

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
 Data File : VD076112.D
 Acq On : 15 May 2023 12:51
 Operator : KP/SY
 Sample : VSTDIC020
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: May 16 18:51:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	243879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	399014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	370716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	192565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48680	20.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.300%#
35) Dibromofluoromethane	7.805	113	57139	20.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.440%#
50) Toluene-d8	10.269	98	225016	20.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.860%#
62) 4-Bromofluorobenzene	12.575	95	62254	20.844	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	47041	21.387	ug/l	100
3) Chloromethane	2.146	50	85635	21.144	ug/l	94
4) Vinyl Chloride	2.281	62	97385	20.530	ug/l	96
5) Bromomethane	2.675	94	63228	19.798	ug/l	96
6) Chloroethane	2.828	64	66260	20.762	ug/l	94
7) Trichlorofluoromethane	3.169	101	83213	20.696	ug/l	97
8) Diethyl Ether	3.587	74	26425	19.985	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.969	101	56860	21.469	ug/l	95
10) Methyl Iodide	4.158	142	55023	19.981	ug/l #	87
11) Tert butyl alcohol	5.052	59	12598	101.041	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	53556	20.318	ug/l	91
13) Acrolein	3.787	56	31060	101.786	ug/l	98
14) Allyl chloride	4.558	41	53052	19.832	ug/l #	81
15) Acrylonitrile	5.258	53	55628	101.610	ug/l	97
16) Acetone	4.028	43	43645	93.068	ug/l #	84
17) Carbon Disulfide	4.264	76	163155	21.264	ug/l #	94
18) Methyl Acetate	4.564	43	33479	20.013	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	102736	19.914	ug/l	99
20) Methylene Chloride	4.793	84	98200	20.848	ug/l #	77
21) trans-1,2-Dichloroethene	5.311	96	62138	20.455	ug/l #	76
22) Diisopropyl ether	6.216	45	130959	21.091	ug/l #	93
23) Vinyl Acetate	6.152	43	293030	120.024	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	100771	20.578	ug/l	97
25) 2-Butanone	7.087	43	60778	103.074	ug/l #	73
26) 2,2-Dichloropropane	7.069	77	81410	20.388	ug/l	90
27) cis-1,2-Dichloroethene	7.075	96	68595	20.348	ug/l	82
28) Bromochloromethane	7.422	49	34480	21.117	ug/l #	61
29) Tetrahydrofuran	7.446	42	34601	100.676	ug/l #	65
30) Chloroform	7.593	83	107321	20.494	ug/l	95
31) Cyclohexane	7.875	56	74800	20.721	ug/l #	85
32) 1,1,1-Trichloroethane	7.793	97	86220	20.660	ug/l	96
36) 1,1-Dichloropropene	8.004	75	74726	20.061	ug/l	90
37) Ethyl Acetate	7.169	43	26186	20.301	ug/l #	80
38) Carbon Tetrachloride	7.987	117	68275	20.292	ug/l	94
39) Methylcyclohexane	9.269	83	83431	19.455	ug/l	96
40) Benzene	8.252	78	241321	20.151	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13079	18.493	ug/l #	69
42) 1,2-Dichloroethane	8.322	62	57312	20.233	ug/l	91
43) Isopropyl Acetate	8.363	43	46074	19.122	ug/l #	87
44) Trichloroethene	9.028	130	68674	20.348	ug/l	91
45) 1,2-Dichloropropane	9.304	63	58768	19.895	ug/l	94
46) Dibromomethane	9.393	93	33553	20.265	ug/l	91
47) Bromodichloromethane	9.587	83	80318	20.184	ug/l	95
48) Methyl methacrylate	9.381	41	20281	19.018	ug/l #	58
49) 1,4-Dioxane	9.387	88	7155	404.104	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	126184	98.467	ug/l #	83
52) Toluene	10.334	92	155255	20.757	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	72679	20.265	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	87786	20.057	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	49921	21.025	ug/l	96
56) Ethyl methacrylate	10.598	69	46336	19.415	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	74847	20.093	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	115314	100.702	ug/l	91
59) 2-Hexanone	10.922	43	90205	99.813	ug/l	77
60) Dibromochloromethane	11.075	129	54142	20.280	ug/l	99
61) 1,2-Dibromoethane	11.181	107	44356	21.000	ug/l	99
64) Tetrachloroethene	10.810	164	56759	19.911	ug/l	95
65) Chlorobenzene	11.610	112	169527	20.087	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	58098	20.004	ug/l	96
67) Ethyl Benzene	11.687	91	266153	19.736	ug/l	98
68) m/p-Xylenes	11.793	106	227836	41.337	ug/l	89
69) o-Xylene	12.122	106	97956	19.477	ug/l	95
70) Styrene	12.134	104	177945	20.408	ug/l	93
71) Bromoform	12.298	173	32921	20.151	ug/l #	100
73) Isopropylbenzene	12.422	105	246529	19.353	ug/l	97
74) N-amyl acetate	12.234	43	43122	19.005	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	54196	19.795	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	61501	36.497	ug/l #	100
77) Bromobenzene	12.704	156	68016	19.921	ug/l	90
78) n-propylbenzene	12.763	91	314992	19.866	ug/l	98
79) 2-Chlorotoluene	12.851	91	173791	19.804	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	210966	19.978	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	16034	19.961	ug/l #	75
82) 4-Chlorotoluene	12.945	91	183009	19.606	ug/l	91
83) tert-Butylbenzene	13.169	119	171348	19.200	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	211491	20.110	ug/l	95
85) sec-Butylbenzene	13.345	105	273751	19.682	ug/l	96
86) p-Isopropyltoluene	13.463	119	224887	19.761	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	137277	19.886	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	137460	20.110	ug/l	98
89) n-Butylbenzene	13.787	91	213072	19.867	ug/l	98
90) Hexachloroethane	14.057	117	46573	19.895	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	124797	20.600	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7292	20.513	ug/l	89
93) 1,2,4-Trichlorobenzene	15.104	180	73586	20.882	ug/l	97
94) Hexachlorobutadiene	15.204	225	37098	20.648	ug/l	98
95) Naphthalene	15.334	128	125906	19.229	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	64975	20.274	ug/l	97

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QLast Update : Tue May 16 10:08:53 2023
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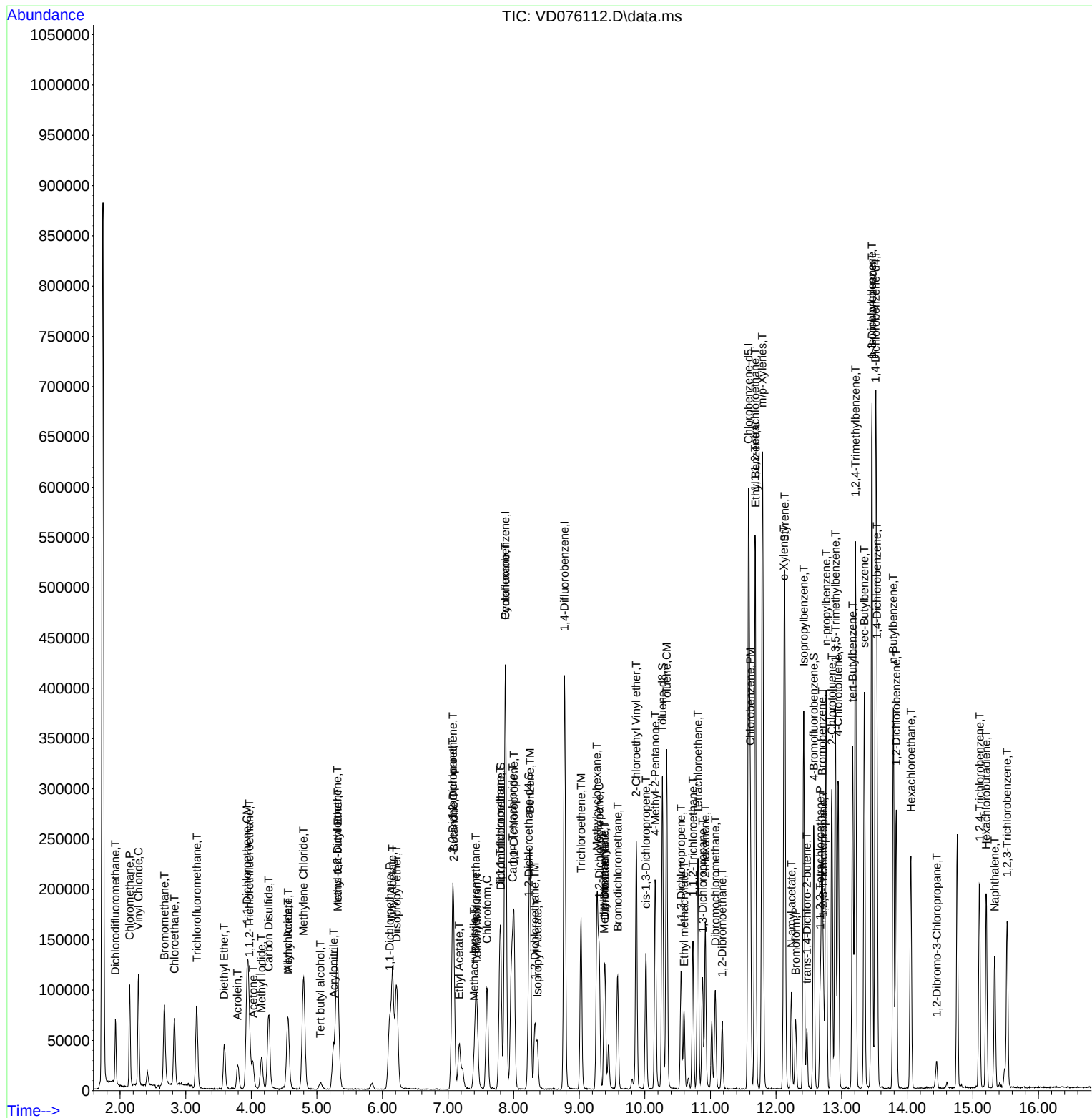
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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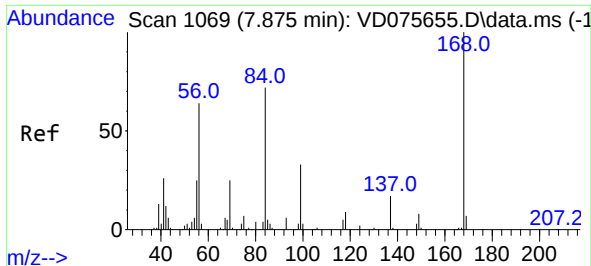
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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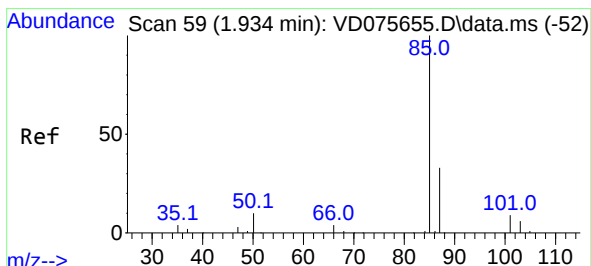
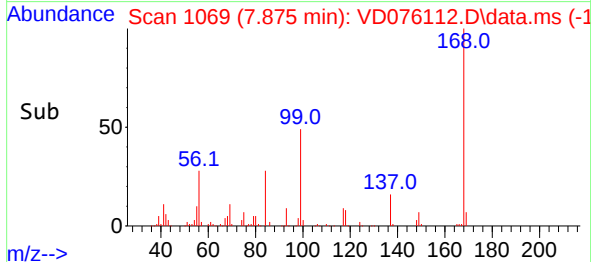
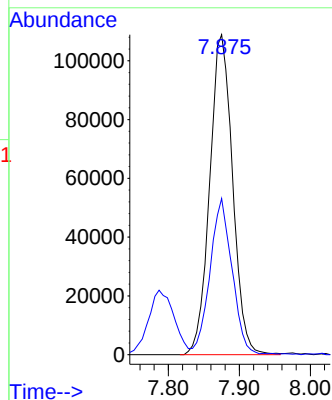
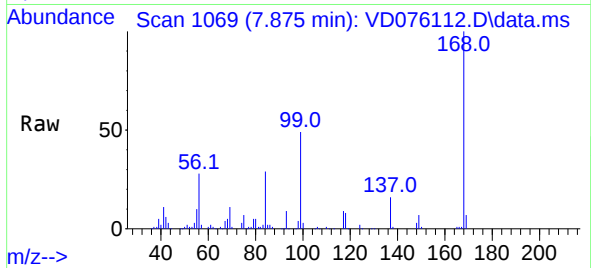




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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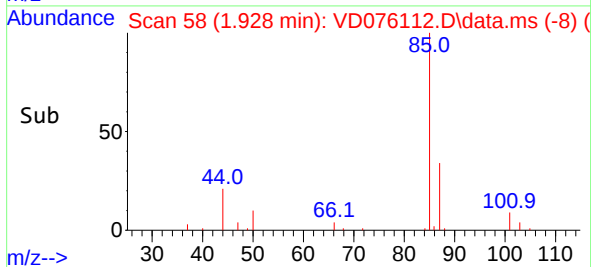
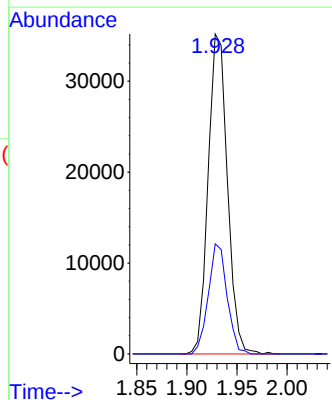
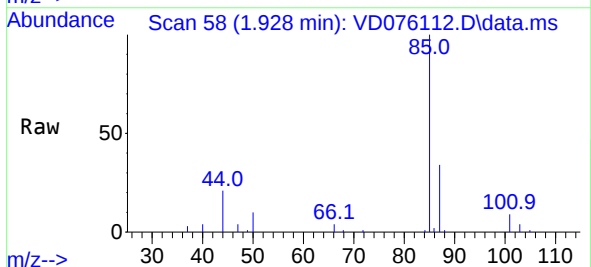
Instrument :
MSVOA_D
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VSTDICC020

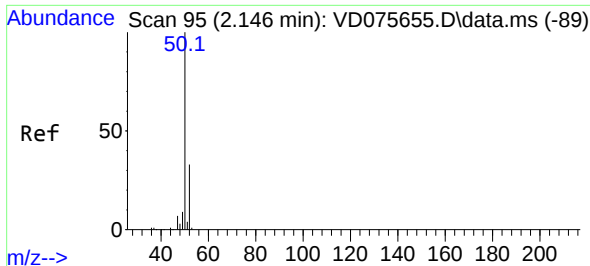
Tgt Ion:168 Resp: 243879
Ion Ratio Lower Upper
168 100
99 48.5 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 21.387 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 85 Resp: 47041
Ion Ratio Lower Upper
85 100
87 34.4 17.3 51.7

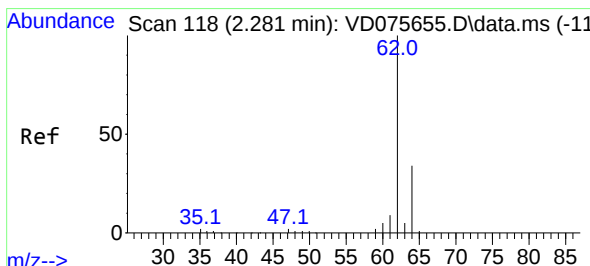
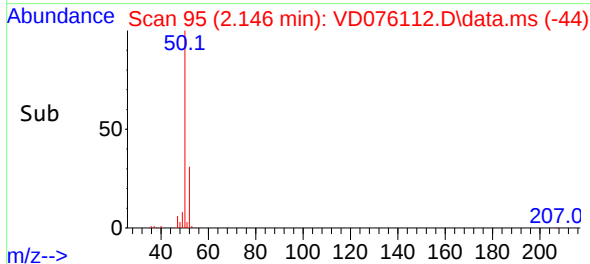
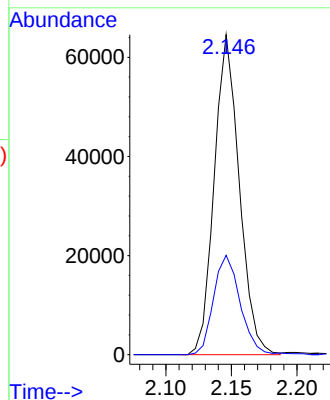
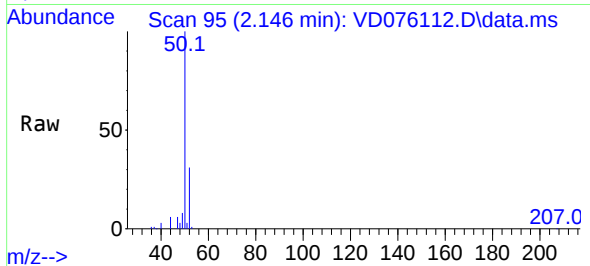




#3
Chloromethane
Concen: 21.144 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

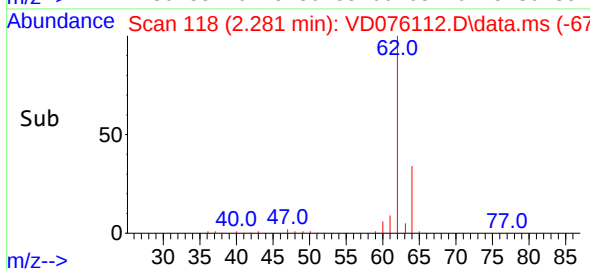
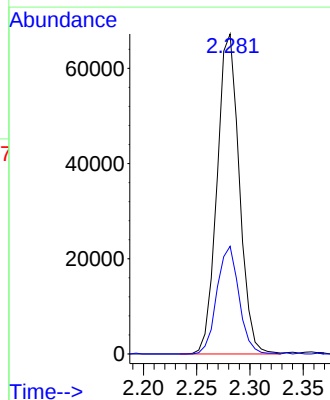
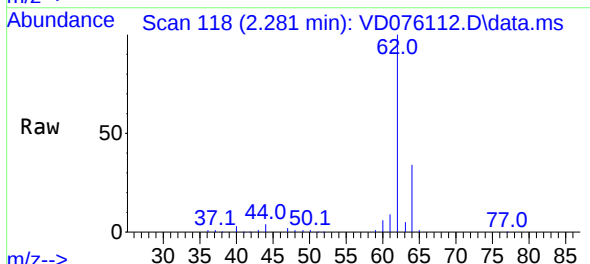
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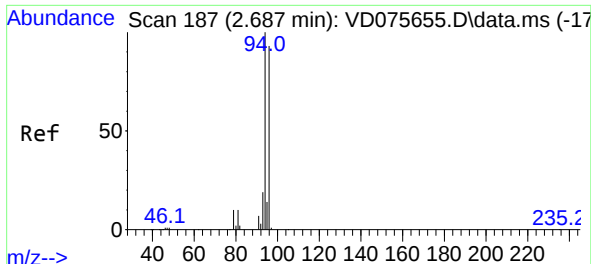
Tgt Ion: 50 Resp: 85635
Ion Ratio Lower Upper
50 100
52 31.0 27.8 41.8



#4
Vinyl Chloride
Concen: 20.530 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076112.D
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Tgt Ion: 62 Resp: 97385
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0

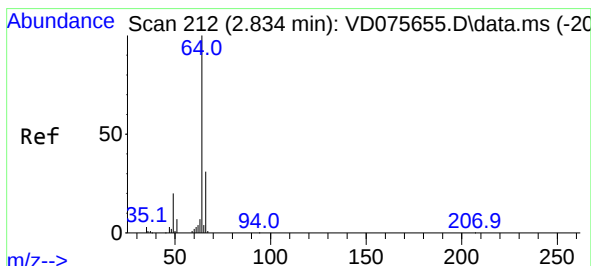
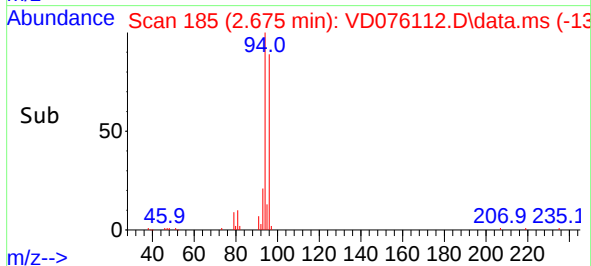
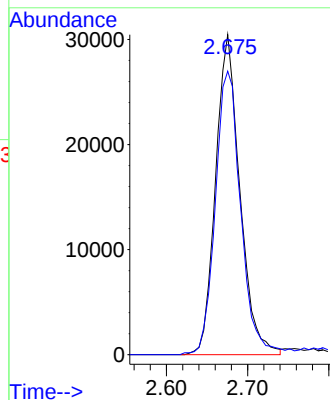
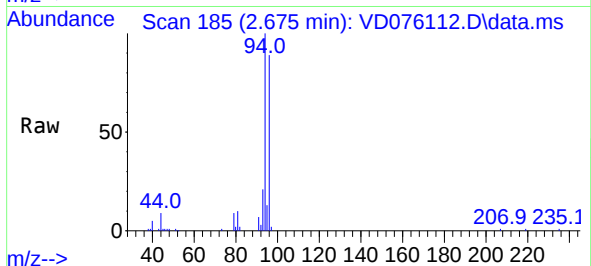




#5
Bromomethane
Concen: 19.798 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076112.D
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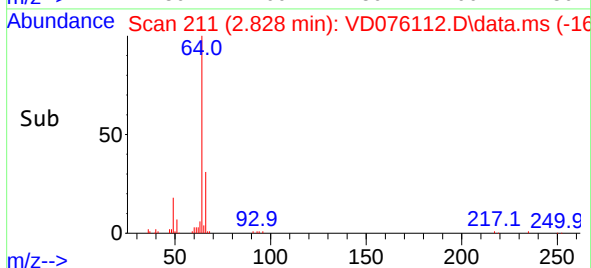
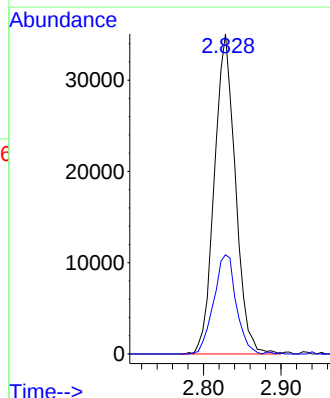
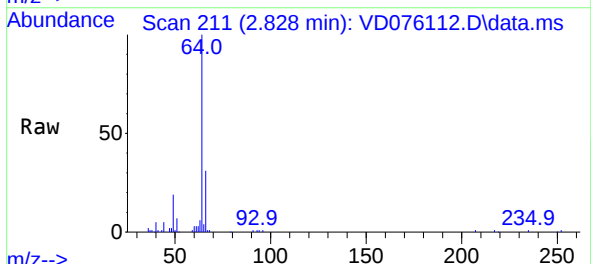
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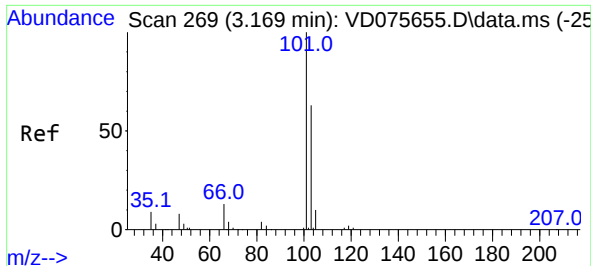
Tgt Ion: 94 Resp: 63228
Ion Ratio Lower Upper
94 100
96 93.2 77.5 116.3



#6
Chloroethane
Concen: 20.762 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 64 Resp: 66260
Ion Ratio Lower Upper
64 100
66 31.0 27.7 41.5

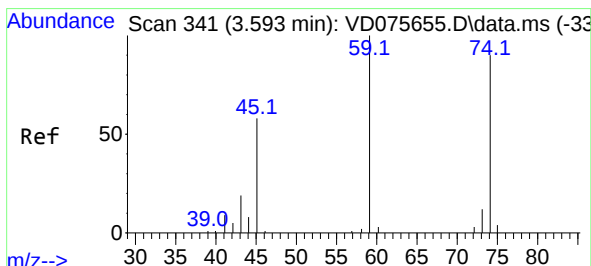
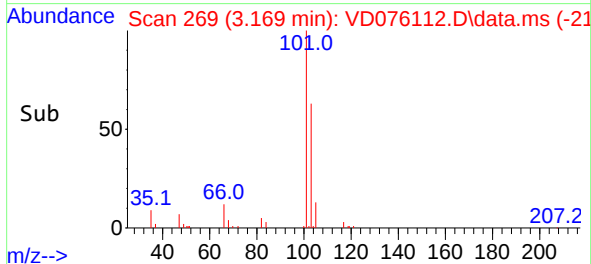
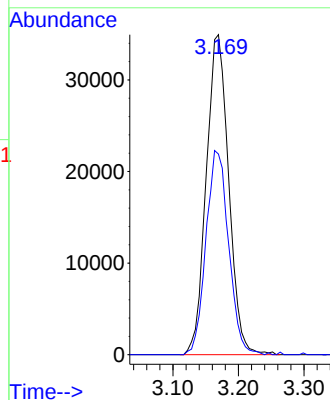
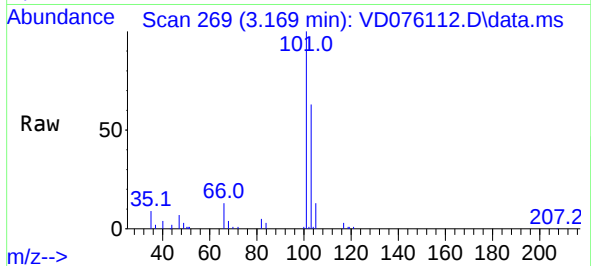




#7
Trichlorofluoromethane
Concen: 20.696 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

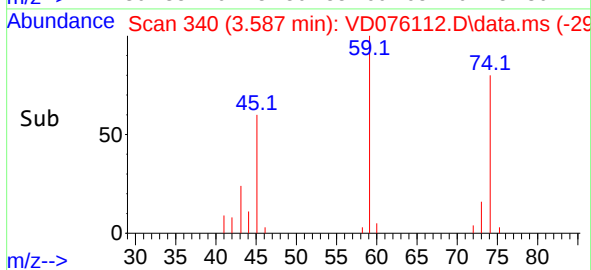
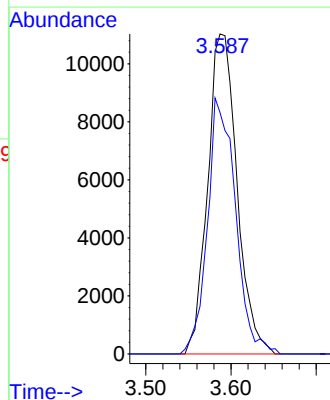
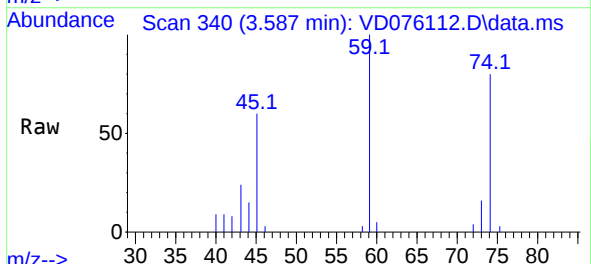
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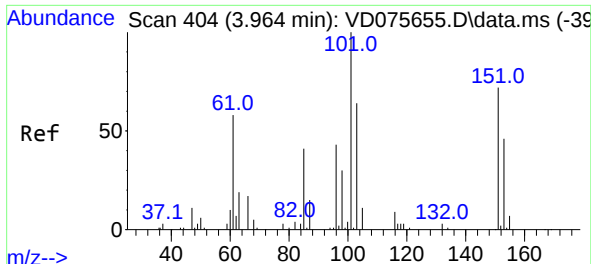
Tgt Ion:101 Resp: 83213
Ion Ratio Lower Upper
101 100
103 62.7 51.9 77.9



