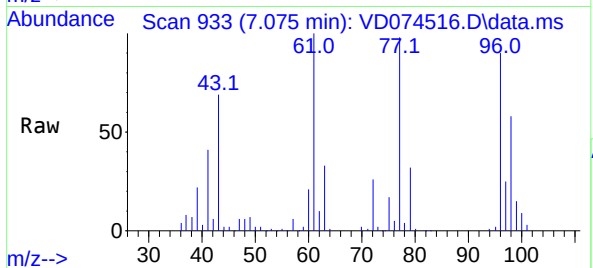




#25
2-Butanone
Concen: 683.215 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

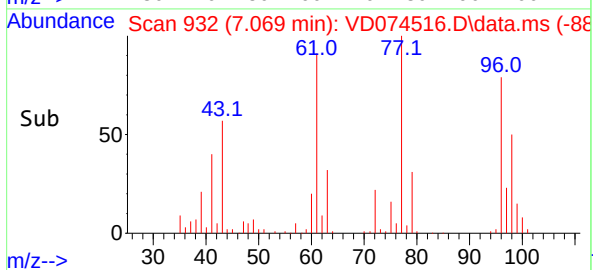
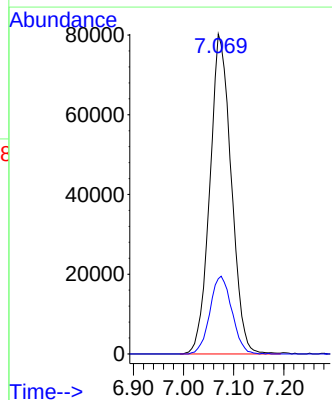
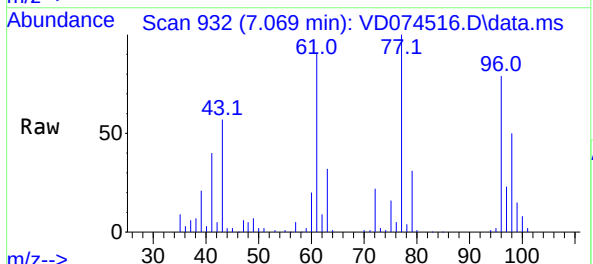
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

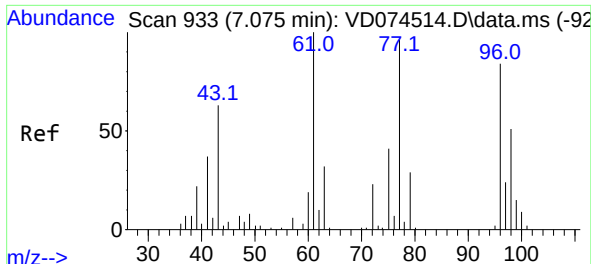
Tgt Ion: 43 Resp: 152883
Ion Ratio Lower Upper
43 100
72 37.4 25.8 38.8



#26
2,2-Dichloropropane
Concen: 140.940 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 77 Resp: 237997
Ion Ratio Lower Upper
77 100
97 24.9 12.5 37.5



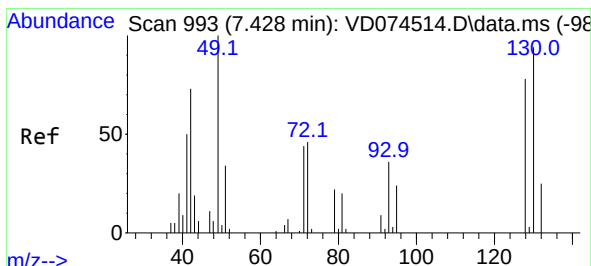
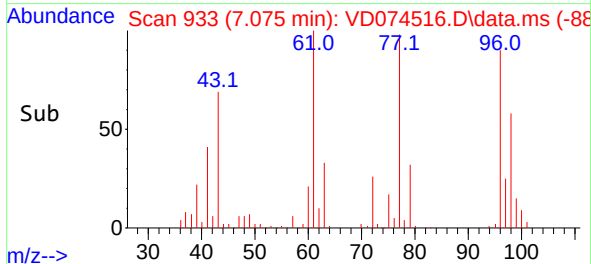
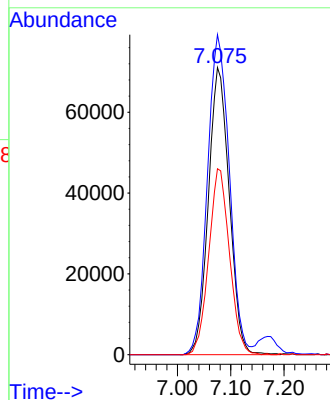
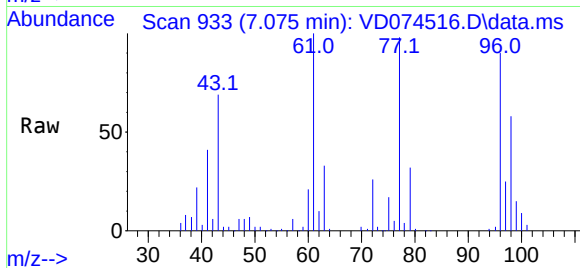


#27
 cis-1,2-Dichloroethene
 Concen: 148.165 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD074516.D
 Acq: 11 Oct 2022 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 193532

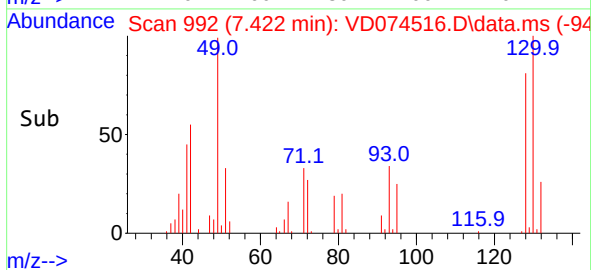
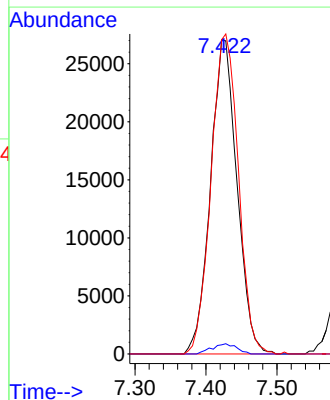
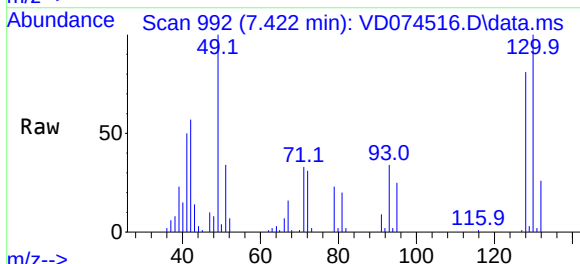
Ion	Ratio	Lower	Upper
96	100		
61	116.7	0.0	242.4
98	64.2	0.0	130.0

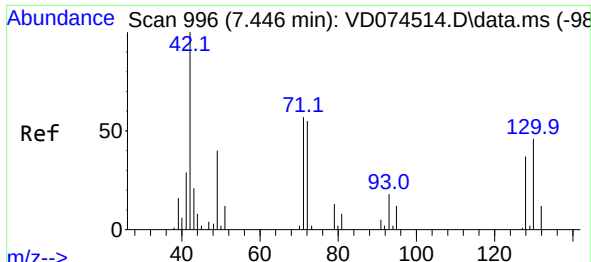


#28
 Bromochloromethane
 Concen: 138.452 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD074516.D
 Acq: 11 Oct 2022 13:54

Tgt Ion: 49 Resp: 70129

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	104.7	84.1	126.1

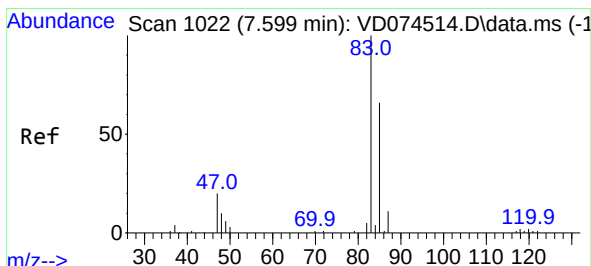
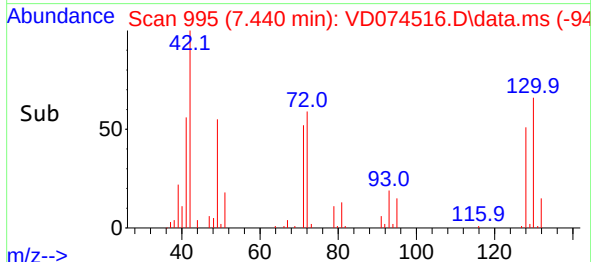
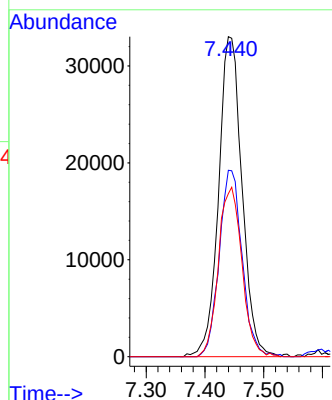
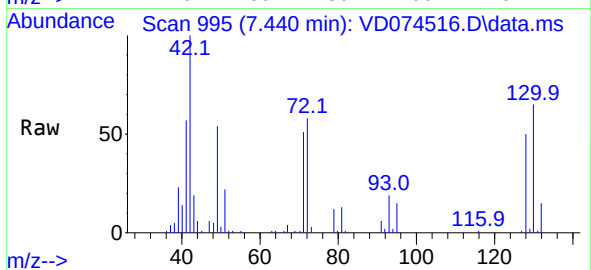




#29
Tetrahydrofuran
Concen: 739.926 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

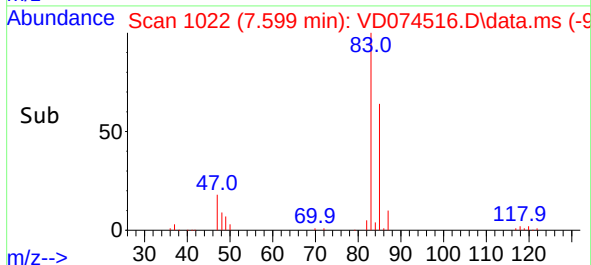
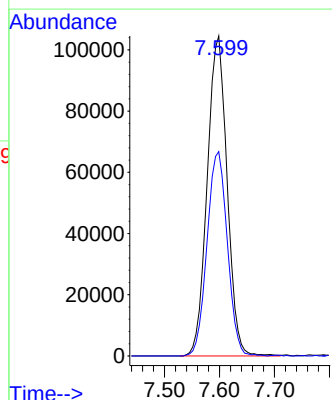
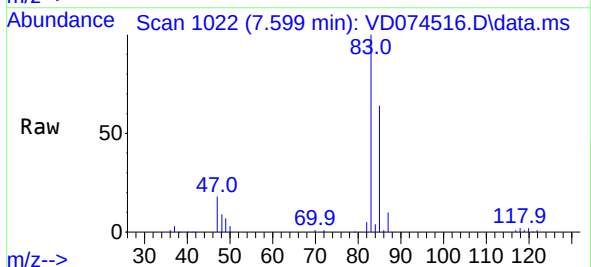
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

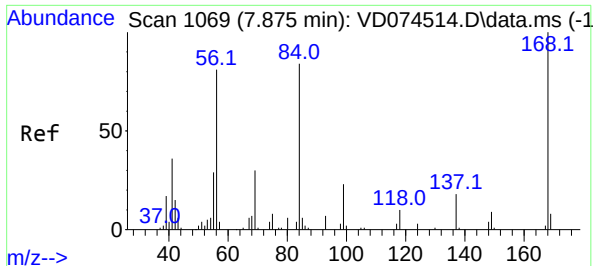
Tgt Ion: 42 Resp: 91309
Ion Ratio Lower Upper
42 100
72 57.0 45.8 68.6
71 53.3 44.6 66.8



#30
Chloroform
Concen: 141.431 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 83 Resp: 262875
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0

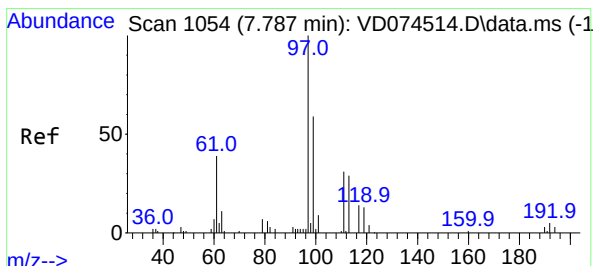
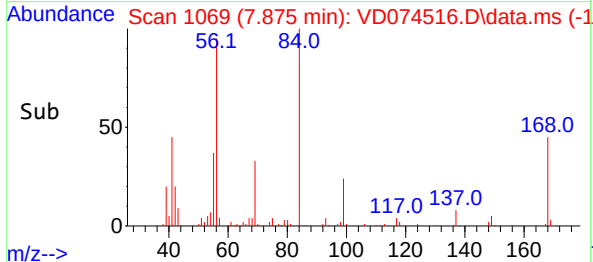
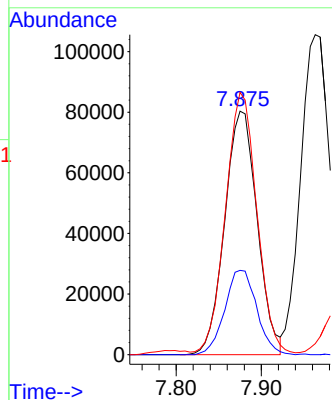
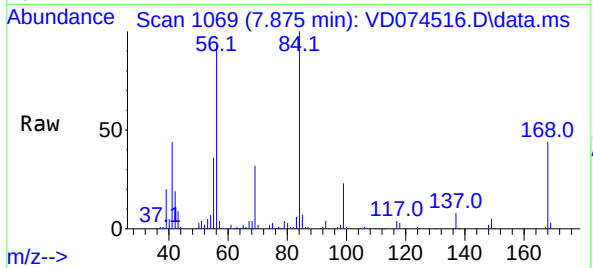




#31
Cyclohexane
Concen: 133.267 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

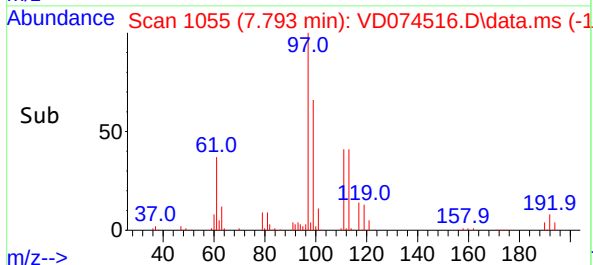
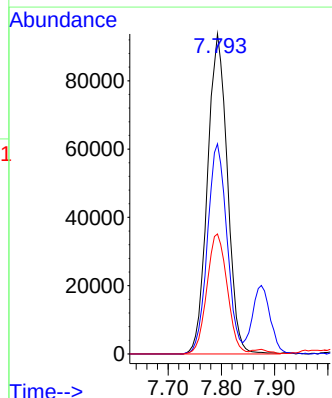
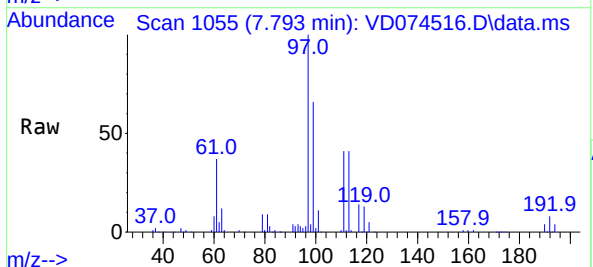
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

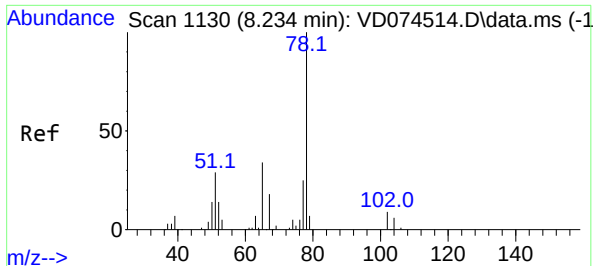
Tgt Ion: 56 Resp: 213083
Ion Ratio Lower Upper
56 100
69 34.6 29.2 43.8
84 106.3 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 144.251 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 97 Resp: 242784
Ion Ratio Lower Upper
97 100
99 64.6 53.3 79.9
61 38.4 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 149.237 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

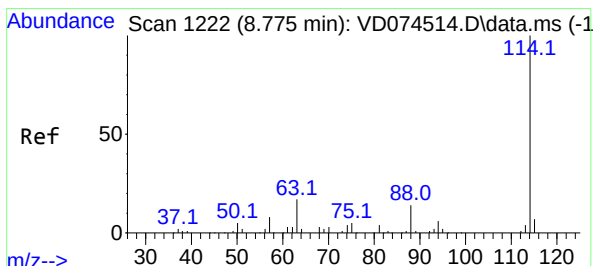
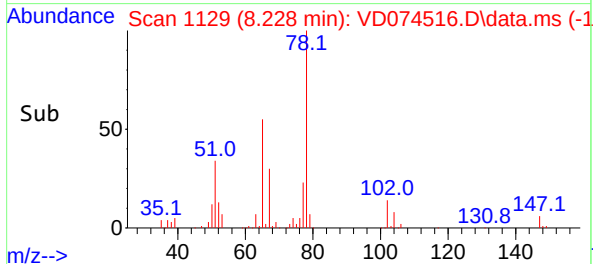
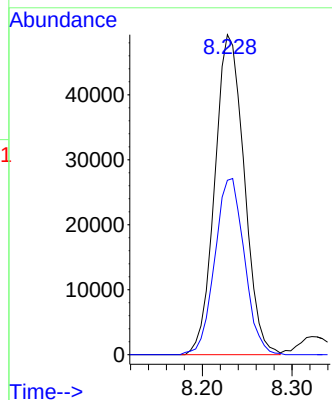
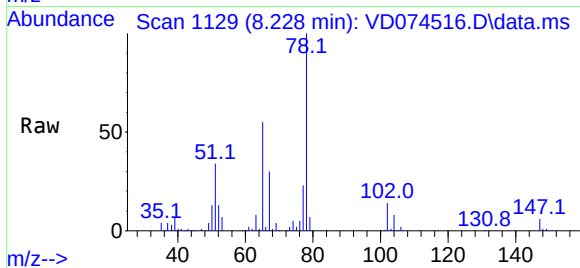
VSTDIC150

Tgt Ion: 65 Resp: 112150

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

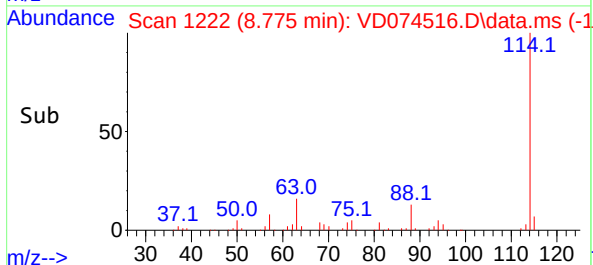
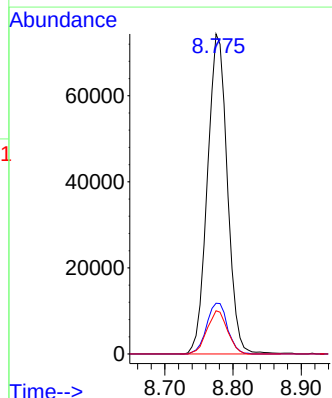
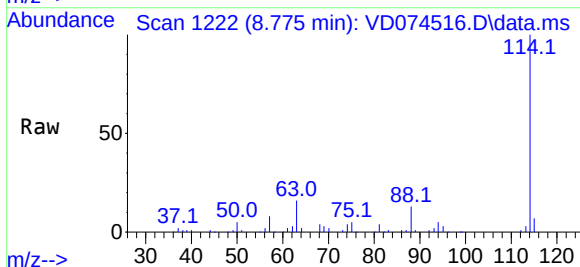
Tgt Ion: 114 Resp: 150845

