

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
 Data File : VD076111.D
 Acq On : 15 May 2023 12:21
 Operator : KP/SY
 Sample : VSTDIC010
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 16 18:50:58 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	232345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	387569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	364551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	187793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24990	11.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.260%#
35) Dibromofluoromethane	7.804	113	28879	10.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.560%#
50) Toluene-d8	10.269	98	109945	10.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.060%#
62) 4-Bromofluorobenzene	12.569	95	29783	10.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.540%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	23938	11.424	ug/l	97
3) Chloromethane	2.146	50	44826	9.422	ug/l	97
4) Vinyl Chloride	2.281	62	49892	11.040	ug/l	97
5) Bromomethane	2.687	94	32409	10.652	ug/l	100
6) Chloroethane	2.834	64	33335	10.964	ug/l	99
7) Trichlorofluoromethane	3.169	101	42610	11.124	ug/l	95
8) Diethyl Ether	3.593	74	12247	9.722	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.964	101	28401	11.256	ug/l	95
10) Methyl Iodide	4.158	142	24409	9.304	ug/l	89
11) Tert butyl alcohol	5.058	59	6398	53.862	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	26437	10.528	ug/l #	79
13) Acrolein	3.793	56	15005	51.613	ug/l	97
14) Allyl chloride	4.558	41	25751	10.104	ug/l #	82
15) Acrylonitrile	5.258	53	26275	50.376	ug/l	97
16) Acetone	4.022	43	23947	53.599	ug/l #	84
17) Carbon Disulfide	4.269	76	77943	9.188	ug/l	96
18) Methyl Acetate	4.563	43	16582	10.404	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	48346	9.836	ug/l	95
20) Methylene Chloride	4.799	84	64370	11.018	ug/l #	80
21) trans-1,2-Dichloroethene	5.311	96	30009	10.369	ug/l #	80
22) Diisopropyl ether	6.210	45	57727	9.758	ug/l #	95
23) Vinyl Acetate	6.152	43	103603	44.542	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	49177	10.541	ug/l	99
25) 2-Butanone	7.081	43	27687	49.285	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	38903	10.227	ug/l	89
27) cis-1,2-Dichloroethene	7.075	96	32551	10.135	ug/l	84
28) Bromochloromethane	7.428	49	16679	10.722	ug/l #	54
29) Tetrahydrofuran	7.446	42	15345	46.865	ug/l #	64
30) Chloroform	7.599	83	54183	10.860	ug/l	86
31) Cyclohexane	7.875	56	34454	10.018	ug/l #	68
32) 1,1,1-Trichloroethane	7.793	97	43507	10.943	ug/l	96
36) 1,1-Dichloropropene	8.004	75	34824	9.625	ug/l	92
37) Ethyl Acetate	7.169	43	11410	9.107	ug/l #	80
38) Carbon Tetrachloride	7.987	117	33669	10.302	ug/l	97
39) Methylcyclohexane	9.269	83	39541	9.492	ug/l	94
40) Benzene	8.246	78	116372	10.004	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6518	9.488	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	29011	10.544	ug/l	95
43) Isopropyl Acetate	8.357	43	23046	9.847	ug/l #	87
44) Trichloroethene	9.028	130	33271	10.149	ug/l	95
45) 1,2-Dichloropropane	9.304	63	29358	10.232	ug/l	92
46) Dibromomethane	9.393	93	16764	10.424	ug/l	93
47) Bromodichloromethane	9.587	83	39378	10.188	ug/l	99
48) Methyl methacrylate	9.381	41	8837	8.531	ug/l #	55
49) 1,4-Dioxane	9.393	88	3337	194.034	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	58909	47.327	ug/l	88
52) Toluene	10.334	92	70682	9.729	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	33885	9.727	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	41739	9.818	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	24113	10.455	ug/l	86
56) Ethyl methacrylate	10.598	69	21149	9.123	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	36551	10.102	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	51003	45.856	ug/l #	88
59) 2-Hexanone	10.922	43	42000	47.846	ug/l	82
60) Dibromochloromethane	11.075	129	26672	10.285	ug/l	98
61) 1,2-Dibromoethane	11.181	107	20441	9.964	ug/l	92
64) Tetrachloroethene	10.810	164	27451	9.792	ug/l	94
65) Chlorobenzene	11.604	112	81104	9.772	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	29128	10.199	ug/l	96
67) Ethyl Benzene	11.687	91	121400	9.154	ug/l	97
68) m/p-Xylenes	11.793	106	99511	18.360	ug/l	91
69) o-Xylene	12.122	106	44099	8.917	ug/l	92
70) Styrene	12.134	104	78508	9.156	ug/l	93
71) Bromoform	12.298	173	16314	10.155	ug/l #	99
73) Isopropylbenzene	12.422	105	111005	8.936	ug/l	97
74) N-amyl acetate	12.234	43	19205	8.679	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	27087	10.145	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	28979	17.634	ug/l #	100
77) Bromobenzene	12.704	156	32762	9.839	ug/l	89
78) n-propylbenzene	12.763	91	140028	9.056	ug/l	98
79) 2-Chlorotoluene	12.851	91	80916	9.455	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	94372	9.164	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	7267	9.277	ug/l #	71
82) 4-Chlorotoluene	12.945	91	89407	9.822	ug/l	93
83) tert-Butylbenzene	13.169	119	78244	8.990	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	90629	8.837	ug/l	93
85) sec-Butylbenzene	13.345	105	124839	9.204	ug/l	97
86) p-Isopropyltoluene	13.463	119	98748	8.897	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	67402	10.012	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	67107	10.067	ug/l	97
89) n-Butylbenzene	13.787	91	89964	8.602	ug/l	98
90) Hexachloroethane	14.051	117	22183	9.717	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	57626	9.754	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3406	9.825	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	29577	8.607	ug/l	95
94) Hexachlorobutadiene	15.204	225	16342	9.327	ug/l	98
95) Naphthalene	15.334	128	52888	8.283	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	27939	8.939	ug/l	98