#8
Diethyl Ether
Concen: 19.985 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 26425
Ion Ratio Lower Upper
74 100
45 76.5 50.9 152.7

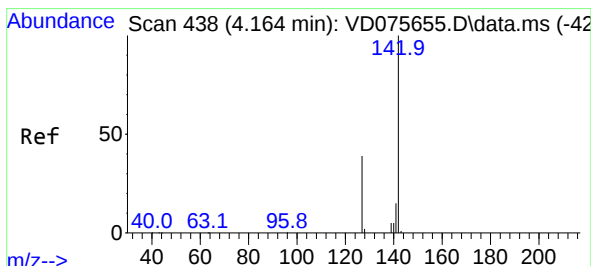
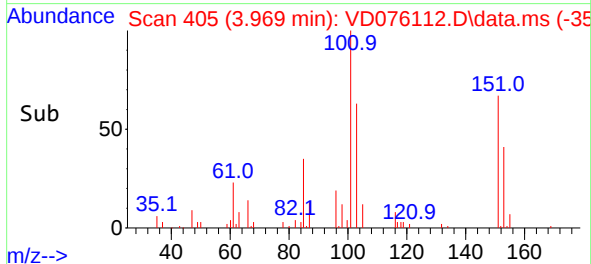
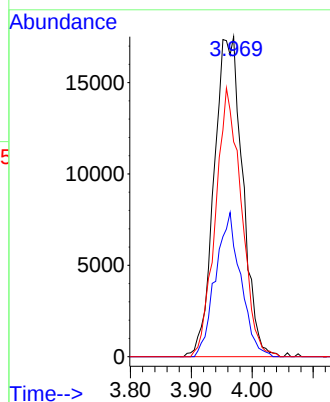
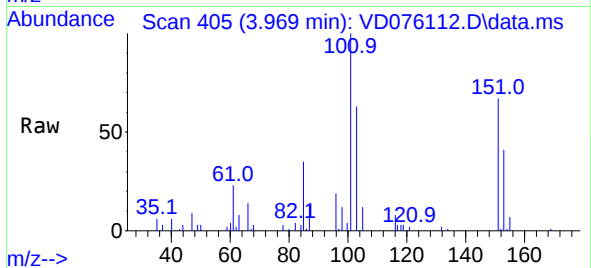




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.469 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

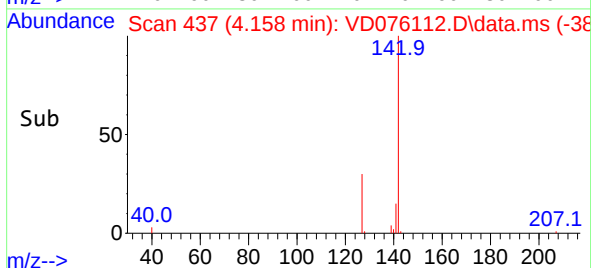
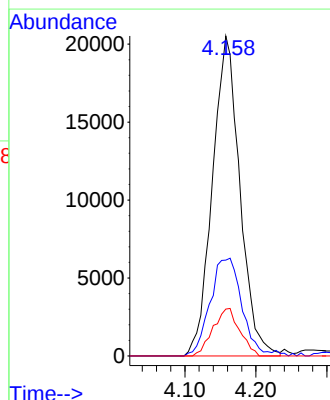
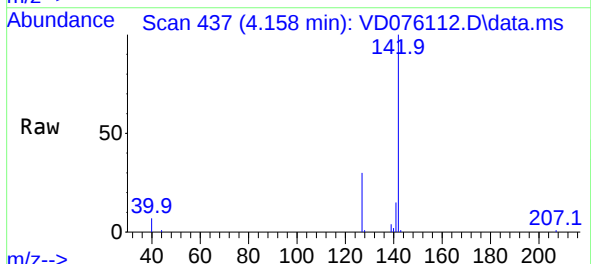
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

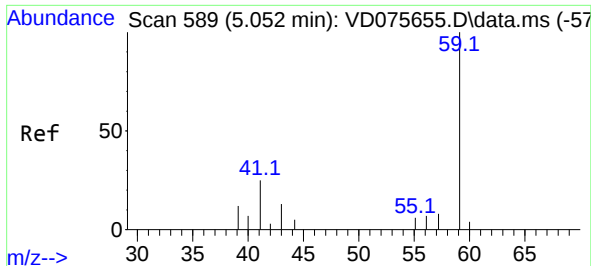
Tgt Ion:101 Resp: 56860
Ion Ratio Lower Upper
101 100
85 39.9 38.3 57.5
151 76.5 60.4 90.6



#10
Methyl Iodide
Concen: 19.981 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:142 Resp: 55023
Ion Ratio Lower Upper
142 100
127 35.5 37.1 55.7#
141 14.4 11.3 16.9

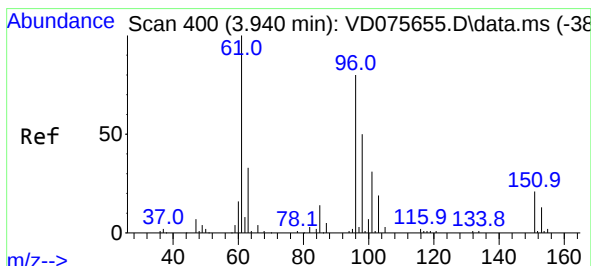
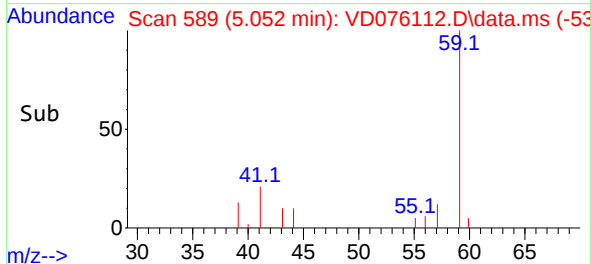
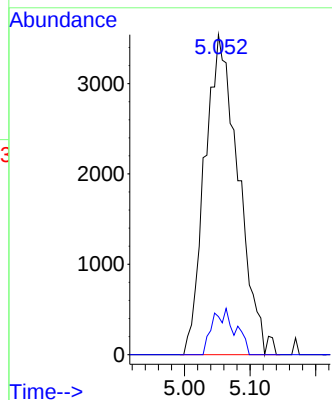
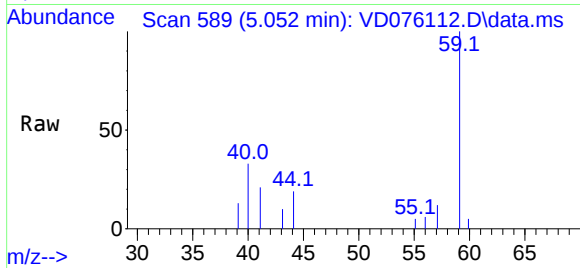




#11
Tert butyl alcohol
Concen: 101.041 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

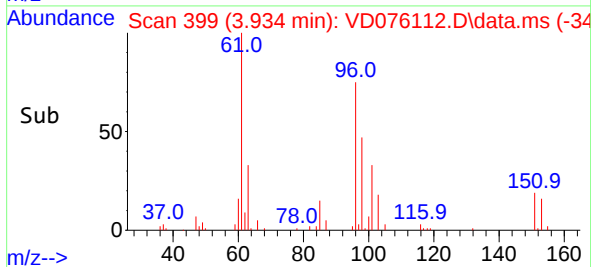
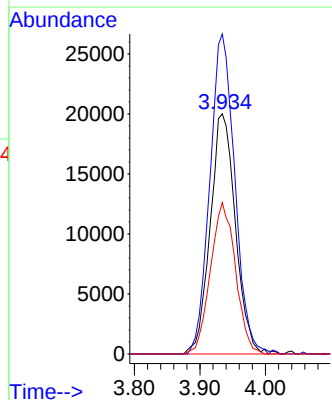
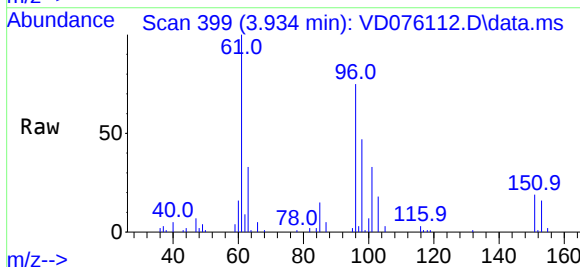
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

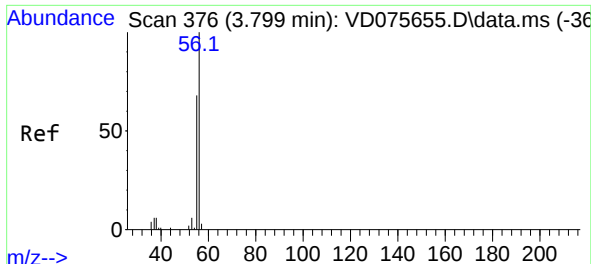
Tgt Ion: 59 Resp: 12598
Ion Ratio Lower Upper
59 100
57 9.8 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.318 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 96 Resp: 53556
Ion Ratio Lower Upper
96 100
61 133.2 118.6 177.8
98 63.0 49.7 74.5

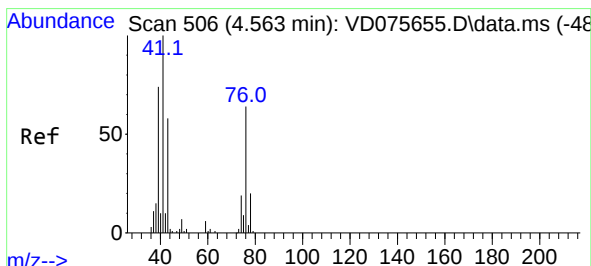
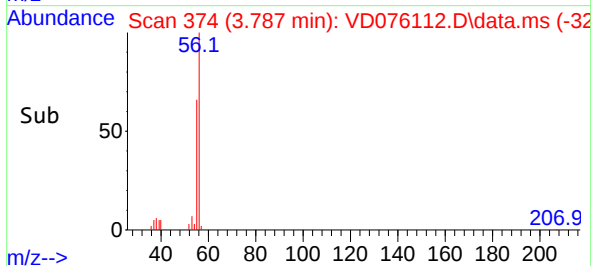
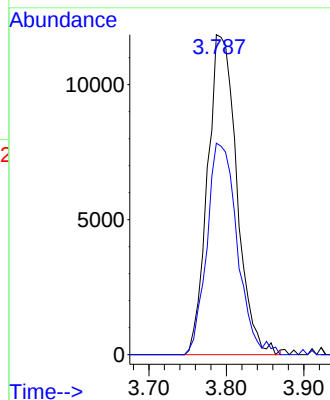
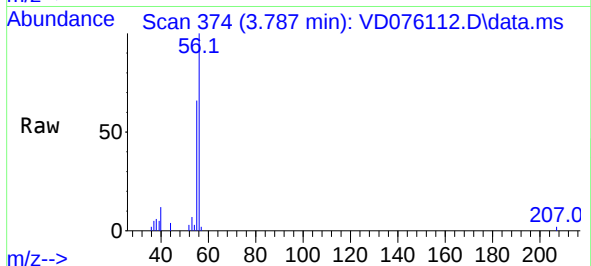




#13
Acrolein
Concen: 101.786 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

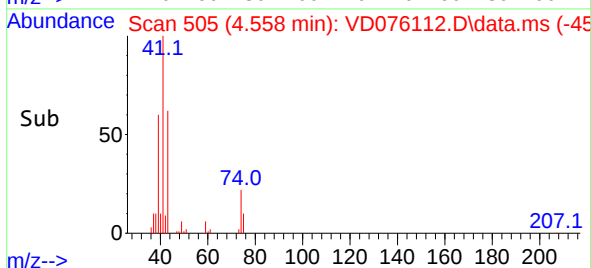
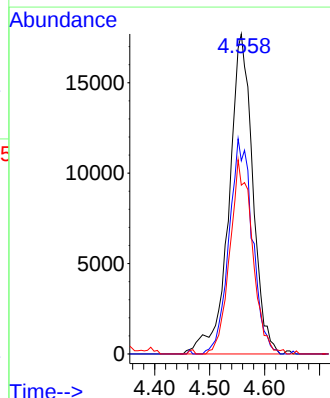
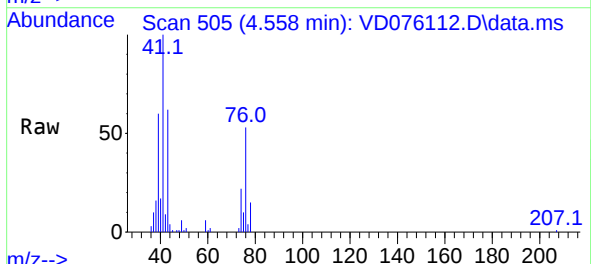
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

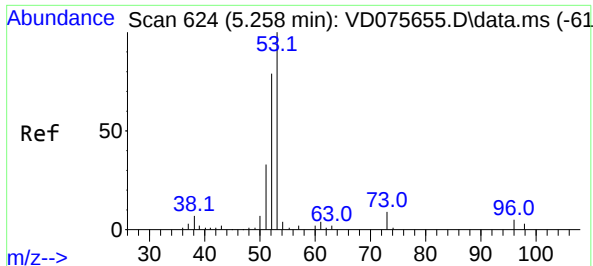
Tgt Ion: 56 Resp: 31060
Ion Ratio Lower Upper
56 100
55 68.7 53.9 80.9



#14
Allyl chloride
Concen: 19.832 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 41 Resp: 53052
Ion Ratio Lower Upper
41 100
39 66.2 60.6 90.8
76 57.5 28.6 43.0#

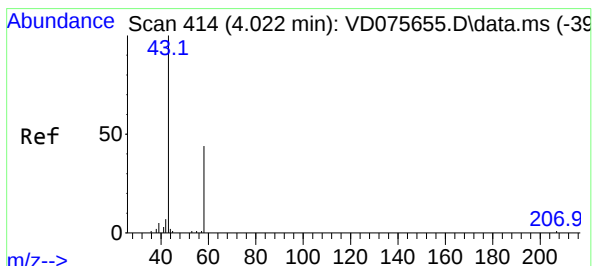
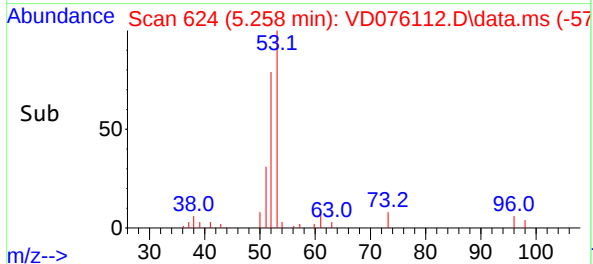
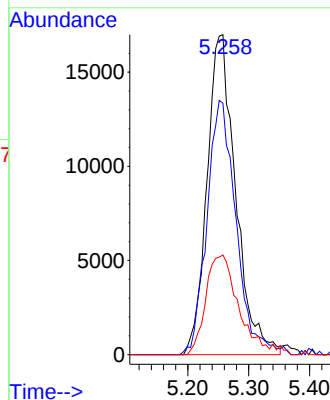
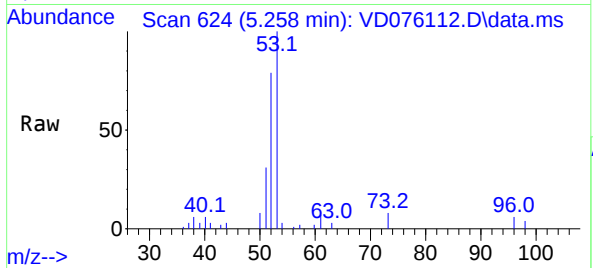




#15
Acrylonitrile
Concen: 101.610 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

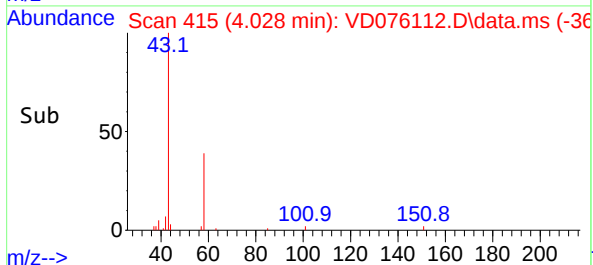
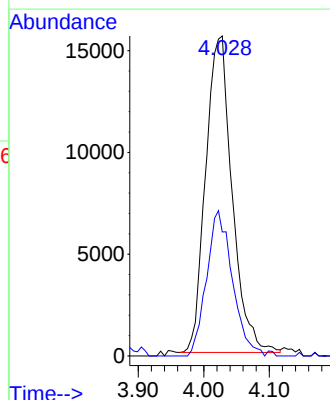
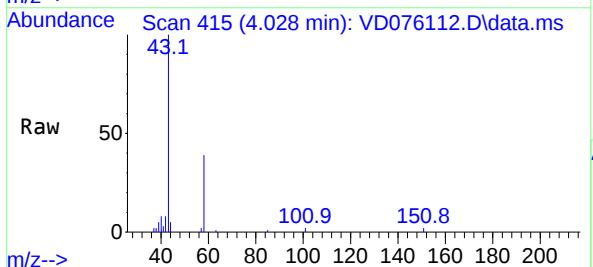
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

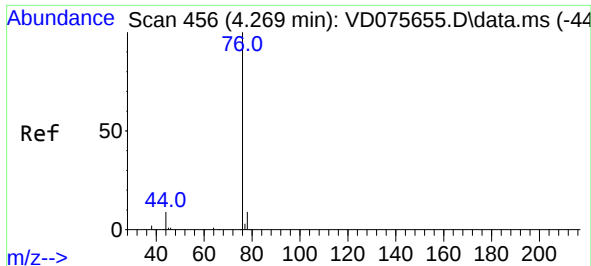
Tgt Ion: 53 Resp: 55628
Ion Ratio Lower Upper
53 100
52 80.8 66.2 99.4
51 35.0 30.7 46.1



#16
Acetone
Concen: 93.068 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 43 Resp: 43645
Ion Ratio Lower Upper
43 100
58 39.2 24.4 36.6#

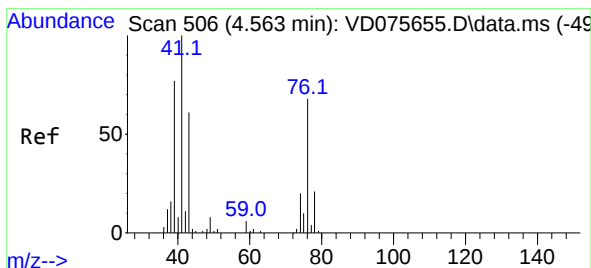
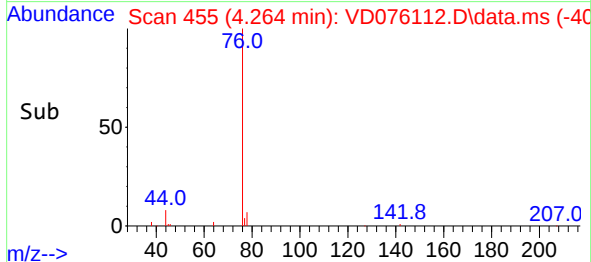
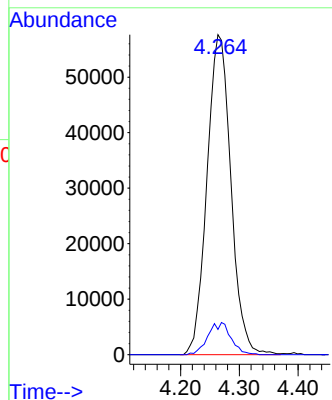
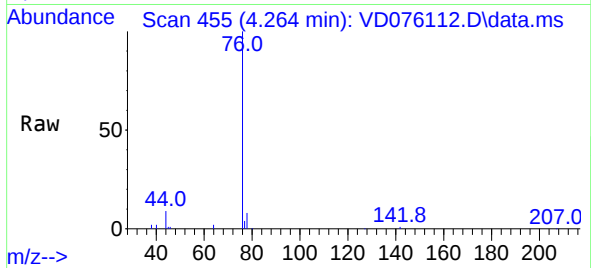




#17
Carbon Disulfide
Concen: 21.264 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.005 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

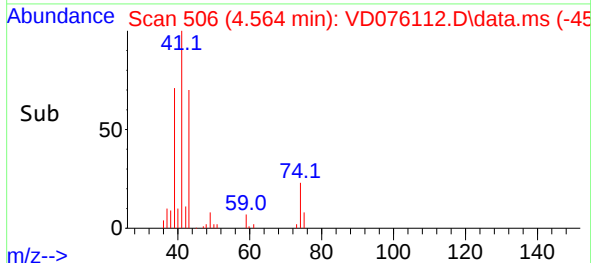
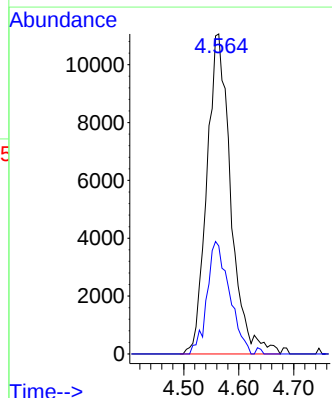
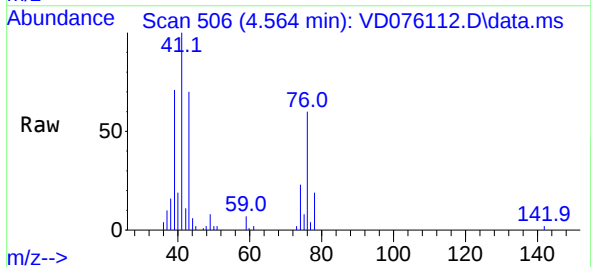
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

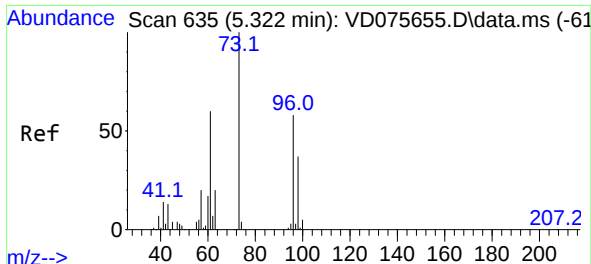
Tgt Ion: 76 Resp: 163155
Ion Ratio Lower Upper
76 100
78 7.9 8.0 12.0#



#18
Methyl Acetate
Concen: 20.013 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 43 Resp: 33479
Ion Ratio Lower Upper
43 100
74 32.8 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 19.914 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

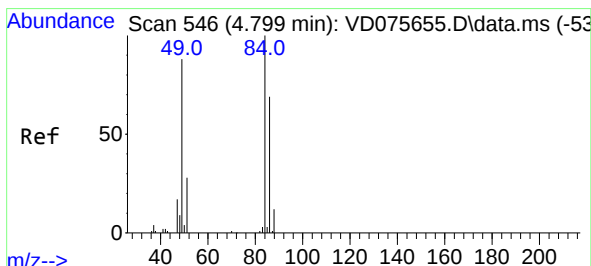
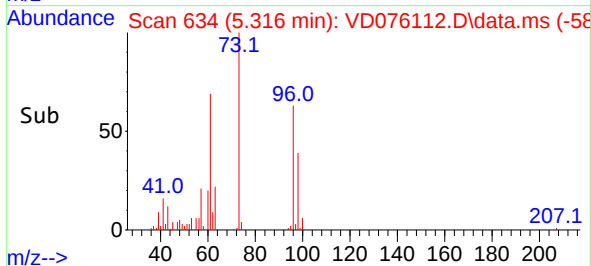
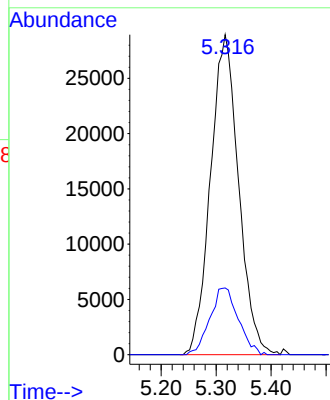
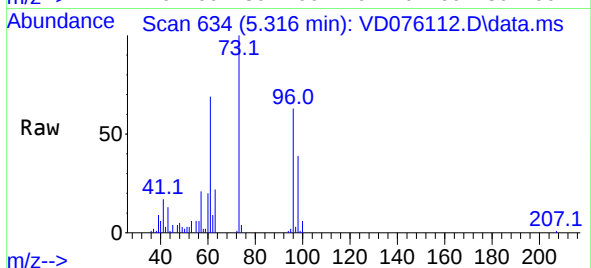
VSTDIC020

Tgt Ion: 73 Resp: 102736

Ion Ratio Lower Upper

73 100

57 20.9 17.2 25.8



#20

Methylene Chloride

Concen: 20.848 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

Tgt Ion: 84 Resp: 98200

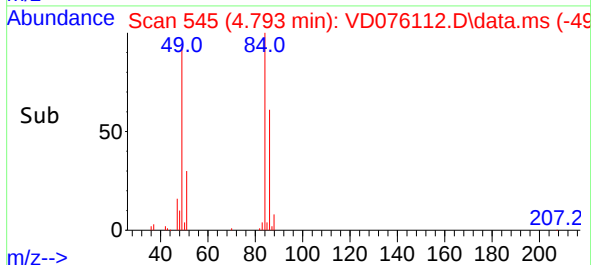
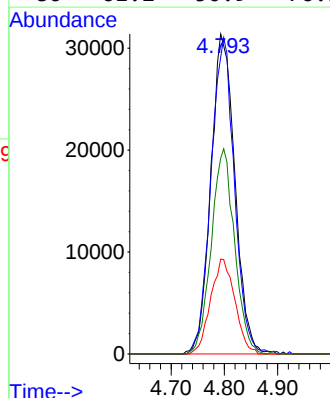
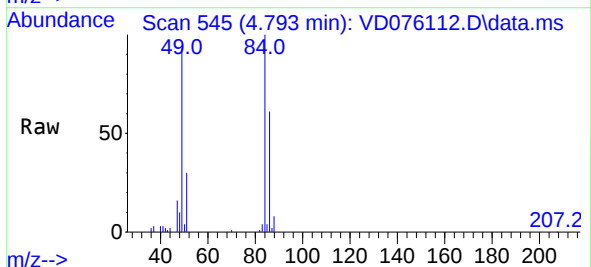
Ion Ratio Lower Upper