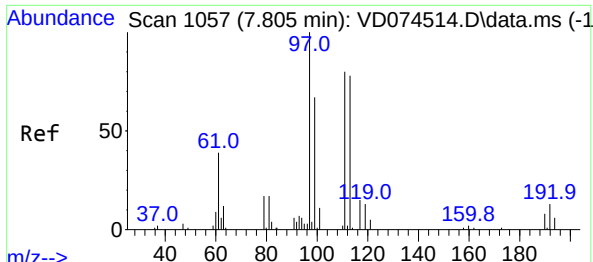
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

88 13.5 0.0 28.2

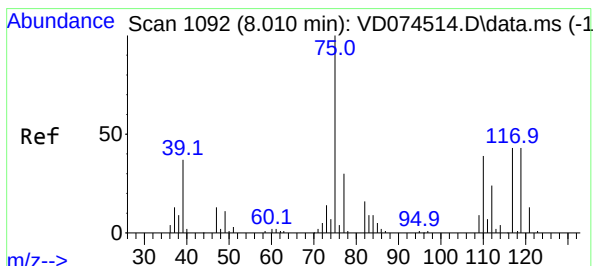
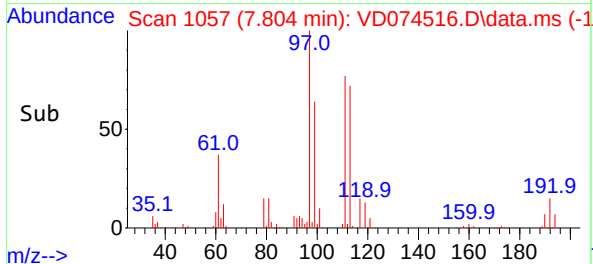
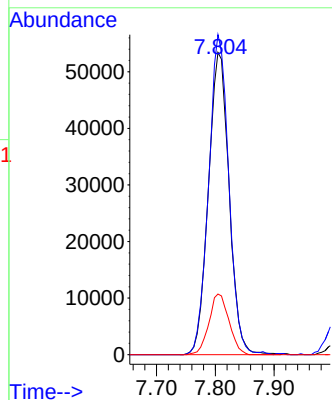
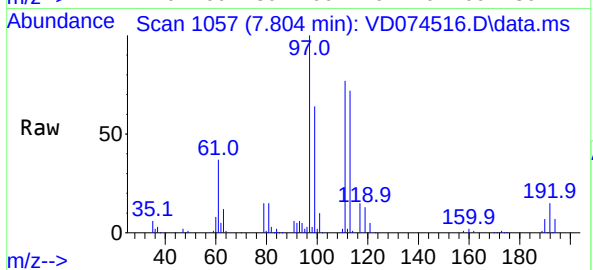




#35
Dibromofluoromethane
Concen: 132.200 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

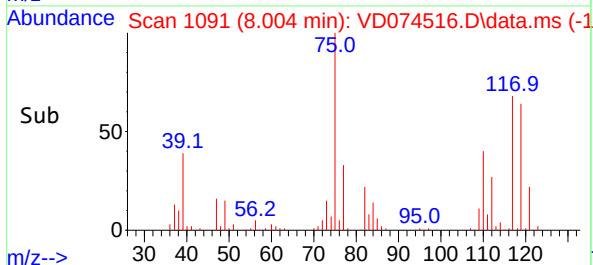
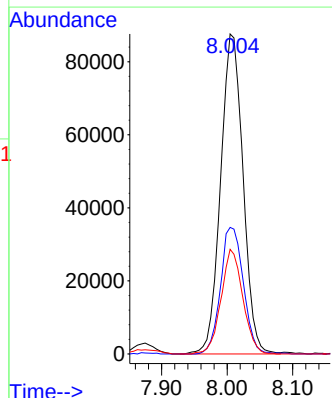
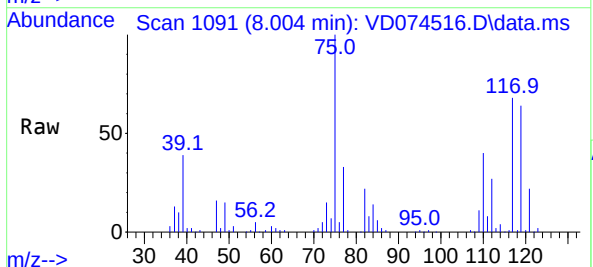
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

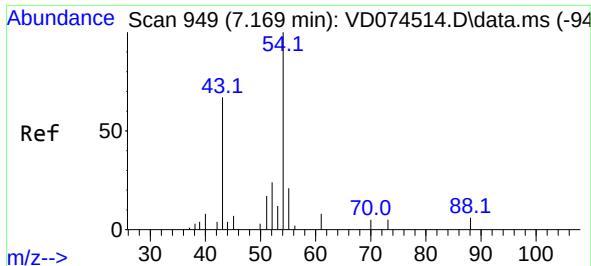
Tgt Ion:113 Resp: 130534
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.4 16.4 24.6



#36
1,1-Dichloropropene
Concen: 143.643 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 75 Resp: 207951
Ion Ratio Lower Upper
75 100
110 40.4 19.7 59.0
77 31.8 25.4 38.2



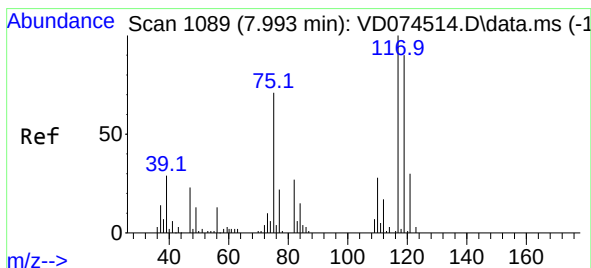
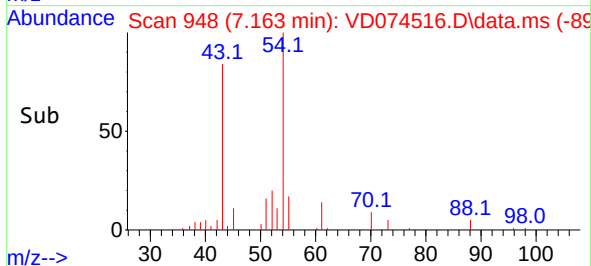
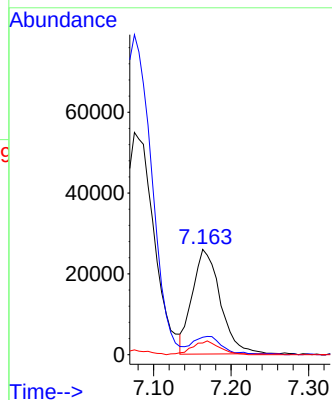
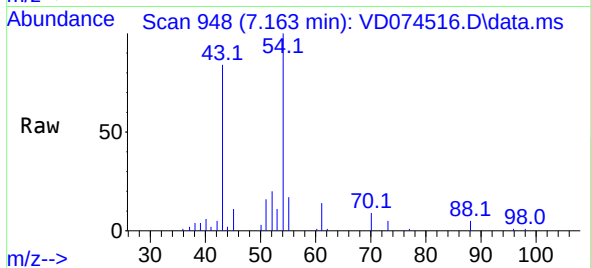


#37
Ethyl Acetate
Concen: 136.288 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 64757

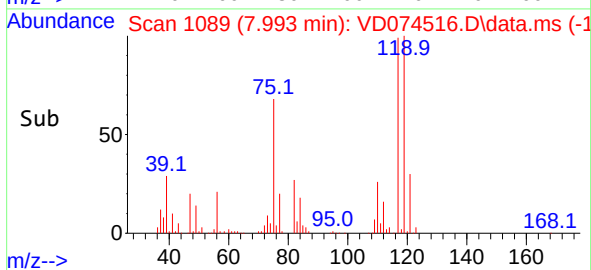
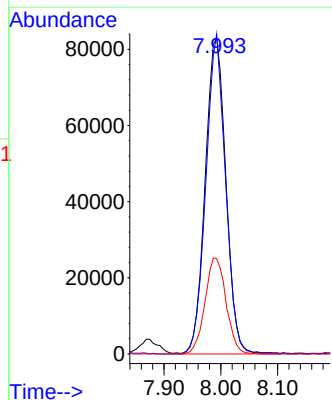
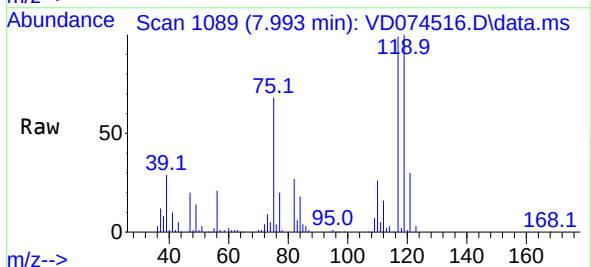
Ion	Ratio	Lower	Upper
43	100		
61	17.1	12.2	18.4
70	12.7	9.6	14.4

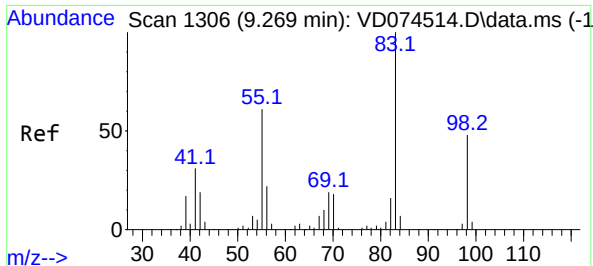


#38
Carbon Tetrachloride
Concen: 156.547 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 117 Resp: 209544

Ion	Ratio	Lower	Upper
117	100		
119	101.4	73.1	109.7
121	30.3	25.0	37.6

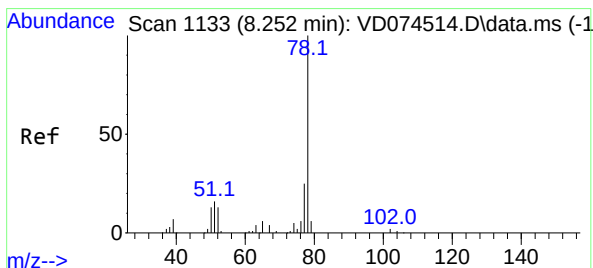
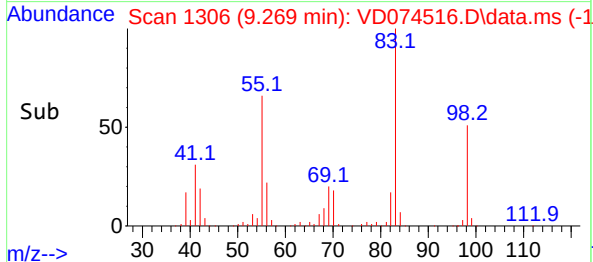
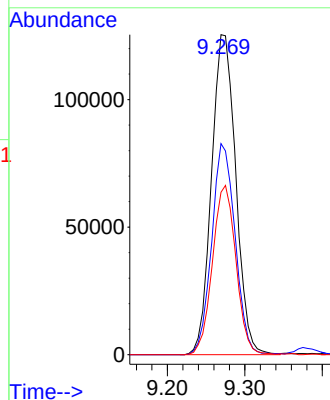
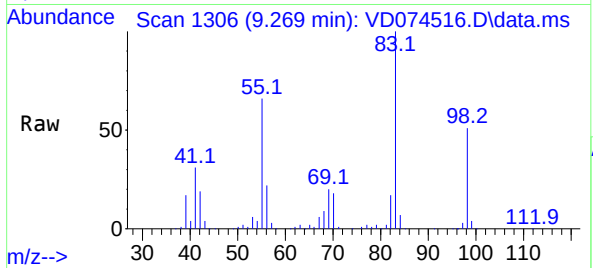




#39
Methylcyclohexane
Concen: 150.837 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

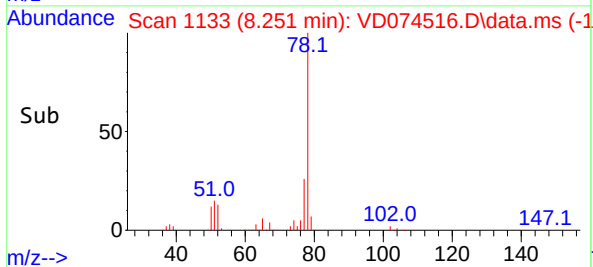
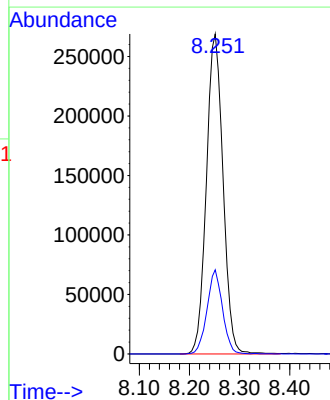
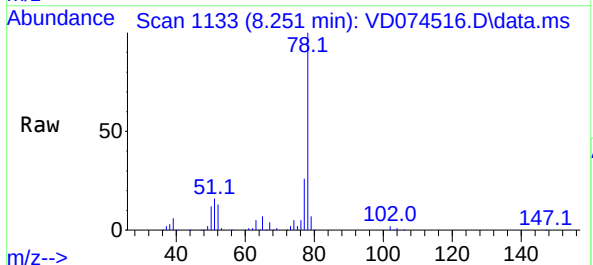
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

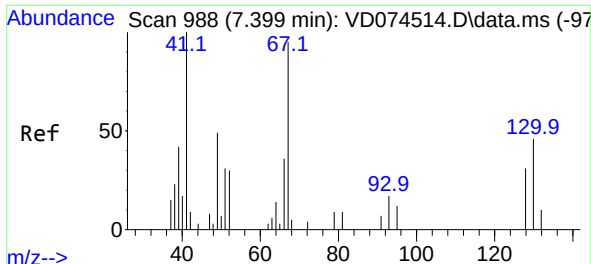
Tgt Ion: 83 Resp: 273316
Ion Ratio Lower Upper
83 100
55 66.0 49.0 73.4
98 50.8 41.7 62.5



#40
Benzene
Concen: 143.848 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 78 Resp: 619806
Ion Ratio Lower Upper
78 100
77 26.3 20.1 30.1

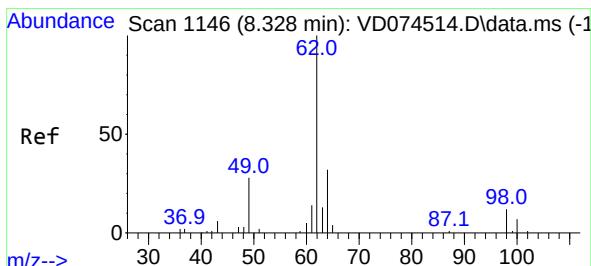
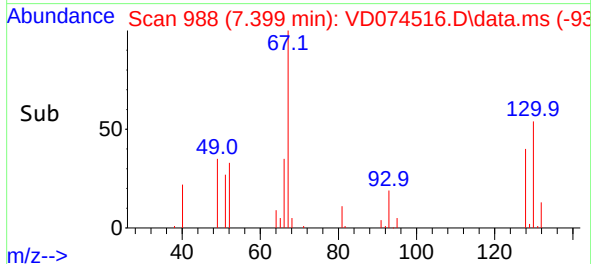
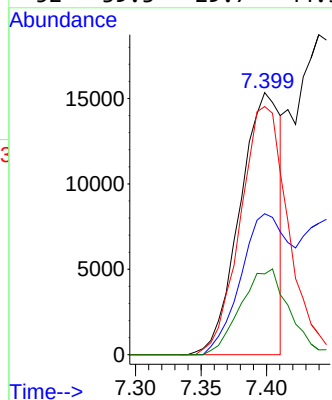
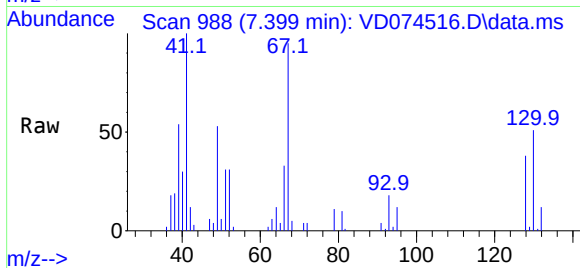




#41
Methacrylonitrile
Concen: 116.027 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

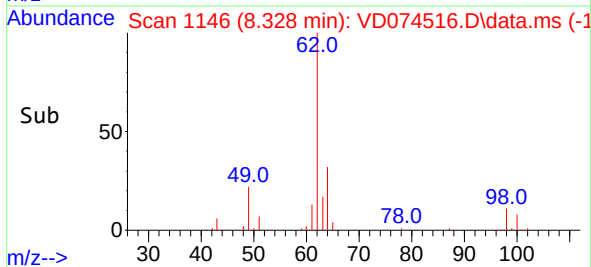
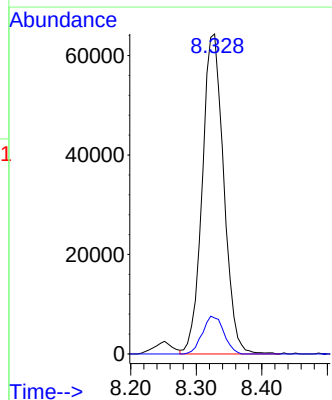
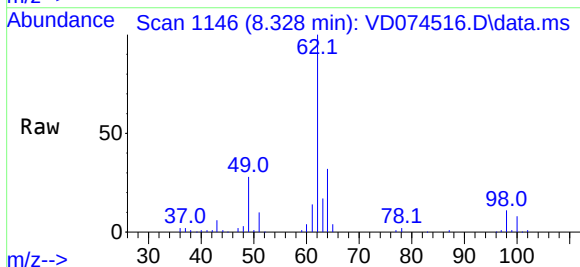
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

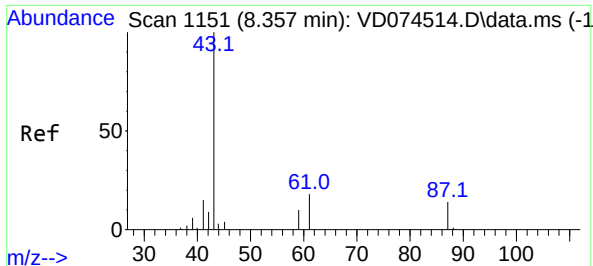
Tgt Ion: 41 Resp: 32970
Ion Ratio Lower Upper
41 100
39 66.3 35.0 52.6#
67 111.8 77.0 115.6
52 39.3 29.7 44.5



#42
1,2-Dichloroethane
Concen: 143.812 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 62 Resp: 146420
Ion Ratio Lower Upper
62 100
98 11.8 0.0 24.2