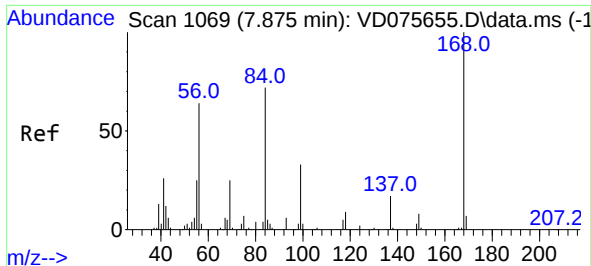
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
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Response via : Initial Calibration

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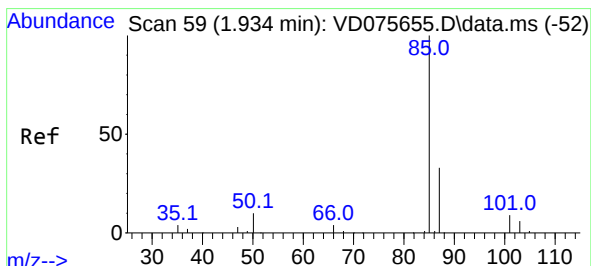
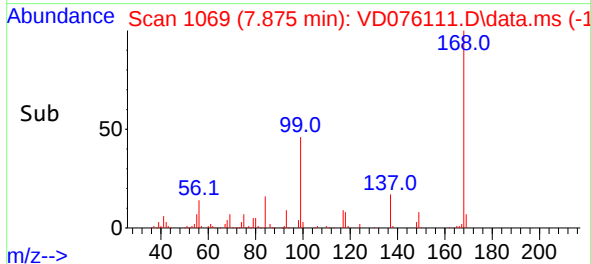
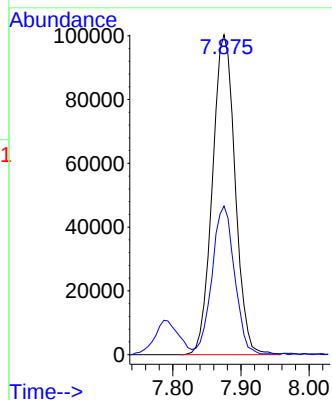
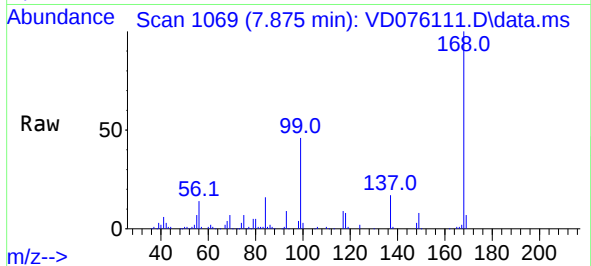
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