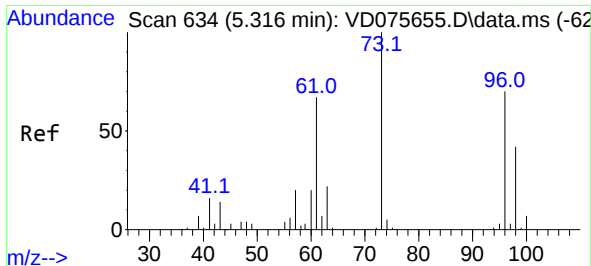
84 100

49 92.7 106.4 159.6#

51 29.7 32.4 48.6#

86 61.2 50.9 76.3

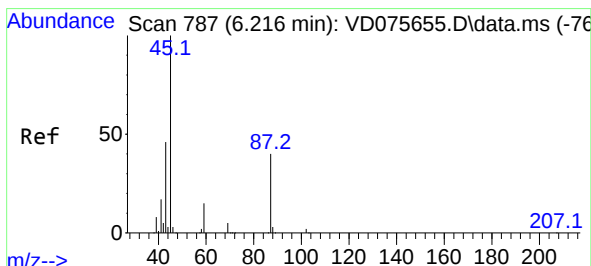
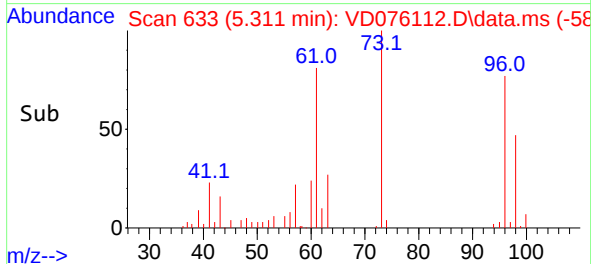
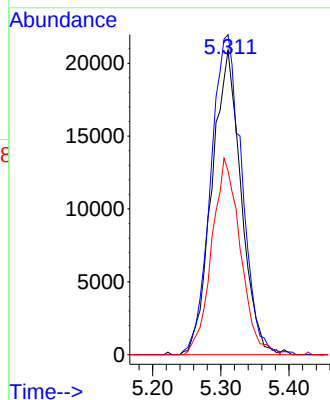
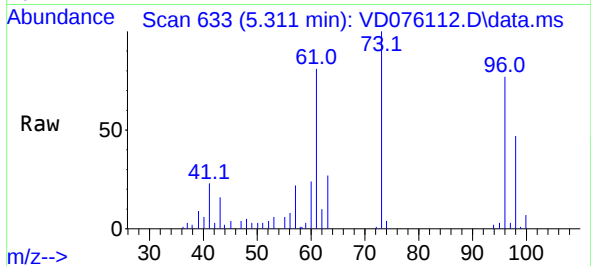




#21
trans-1,2-Dichloroethene
Concen: 20.455 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

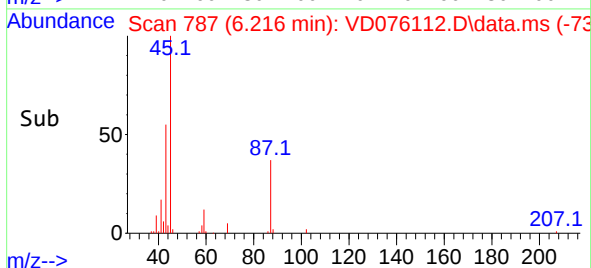
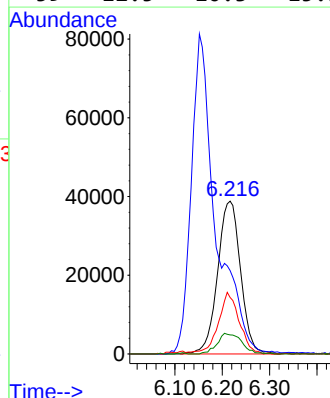
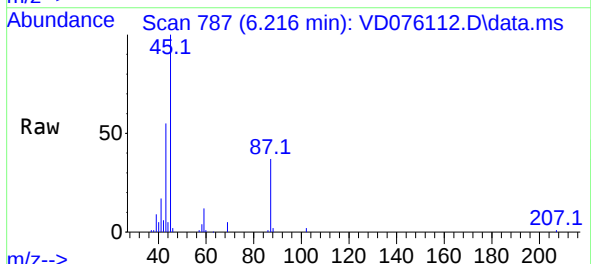
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

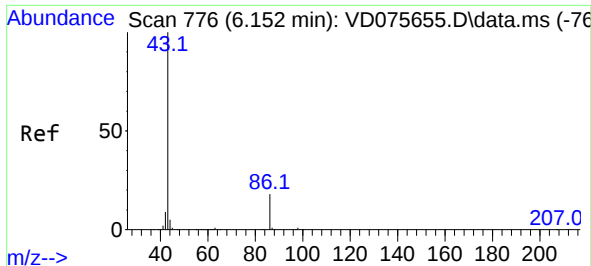
Tgt Ion: 96 Resp: 62138
Ion Ratio Lower Upper
96 100
61 105.1 117.2 175.8#
98 60.4 50.6 76.0



#22
Diisopropyl ether
Concen: 21.091 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 45 Resp: 130959
Ion Ratio Lower Upper
45 100
43 53.7 44.4 66.6
87 37.0 20.9 31.3#
59 12.5 10.3 15.5

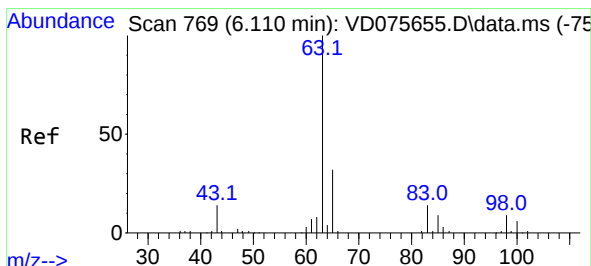
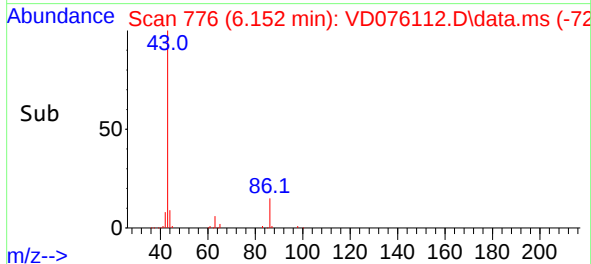
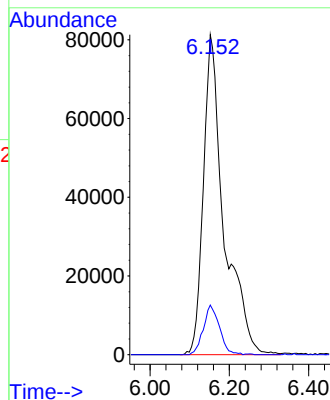
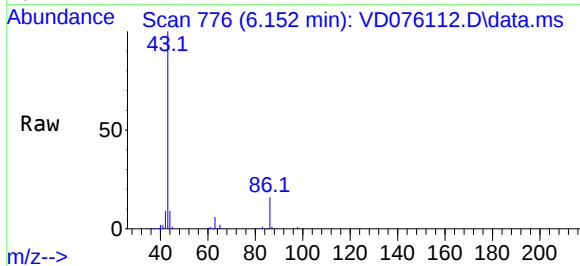




#23
 Vinyl Acetate
 Concen: 120.024 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076112.D
 Acq: 15 May 2023 12:51

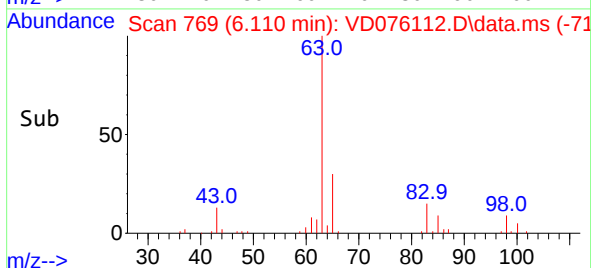
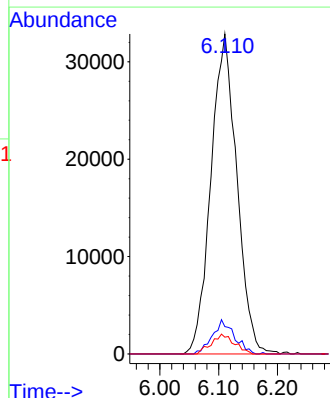
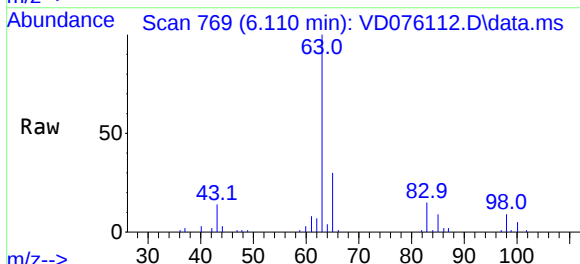
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

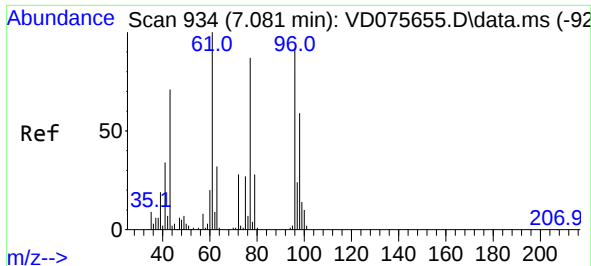
Tgt Ion: 43 Resp: 293030
 Ion Ratio Lower Upper
 43 100
 86 15.5 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 20.578 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076112.D
 Acq: 15 May 2023 12:51

Tgt Ion: 63 Resp: 100771
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 5.2 2.0 6.0

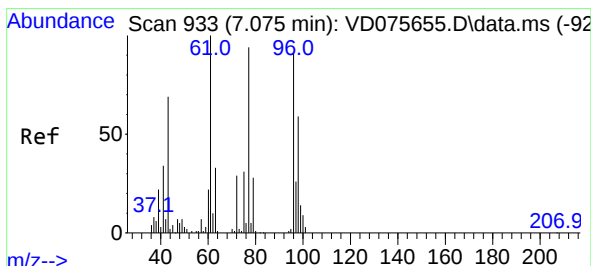
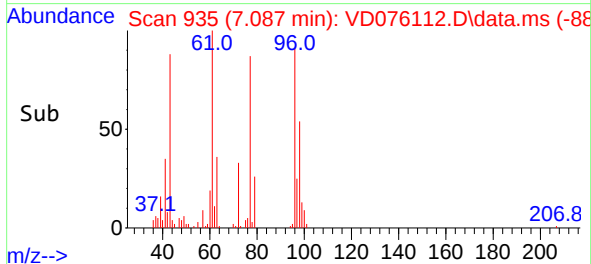
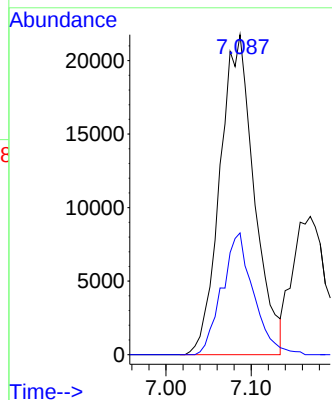
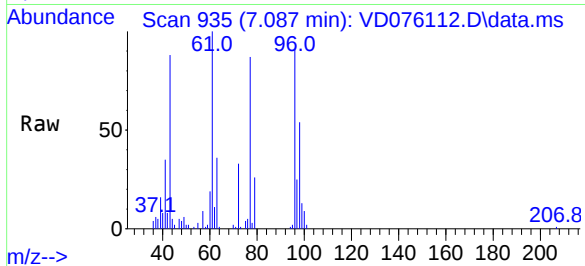




#25
2-Butanone
Concen: 103.074 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

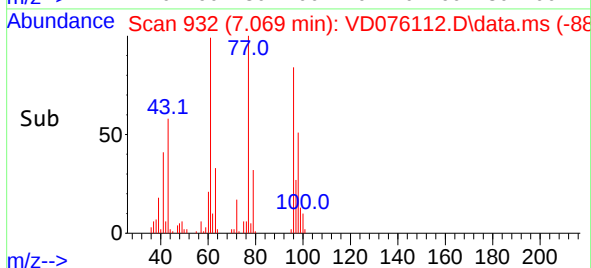
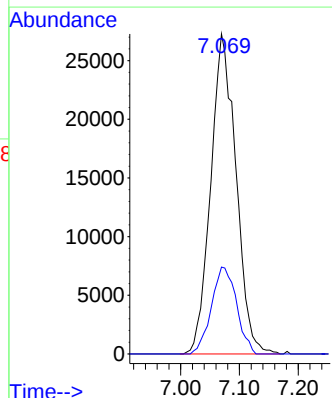
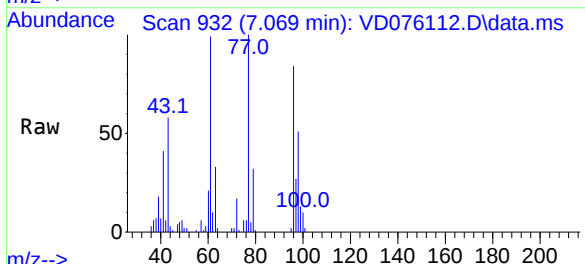
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

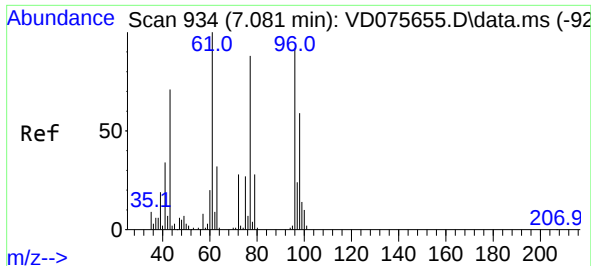
Tgt Ion: 43 Resp: 60778
Ion Ratio Lower Upper
43 100
72 38.1 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 20.388 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 77 Resp: 81410
Ion Ratio Lower Upper
77 100
97 27.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.348 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

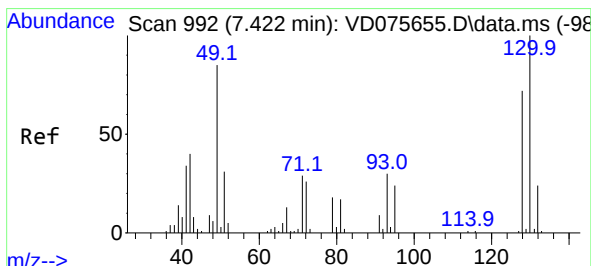
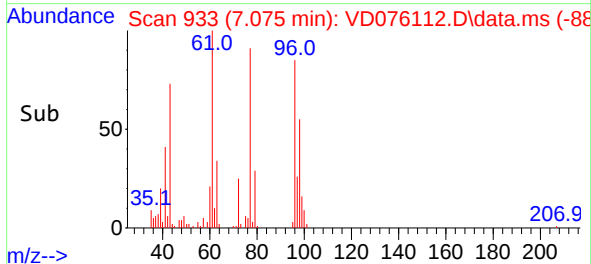
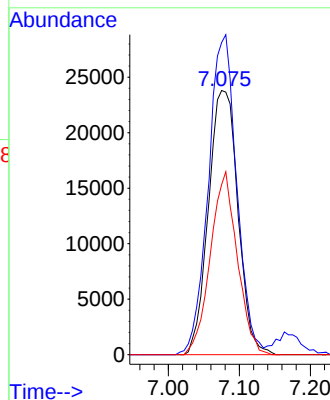
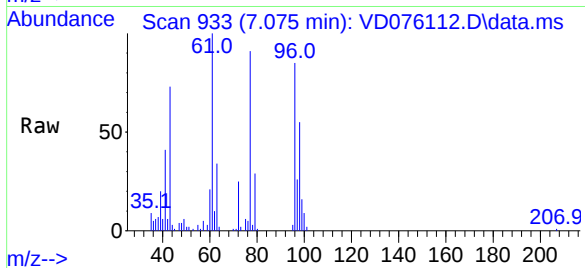
Tgt Ion: 96 Resp: 68595

Ion Ratio Lower Upper

96 100

61 116.4 0.0 295.2

98 63.3 0.0 129.2



#28

Bromochloromethane

Concen: 21.117 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

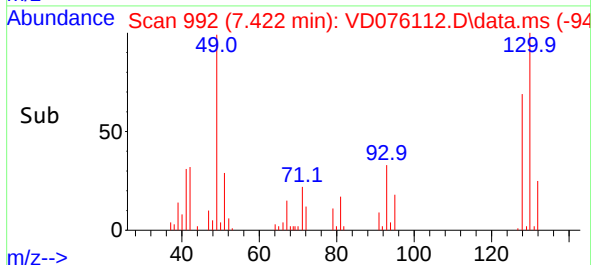
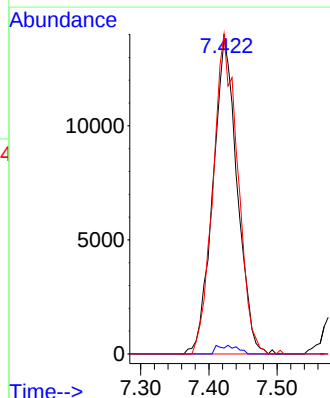
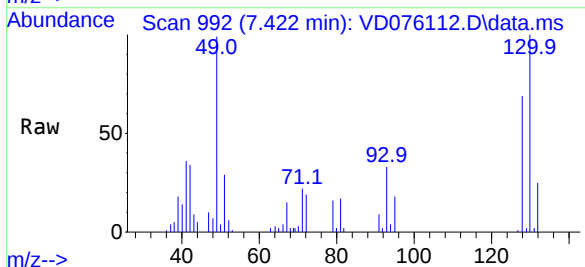
Tgt Ion: 49 Resp: 34480

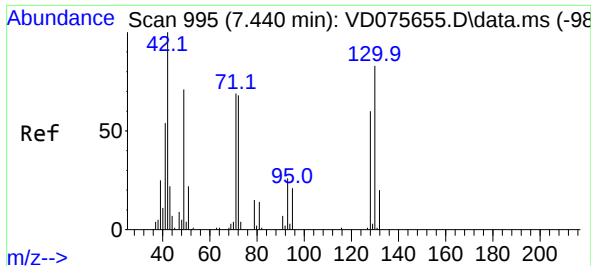
Ion Ratio Lower Upper

49 100

129 1.0 0.0 2.2

130 102.6 56.0 84.0#

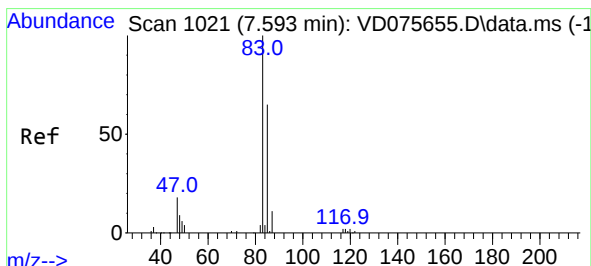
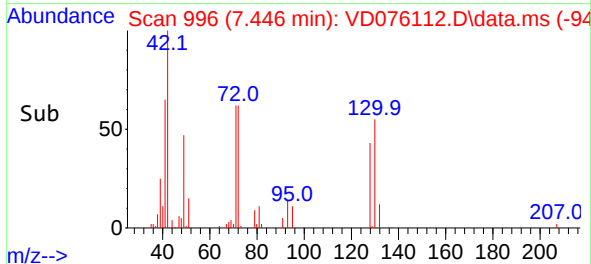
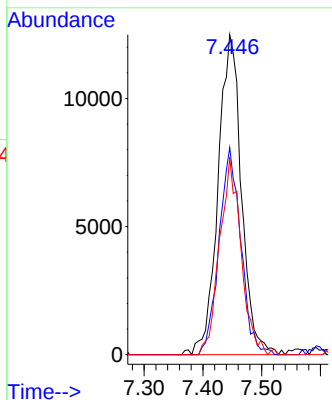
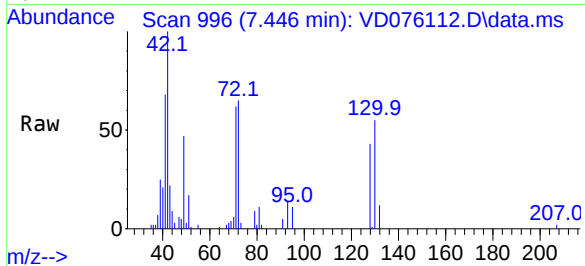




#29
Tetrahydrofuran
Concen: 100.676 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

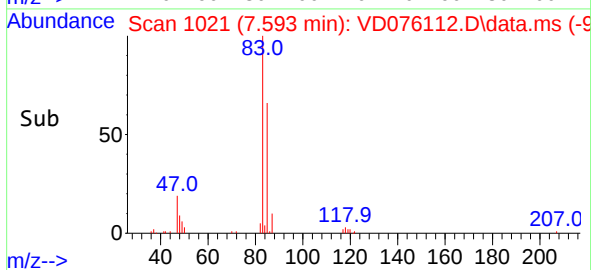
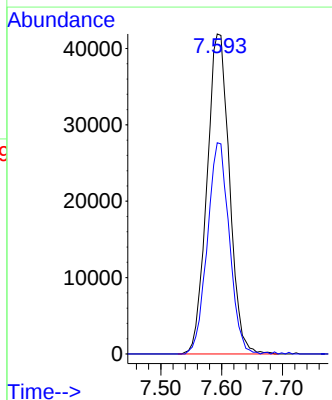
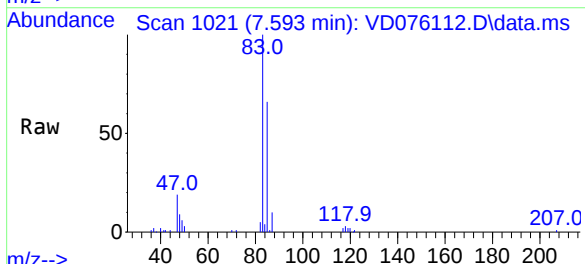
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

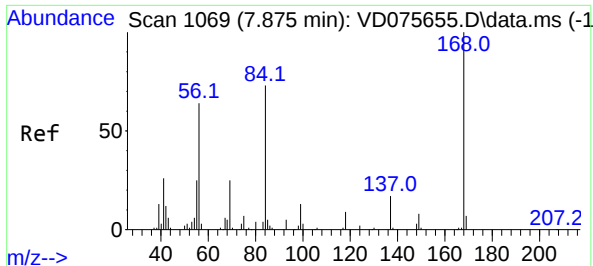
Tgt Ion: 42 Resp: 34601
Ion Ratio Lower Upper
42 100
72 60.0 31.8 47.6#
71 56.2 27.6 41.4#



#30
Chloroform
Concen: 20.494 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 83 Resp: 107321
Ion Ratio Lower Upper
83 100
85 66.0 49.4 74.2

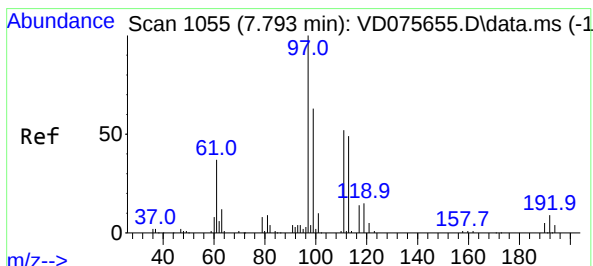
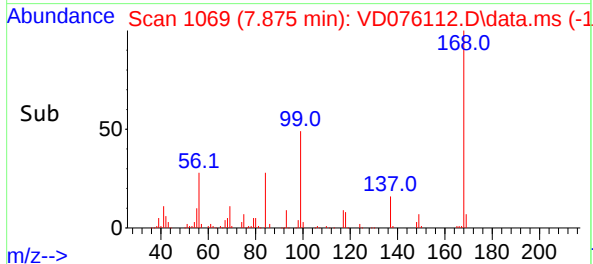
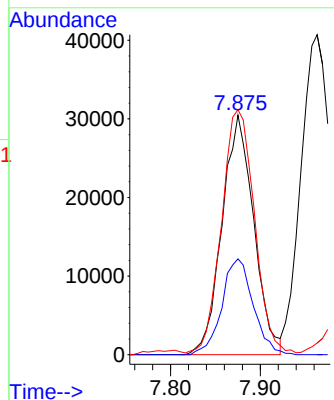
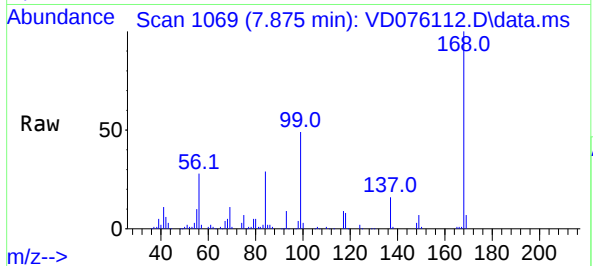




#31
Cyclohexane
Concen: 20.721 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

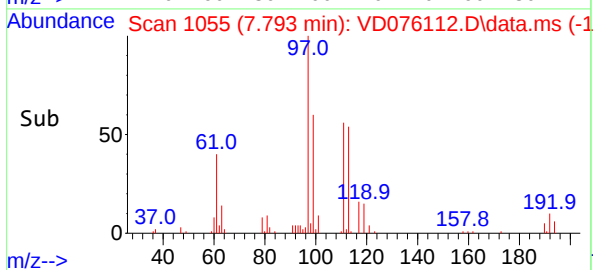
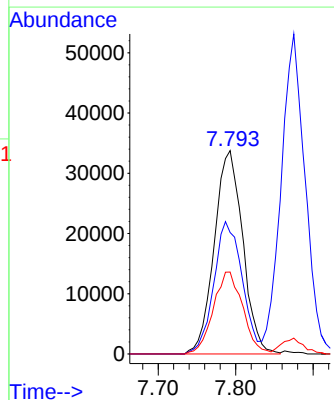
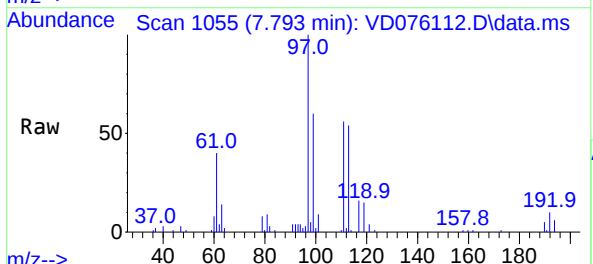
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

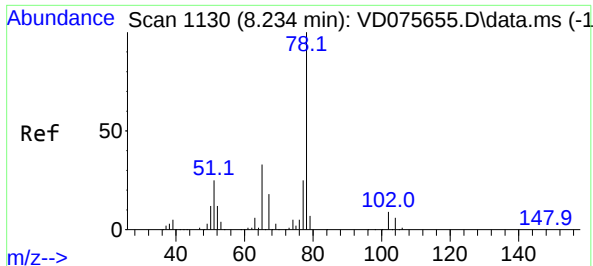
Tgt Ion: 56 Resp: 74800
Ion Ratio Lower Upper
56 100
69 40.0 25.5 38.3#
84 101.0 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.660 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 97 Resp: 86220
Ion Ratio Lower Upper
97 100
99 64.3 50.5 75.7
61 41.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 20.653 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

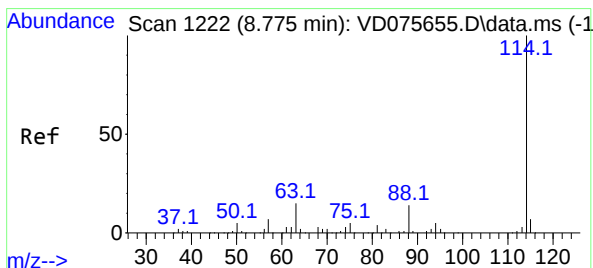
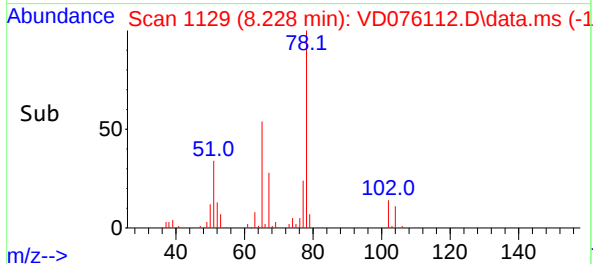
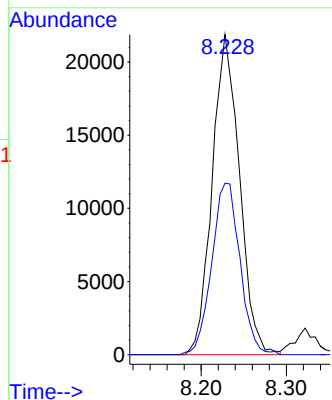
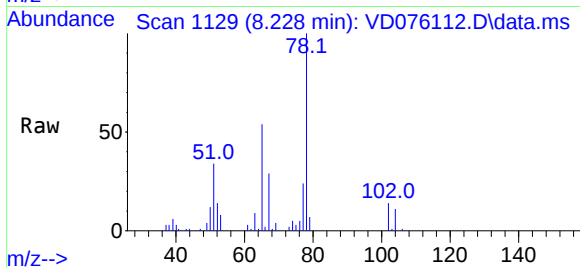
VSTDICC020