#43

Isopropyl Acetate

Concen: 153.387 ug/l

RT: 8.363 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

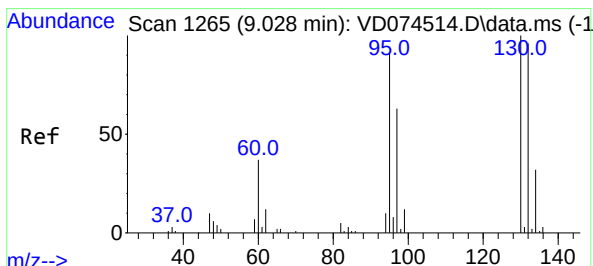
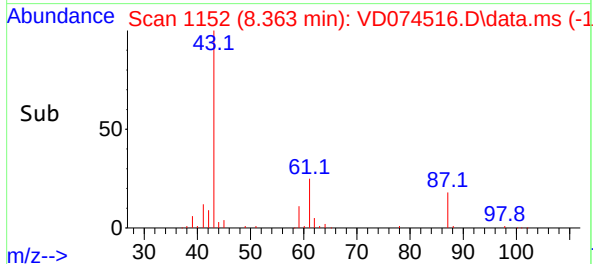
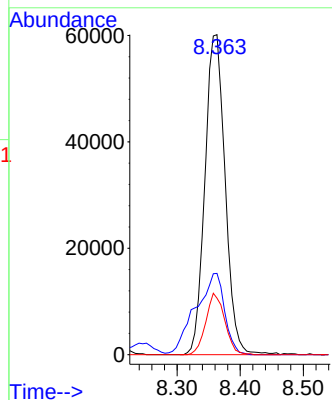
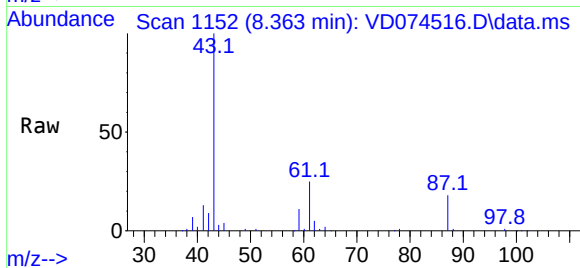
Tgt Ion: 43 Resp: 133912

Ion Ratio Lower Upper

43 100

61 36.4 30.9 46.3

87 18.0 14.3 21.5



#44

Trichloroethene

Concen: 146.311 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074516.D

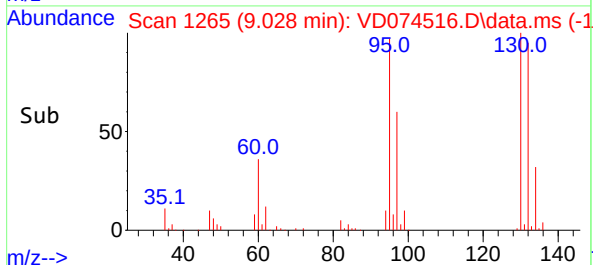
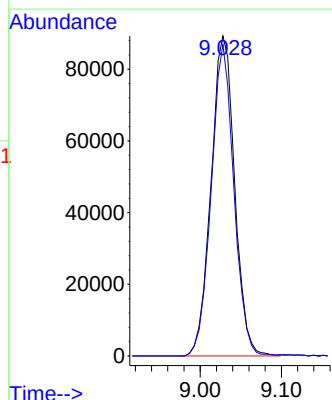
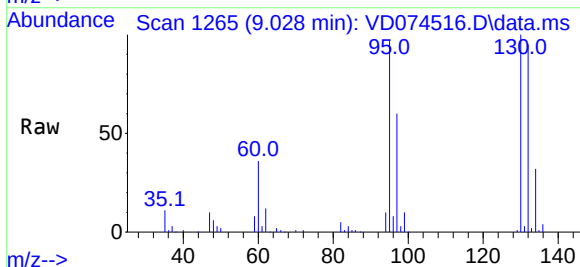
Acq: 11 Oct 2022 13:54

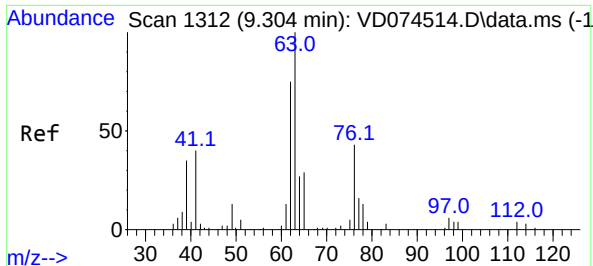
Tgt Ion:130 Resp: 180348

Ion Ratio Lower Upper

130 100

95 97.3 0.0 185.4





#45

1,2-Dichloropropane

Concen: 144.816 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

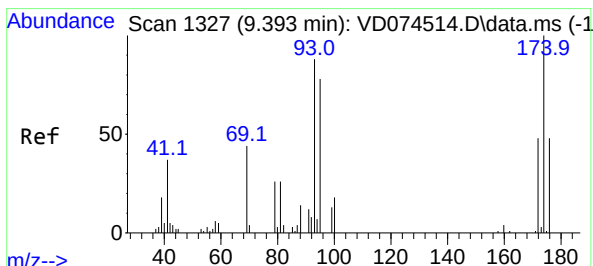
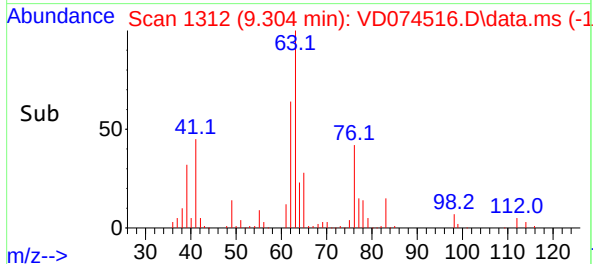
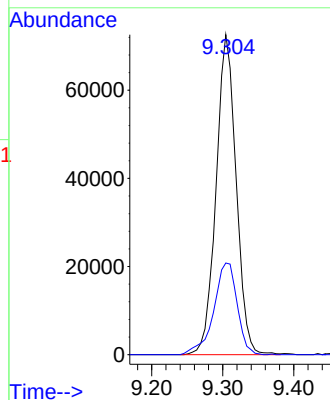
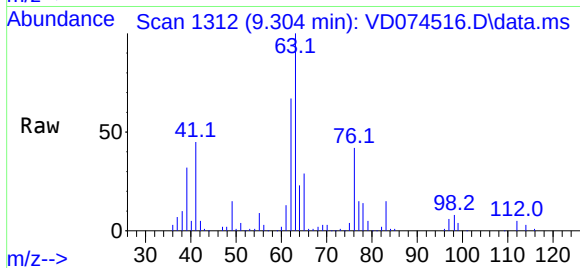
VSTDIC150

Tgt Ion: 63 Resp: 142157

Ion Ratio Lower Upper

63 100

65 28.7 23.1 34.7



#46

Dibromomethane

Concen: 147.828 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

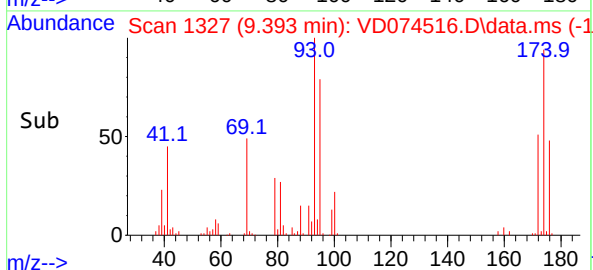
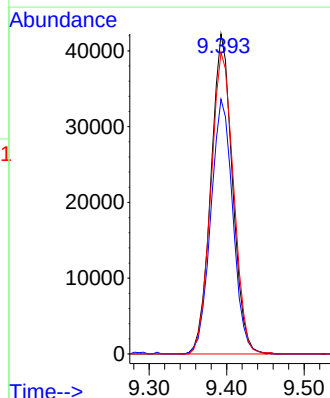
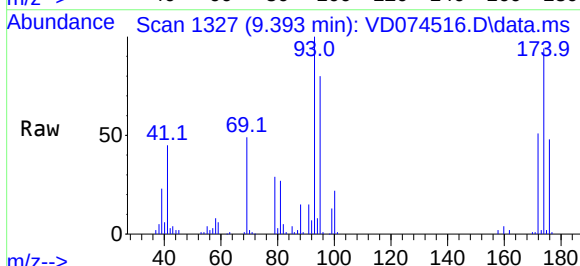
Tgt Ion: 93 Resp: 81537

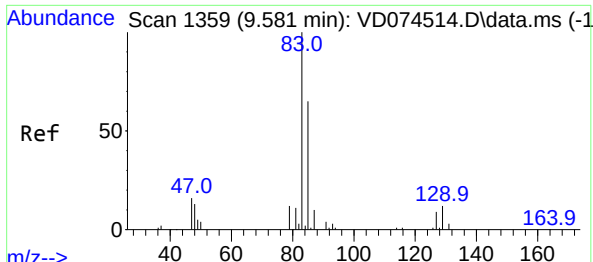
Ion Ratio Lower Upper

93 100

95 81.5 68.2 102.2

174 98.9 87.4 131.0

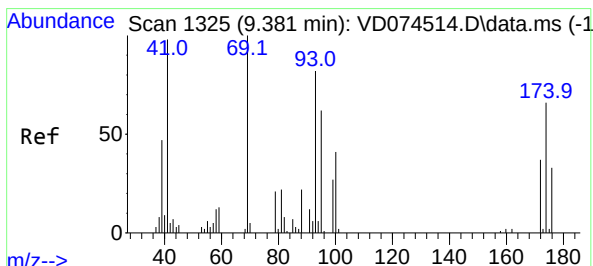
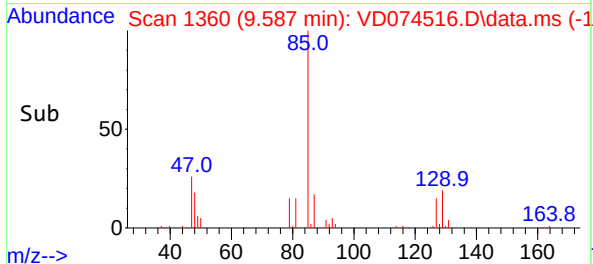
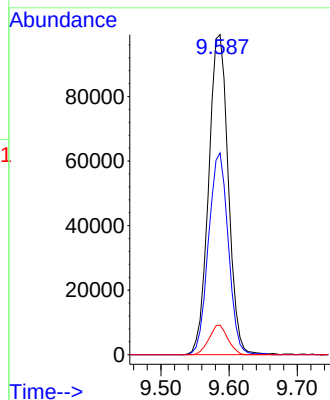
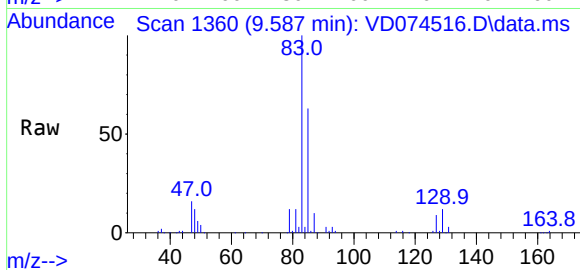




#47
Bromodichloromethane
Concen: 145.855 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

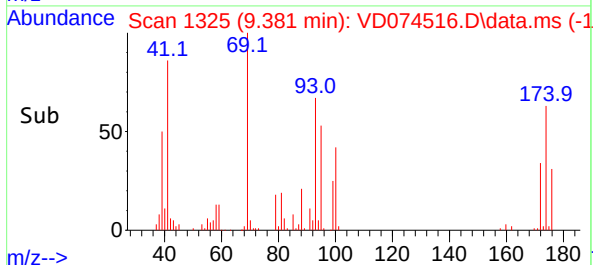
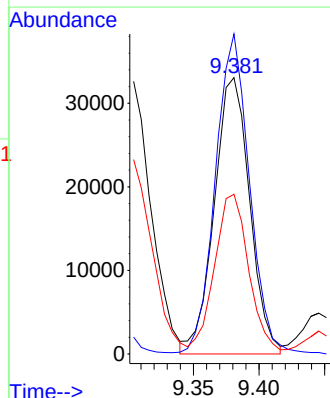
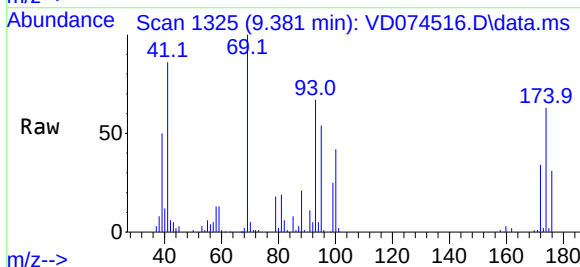
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

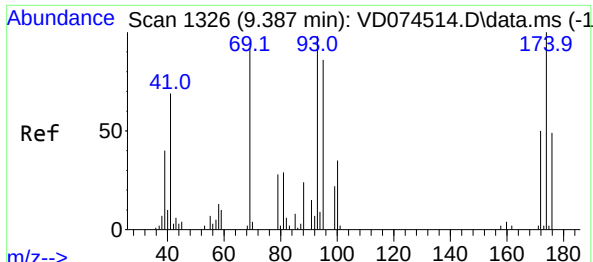
Tgt Ion: 83 Resp: 198864
Ion Ratio Lower Upper
83 100
85 63.0 48.8 73.2
127 9.3 6.7 10.1



#48
Methyl methacrylate
Concen: 147.363 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 41 Resp: 62257
Ion Ratio Lower Upper
41 100
69 111.3 93.0 139.4
39 52.9 44.6 66.8





#49

1,4-Dioxane

Concen: 3062.268 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

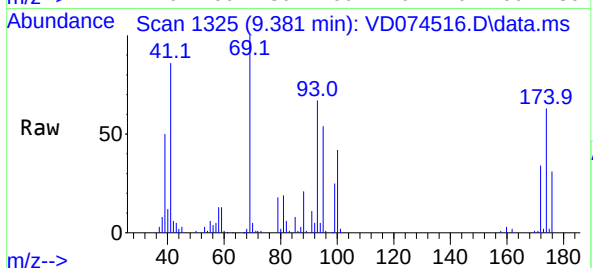
Tgt Ion: 88 Resp: 17547

Ion Ratio Lower Upper

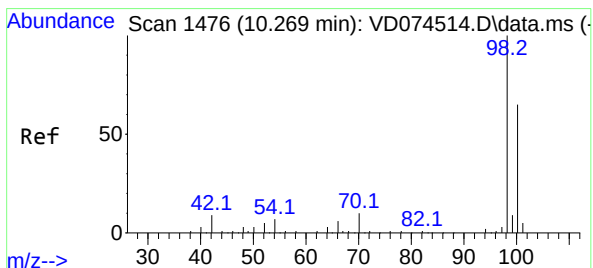
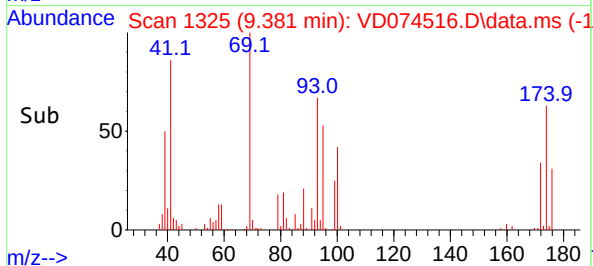
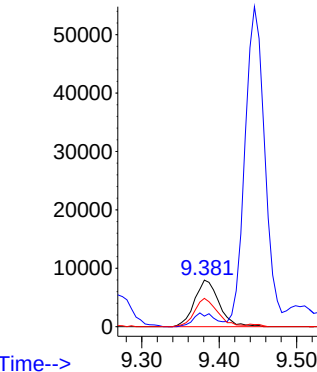
88 100

43 25.7 24.1 36.1

58 57.1 43.1 64.7



Abundance



#50

Toluene-d8

Concen: 158.954 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074516.D

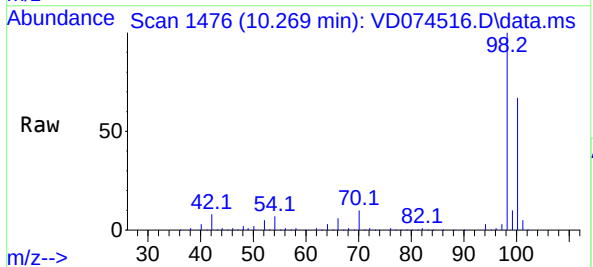
Acq: 11 Oct 2022 13:54

Tgt Ion: 98 Resp: 527053

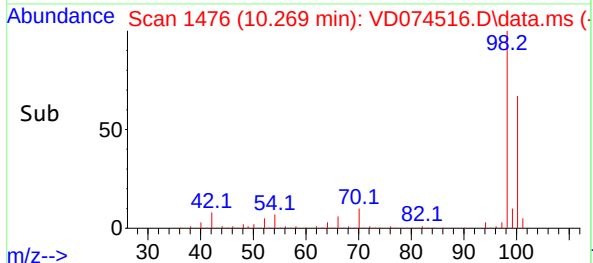
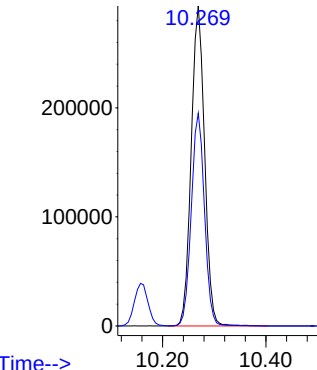
Ion Ratio Lower Upper

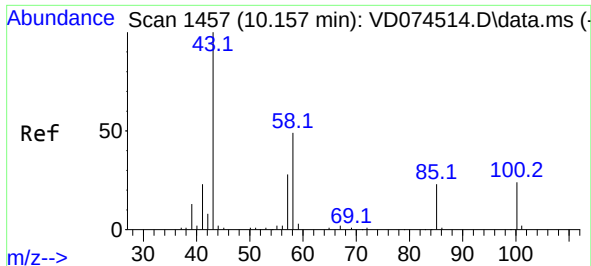
98 100

100 65.6 51.4 77.0



Abundance

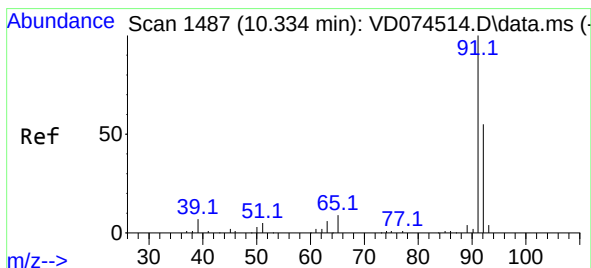
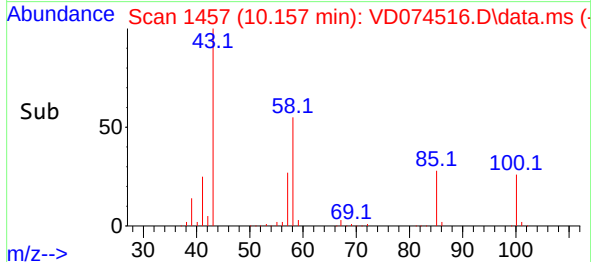
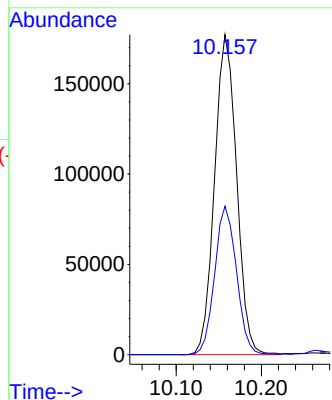
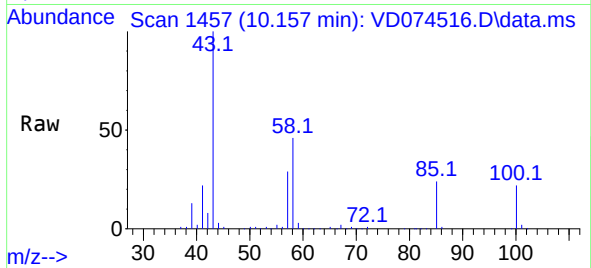