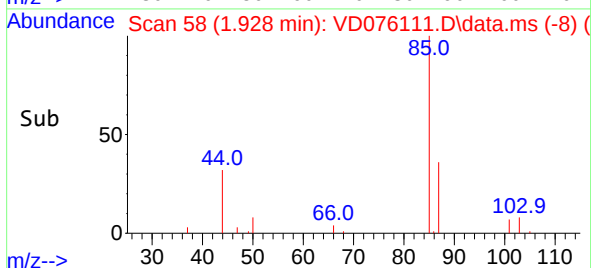
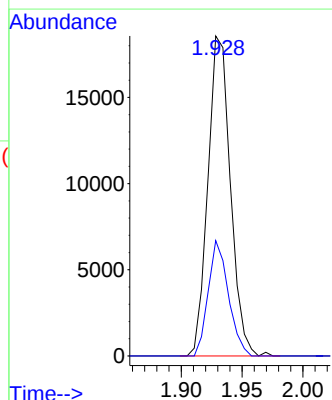
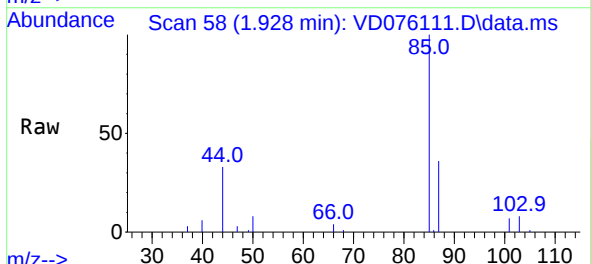
Instrument :
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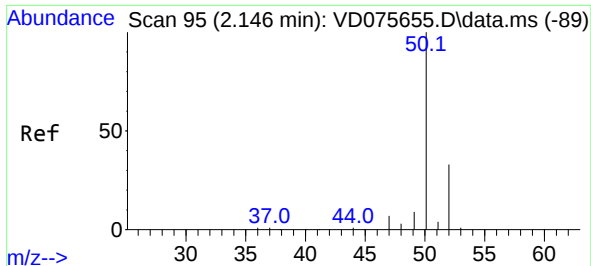
Tgt Ion:168 Resp: 232345
Ion Ratio Lower Upper
168 100
99 46.2 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 11.424 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 85 Resp: 23938
Ion Ratio Lower Upper
85 100
87 36.0 17.3 51.7

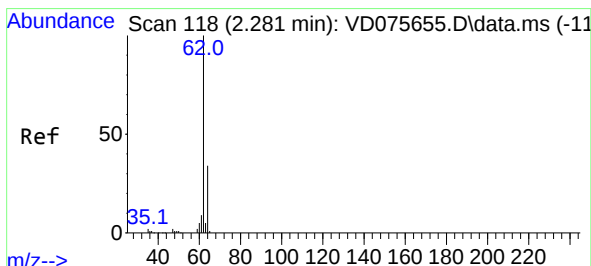
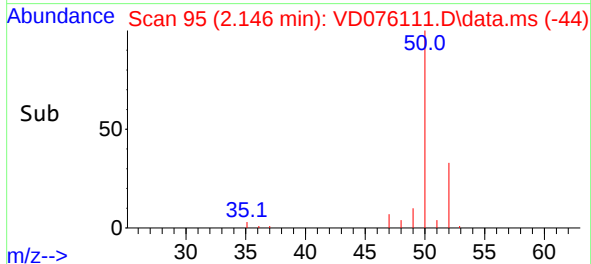
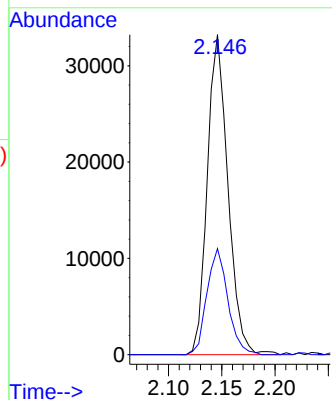
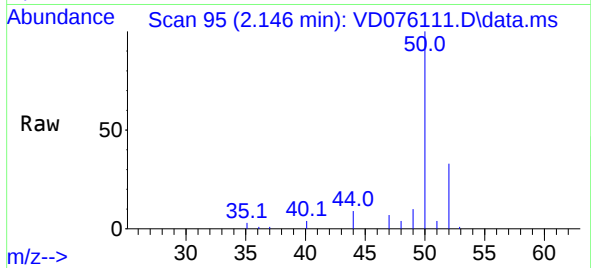