Tgt Ion: 65 Resp: 48680

Ion Ratio Lower Upper

65 100

67 55.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

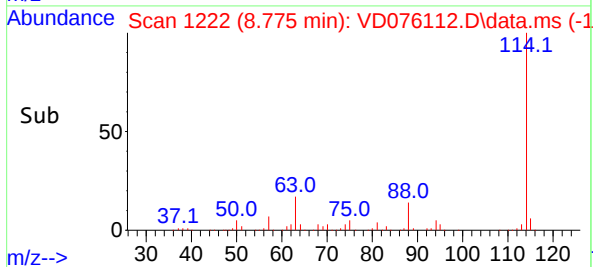
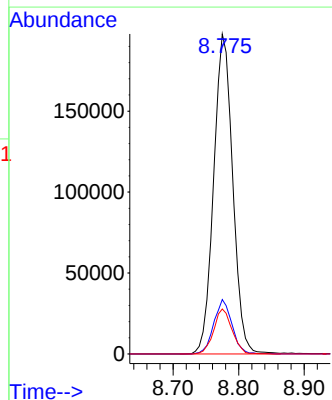
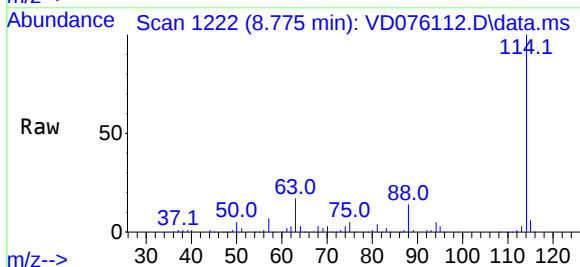
Tgt Ion:114 Resp: 399014

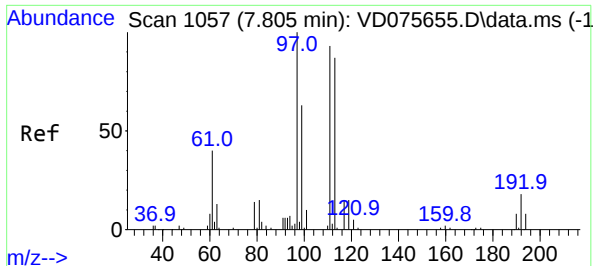
Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.6

88 14.0 0.0 30.6

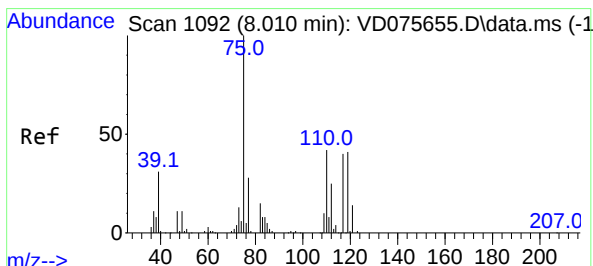
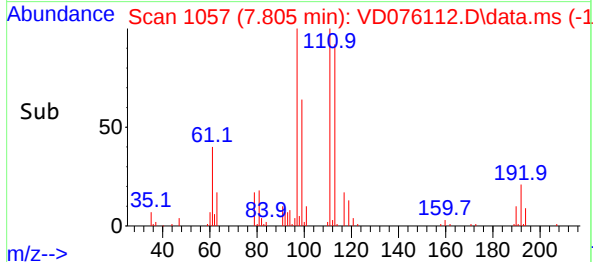
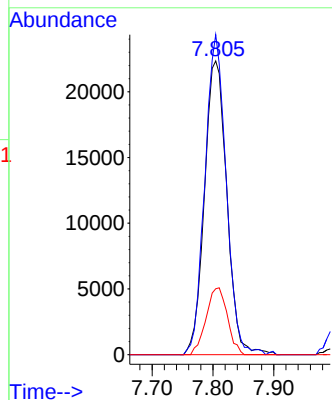
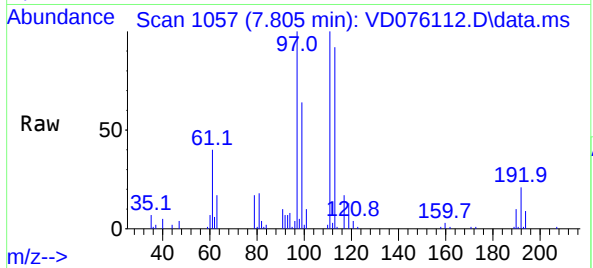




#35
Dibromofluoromethane
Concen: 20.717 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

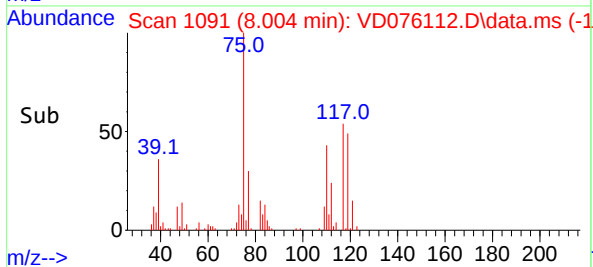
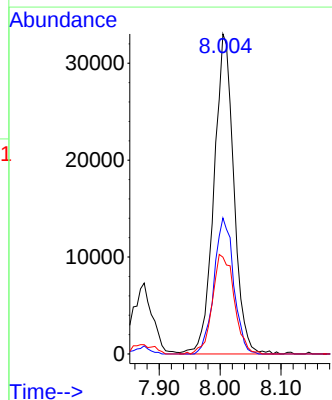
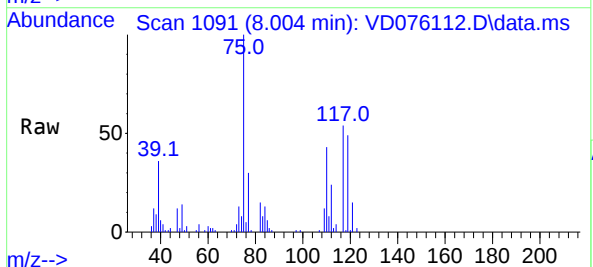
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

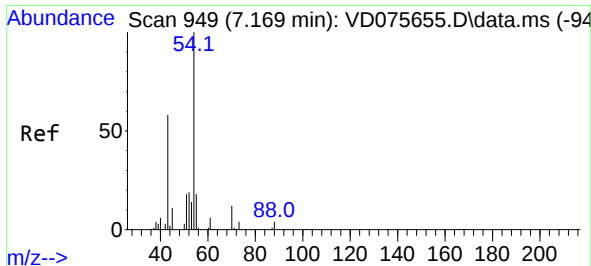
Tgt Ion:113 Resp: 57139
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 21.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.061 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 75 Resp: 74726
Ion Ratio Lower Upper
75 100
110 42.0 17.1 51.2
77 34.2 24.6 36.8

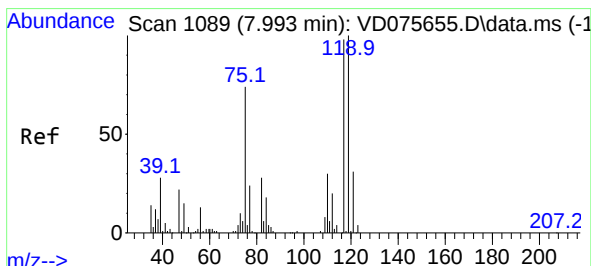
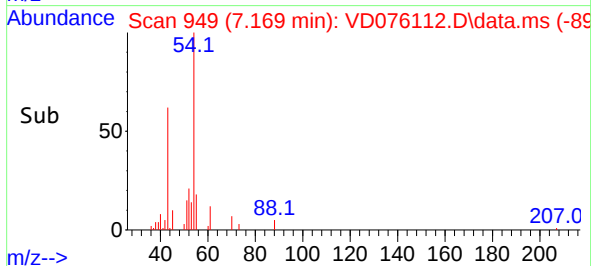
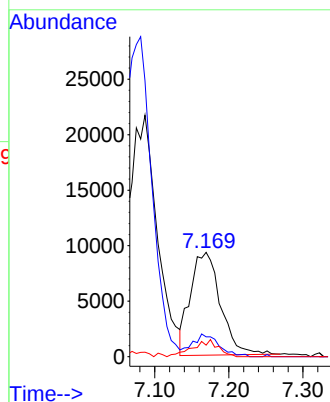
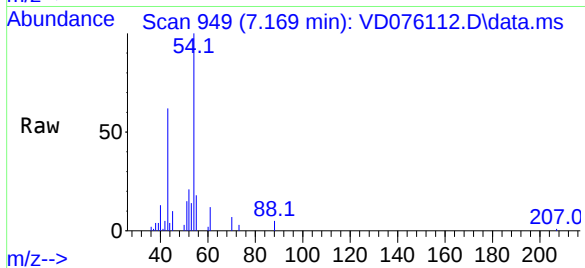




#37
Ethyl Acetate
Concen: 20.301 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

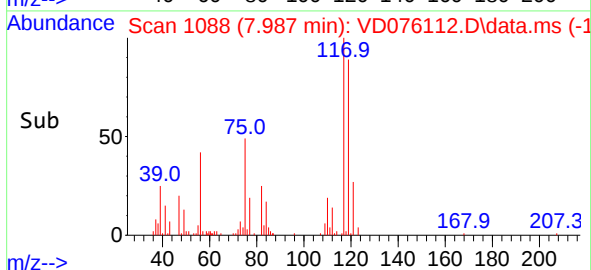
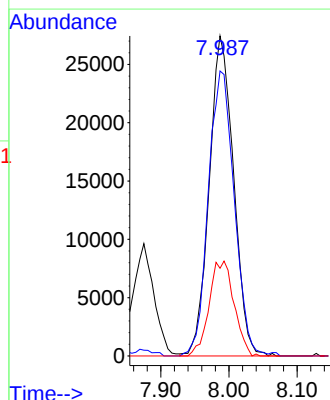
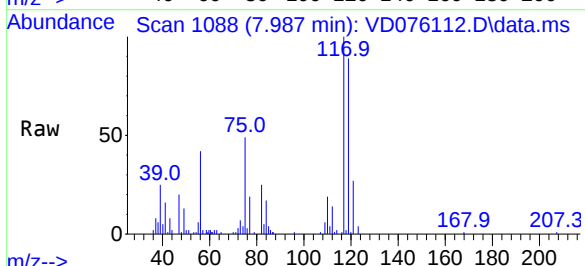
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

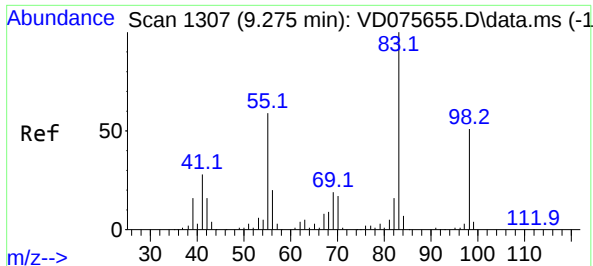
Tgt Ion: 43 Resp: 26186
Ion Ratio Lower Upper
43 100
61 18.5 0.0 0.0#
70 13.7 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 20.292 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 117 Resp: 68275
Ion Ratio Lower Upper
117 100
119 89.1 74.7 112.1
121 27.4 25.9 38.9





#39

Methylcyclohexane

Concen: 19.455 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

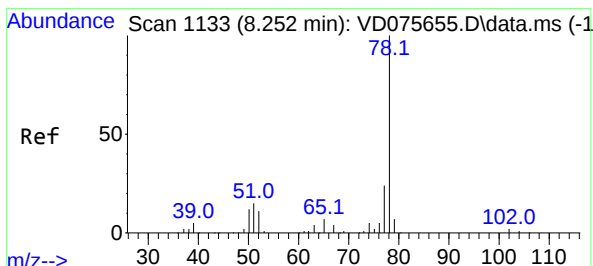
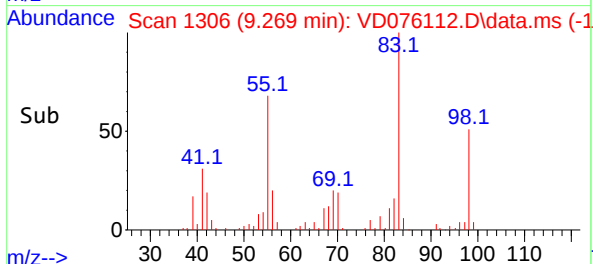
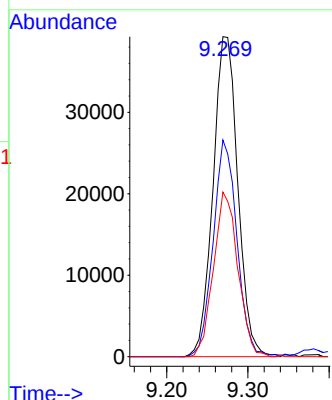
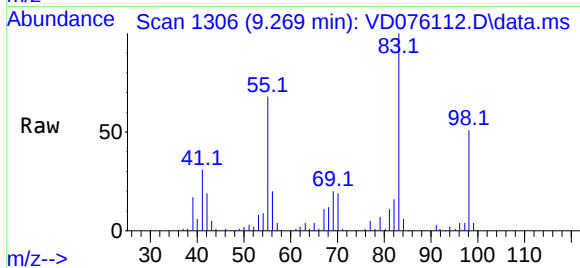
Tgt Ion: 83 Resp: 83431

Ion Ratio Lower Upper

83 100

55 67.7 56.8 85.2

98 51.4 38.9 58.3



#40

Benzene

Concen: 20.151 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076112.D

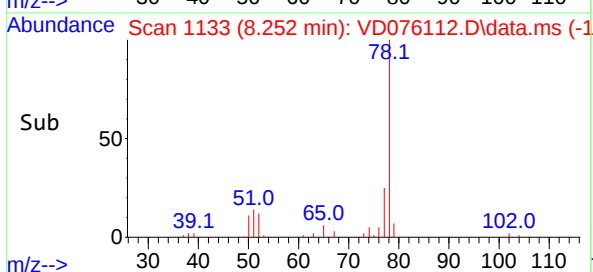
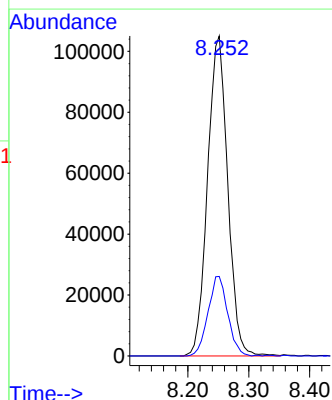
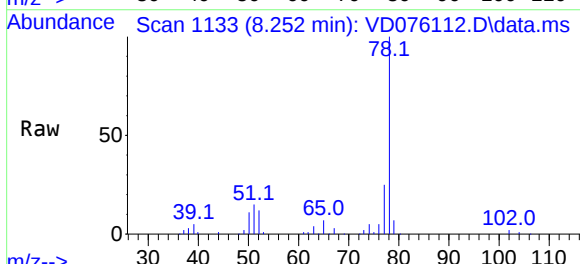
Acq: 15 May 2023 12:51

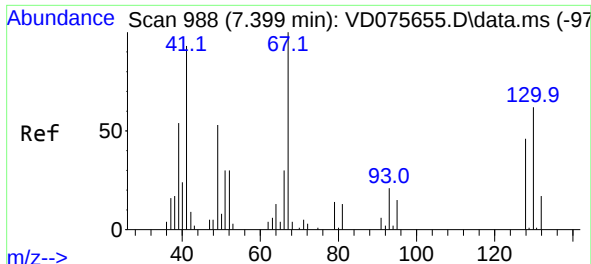
Tgt Ion: 78 Resp: 241321

Ion Ratio Lower Upper

78 100

77 24.9 19.1 28.7



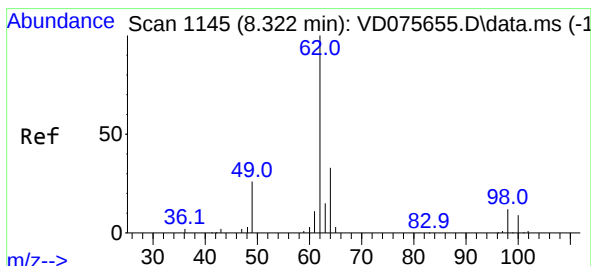
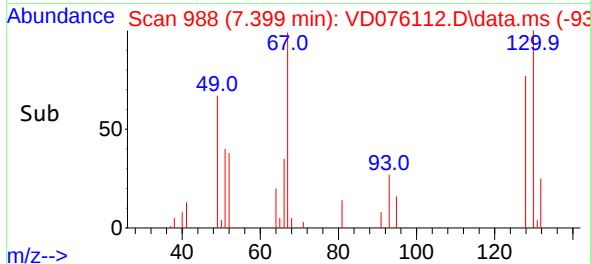
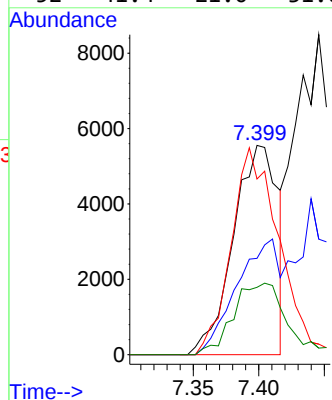
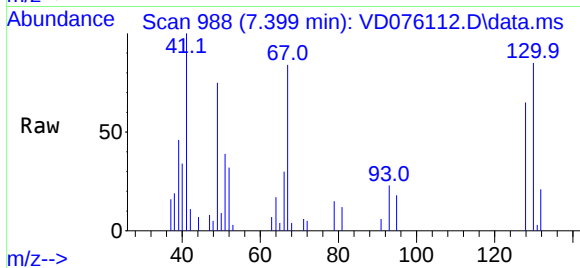


#41
Methacrylonitrile
Concen: 18.493 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 13079

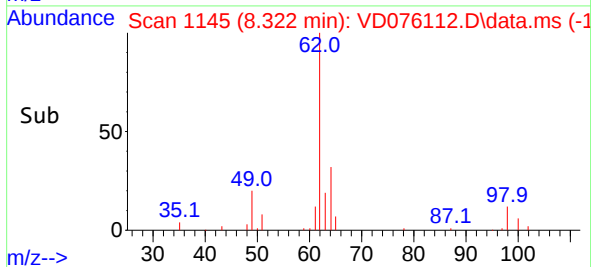
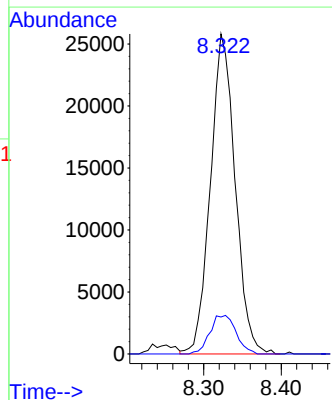
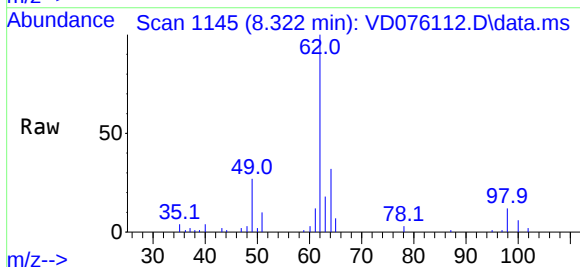
Ion	Ratio	Lower	Upper
41	100		
39	52.6	45.3	67.9
67	105.3	50.5	75.7#
52	41.4	21.0	31.6#

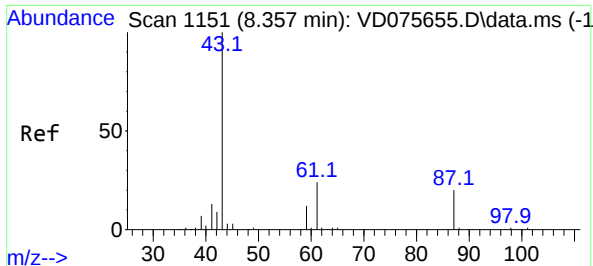


#42
1,2-Dichloroethane
Concen: 20.233 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 62 Resp: 57312

Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	18.8

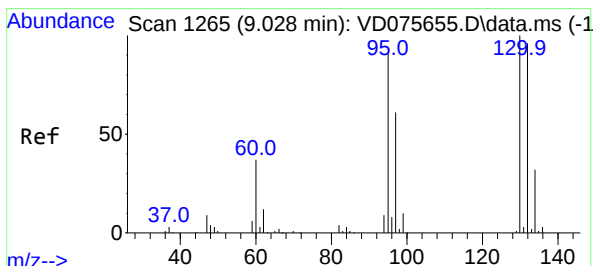
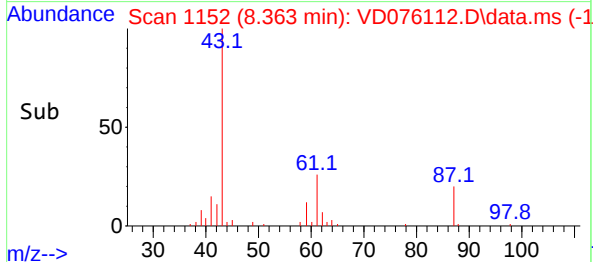
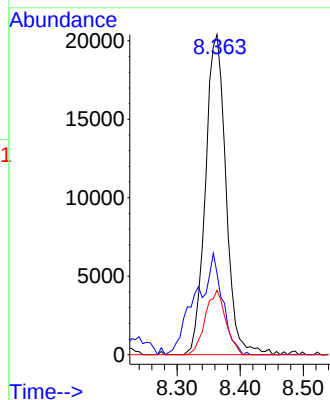
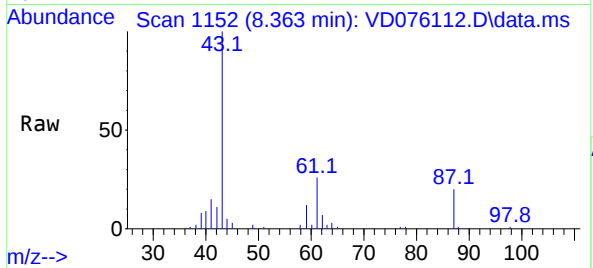




#43
Isopropyl Acetate
Concen: 19.122 ug/l
RT: 8.363 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

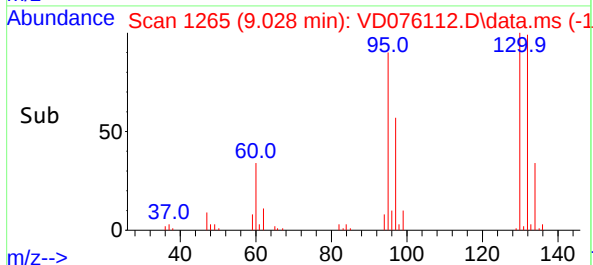
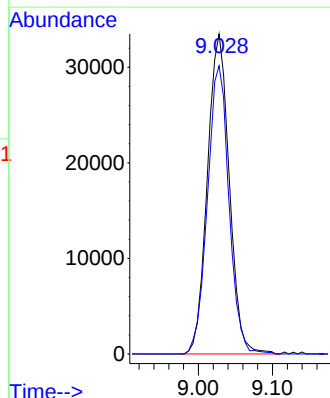
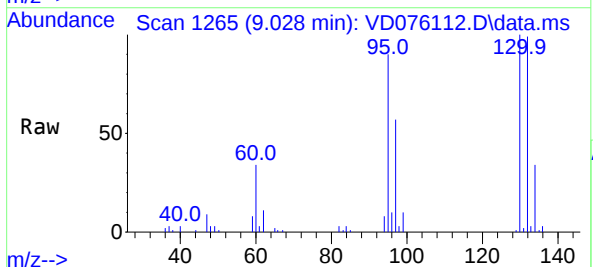
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

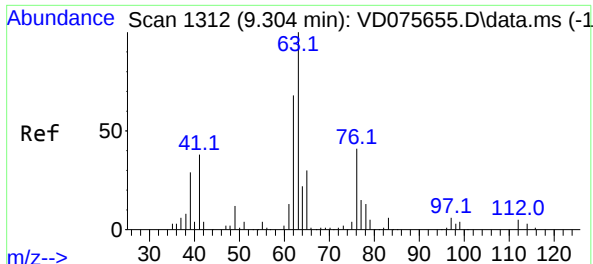
Tgt Ion: 43 Resp: 46074
Ion Ratio Lower Upper
43 100
61 24.1 23.4 35.0
87 20.0 9.5 14.3#



#44
Trichloroethene
Concen: 20.348 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:130 Resp: 68674
Ion Ratio Lower Upper
130 100
95 90.1 0.0 197.6

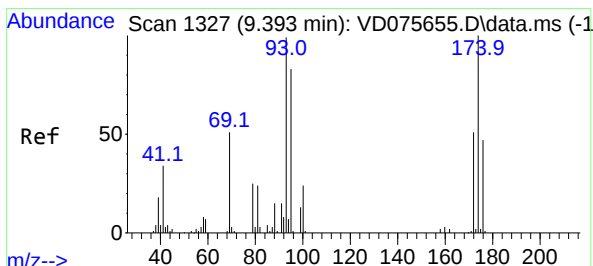
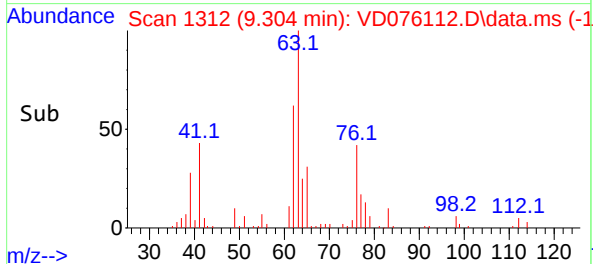
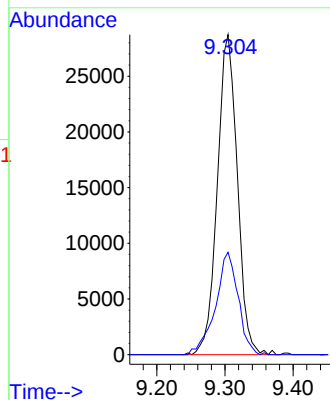
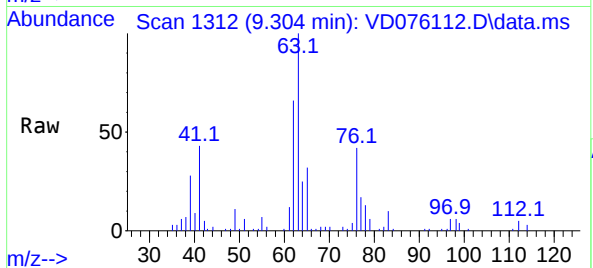




#45
1,2-Dichloropropane
Concen: 19.895 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