#51
4-Methyl-2-Pentanone
Concen: 737.417 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

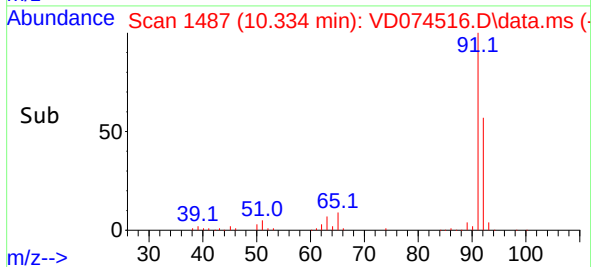
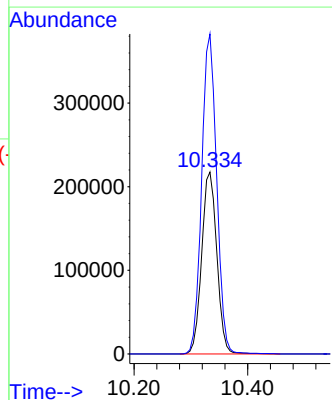
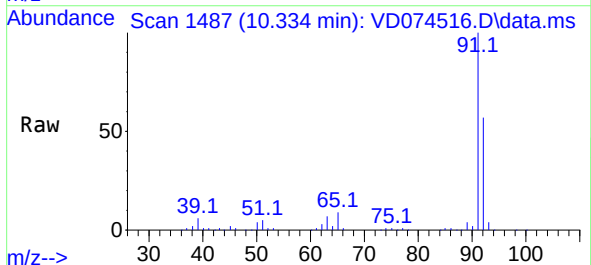
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

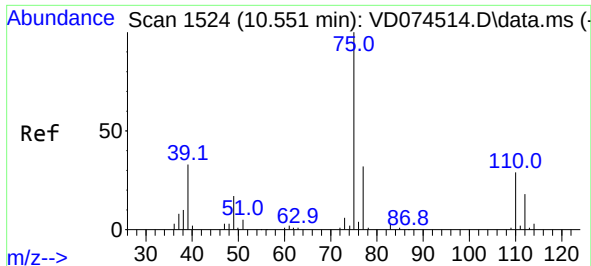
Tgt Ion: 43 Resp: 318488
Ion Ratio Lower Upper
43 100
58 46.0 37.8 56.6



#52
Toluene
Concen: 147.532 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 92 Resp: 401753
Ion Ratio Lower Upper
92 100
91 174.3 139.0 208.4

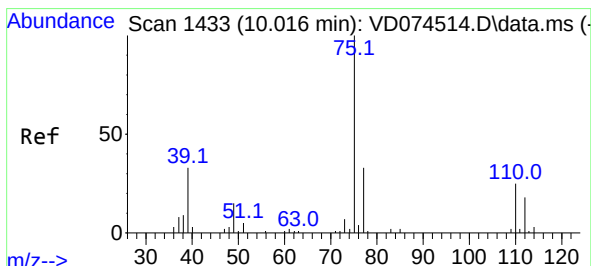
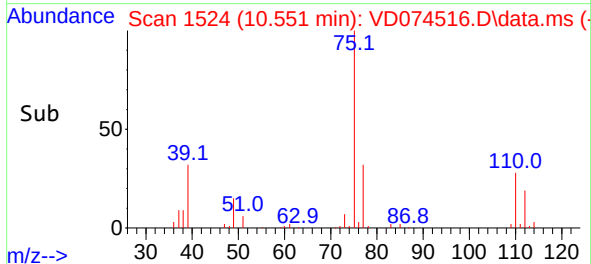
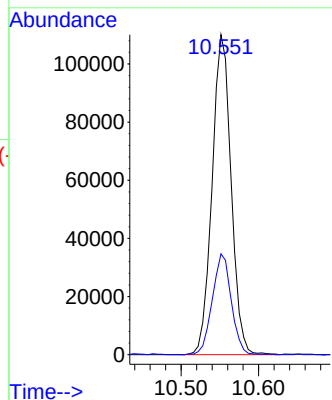
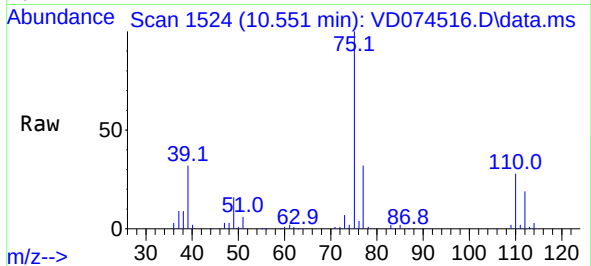




#53
t-1,3-Dichloropropene
Concen: 157.687 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

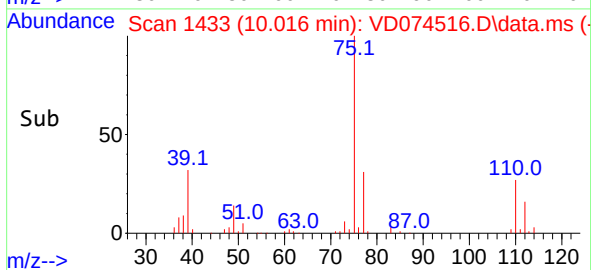
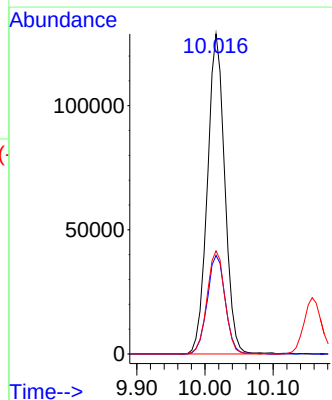
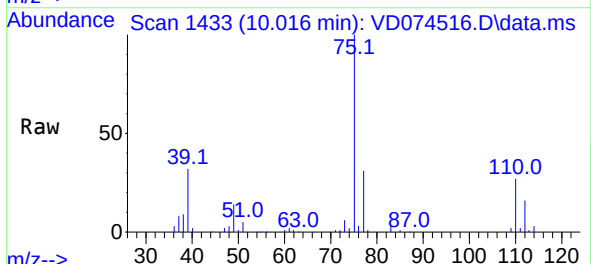
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

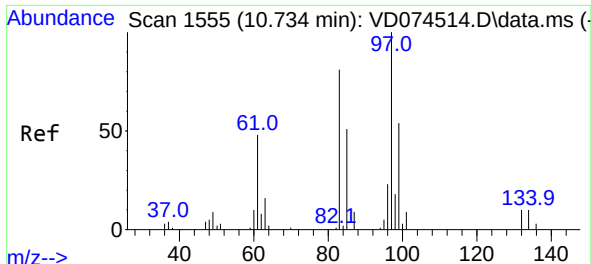
Tgt Ion: 75 Resp: 187448
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 151.953 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 75 Resp: 228145
Ion Ratio Lower Upper
75 100
77 30.8 24.7 37.1
39 32.2 25.4 38.2



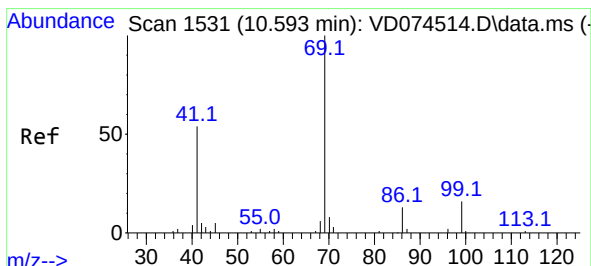
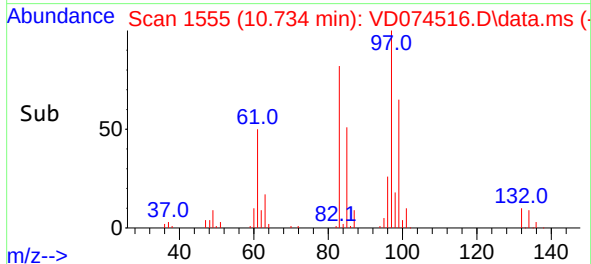
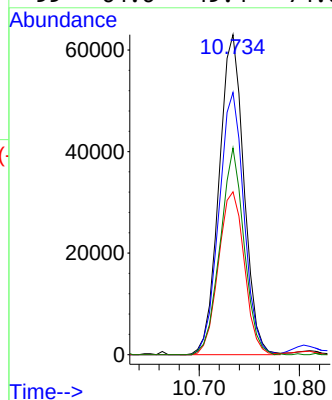
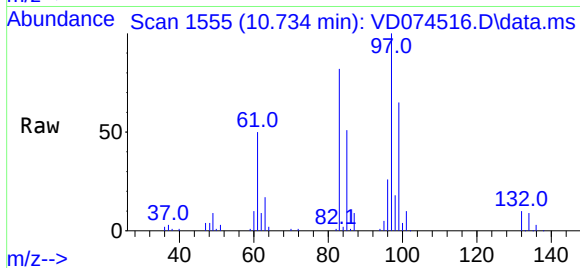


#55
1,1,2-Trichloroethane
Concen: 146.720 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 108483

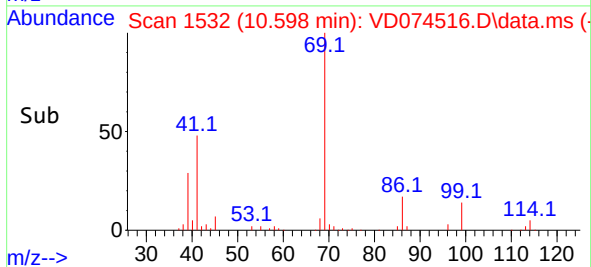
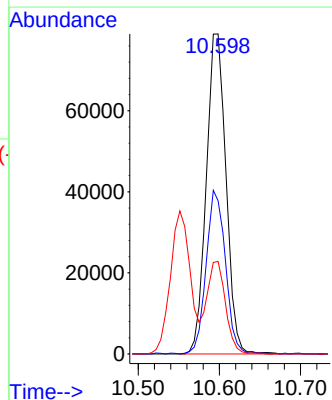
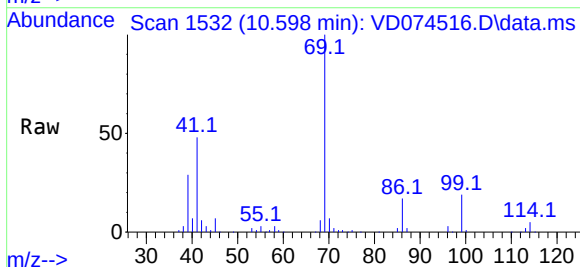
Ion	Ratio	Lower	Upper
97	100		
83	81.9	64.8	97.2
85	50.9	44.8	67.2
99	64.6	49.4	74.0

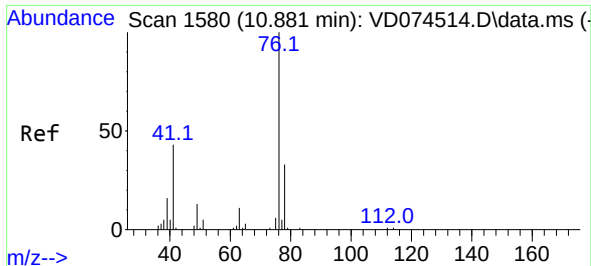


#56
Ethyl methacrylate
Concen: 156.315 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 69 Resp: 133231

Ion	Ratio	Lower	Upper
69	100		
41	50.3	38.6	58.0
39	27.6	19.9	29.9





#57

1,3-Dichloropropane

Concen: 145.746 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

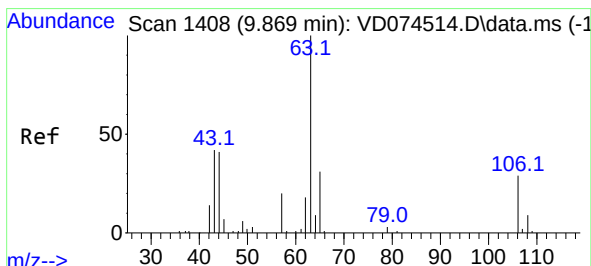
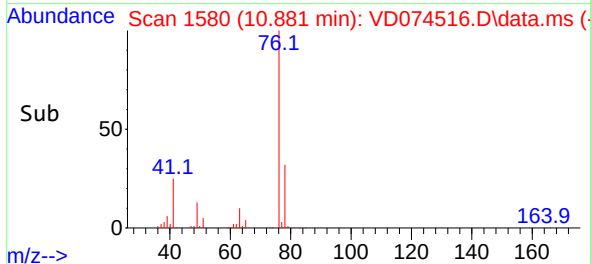
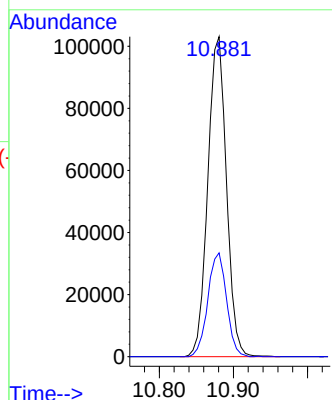
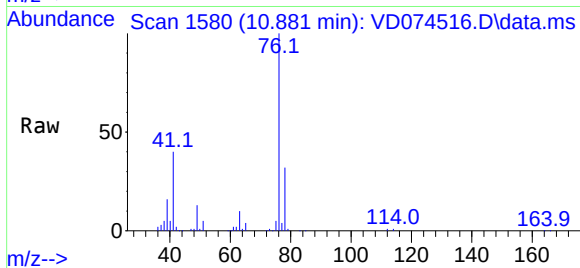
VSTDIC150

Tgt Ion: 76 Resp: 180228

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 1006.742 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074516.D

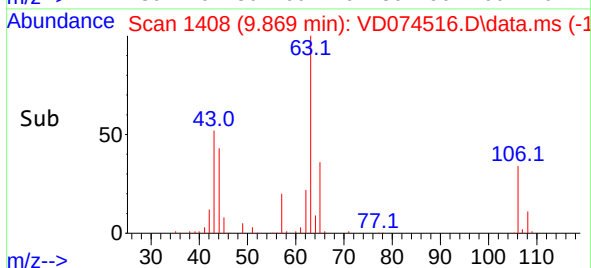
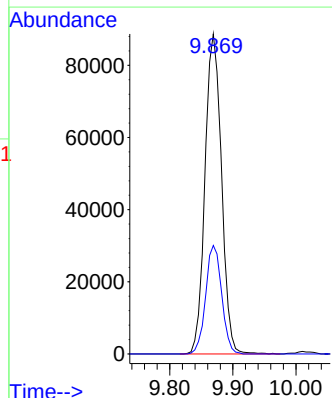
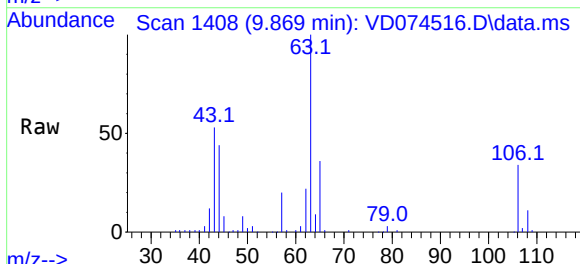
Acq: 11 Oct 2022 13:54

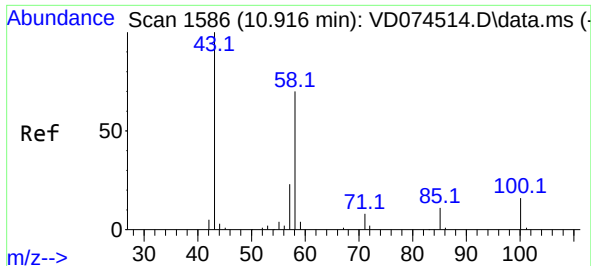
Tgt Ion: 63 Resp: 161130

Ion Ratio Lower Upper

63 100

106 32.9 26.5 39.7

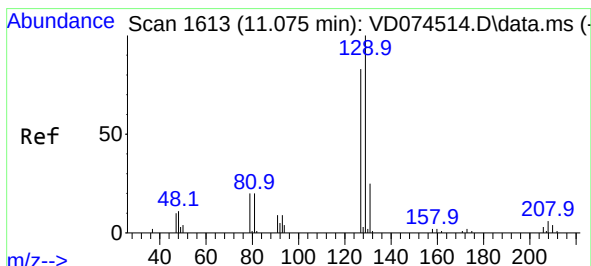
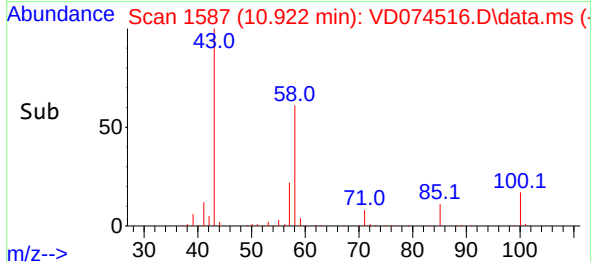
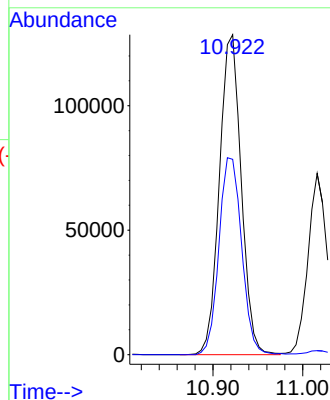
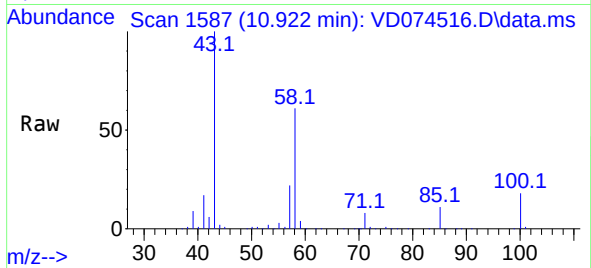




#59
2-Hexanone
Concen: 750.374 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

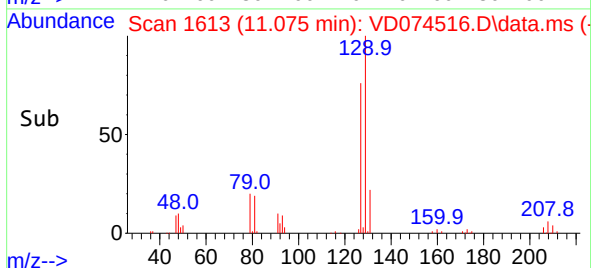
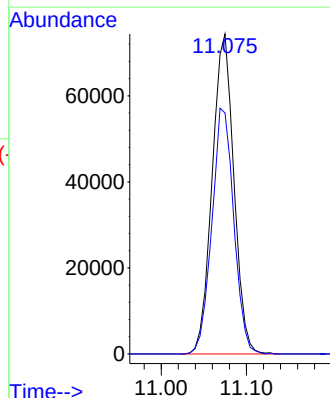
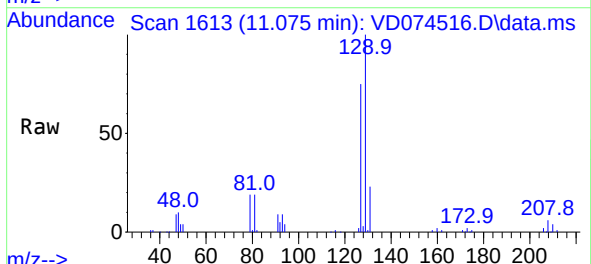
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