#3
Chloromethane
Concen: 9.422 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

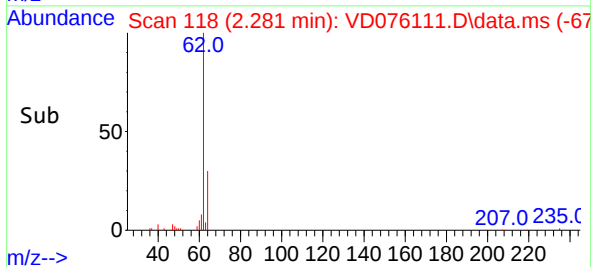
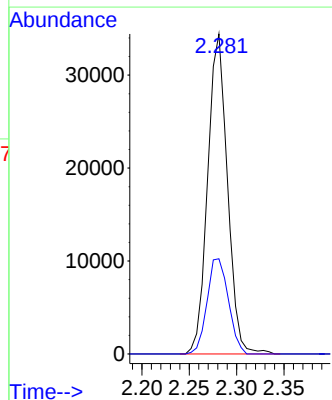
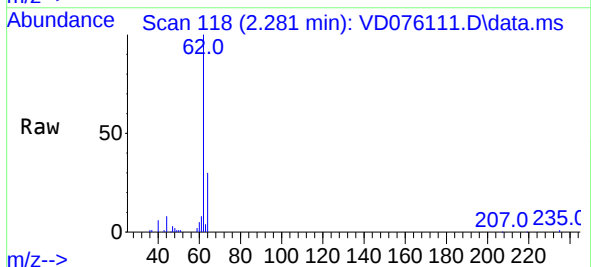
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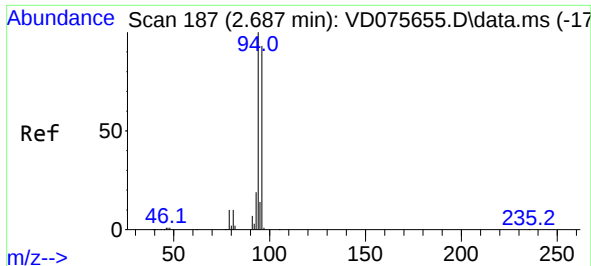
Tgt Ion: 50 Resp: 44826
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.8



#4
Vinyl Chloride
Concen: 11.040 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 62 Resp: 49892
Ion Ratio Lower Upper
62 100
64 29.8 25.4 38.0