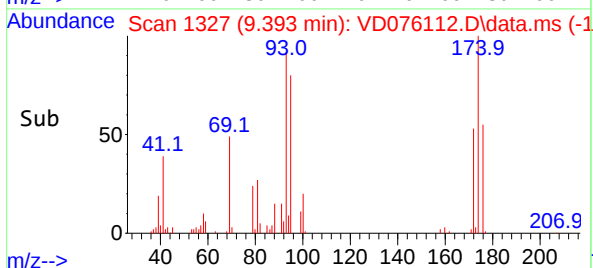
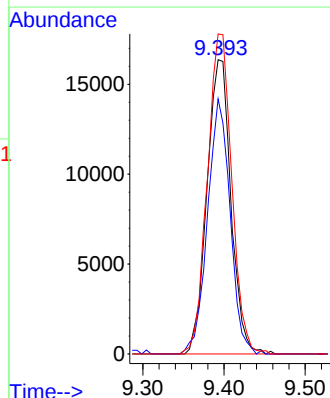
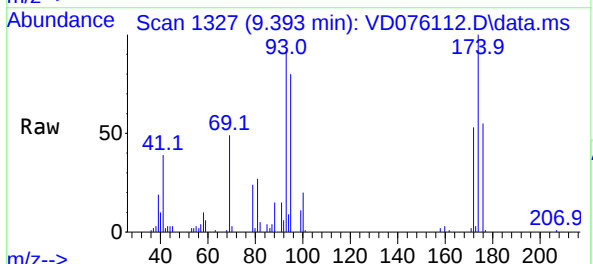
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

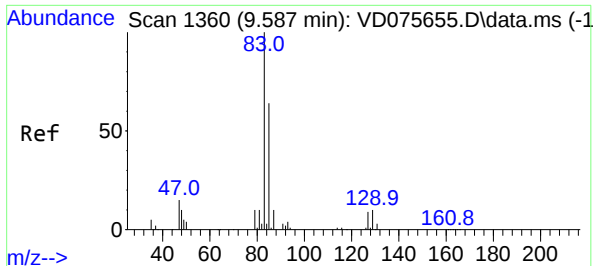
Tgt Ion: 63 Resp: 58768
Ion Ratio Lower Upper
63 100
65 32.0 23.0 34.4



#46
Dibromomethane
Concen: 20.265 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 93 Resp: 33553
Ion Ratio Lower Upper
93 100
95 81.6 64.5 96.7
174 111.1 76.2 114.4

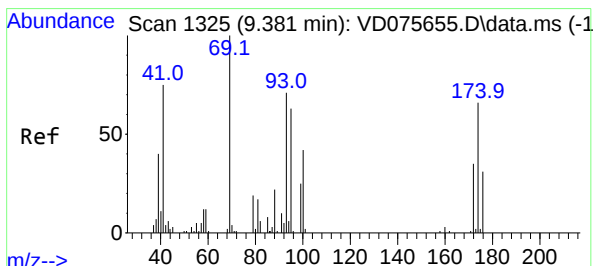
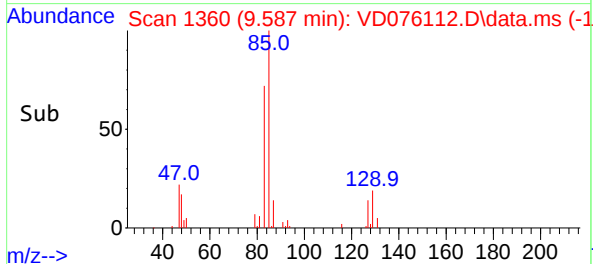
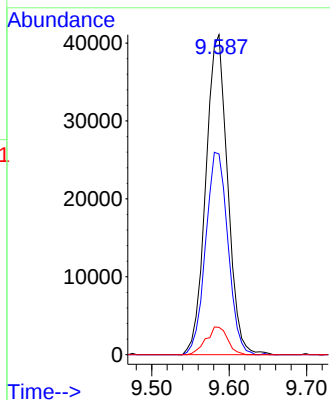
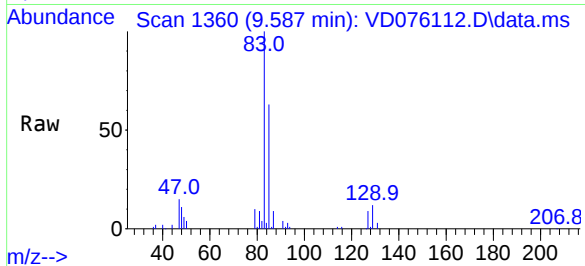




#47
Bromodichloromethane
Concen: 20.184 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

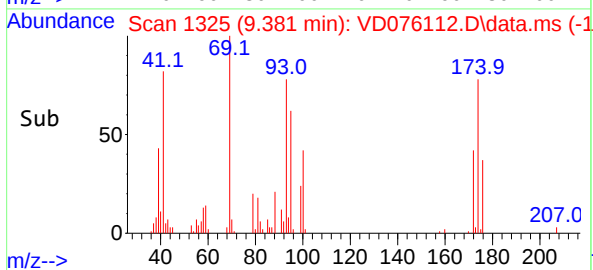
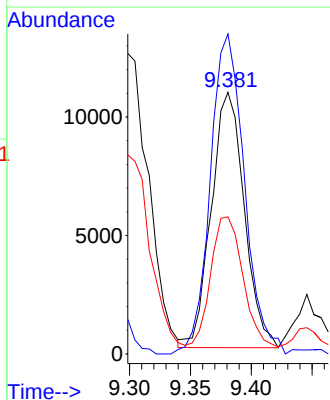
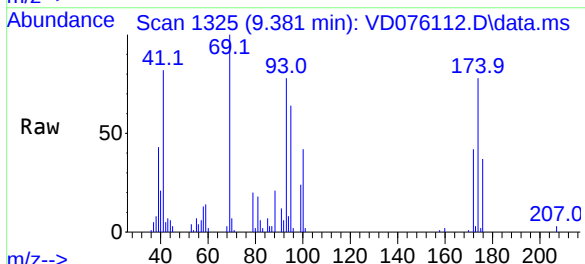
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

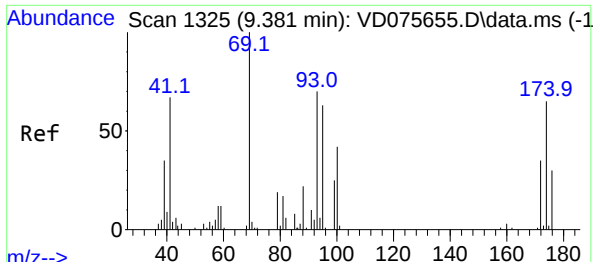
Tgt Ion: 83 Resp: 80318
Ion Ratio Lower Upper
83 100
85 62.7 53.7 80.5
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 19.018 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 41 Resp: 20281
Ion Ratio Lower Upper
41 100
69 130.3 58.6 88.0#
39 56.1 53.4 80.0

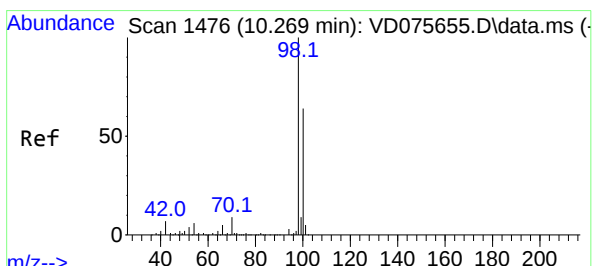
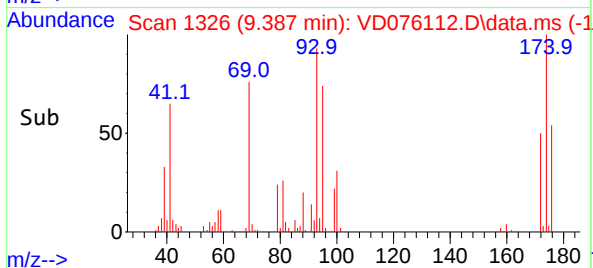
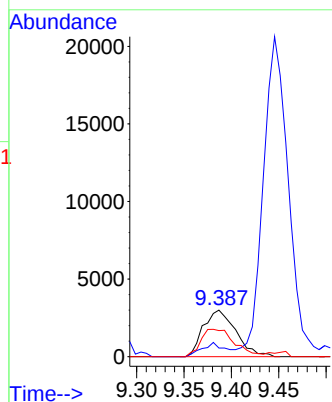
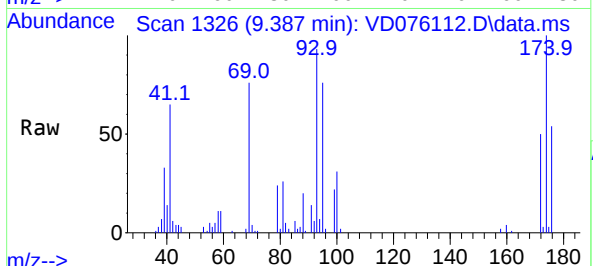




#49
1,4-Dioxane
Concen: 404.104 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

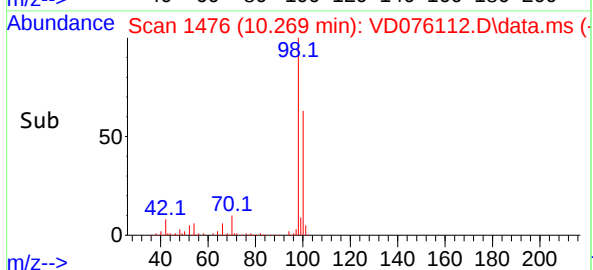
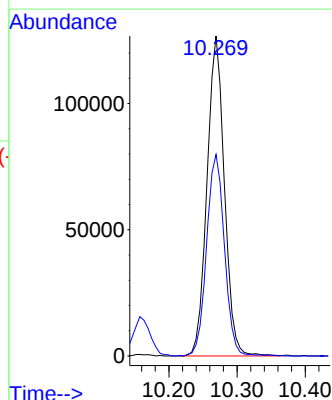
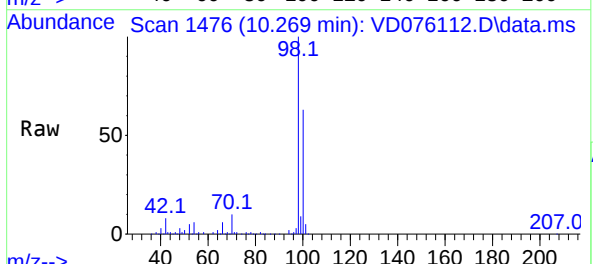
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

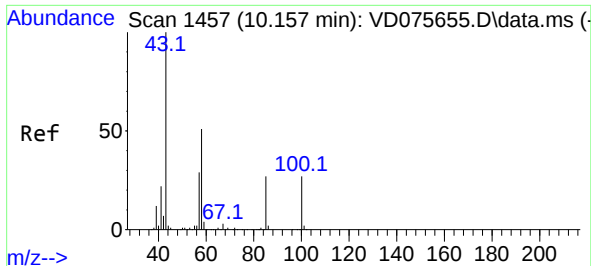
Tgt Ion: 88 Resp: 7155
Ion Ratio Lower Upper
88 100
43 22.7 34.6 51.8#
58 61.5 58.0 87.0



#50
Toluene-d8
Concen: 20.929 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 98 Resp: 225016
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

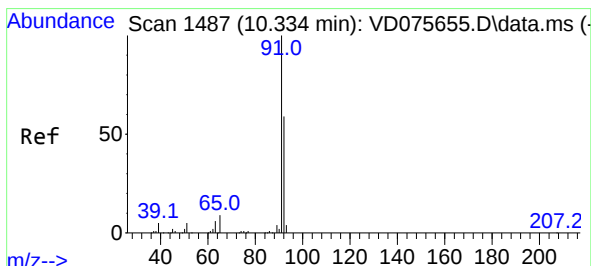
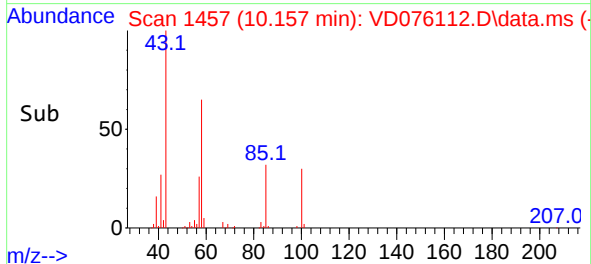
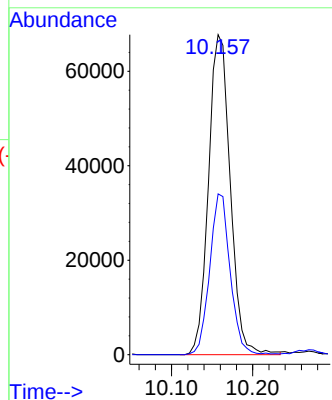
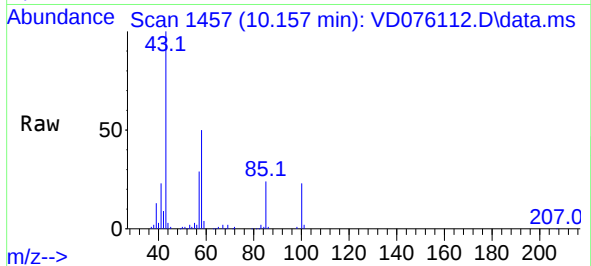




#51
4-Methyl-2-Pentanone
Concen: 98.467 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

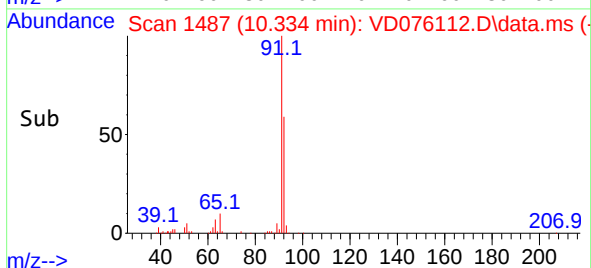
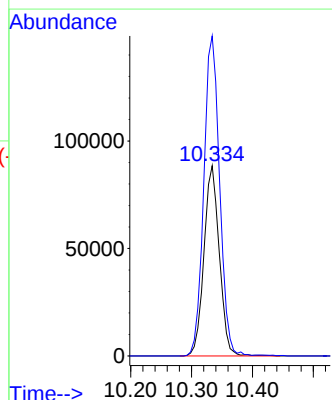
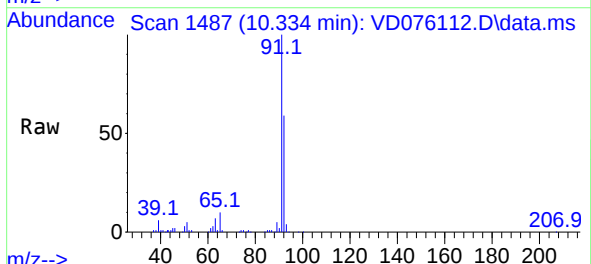
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

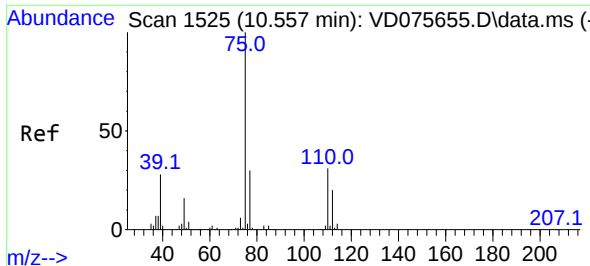
Tgt Ion: 43 Resp: 126184
Ion Ratio Lower Upper
43 100
58 47.0 29.5 44.3#



#52
Toluene
Concen: 20.757 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 92 Resp: 155255
Ion Ratio Lower Upper
92 100
91 173.2 136.5 204.7

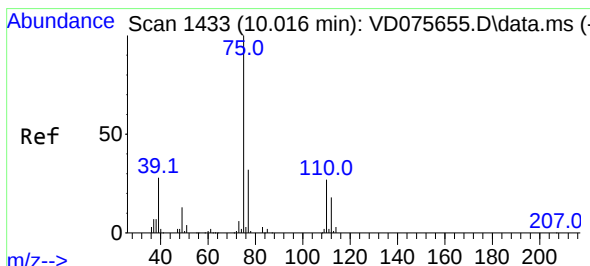
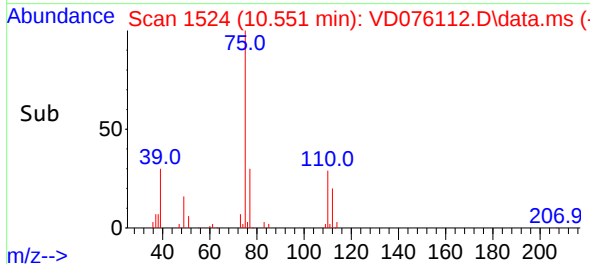
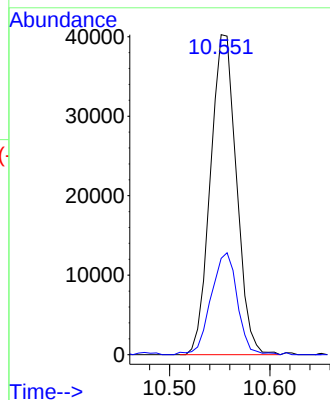
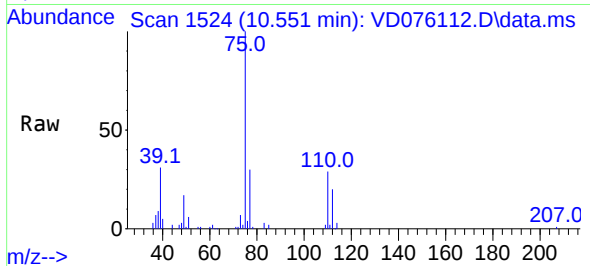




#53
t-1,3-Dichloropropene
Concen: 20.265 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

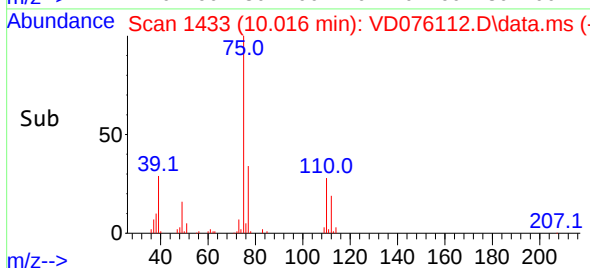
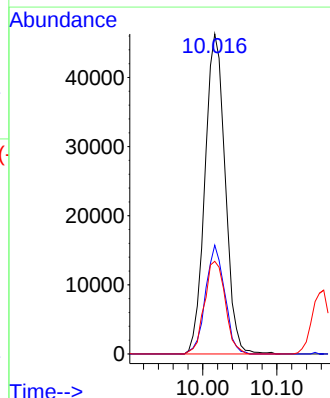
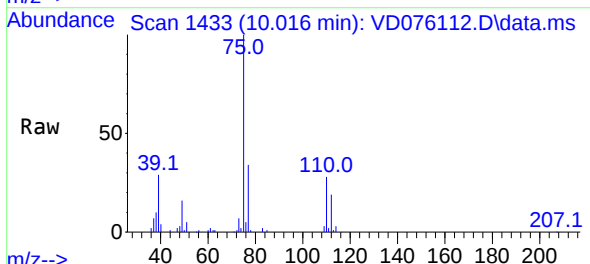
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

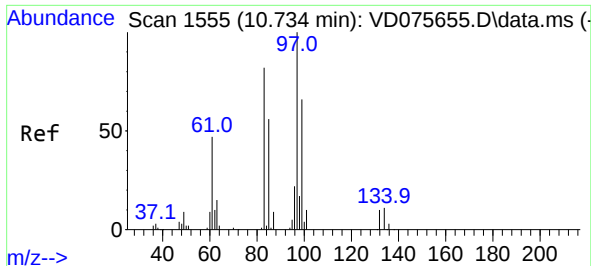
Tgt Ion: 75 Resp: 72679
Ion Ratio Lower Upper
75 100
77 30.1 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 20.057 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 75 Resp: 87786
Ion Ratio Lower Upper
75 100
77 34.0 25.6 38.4
39 28.9 44.8 67.2#

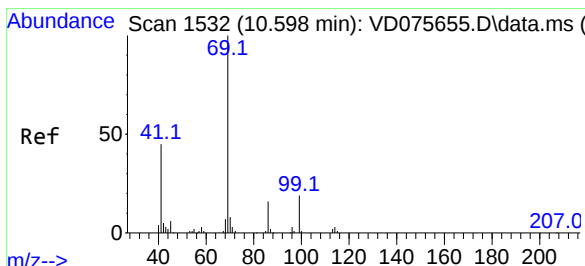
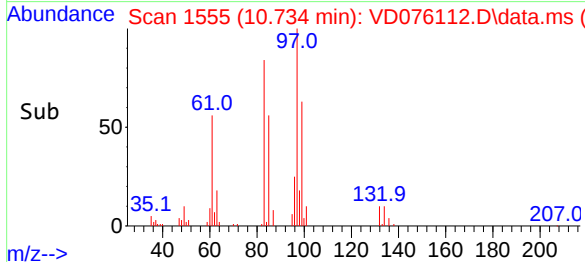
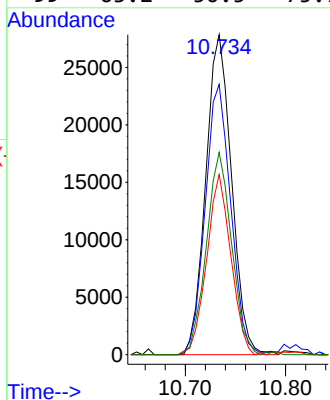
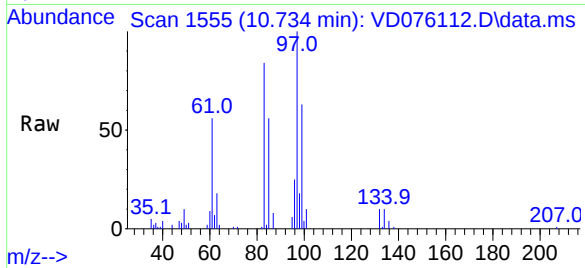




#55
1,1,2-Trichloroethane
Concen: 21.025 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

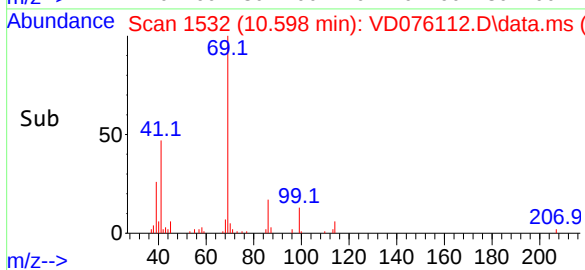
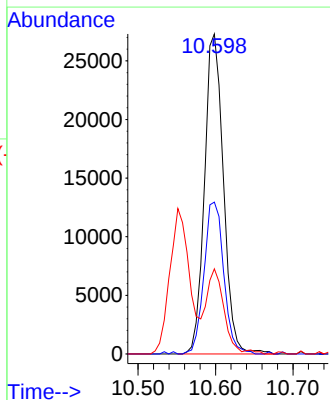
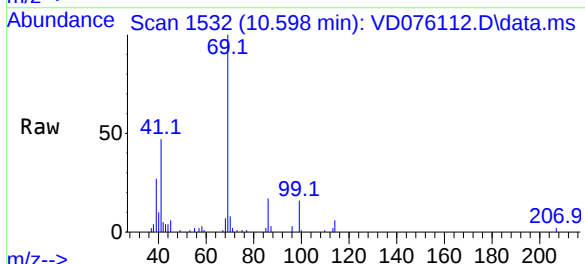
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

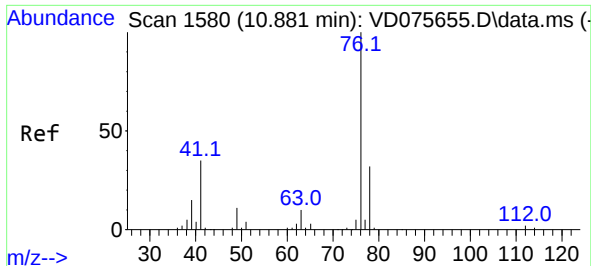
Tgt Ion: 97	Resp: 49921
Ion Ratio	Lower Upper
97 100	
83 84.5	74.2 111.4
85 56.3	45.4 68.0
99 63.2	50.5 75.7



#56
Ethyl methacrylate
Concen: 19.415 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 69	Resp: 46336
Ion Ratio	Lower Upper
69 100	
41 49.5	59.3 88.9#
39 24.7	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 20.093 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

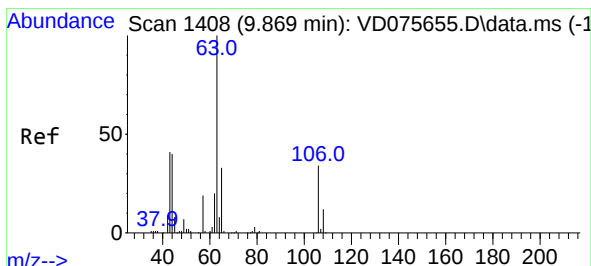
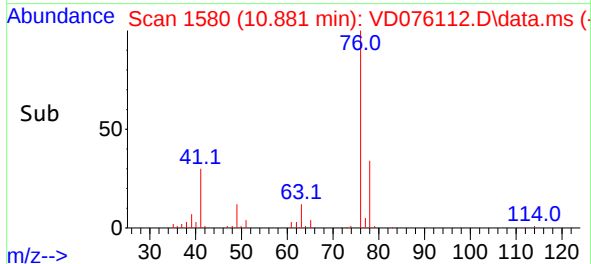
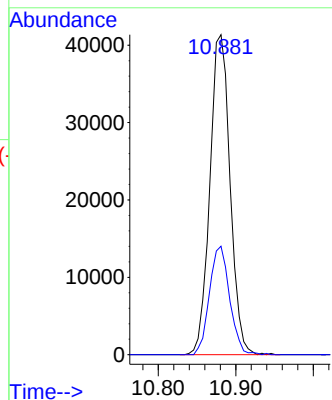
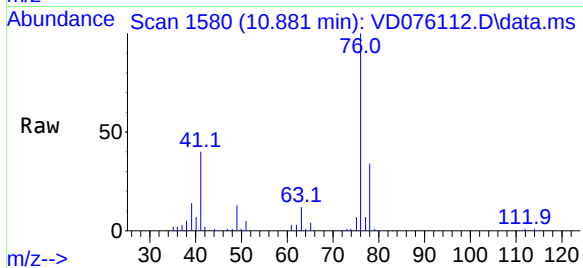
VSTDICC020

Tgt Ion: 76 Resp: 74847

Ion Ratio Lower Upper

76 100

78 33.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.702 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076112.D

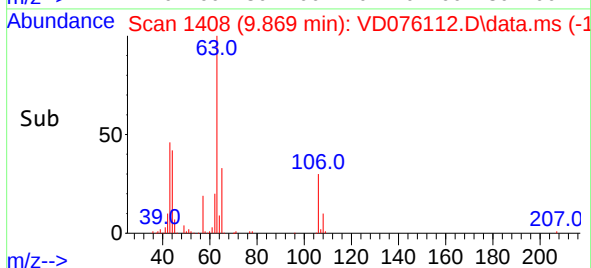
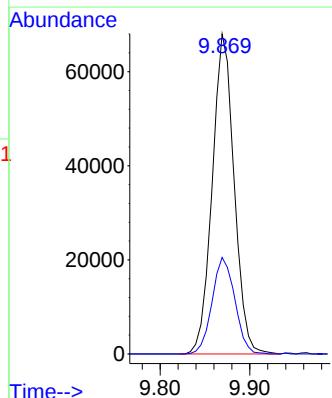
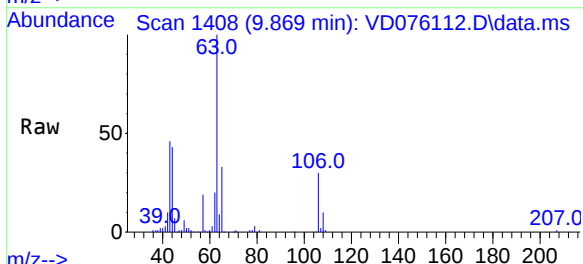
Acq: 15 May 2023 12:51