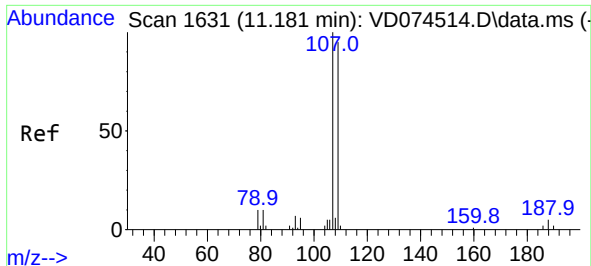
Tgt Ion: 43 Resp: 216945
Ion Ratio Lower Upper
43 100
58 64.1 32.0 96.2



#60
Dibromochloromethane
Concen: 147.871 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 129 Resp: 131506
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

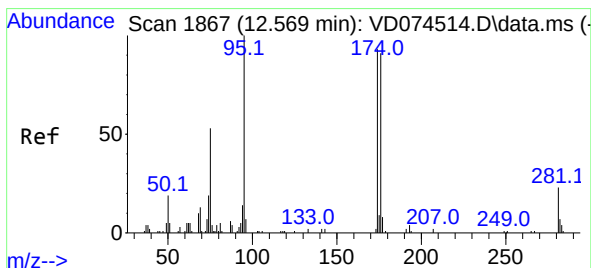
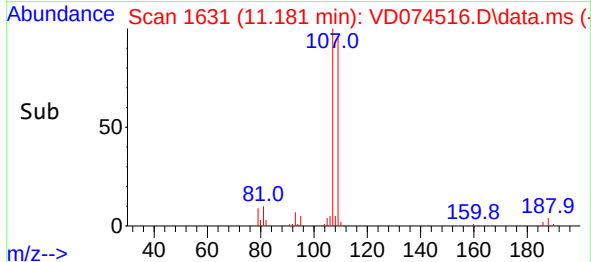
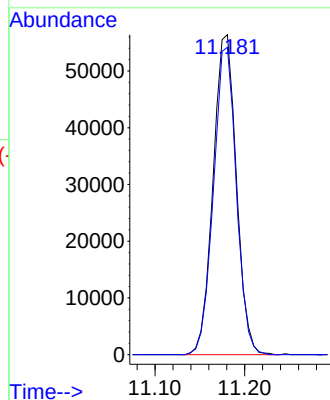
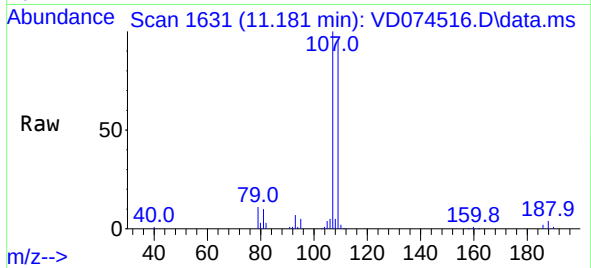




#61
1,2-Dibromoethane
Concen: 147.350 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

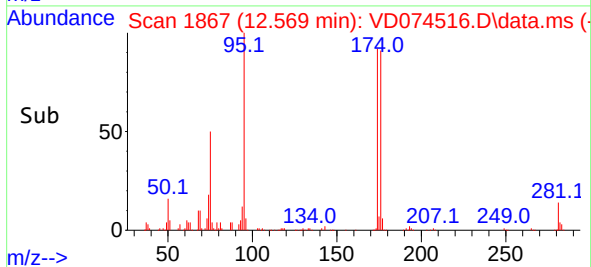
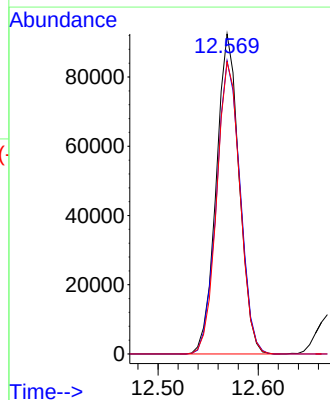
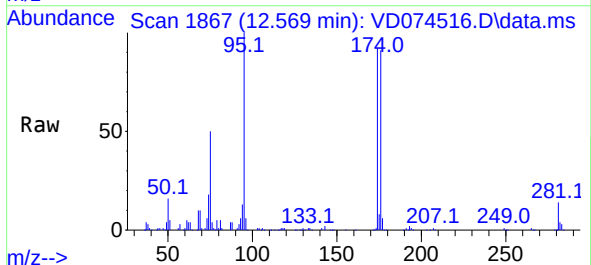
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

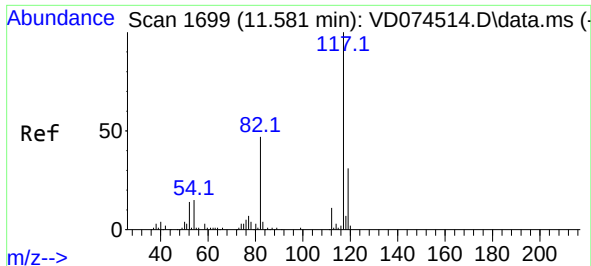
Tgt Ion:107 Resp: 101372
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 119.572 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 95 Resp: 146937
Ion Ratio Lower Upper
95 100
174 94.3 0.0 197.0
176 92.1 0.0 182.6

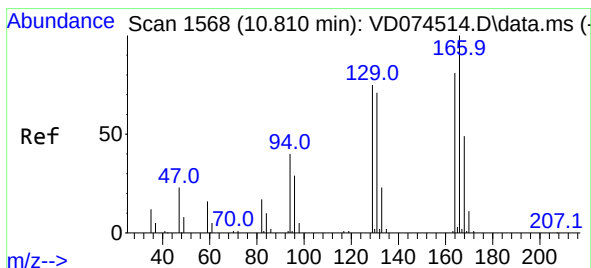
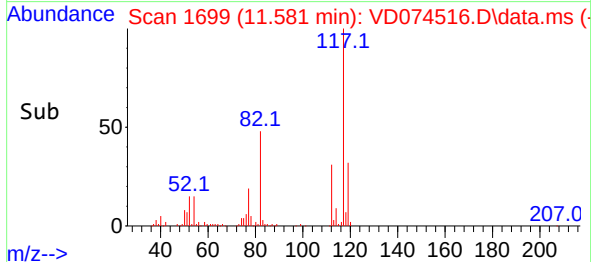
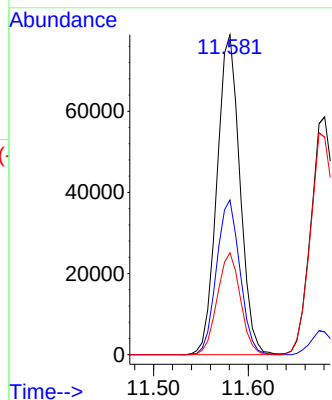
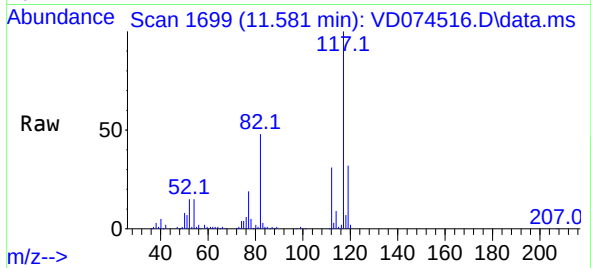




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

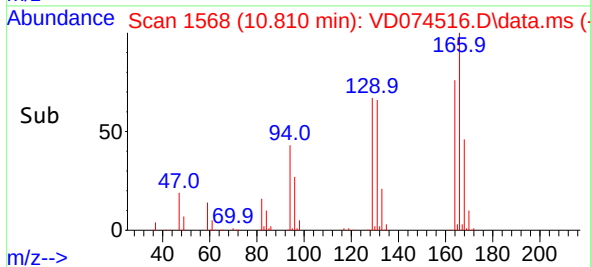
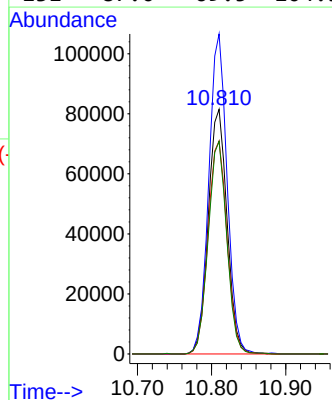
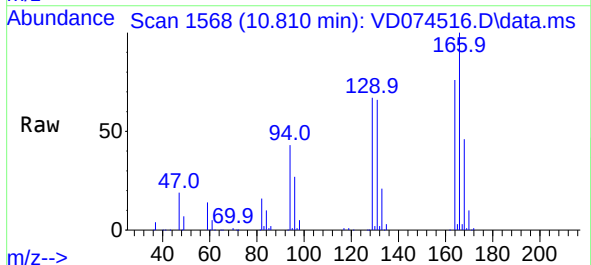
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

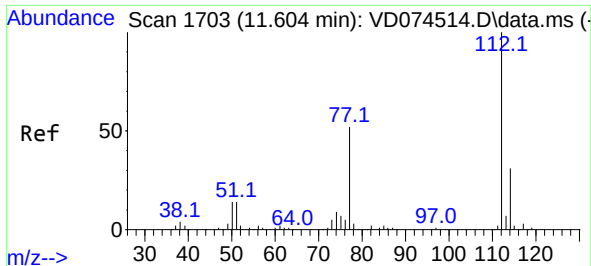
Tgt Ion:117 Resp: 133105
Ion Ratio Lower Upper
117 100
82 48.3 41.6 62.4
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 144.440 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion:164 Resp: 143964
Ion Ratio Lower Upper
164 100
166 130.8 107.8 161.8
129 87.0 77.4 116.2
131 87.0 69.5 104.3

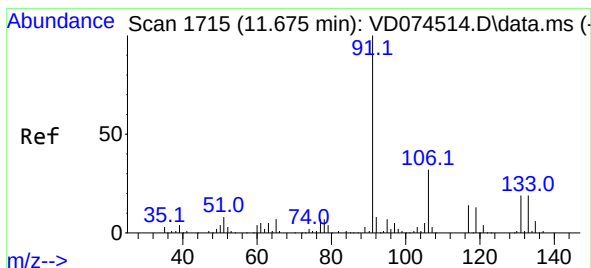
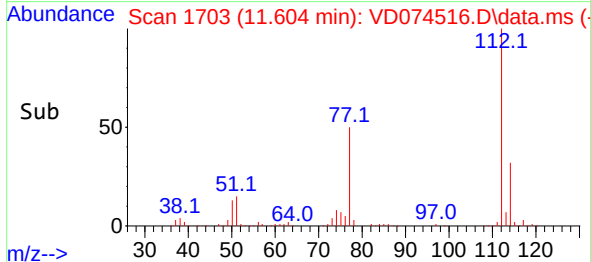
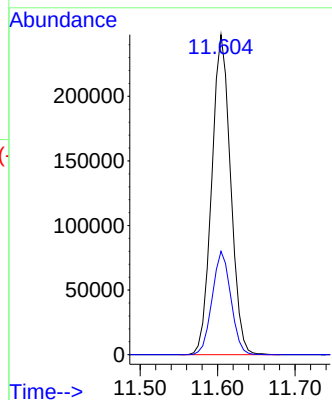
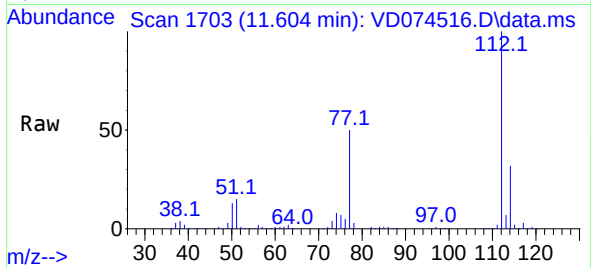




#65
Chlorobenzene
Concen: 146.585 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

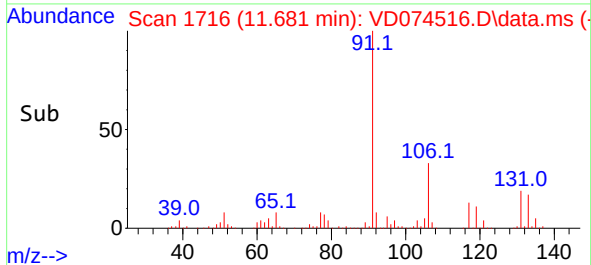
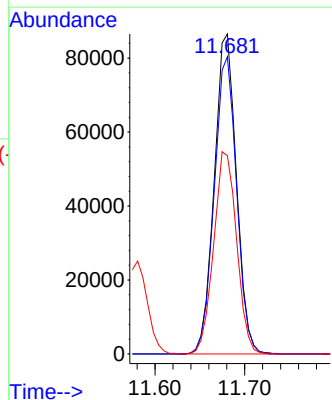
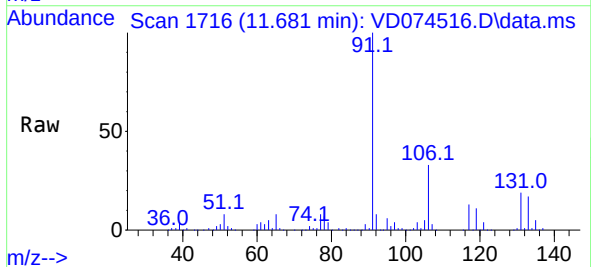
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

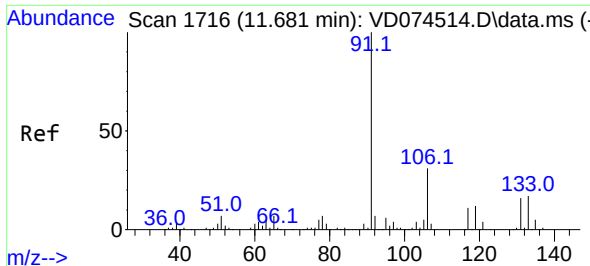
Tgt Ion:112 Resp: 418814
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 152.883 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion:131 Resp: 148217
Ion Ratio Lower Upper
131 100
133 93.9 46.6 139.8
119 65.5 32.5 97.4

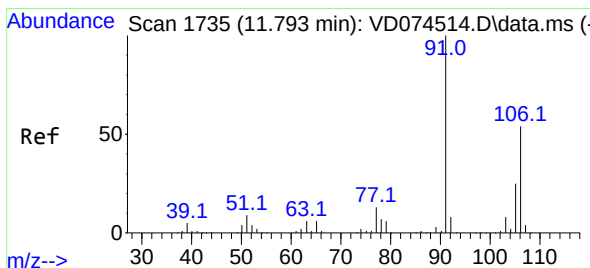
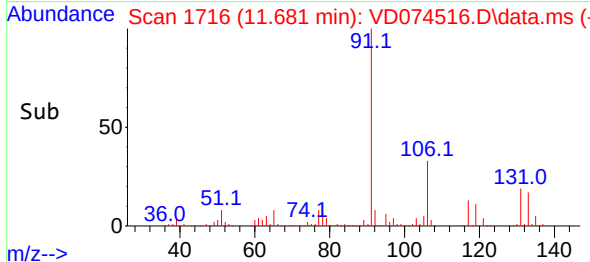
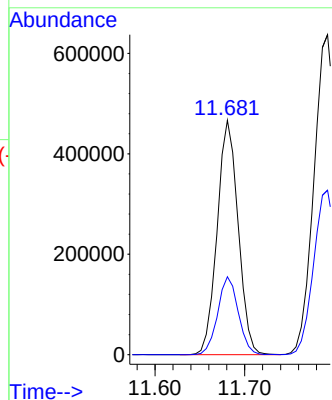
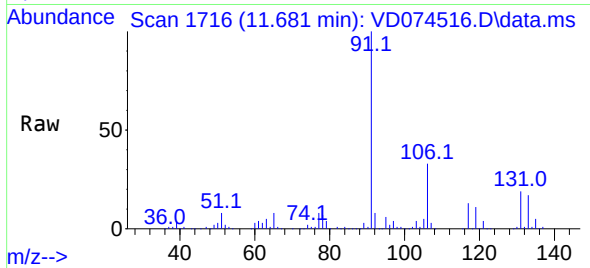




#67
Ethyl Benzene
Concen: 149.578 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

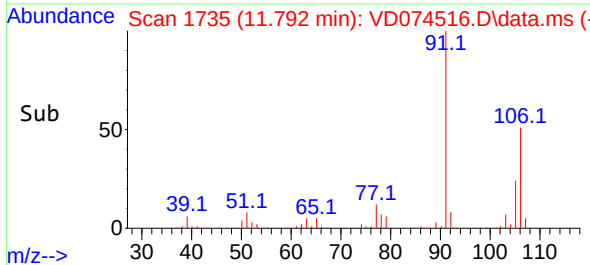
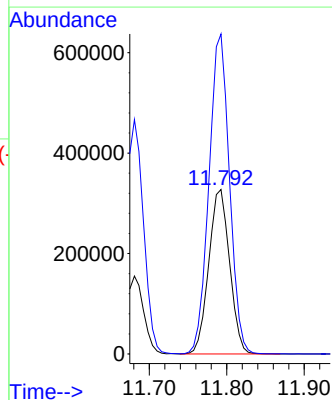
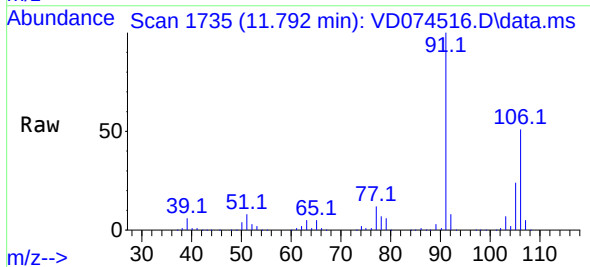
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

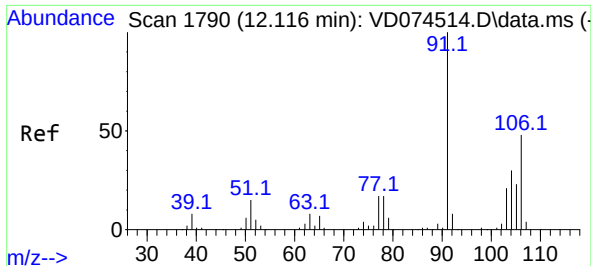
Tgt Ion: 91 Resp: 757526
Ion Ratio Lower Upper
91 100
106 33.2 26.6 40.0



#68
m/p-Xylenes
Concen: 302.936 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 106 Resp: 611756
Ion Ratio Lower Upper
106 100
91 191.5 156.2 234.4

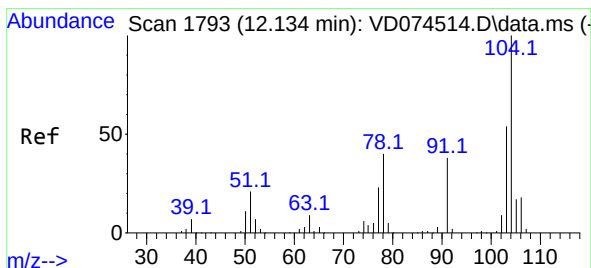
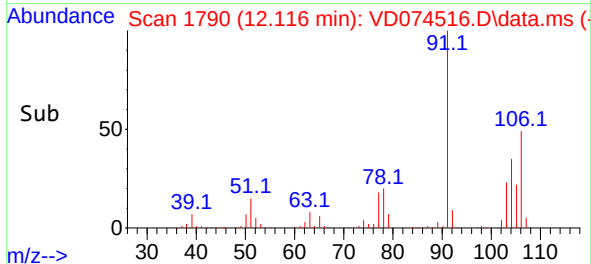
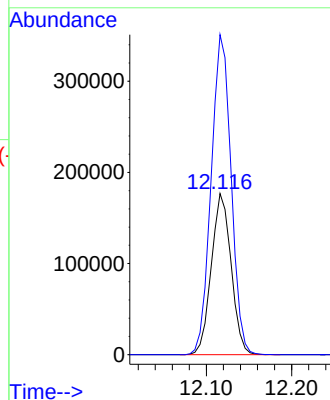
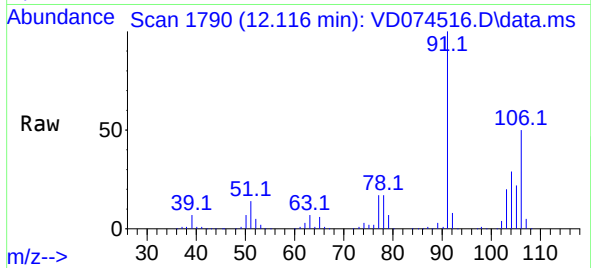