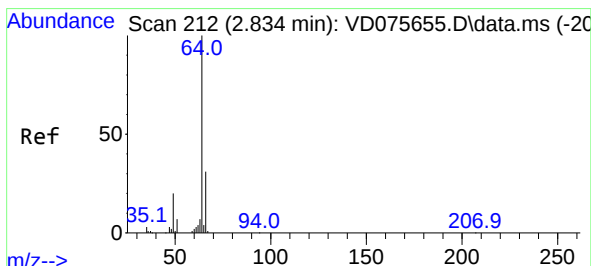
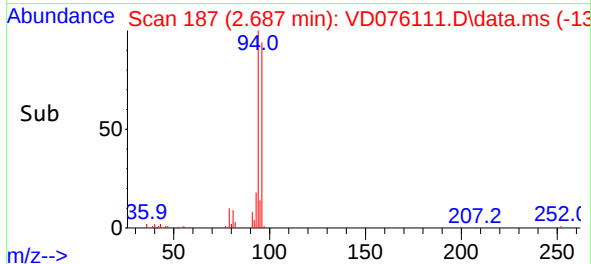
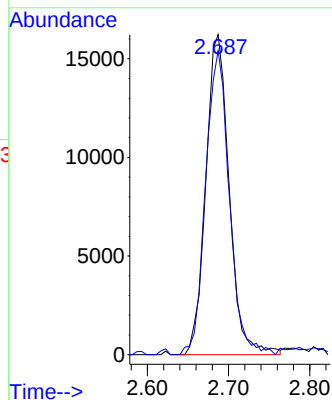
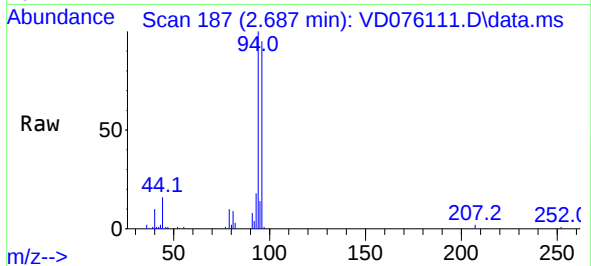




#5
Bromomethane
Concen: 10.652 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

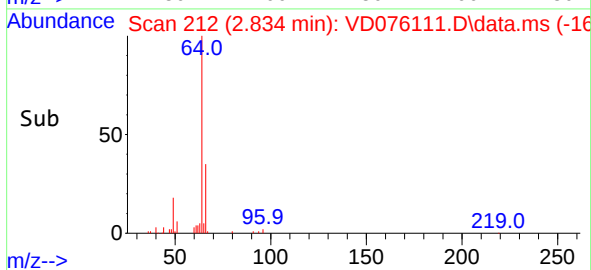
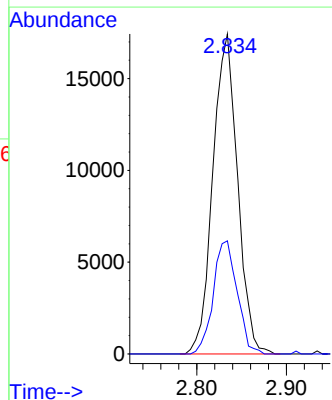
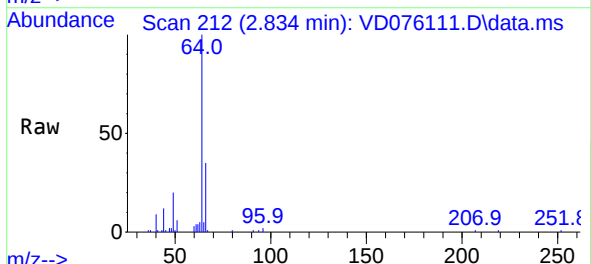
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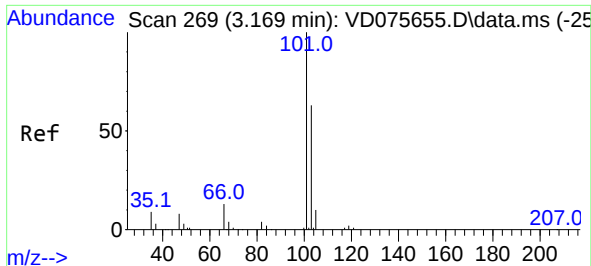
Tgt Ion: 94 Resp: 32409
Ion Ratio Lower Upper
94 100
96 96.5 77.5 116.3



#6
Chloroethane
Concen: 10.964 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 64 Resp: 33335
Ion Ratio Lower Upper
64 100
66 35.3 27.7 41.5