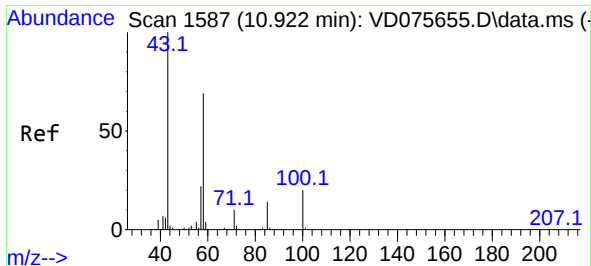
Tgt Ion: 63 Resp: 115314

Ion Ratio Lower Upper

63 100

106 31.3 21.4 32.2

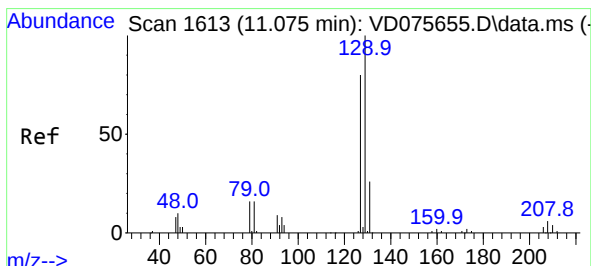
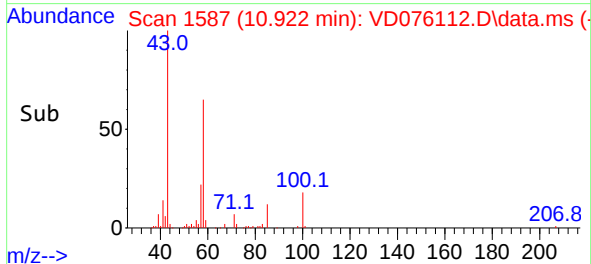
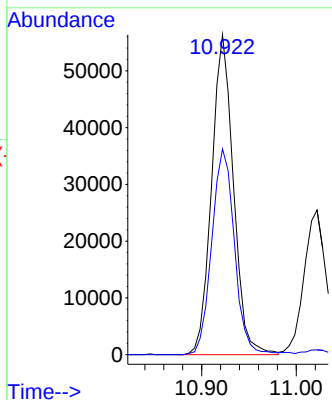
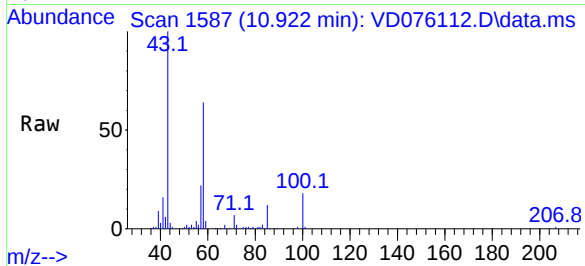




#59
2-Hexanone
Concen: 99.813 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

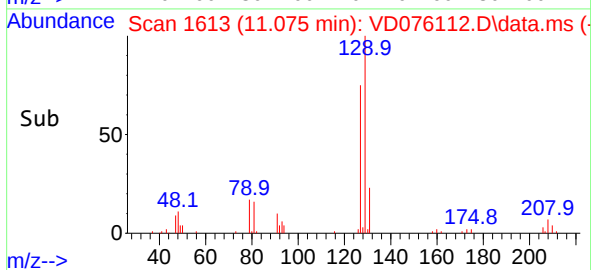
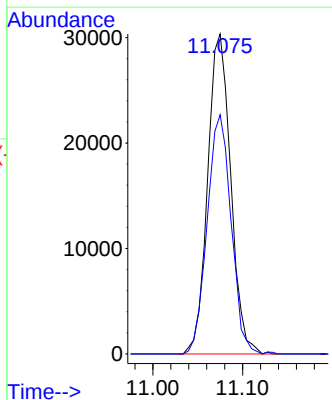
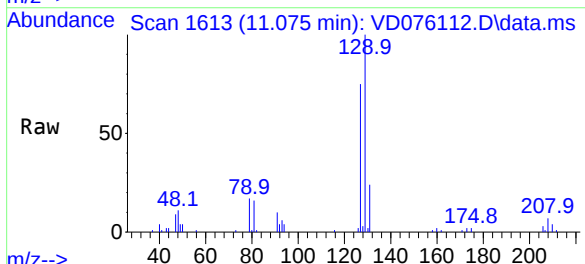
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

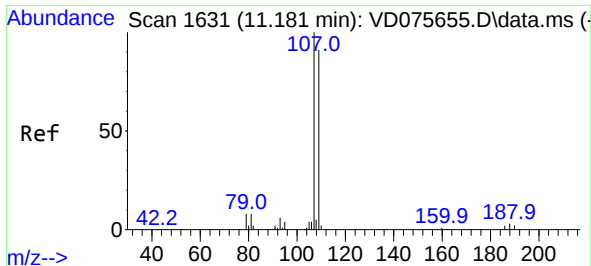
Tgt Ion: 43 Resp: 90205
Ion Ratio Lower Upper
43 100
58 66.7 25.3 75.8



#60
Dibromochloromethane
Concen: 20.280 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 129 Resp: 54142
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5

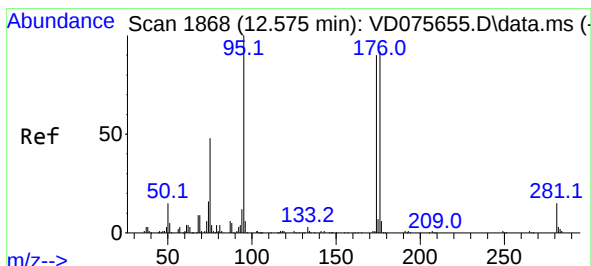
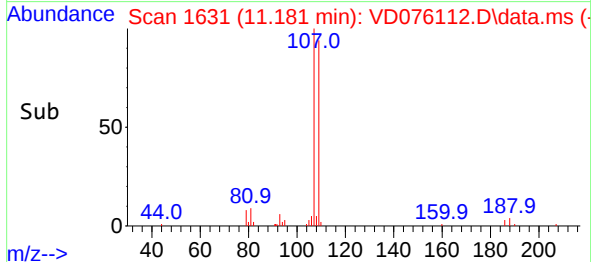
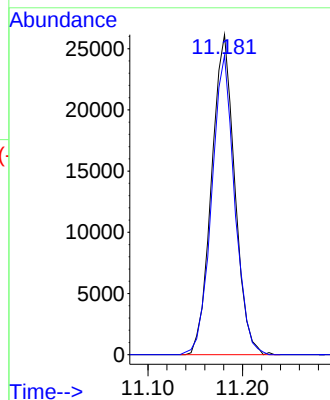
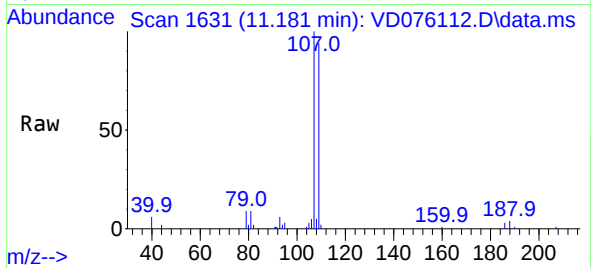




#61
1,2-Dibromoethane
Concen: 21.000 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

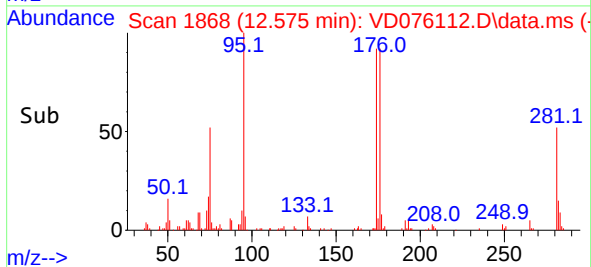
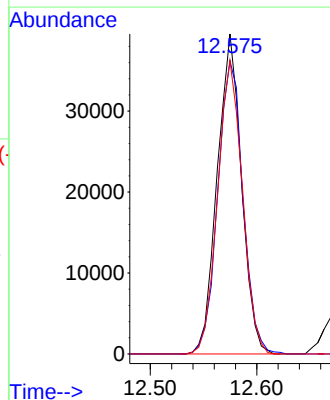
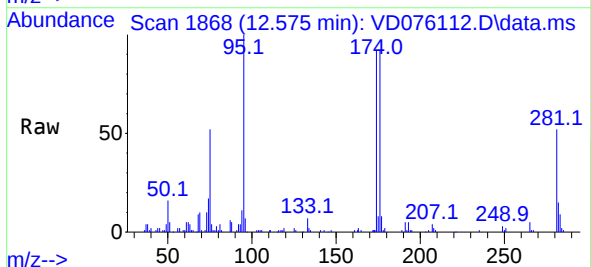
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

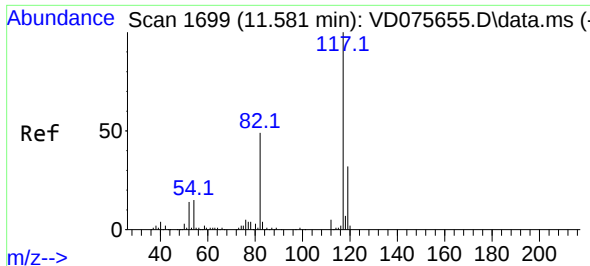
Tgt Ion:107 Resp: 44356
Ion Ratio Lower Upper
107 100
109 92.9 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 20.844 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 95 Resp: 62254
Ion Ratio Lower Upper
95 100
174 95.5 0.0 164.0
176 93.6 0.0 156.8

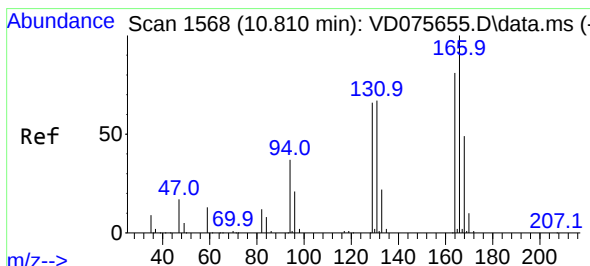
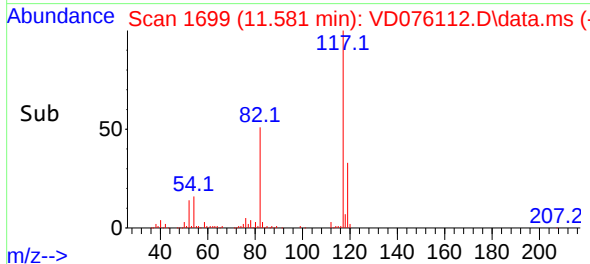
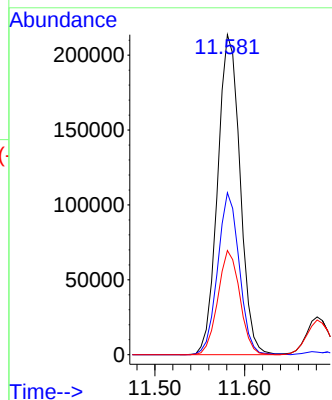
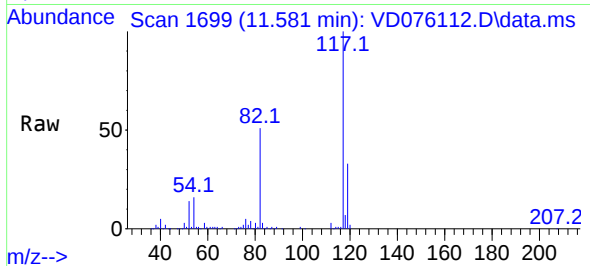




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

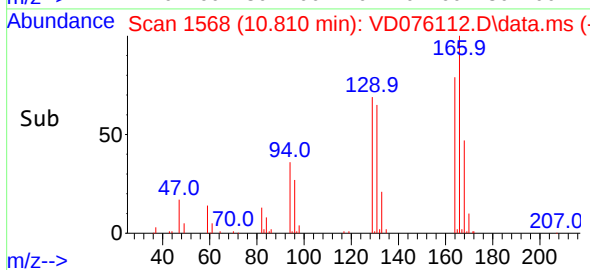
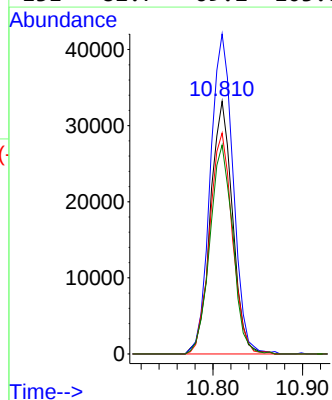
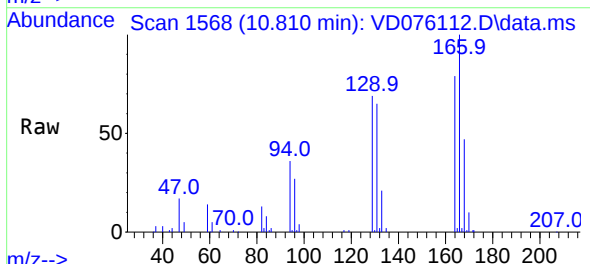
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

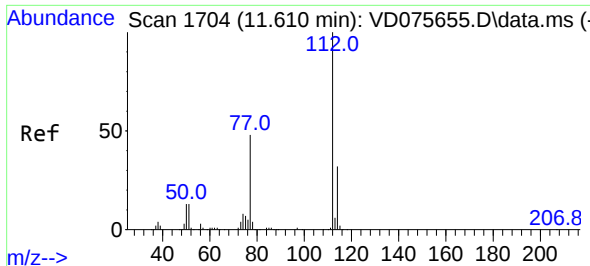
Tgt Ion:117 Resp: 370716
Ion Ratio Lower Upper
117 100
82 50.6 44.0 66.0
119 32.6 25.1 37.7



#64
Tetrachloroethene
Concen: 19.911 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:164 Resp: 56759
Ion Ratio Lower Upper
164 100
166 126.7 94.9 142.3
129 87.5 73.0 109.6
131 82.7 69.2 103.8

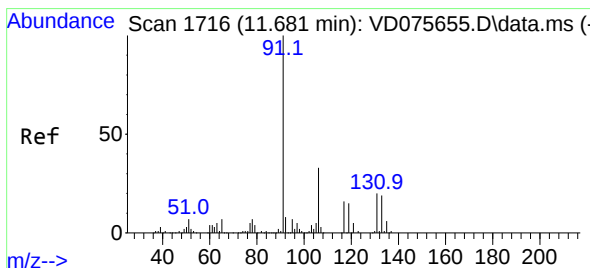
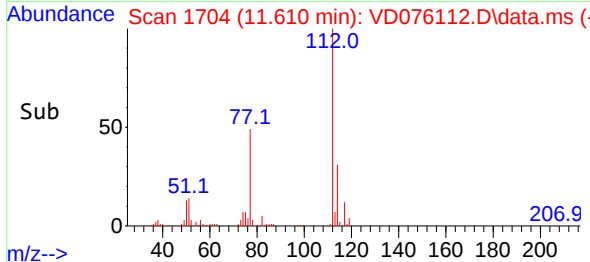
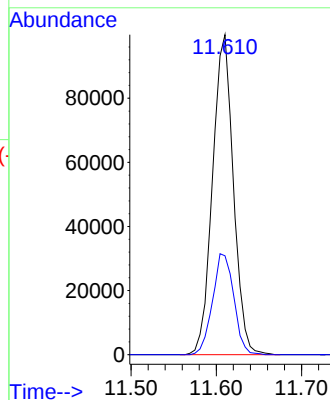
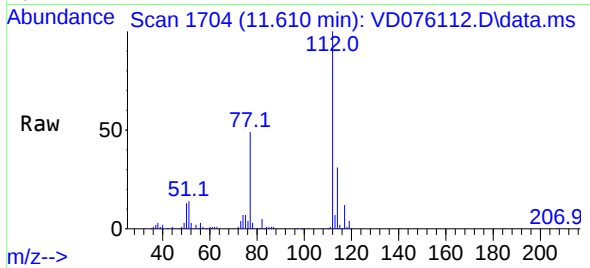




#65
Chlorobenzene
Concen: 20.087 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

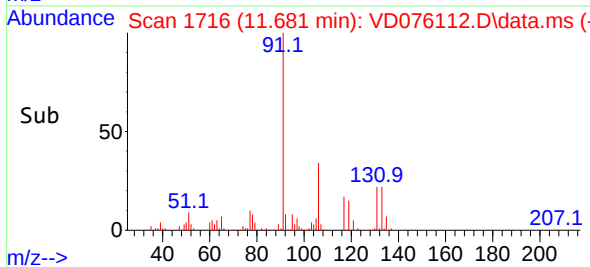
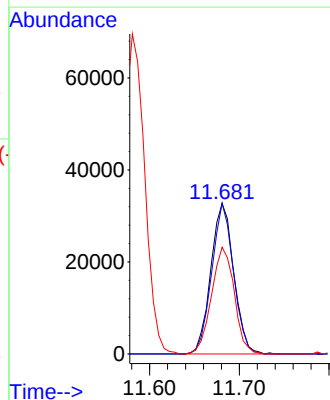
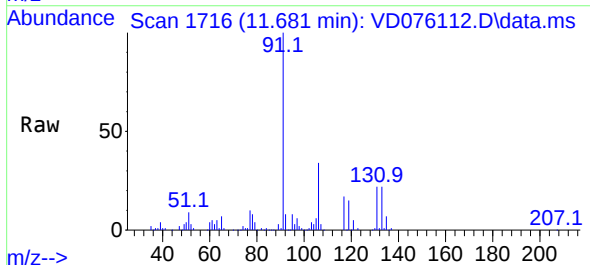
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

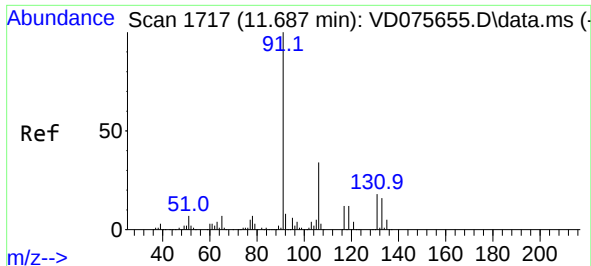
Tgt Ion:112 Resp: 169527
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.004 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:131 Resp: 58098
Ion Ratio Lower Upper
131 100
133 94.8 46.7 140.0
119 70.3 31.9 95.9

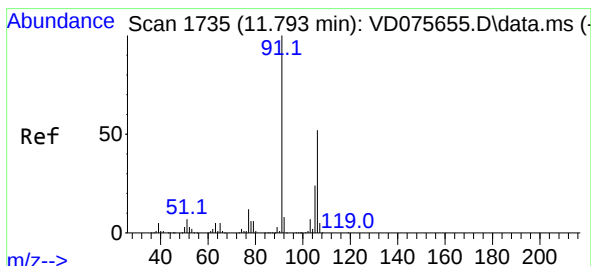
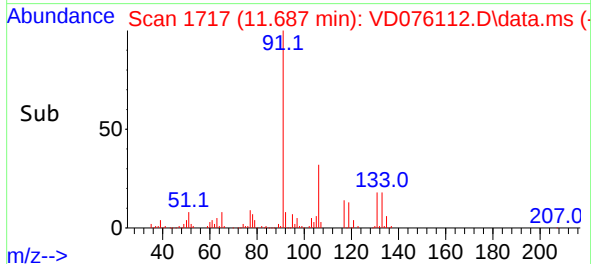
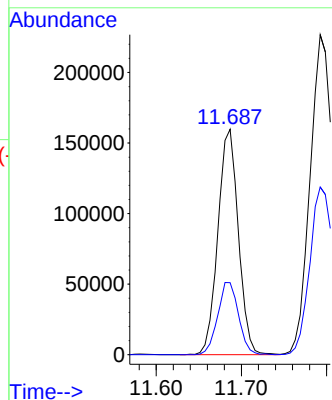
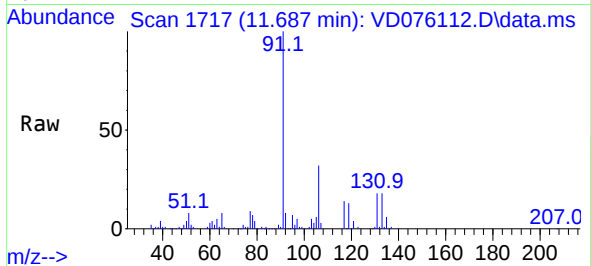




#67
Ethyl Benzene
Concen: 19.736 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

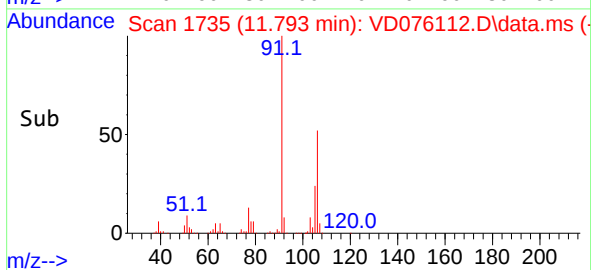
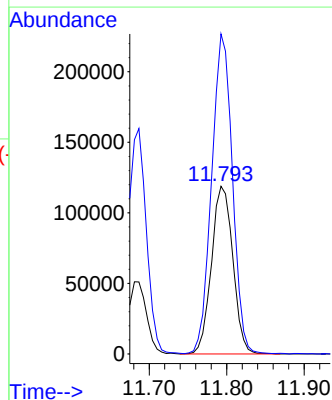
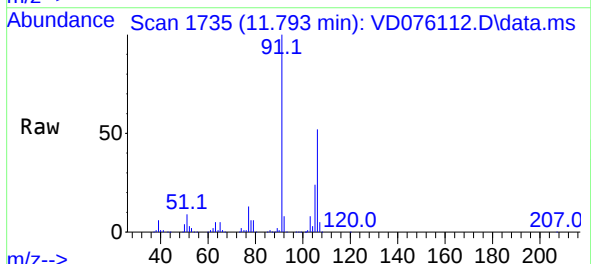
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

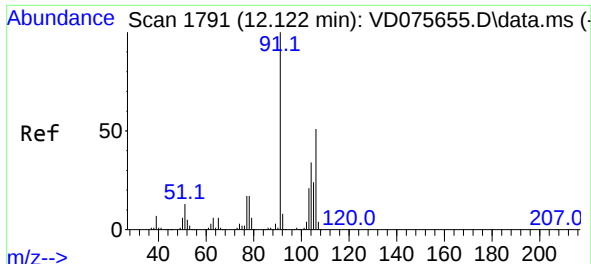
Tgt Ion: 91 Resp: 266153
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 41.337 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 106 Resp: 227836
Ion Ratio Lower Upper
106 100
91 185.7 161.5 242.3

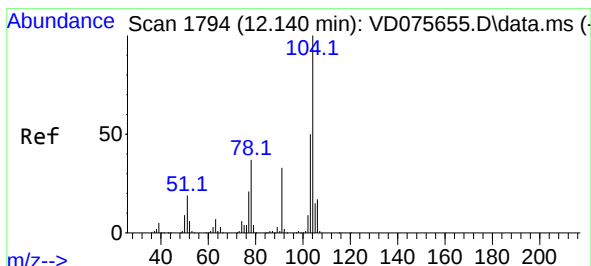
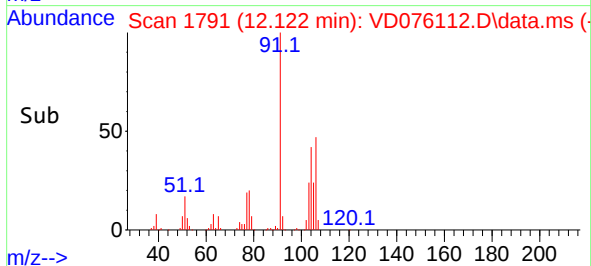
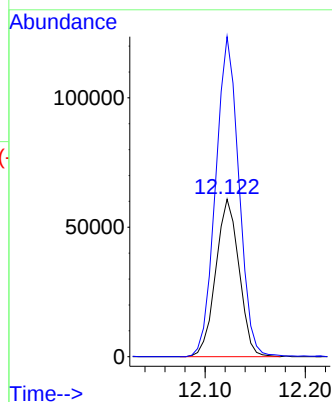
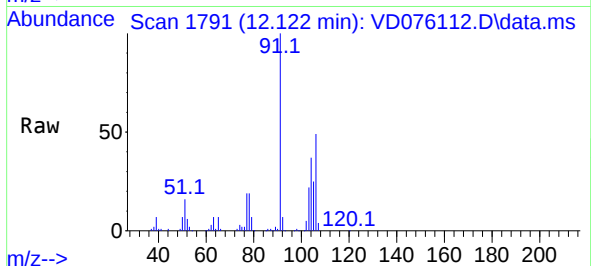




#69
o-Xylene
Concen: 19.477 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

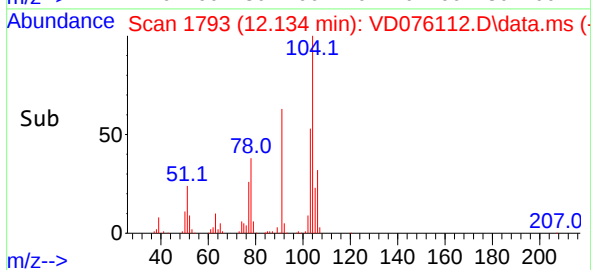
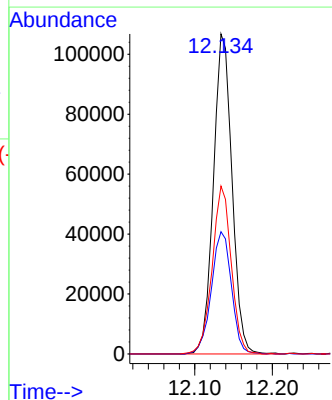
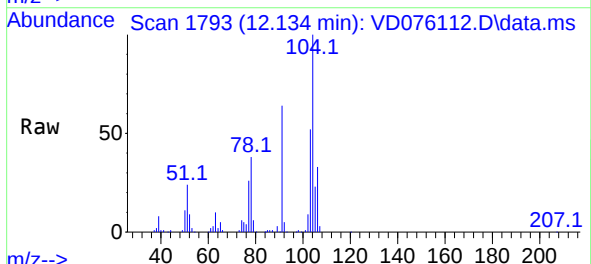
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

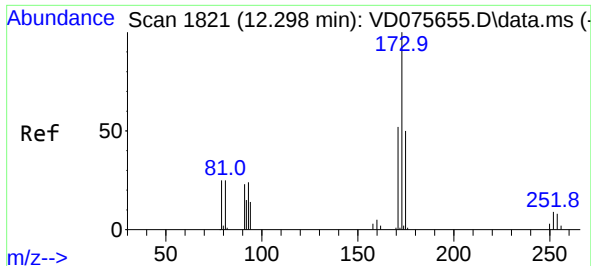
Tgt Ion:106 Resp: 97956
Ion Ratio Lower Upper
106 100
91 203.9 105.7 317.1