#69
o-Xylene
Concen: 151.570 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

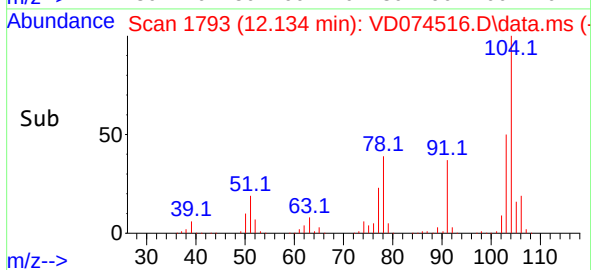
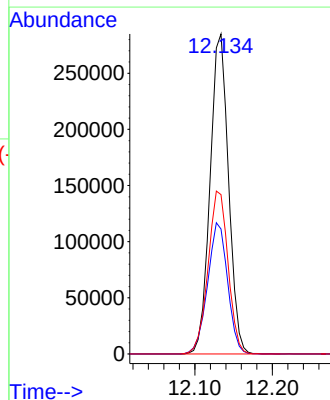
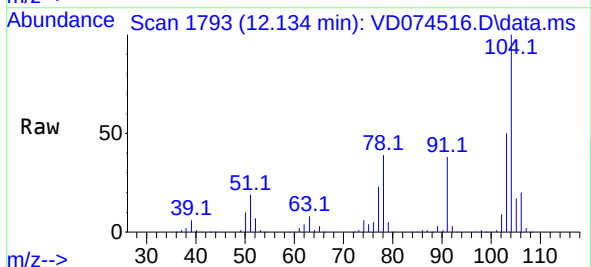
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

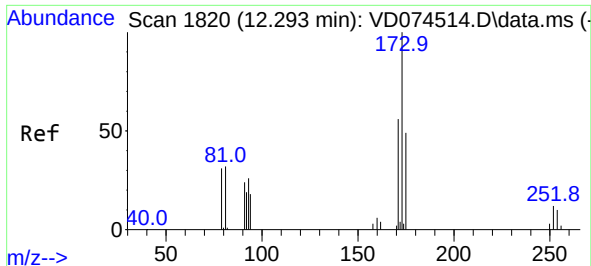
Tgt Ion:106 Resp: 284796
Ion Ratio Lower Upper
106 100
91 200.6 104.5 313.3



#70
Styrene
Concen: 148.324 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion:104 Resp: 470944
Ion Ratio Lower Upper
104 100
78 44.5 35.7 53.5
103 55.3 43.7 65.5

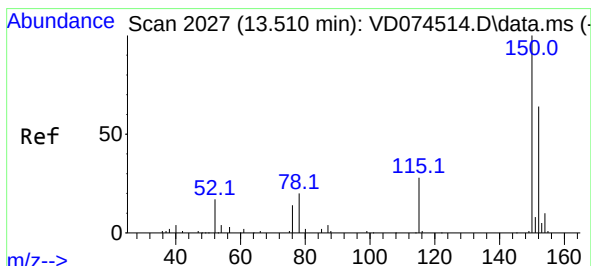
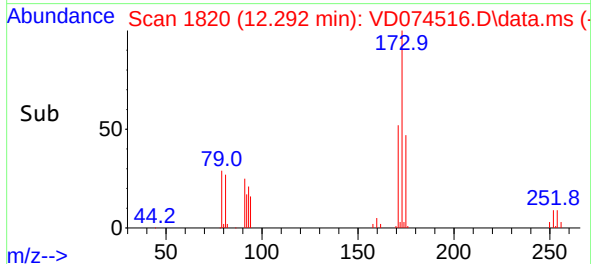
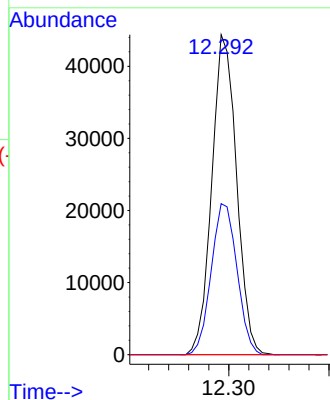
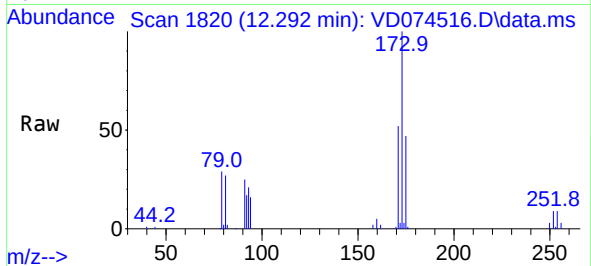




#71
Bromoform
Concen: 153.964 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

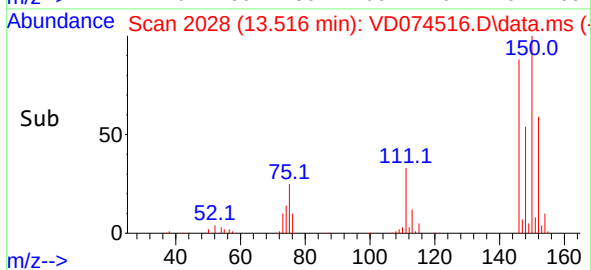
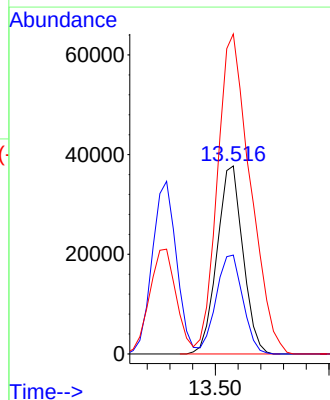
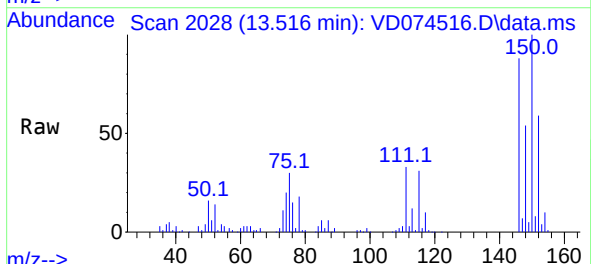
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

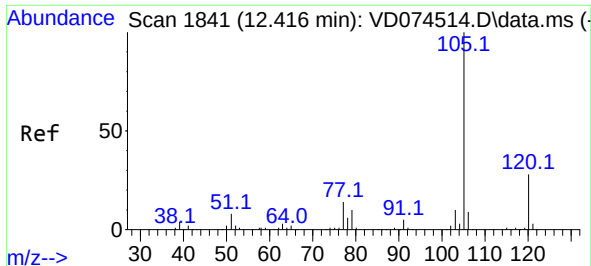
Tgt Ion:173 Resp: 76034
Ion Ratio Lower Upper
173 100
175 49.2 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion:152 Resp: 59824
Ion Ratio Lower Upper
152 100
115 54.0 26.8 80.4
150 215.8 0.0 348.2

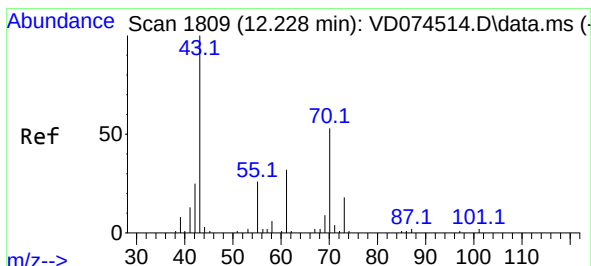
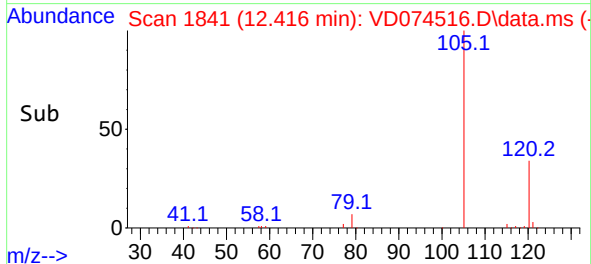
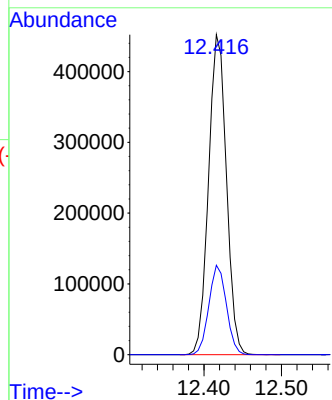
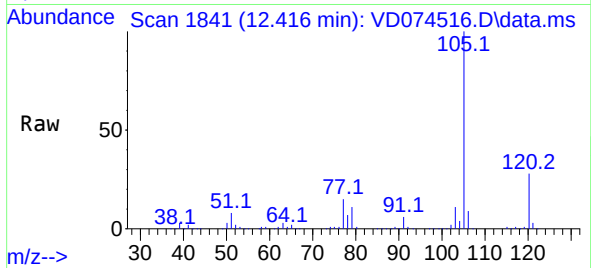




#73
Isopropylbenzene
Concen: 150.221 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

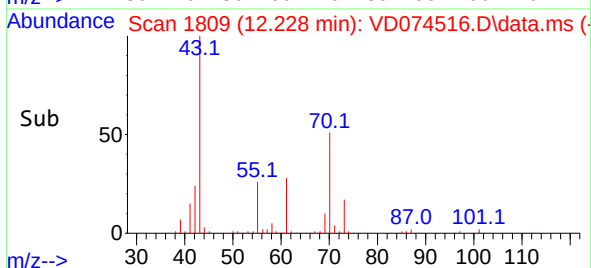
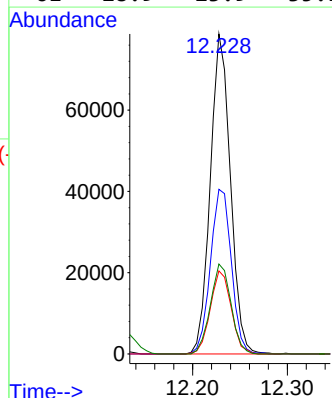
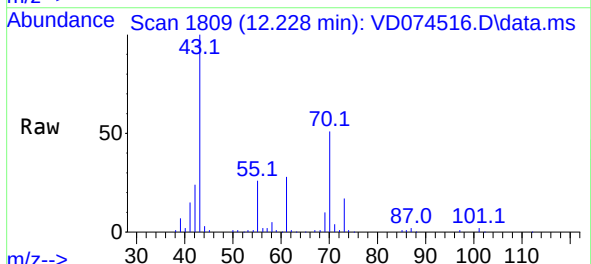
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

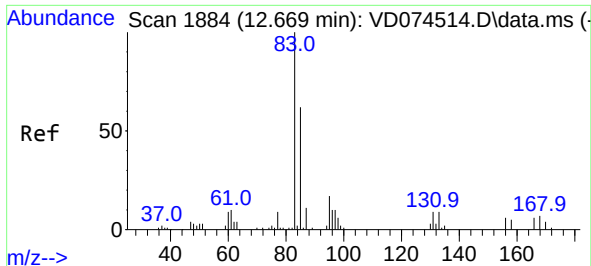
Tgt Ion:105 Resp: 722955
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 153.967 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 43 Resp: 116050
Ion Ratio Lower Upper
43 100
70 53.7 43.8 65.6
55 26.9 22.0 33.0
61 28.9 23.9 35.9

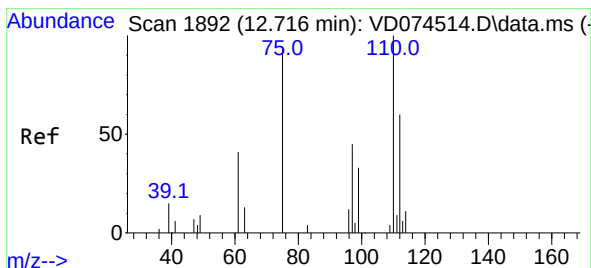
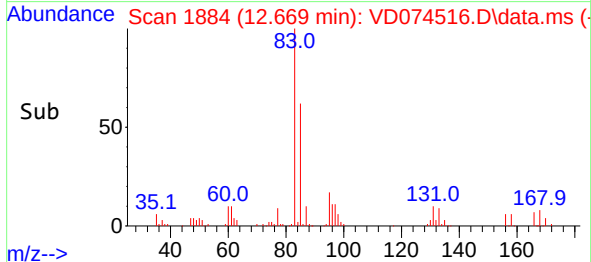
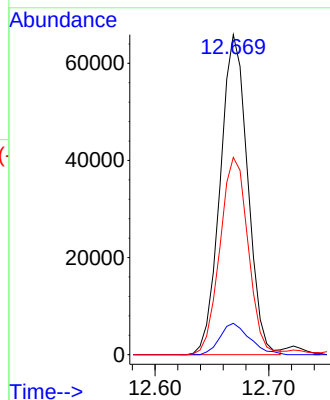
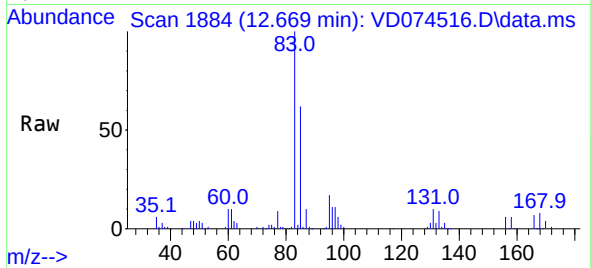




#75
1,1,2,2-Tetrachloroethane
Concen: 145.100 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

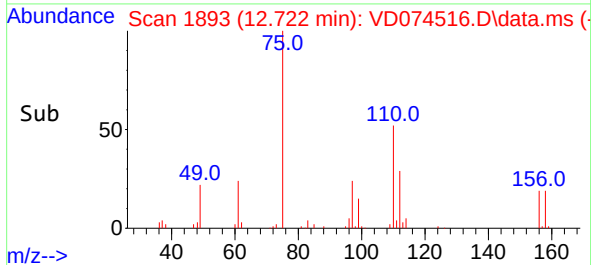
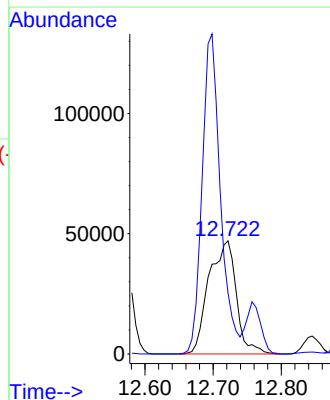
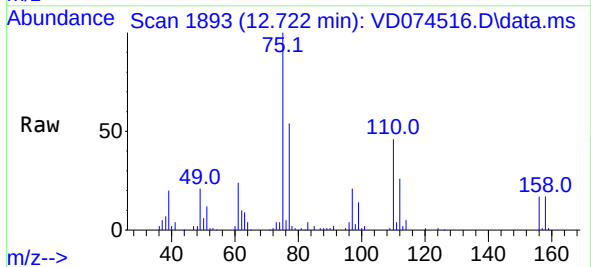
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

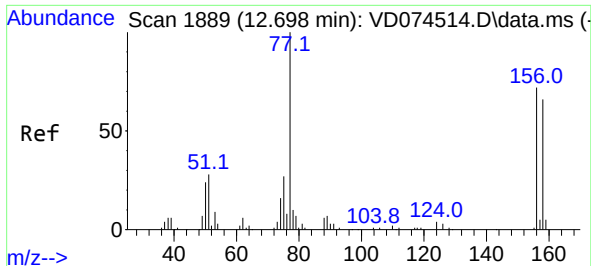
Tgt Ion: 83 Resp: 110461
Ion Ratio Lower Upper
83 100
131 10.6 4.7 14.1
85 63.2 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 287.399 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 75 Resp: 131634
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

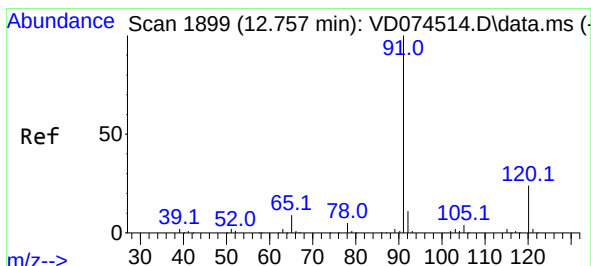
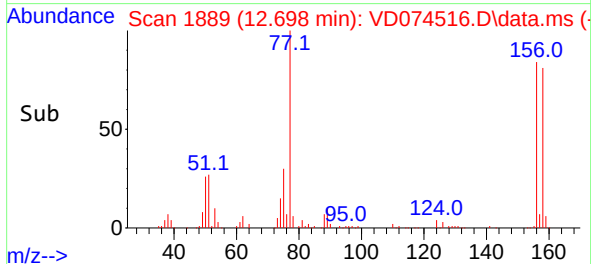
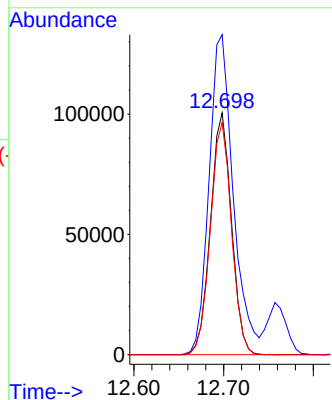
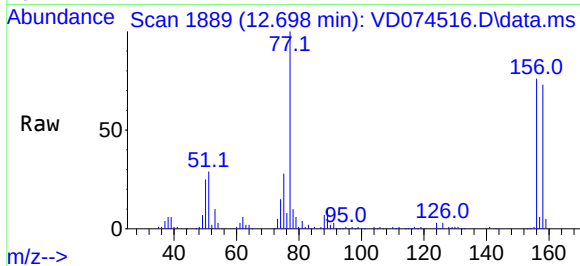




#77
Bromobenzene
Concen: 150.030 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

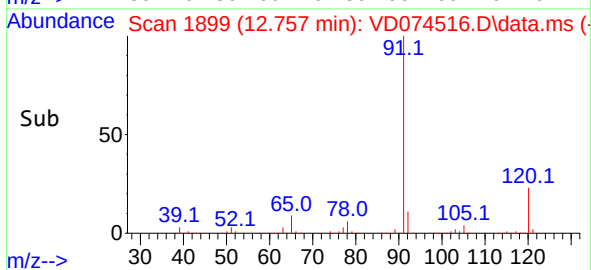
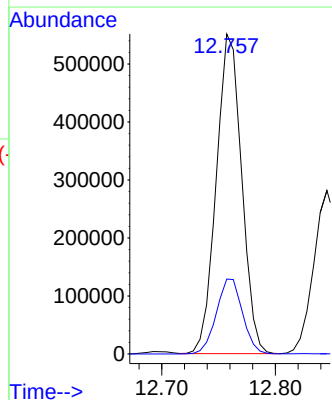
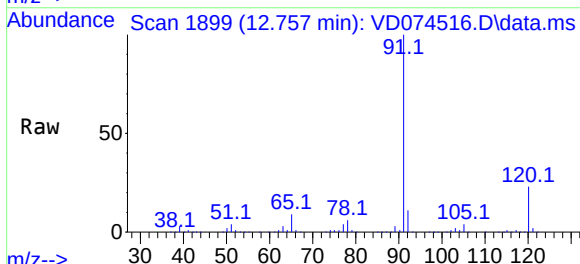
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