#70
Styrene
Concen: 20.408 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:104 Resp: 177945
Ion Ratio Lower Upper
104 100
78 41.2 40.2 60.4
103 53.8 44.2 66.2

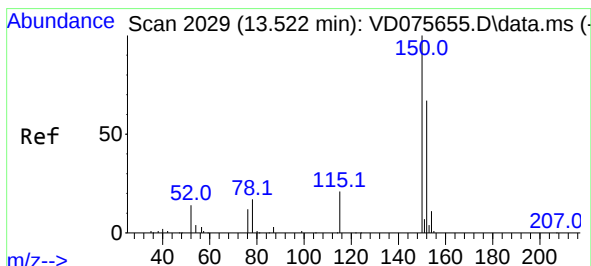
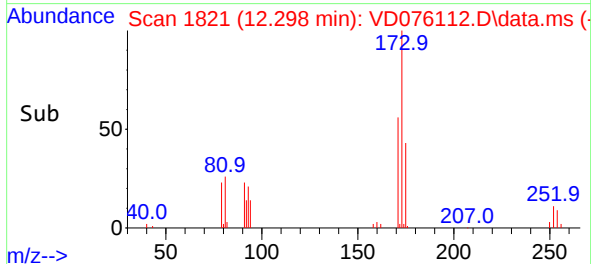
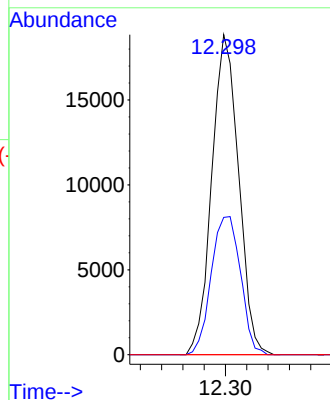
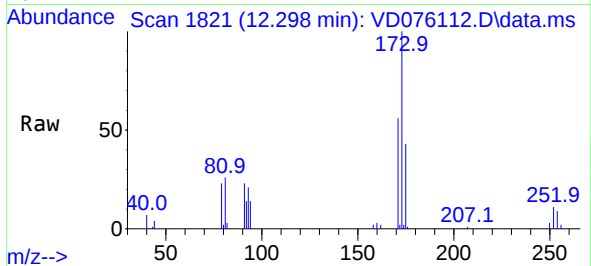




#71
Bromoform
Concen: 20.151 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

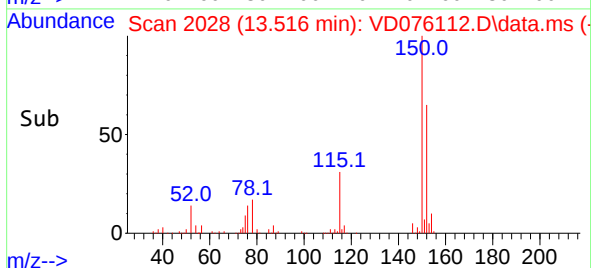
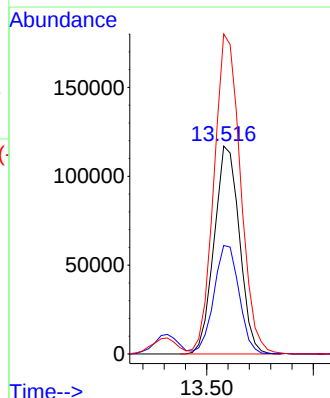
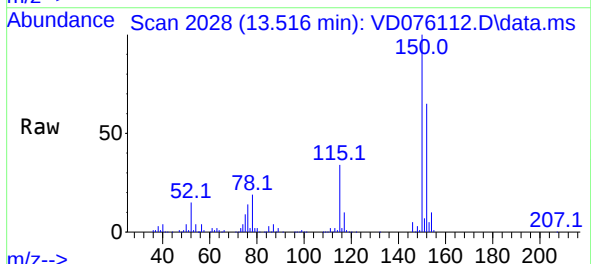
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

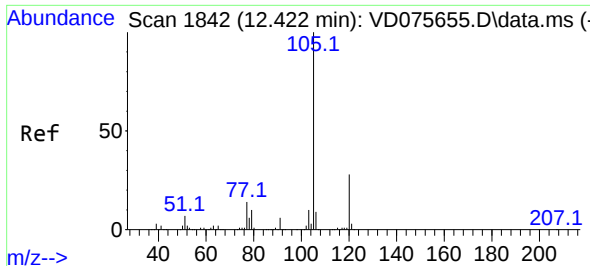
Tgt Ion:173 Resp: 32921
Ion Ratio Lower Upper
173 100
175 47.1 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:152 Resp: 192565
Ion Ratio Lower Upper
152 100
115 52.2 30.1 90.3
150 161.5 0.0 364.8

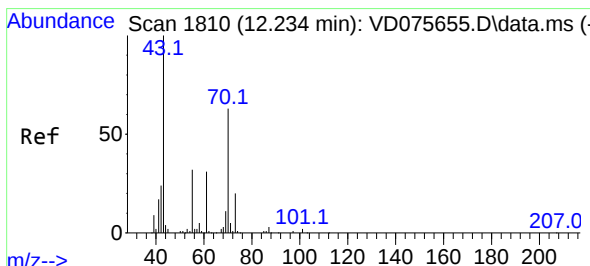
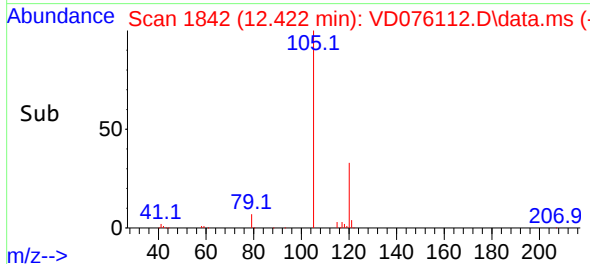
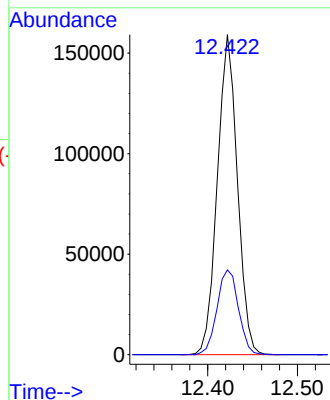
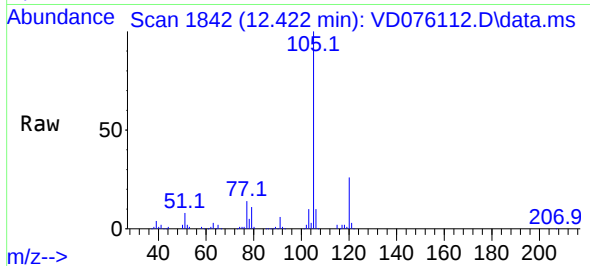




#73
Isopropylbenzene
Concen: 19.353 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

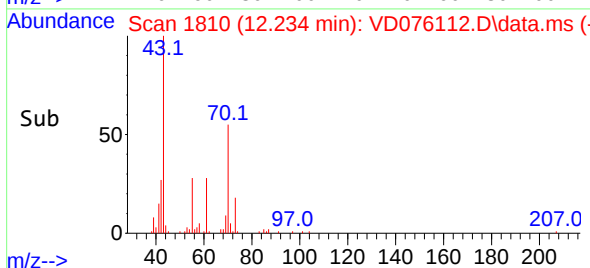
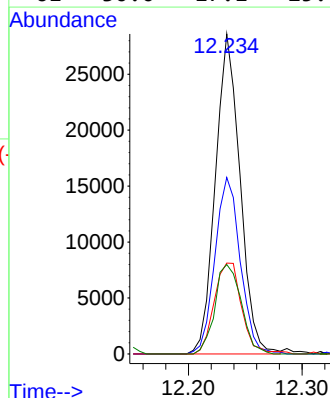
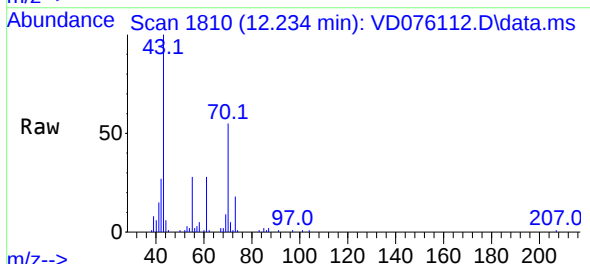
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

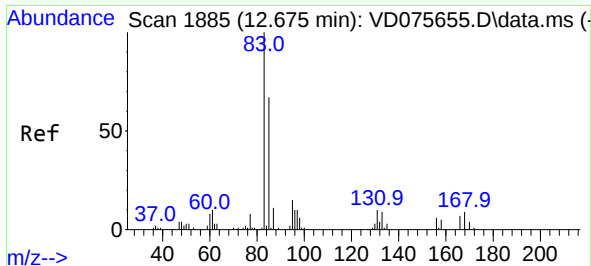
Tgt Ion:105 Resp: 246529
Ion Ratio Lower Upper
105 100
120 28.3 13.4 40.1



#74
N-ethyl acetate
Concen: 19.005 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 43 Resp: 43122
Ion Ratio Lower Upper
43 100
70 56.8 31.0 46.4#
55 31.7 18.6 28.0#
61 30.0 17.1 25.7#

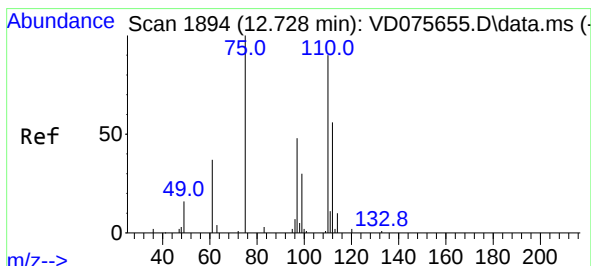
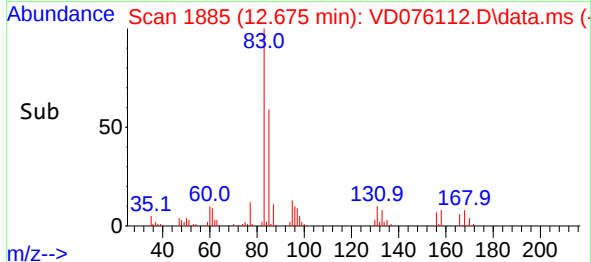
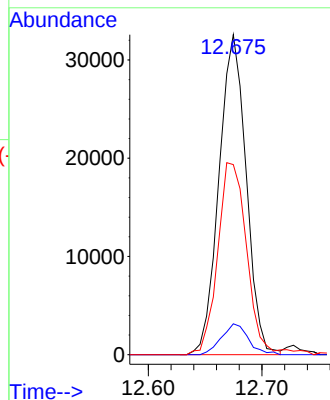
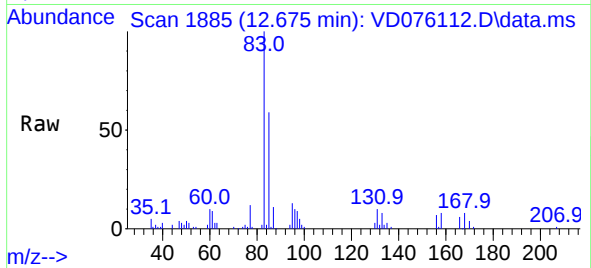




#75
1,1,2,2-Tetrachloroethane
Concen: 19.795 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

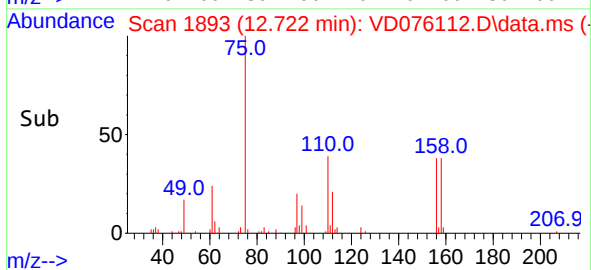
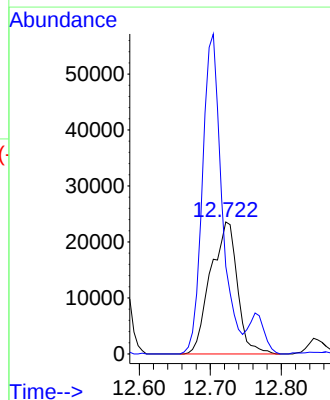
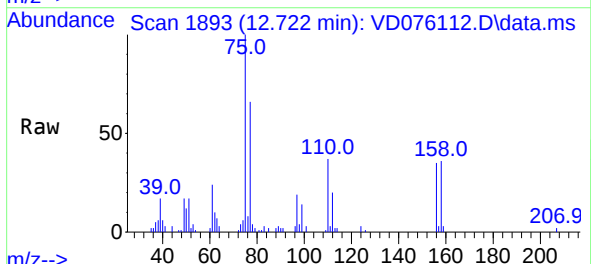
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

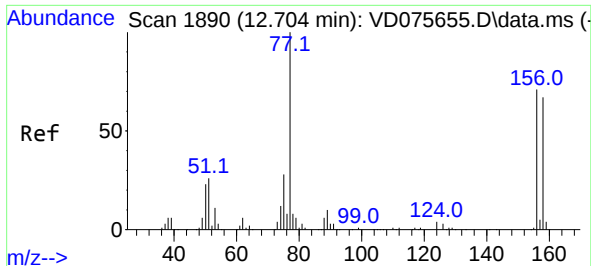
Tgt Ion: 83 Resp: 54196
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 64.7 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 36.497 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 75 Resp: 61501
Ion Ratio Lower Upper
75 100
77 177.1 0.0 0.0#

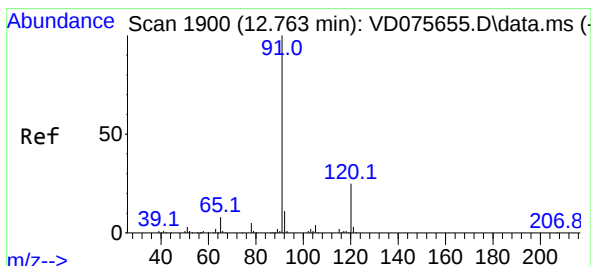
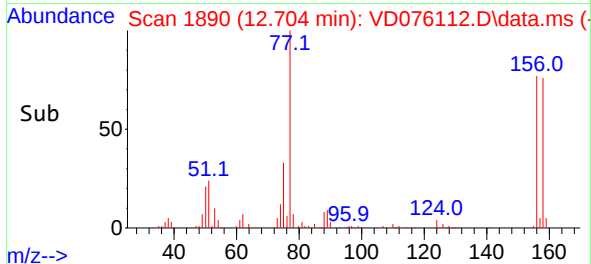
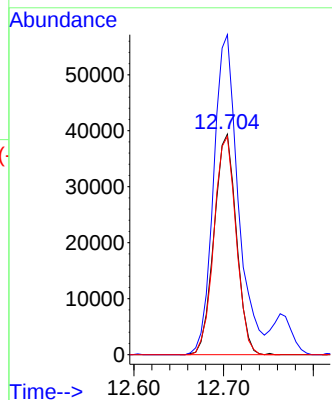
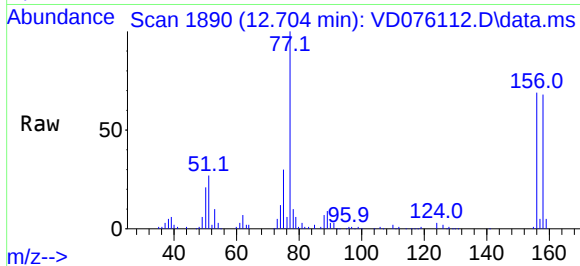




#77
Bromobenzene
Concen: 19.921 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

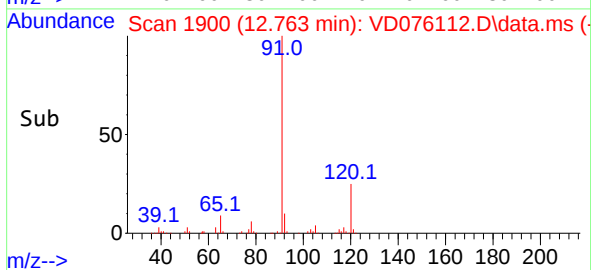
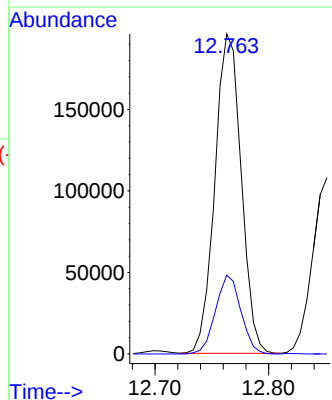
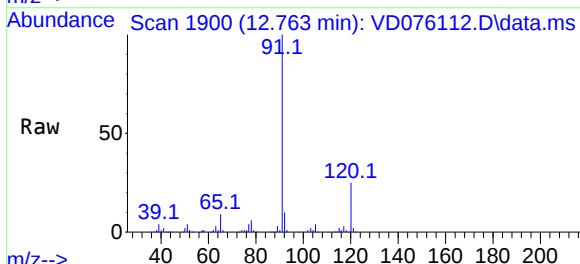
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

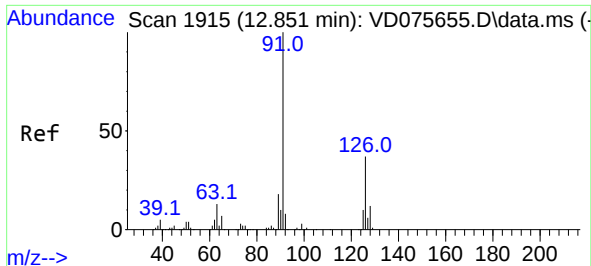
Tgt Ion:156 Resp: 68016
Ion Ratio Lower Upper
156 100
77 160.1 89.5 268.6
158 98.2 47.8 143.4



#78
n-propylbenzene
Concen: 19.866 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 91 Resp: 314992
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2

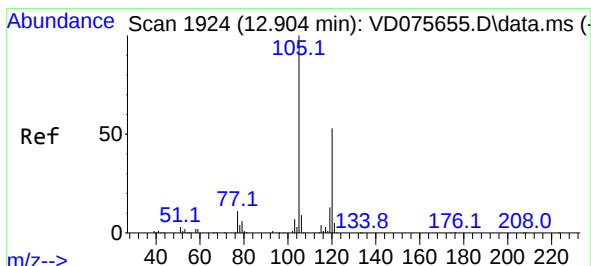
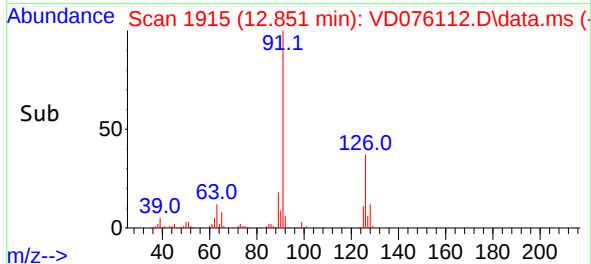
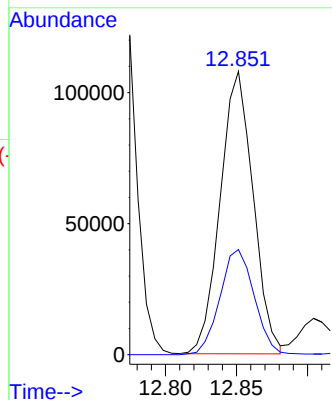
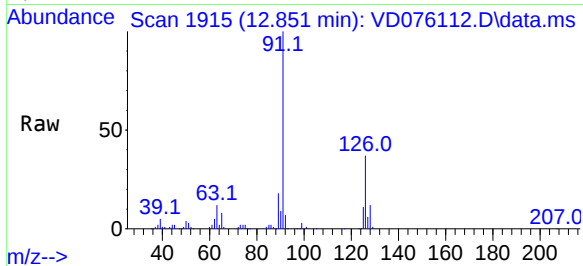




#79
2-Chlorotoluene
Concen: 19.804 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

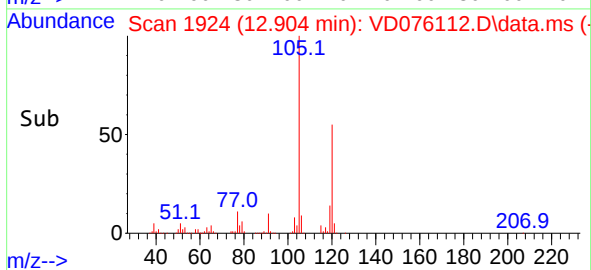
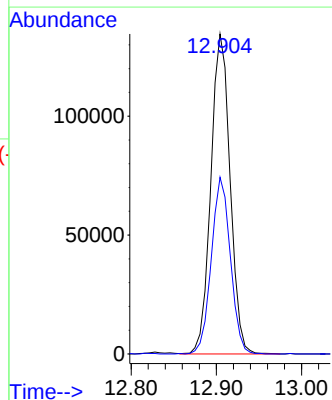
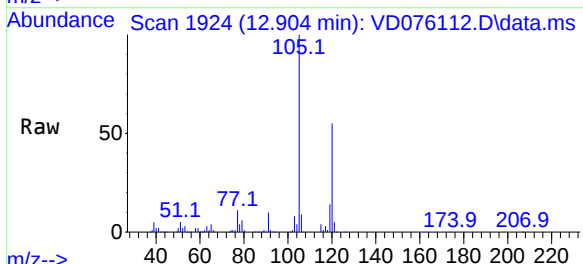
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

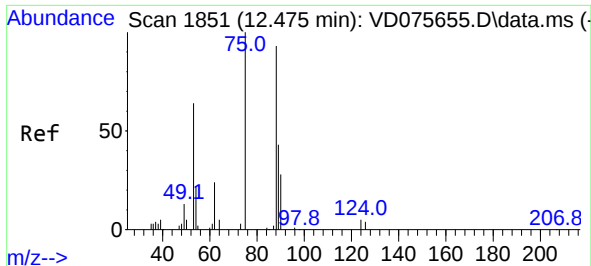
Tgt Ion: 91 Resp: 173791
Ion Ratio Lower Upper
91 100
126 38.9 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 19.978 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 105 Resp: 210966
Ion Ratio Lower Upper
105 100
120 54.7 24.3 72.8

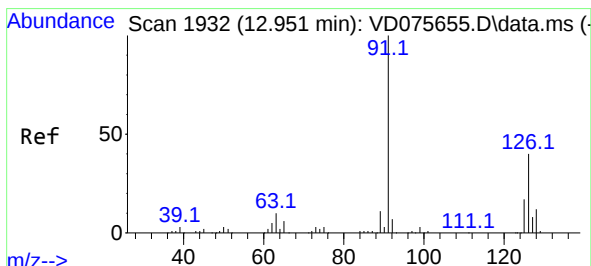
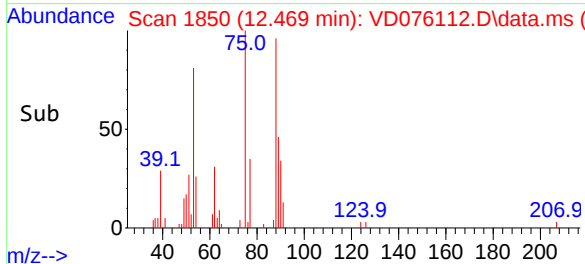
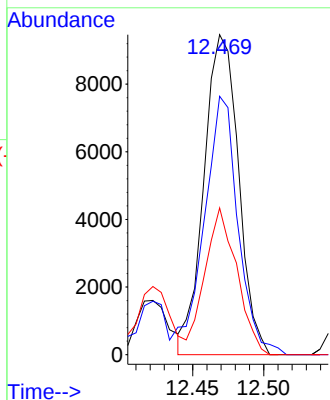
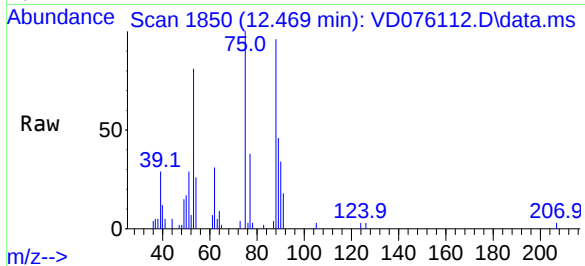




#81
trans-1,4-Dichloro-2-butene
Concen: 19.961 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

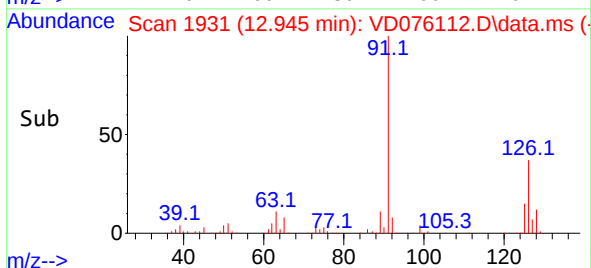
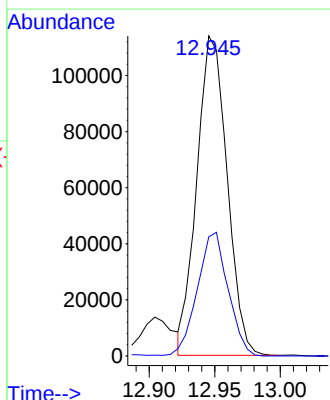
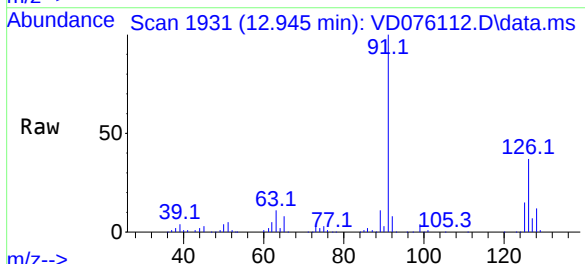
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

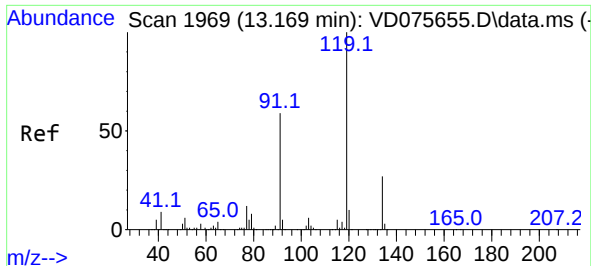
Tgt Ion: 75 Resp: 16034
Ion Ratio Lower Upper
75 100
53 79.3 90.5 135.7#
89 42.2 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.606 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 91 Resp: 183009
Ion Ratio Lower Upper
91 100
126 39.3 17.1 51.2

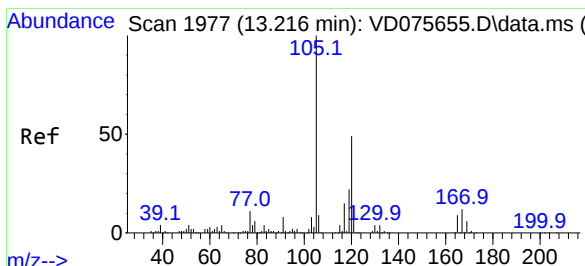
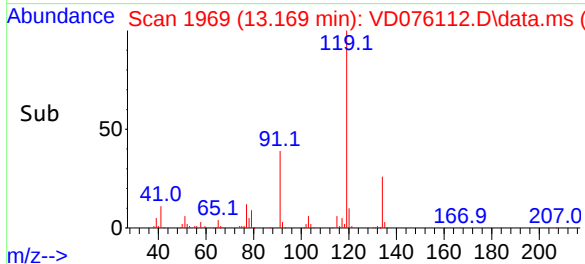
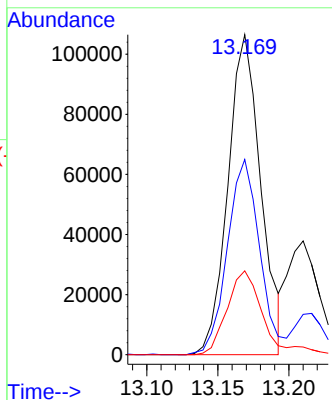
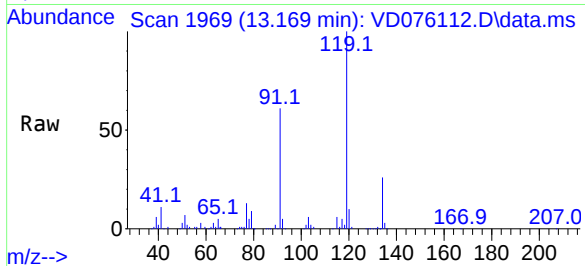




#83
tert-Butylbenzene
Concen: 19.200 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

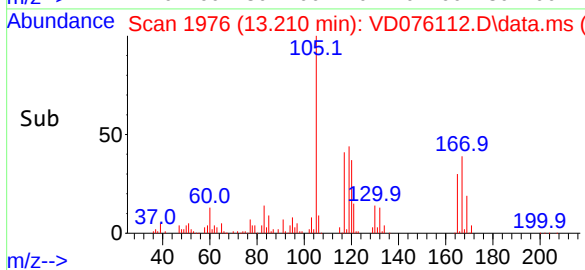
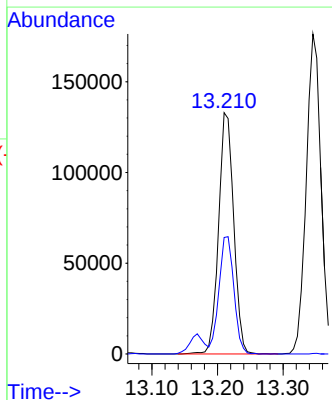
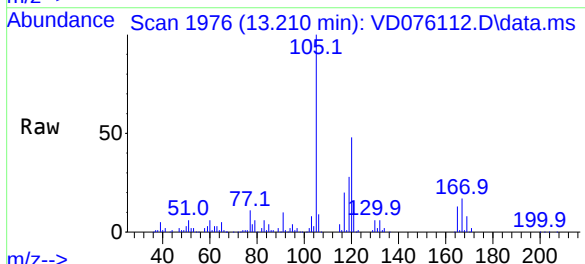
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

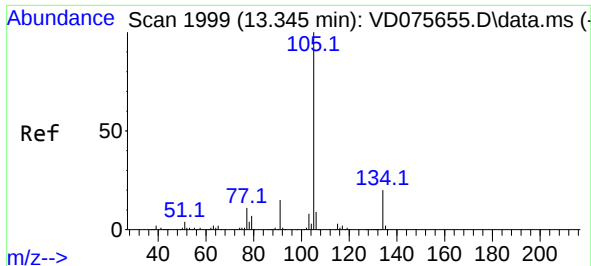
Tgt Ion:119 Resp: 171348
Ion Ratio Lower Upper
119 100
91 60.5 32.4 97.0
134 28.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.110 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:105 Resp: 211491
Ion Ratio Lower Upper
105 100
120 48.1 22.3 66.9

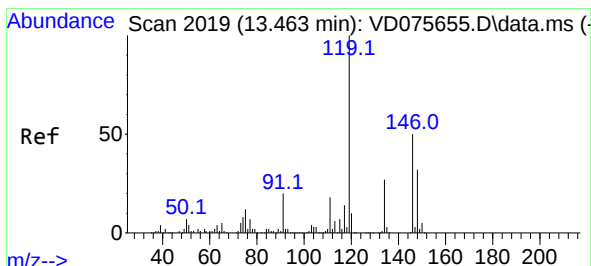
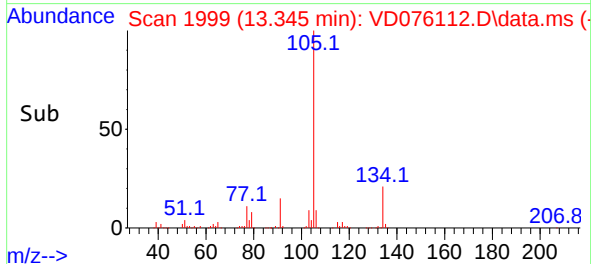
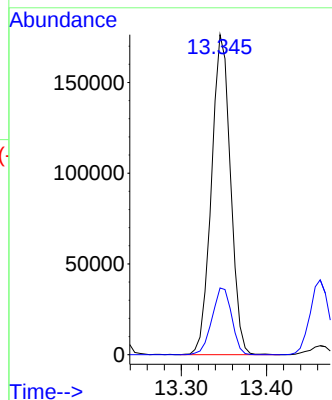
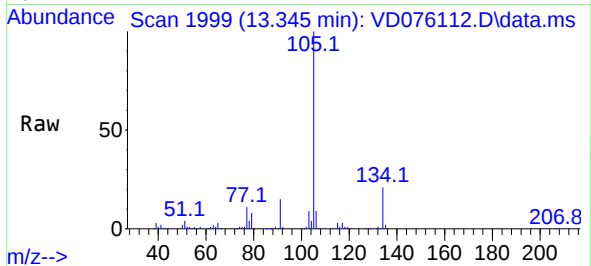




#85
 sec-Butylbenzene
 Concen: 19.682 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076112.D
 Acq: 15 May 2023 12:51

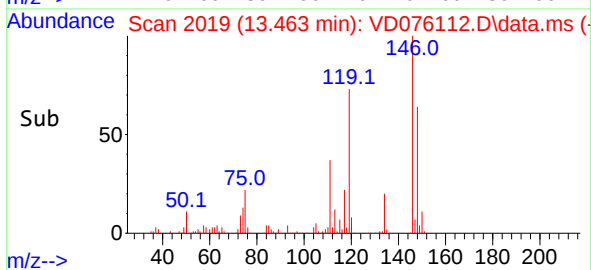
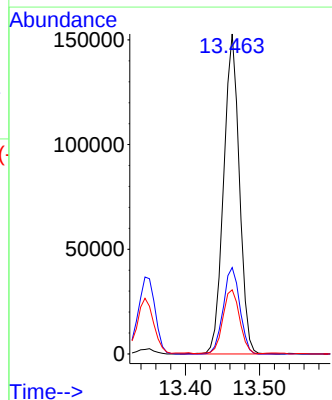
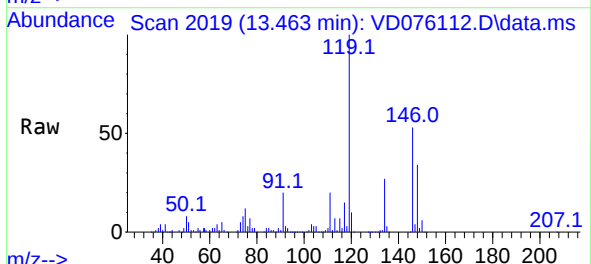
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

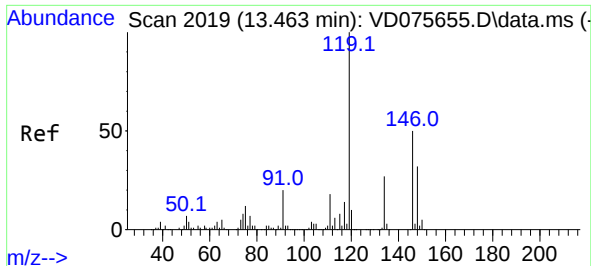
Tgt Ion:105 Resp: 273751
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.761 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076112.D
 Acq: 15 May 2023 12:51

Tgt Ion:119 Resp: 224887
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.1 39.3
 91 21.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.886 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

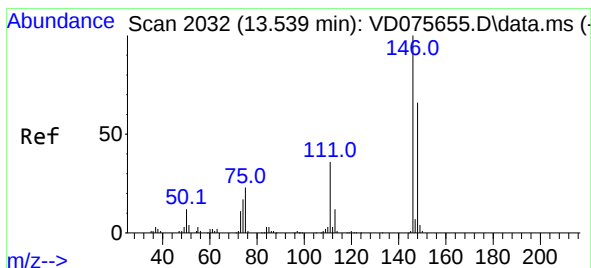
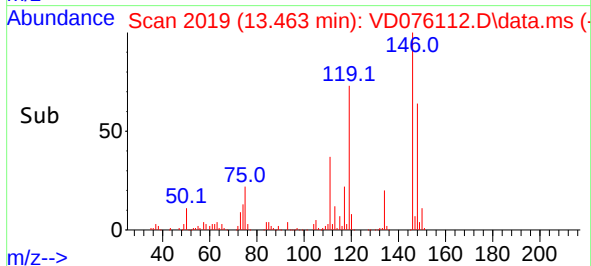
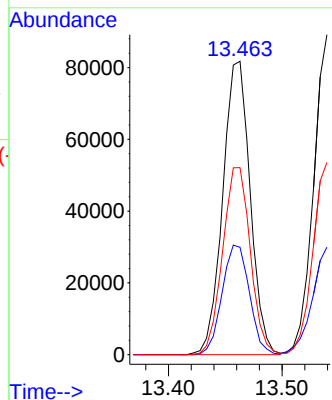
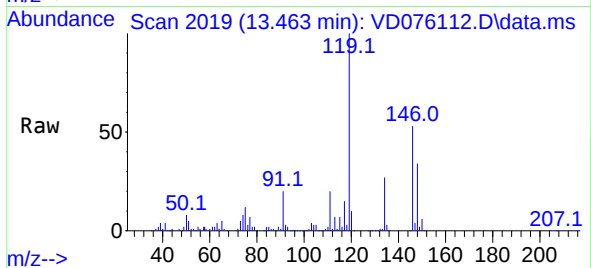
Tgt Ion:146 Resp: 137277

Ion Ratio Lower Upper

146 100

111 37.2 19.8 59.3

148 64.4 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 20.110 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

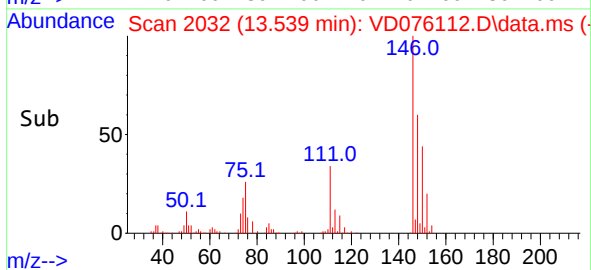
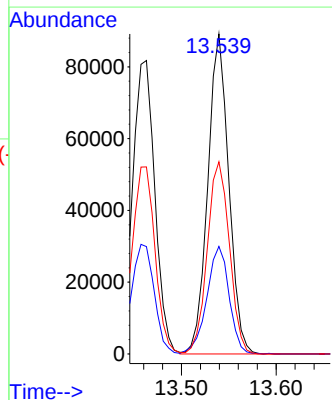
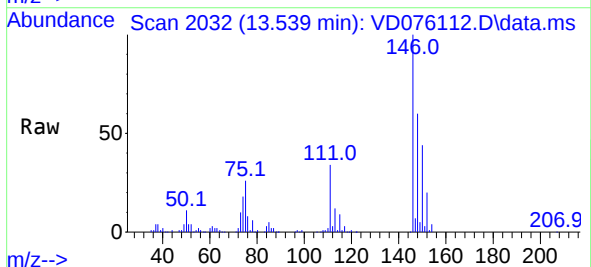
Tgt Ion:146 Resp: 137460

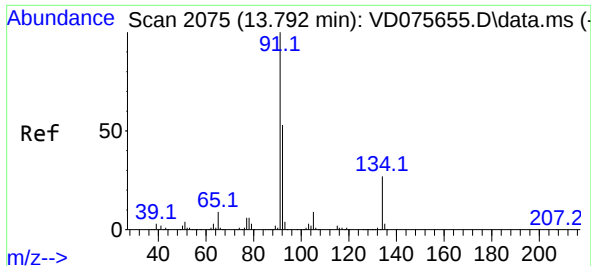
Ion Ratio Lower Upper

146 100

111 35.8 19.6 58.8

148 63.5 31.7 95.1

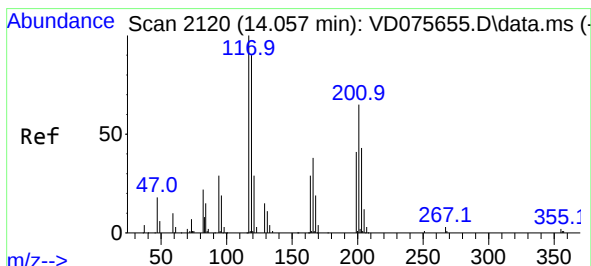
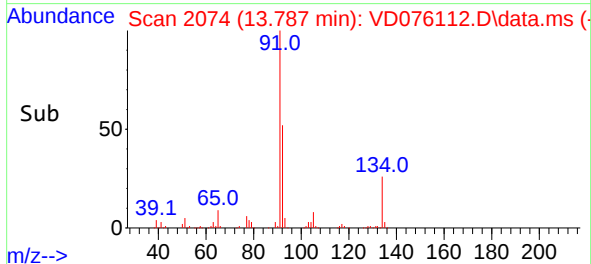
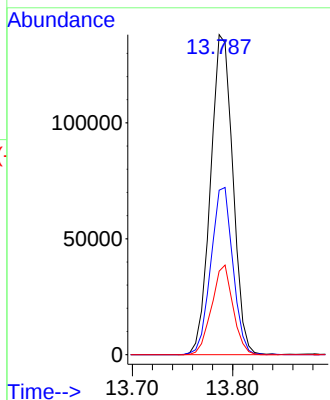
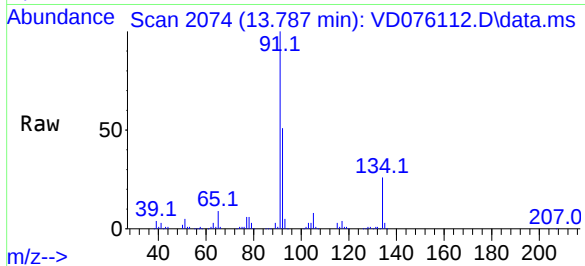




#89
n-Butylbenzene
Concen: 19.867 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.005 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

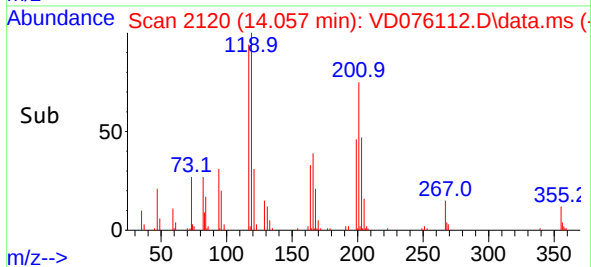
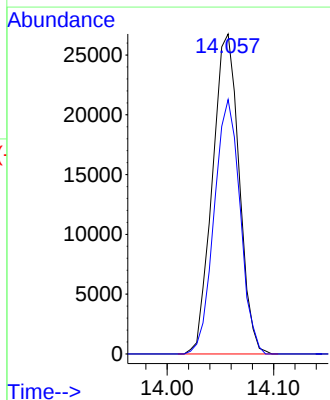
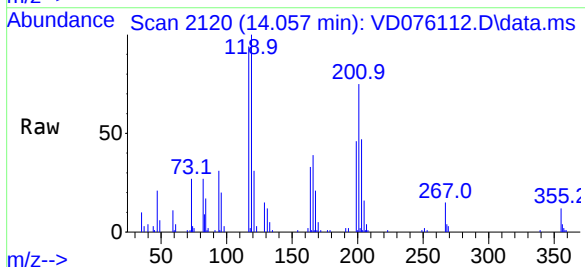
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

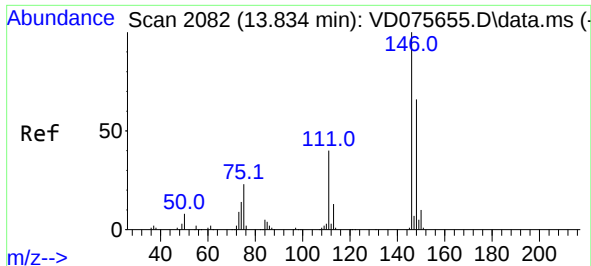
Tgt Ion: 91 Resp: 213072
Ion Ratio Lower Upper
91 100
92 51.5 26.2 78.5
134 26.8 12.7 38.0



#90
Hexachloroethane
Concen: 19.895 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion: 117 Resp: 46573
Ion Ratio Lower Upper
117 100
201 77.2 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 20.600 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

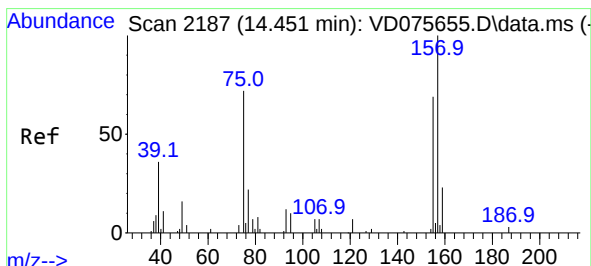
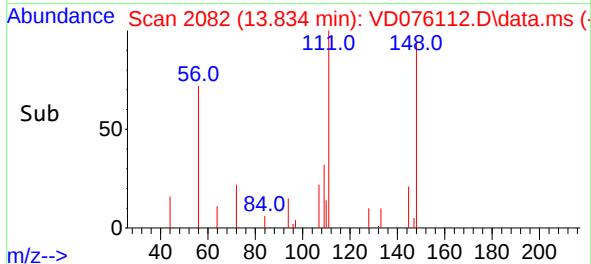
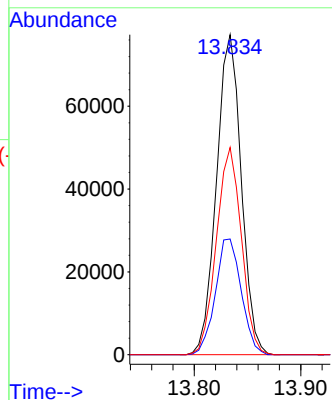
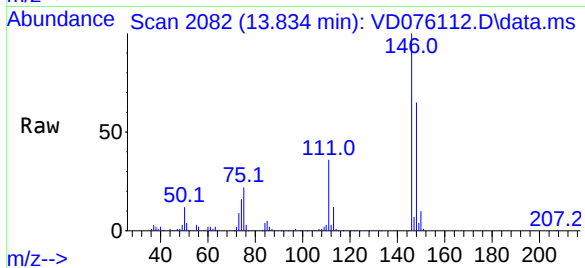
Tgt Ion:146 Resp: 124797

Ion Ratio Lower Upper

146 100

111 37.8 20.6 61.8

148 65.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.513 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD076112.D

Acq: 15 May 2023 12:51

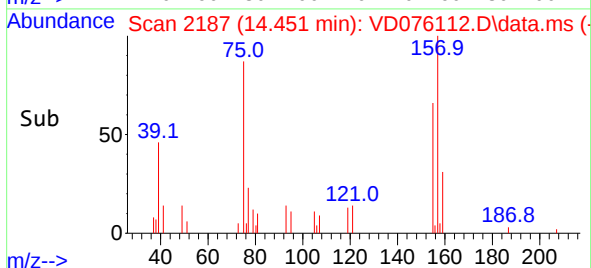
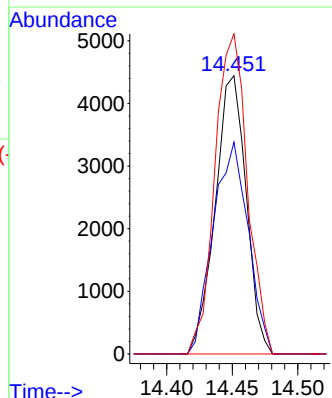
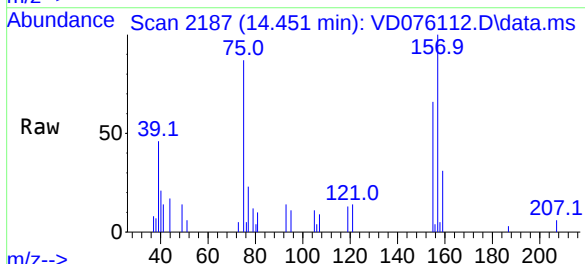
Tgt Ion: 75 Resp: 7292

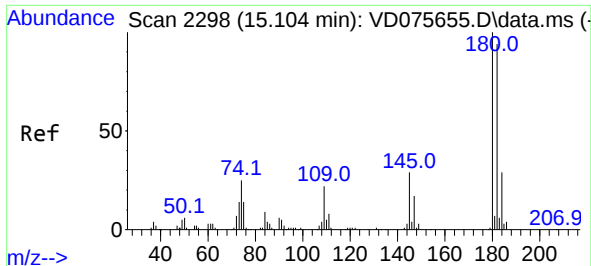
Ion Ratio Lower Upper

75 100

155 86.1 39.5 118.5

157 120.9 53.5 160.7

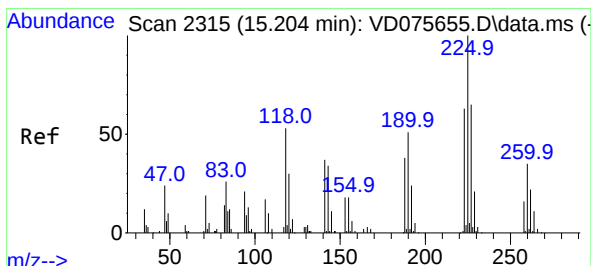
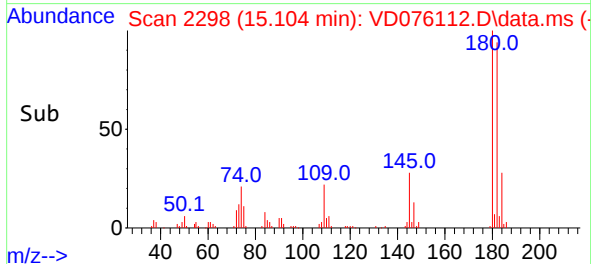
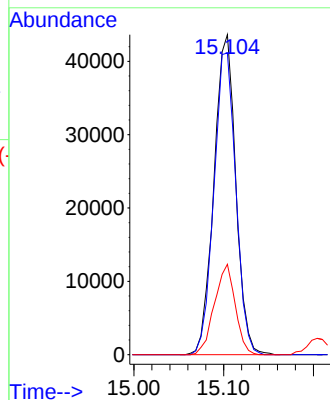
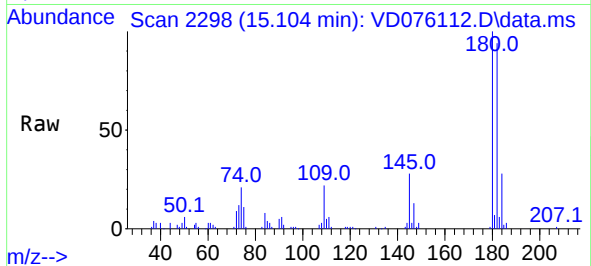




#93
1,2,4-Trichlorobenzene
Concen: 20.882 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

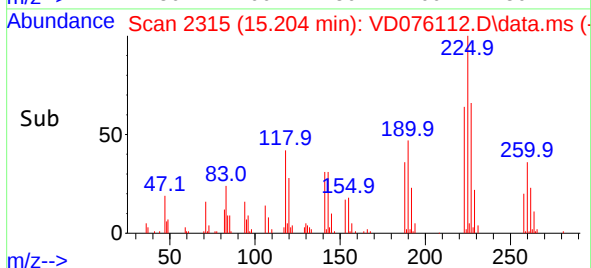
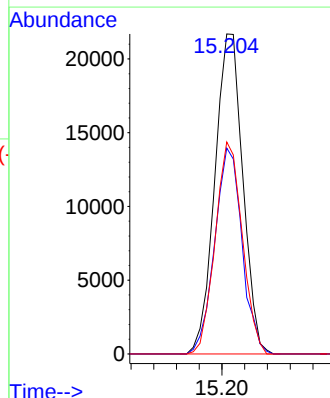
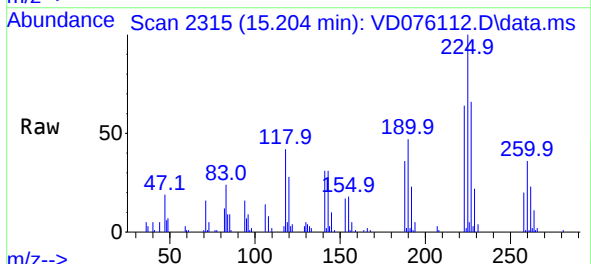
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

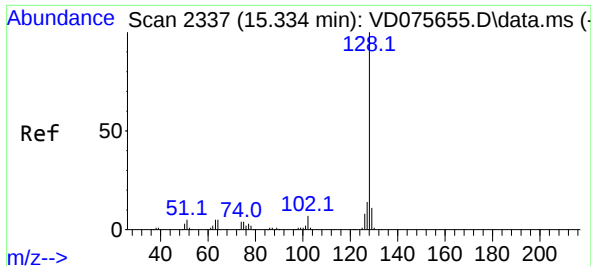
Tgt Ion:180 Resp: 73586
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.7
145 27.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 20.648 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:225 Resp: 37098
Ion Ratio Lower Upper
225 100
223 62.7 33.1 99.2
227 64.0 31.9 95.9

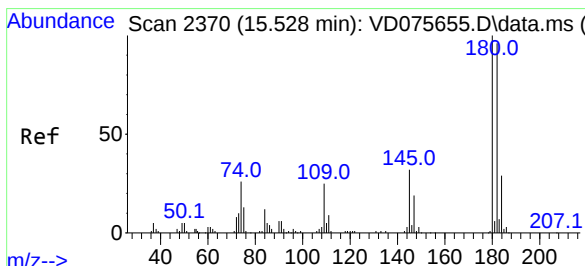
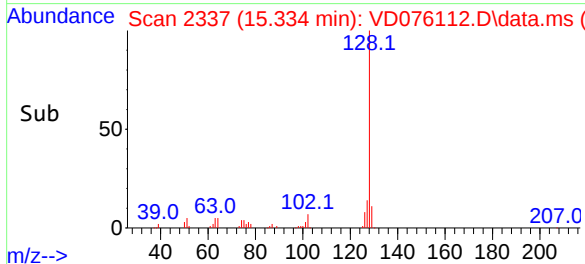
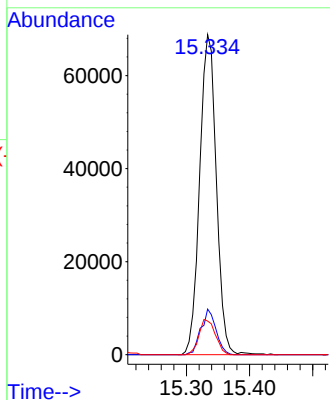
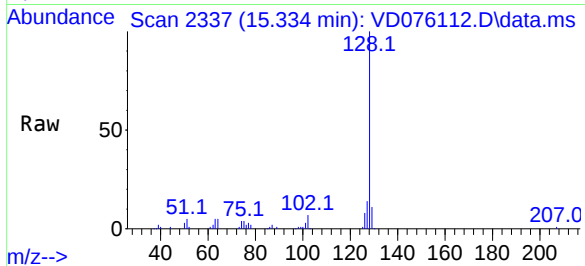




#95
Naphthalene
Concen: 19.229 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	125906
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.274 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076112.D
Acq: 15 May 2023 12:51

Tgt Ion:	180	Resp:	64975
Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.7	143.1
145	29.2	16.4	49.4