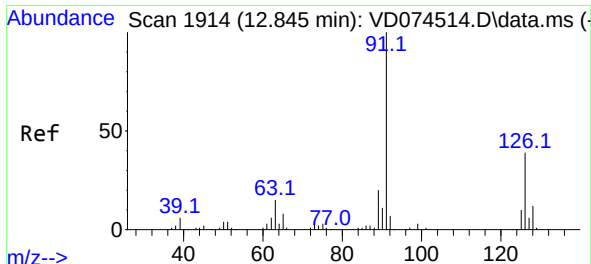
Tgt Ion:156 Resp: 163352
Ion Ratio Lower Upper
156 100
77 152.5 77.7 233.1
158 96.4 49.4 148.2



#78
n-propylbenzene
Concen: 147.200 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 91 Resp: 857055
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.7





#79

2-Chlorotoluene

Concen: 145.571 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

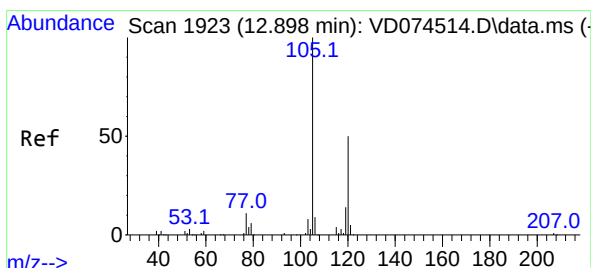
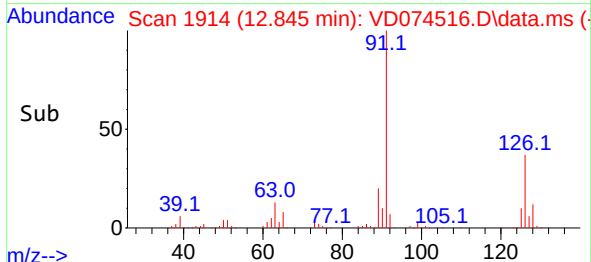
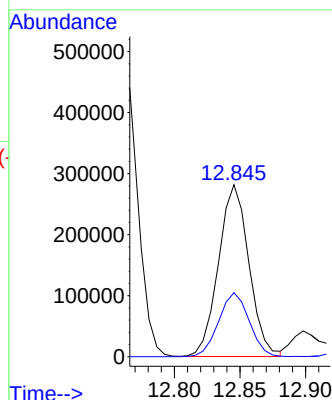
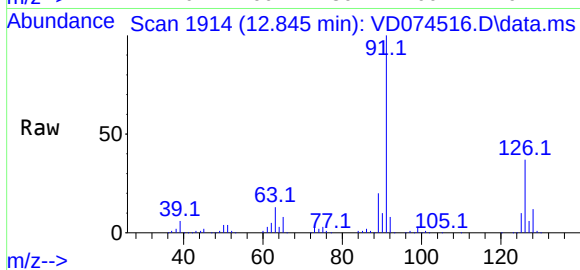
VSTDIC150

Tgt Ion: 91 Resp: 454918

Ion Ratio Lower Upper

91 100

126 37.4 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 150.396 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VD074516.D

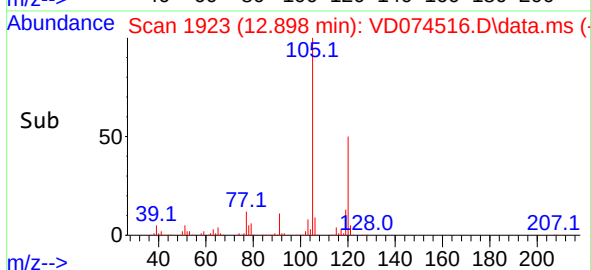
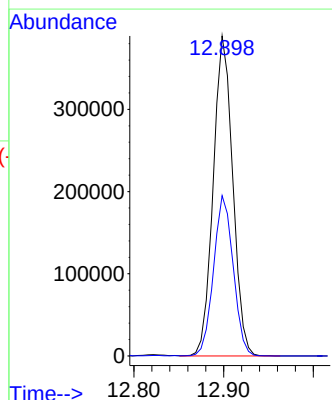
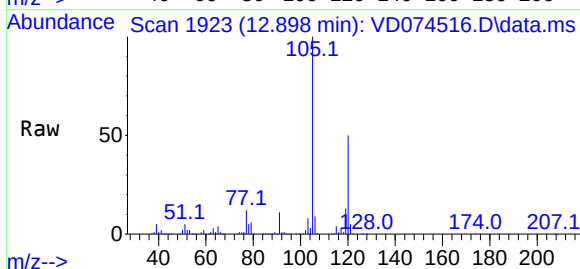
Acq: 11 Oct 2022 13:54

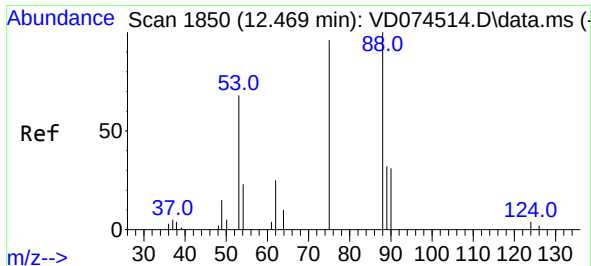
Tgt Ion: 105 Resp: 588259

Ion Ratio Lower Upper

105 100

120 50.4 25.7 77.0

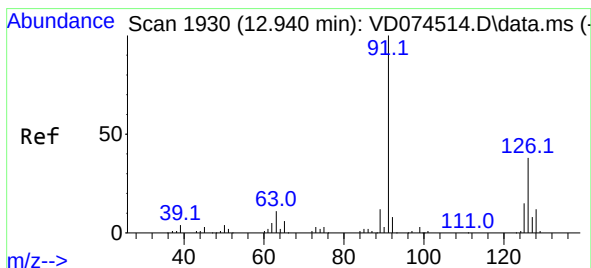
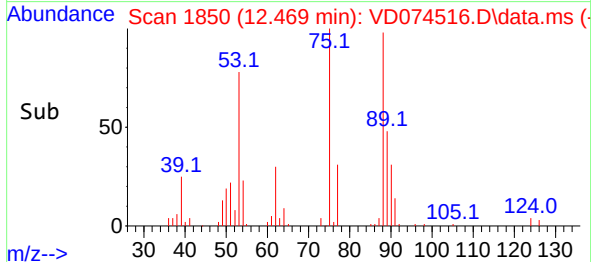
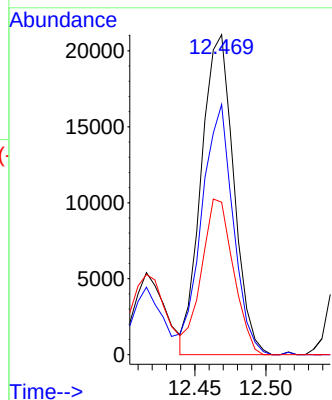
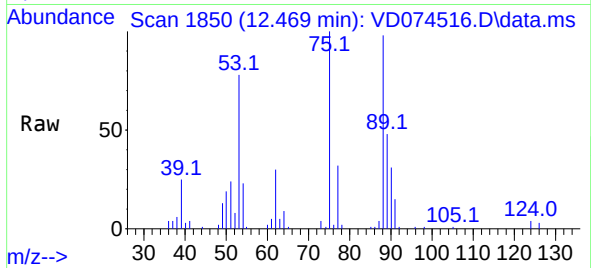




#81
trans-1,4-Dichloro-2-butene
Concen: 165.534 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

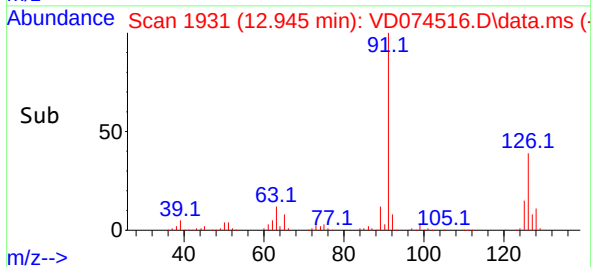
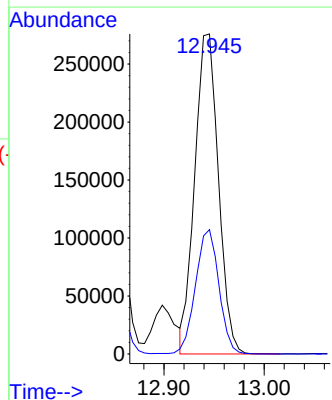
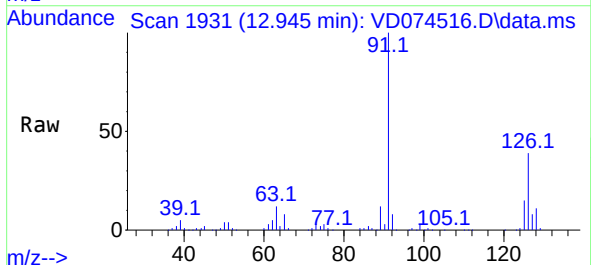
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

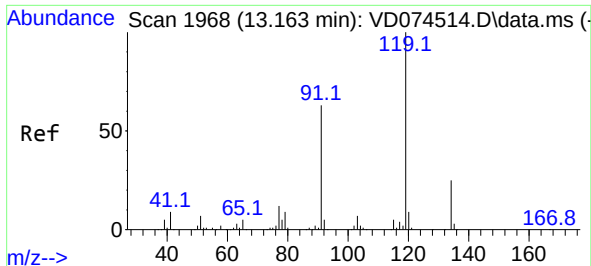
Tgt Ion: 75 Resp: 33364
Ion Ratio Lower Upper
75 100
53 76.9 63.8 95.6
89 48.1 38.2 57.4



#82
4-Chlorotoluene
Concen: 144.653 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 91 Resp: 453724
Ion Ratio Lower Upper
91 100
126 38.5 18.8 56.4

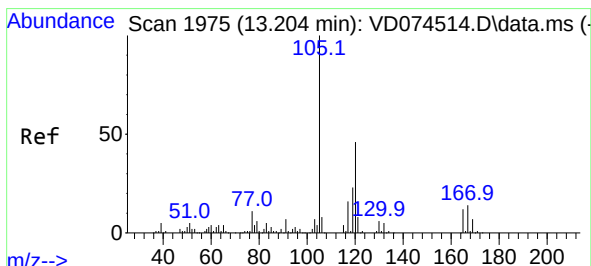
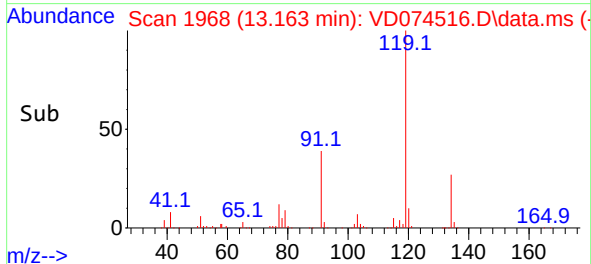
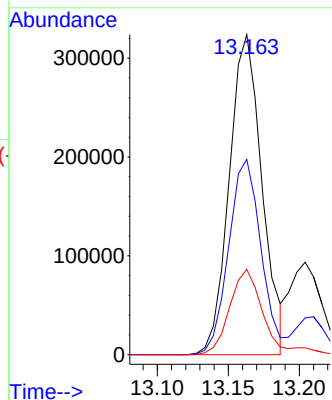
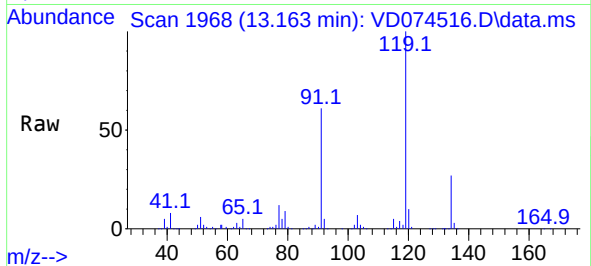




#83
tert-Butylbenzene
Concen: 152.045 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

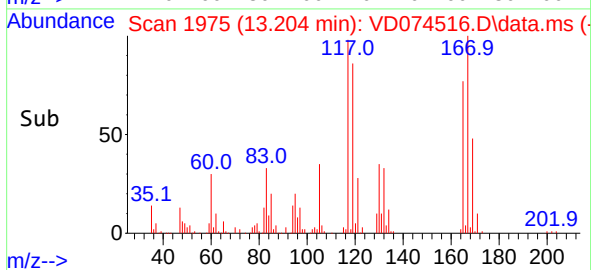
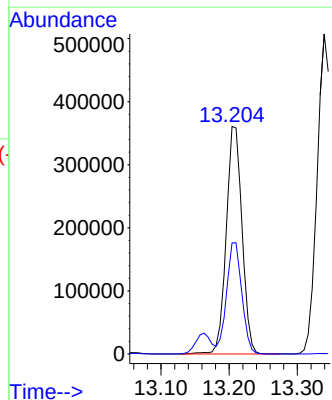
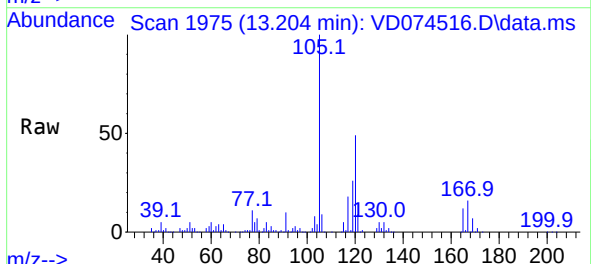
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

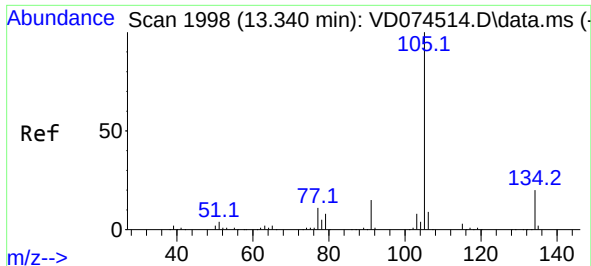
Tgt Ion:119 Resp: 520745
Ion Ratio Lower Upper
119 100
91 61.2 30.0 90.0
134 27.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 150.064 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion:105 Resp: 581453
Ion Ratio Lower Upper
105 100
120 47.2 22.9 68.7

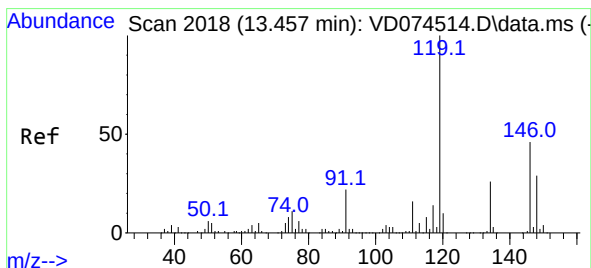
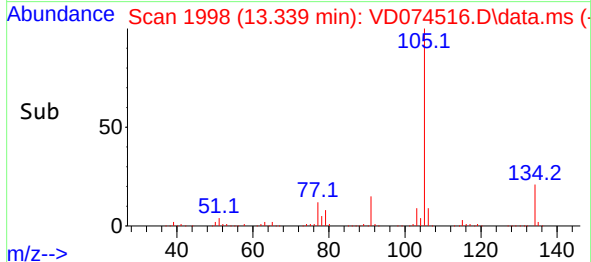
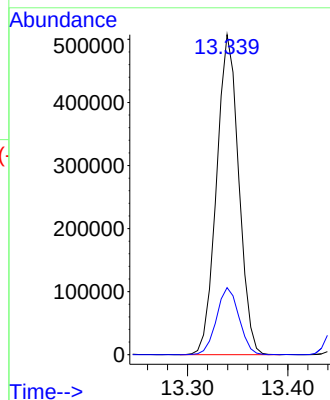
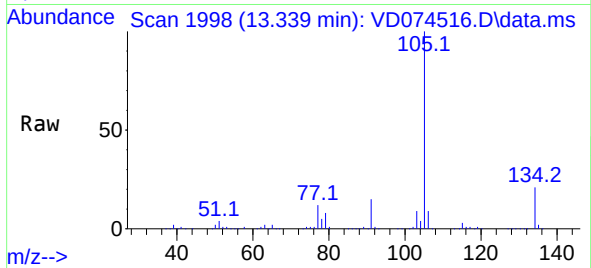




#85
 sec-Butylbenzene
 Concen: 149.316 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD074516.D
 Acq: 11 Oct 2022 13:54

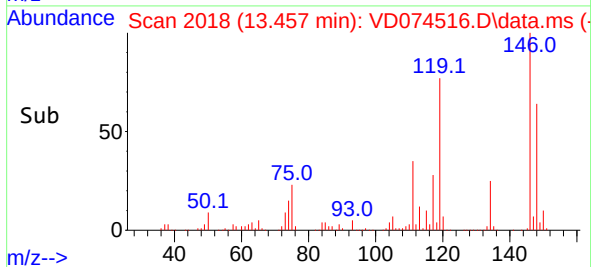
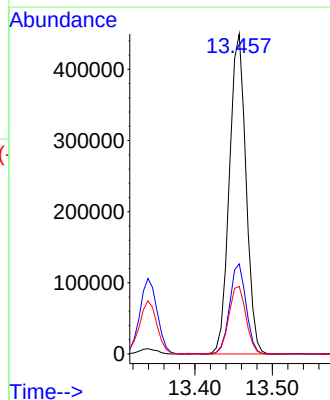
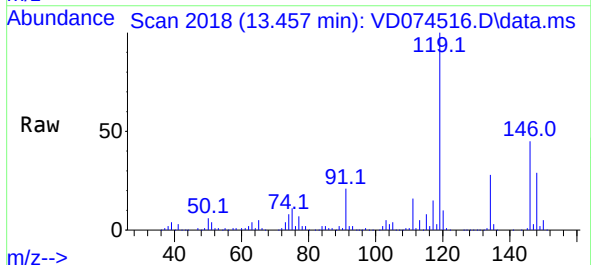
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

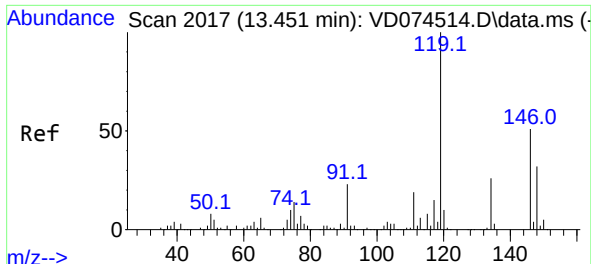
Tgt Ion:105 Resp: 779253
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 154.804 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074516.D
 Acq: 11 Oct 2022 13:54

Tgt Ion:119 Resp: 670810
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.5 40.4
 91 21.8 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 151.144 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

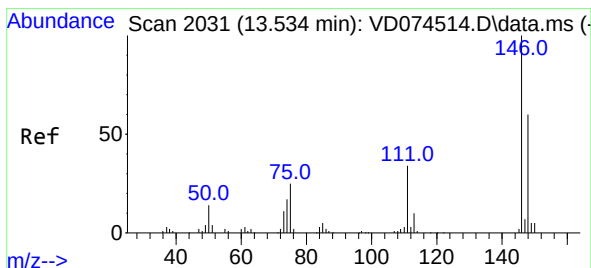
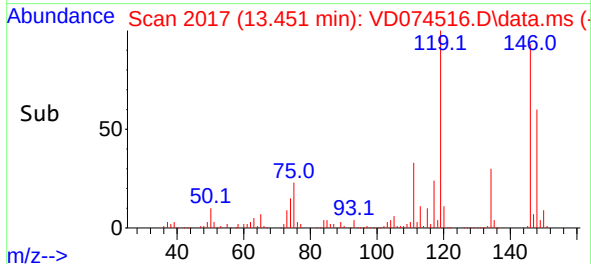
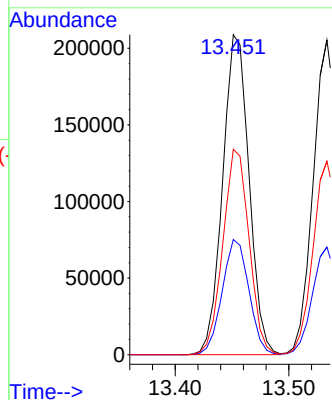
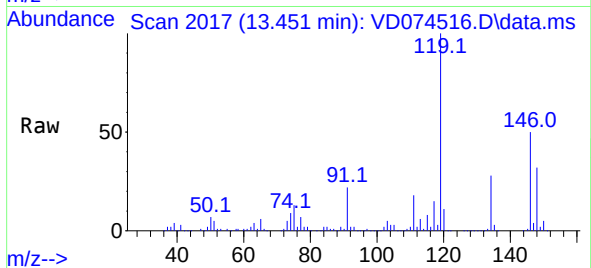
Tgt Ion:146 Resp: 337156

Ion Ratio Lower Upper

146 100

111 36.5 18.3 54.8

148 63.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 145.739 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

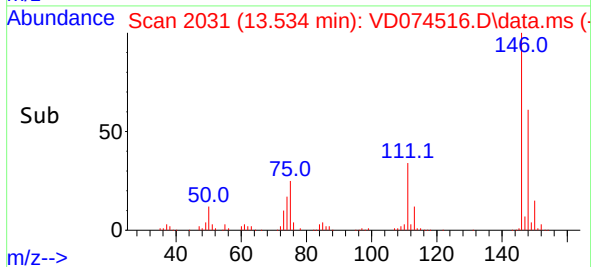
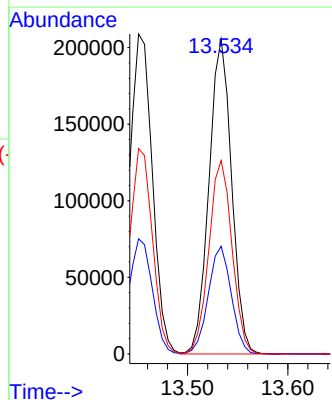
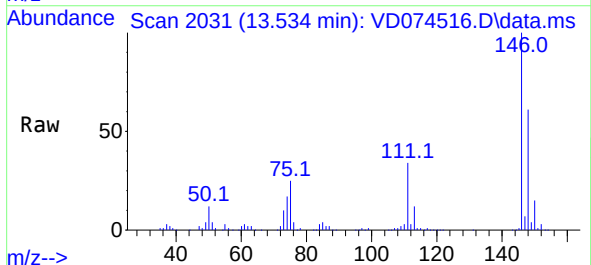
Tgt Ion:146 Resp: 322624

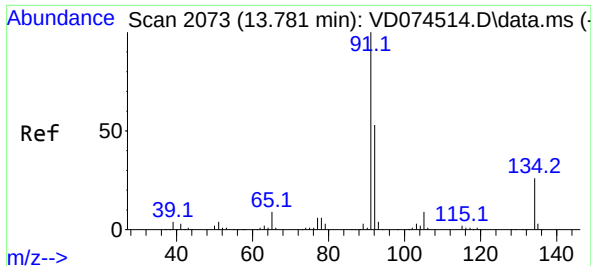
Ion Ratio Lower Upper

146 100

111 34.7 17.7 53.1

148 62.9 32.3 96.9

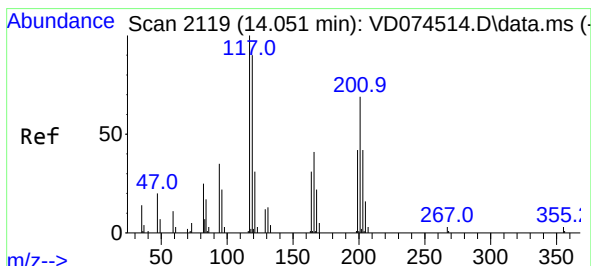
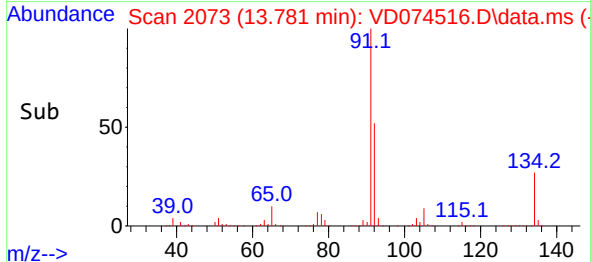
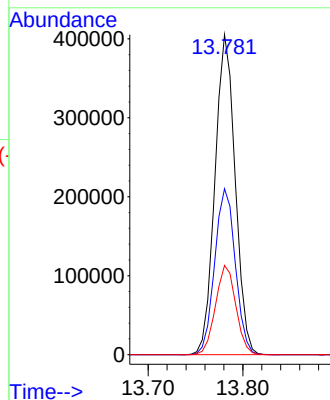
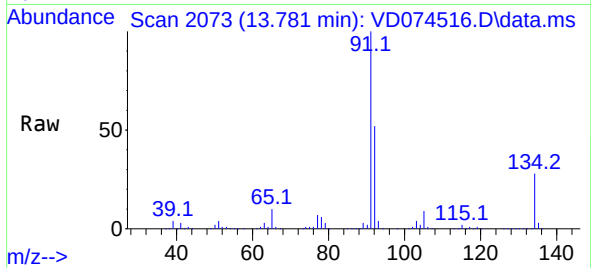




#89
n-Butylbenzene
Concen: 148.905 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

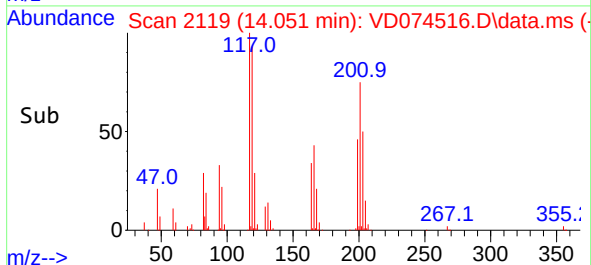
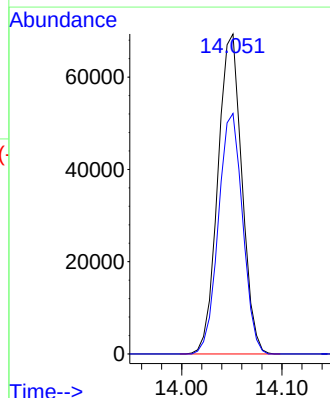
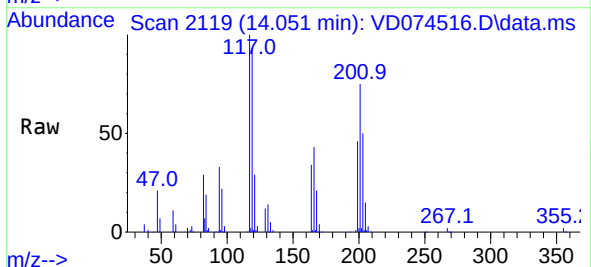
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

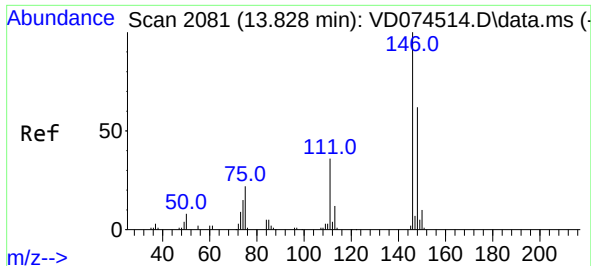
Tgt Ion: 91 Resp: 602732
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 28.0 13.4 40.2



#90
Hexachloroethane
Concen: 150.695 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion: 117 Resp: 115292
Ion Ratio Lower Upper
117 100
201 75.7 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 147.027 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

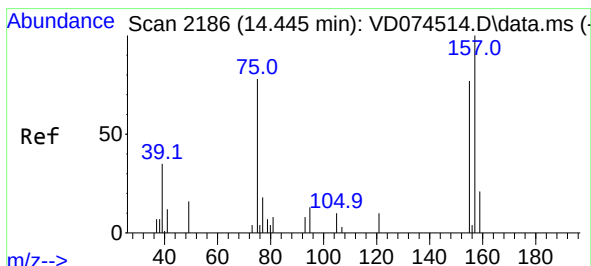
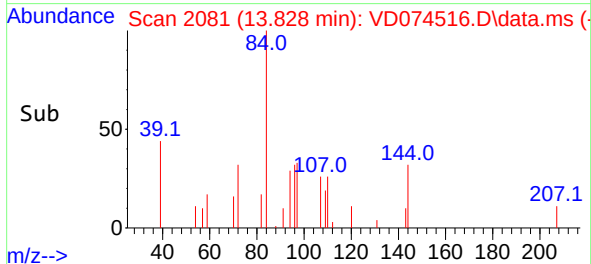
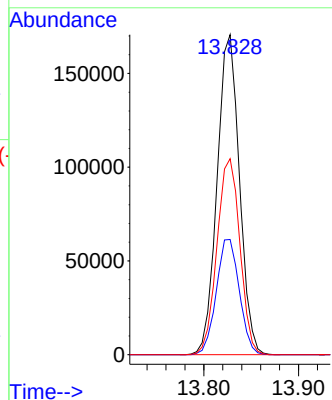
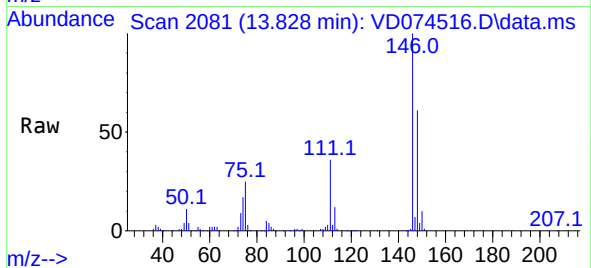
Tgt Ion:146 Resp: 279775

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.5

148 62.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 152.873 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD074516.D

Acq: 11 Oct 2022 13:54

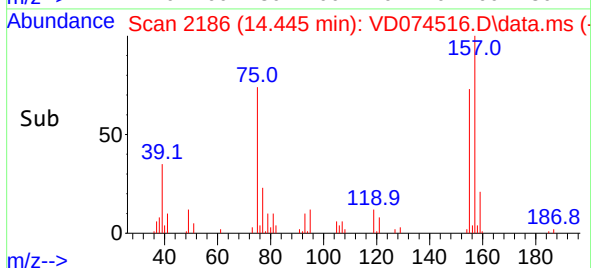
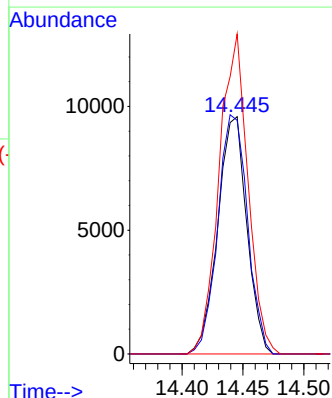
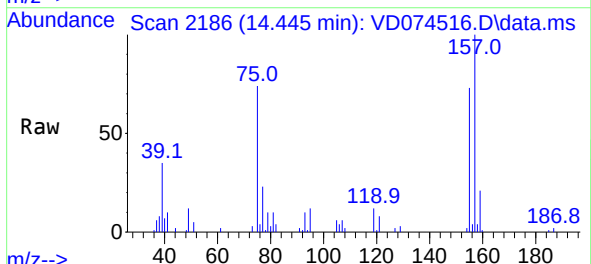
Tgt Ion: 75 Resp: 15910

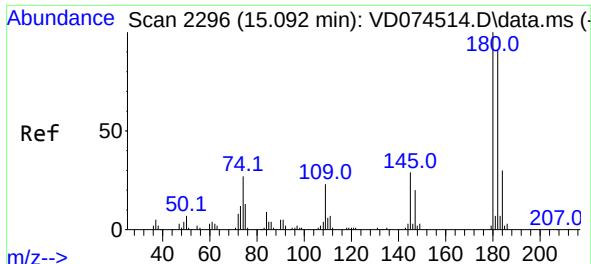
Ion Ratio Lower Upper

75 100

155 103.2 51.2 153.8

157 133.5 68.2 204.5

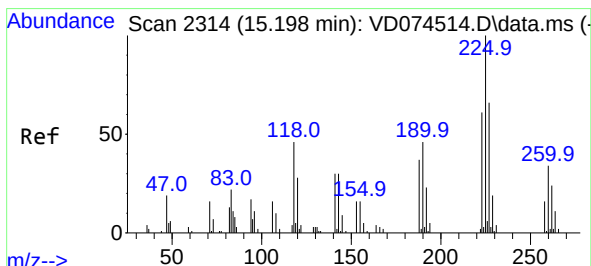
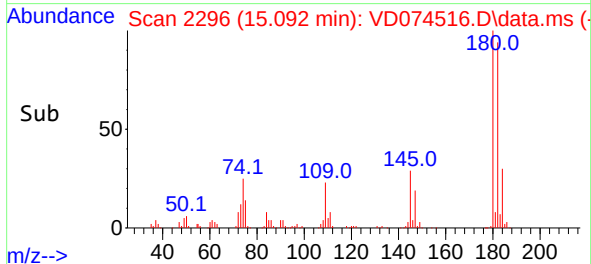
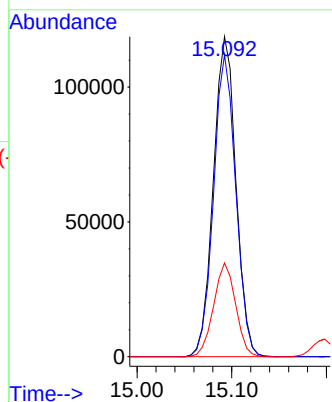
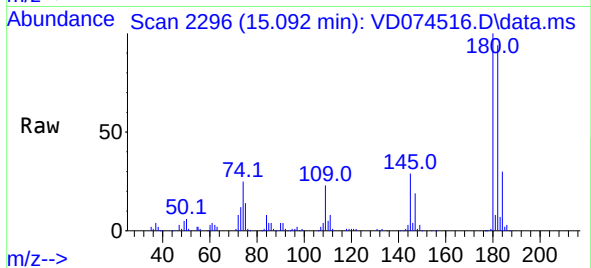




#93
1,2,4-Trichlorobenzene
Concen: 156.125 ug/l
RT: 15.092 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

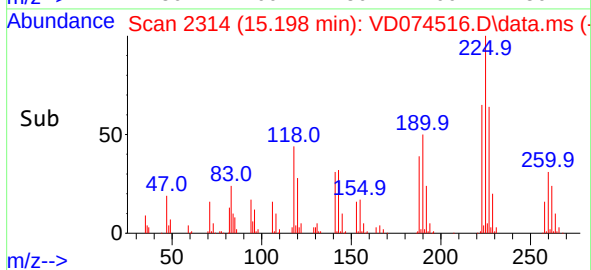
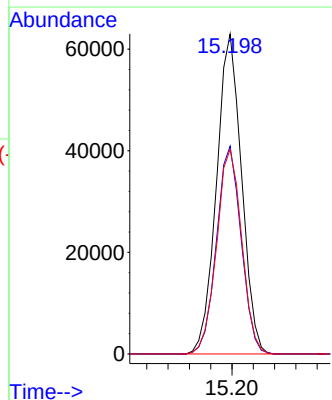
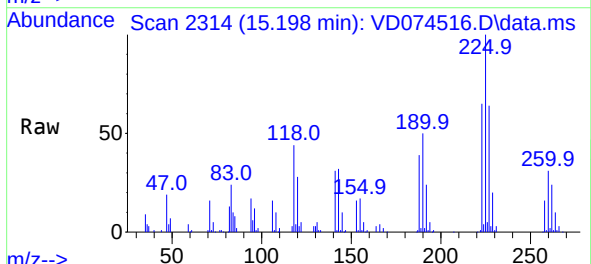
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

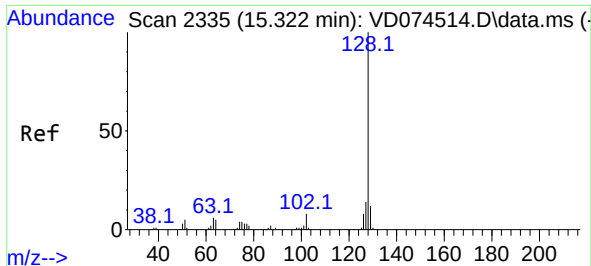
Tgt Ion:	180	Resp:	195898
Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.9	140.6
145	28.6	14.1	42.3



#94
Hexachlorobutadiene
Concen: 157.525 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion:	225	Resp:	102765
Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.5
227	64.0	32.6	97.8



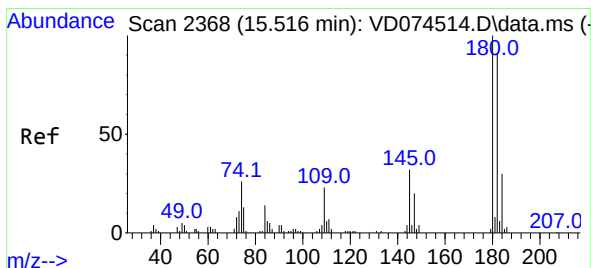
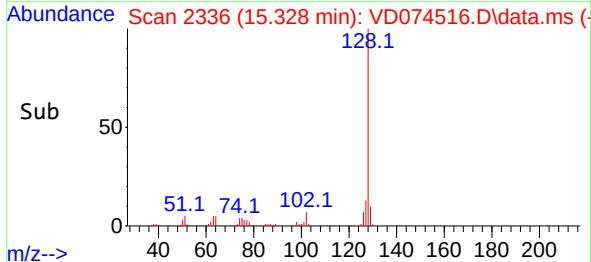
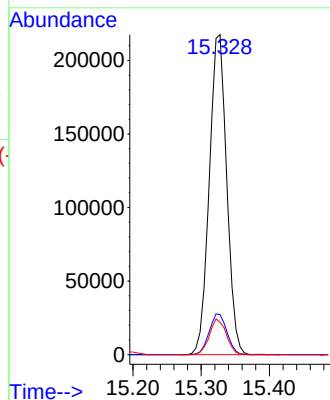
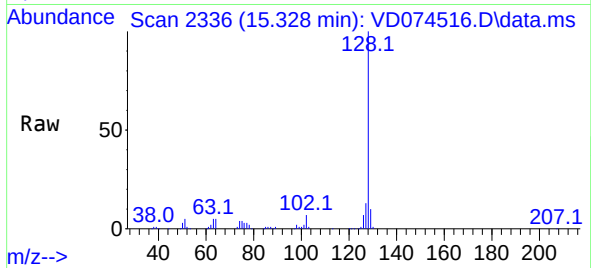


#95
Naphthalene
Concen: 163.213 ug/l
RT: 15.328 min Scan# 2335
Delta R.T. 0.006 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 386750

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.9	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 157.437 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074516.D
Acq: 11 Oct 2022 13:54

Tgt Ion:180 Resp: 168630

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.7	140.1
145	31.1	14.9	44.7