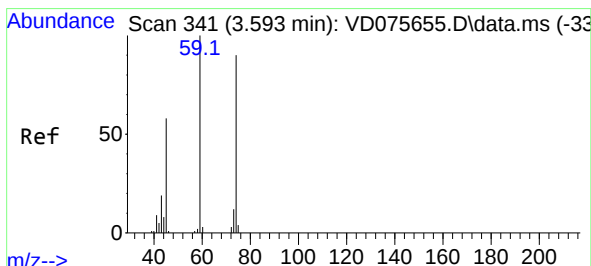
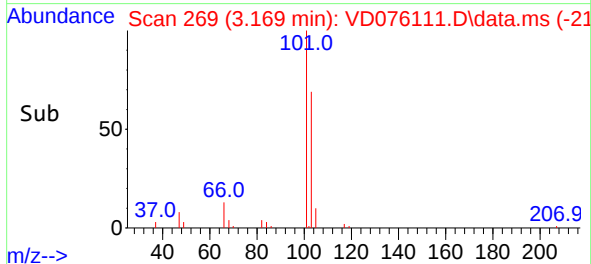
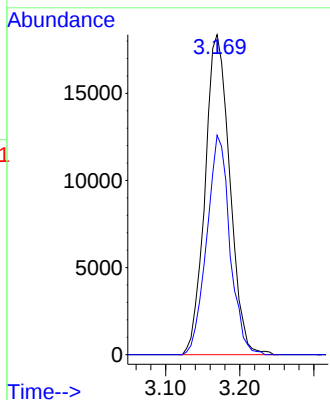
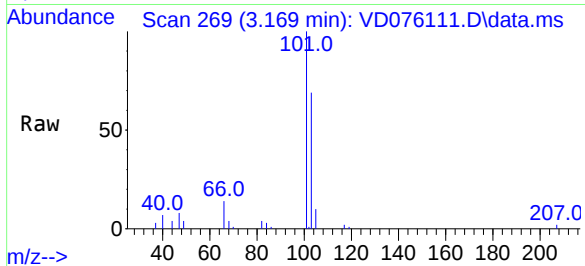




#7
Trichlorofluoromethane
Concen: 11.124 ug/l
RT: 3.169 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

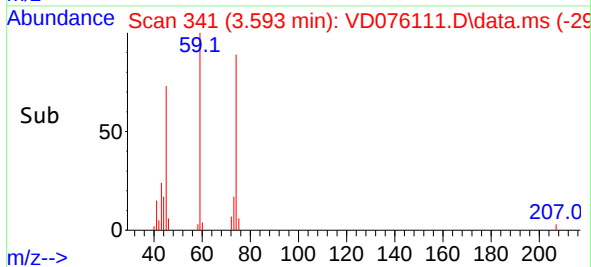
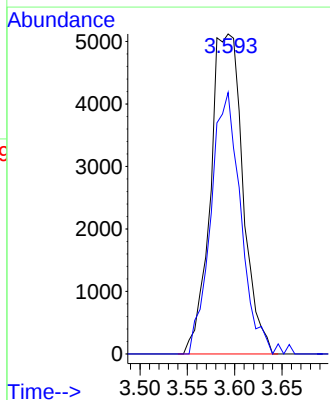
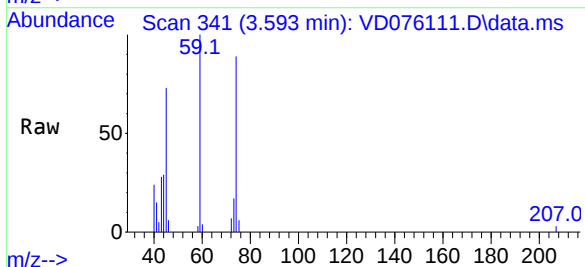
Instrument :
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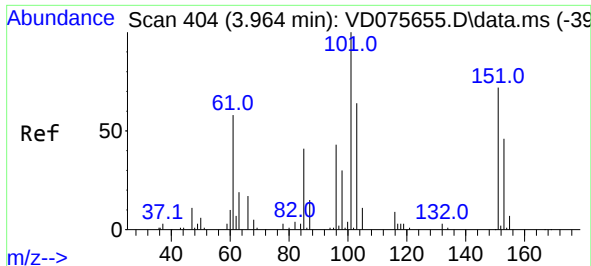
Tgt Ion:101 Resp: 42610
Ion Ratio Lower Upper
101 100
103 68.5 51.9 77.9



#8
Diethyl Ether
Concen: 9.722 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 74 Resp: 12247
Ion Ratio Lower Upper
74 100
45 75.8 50.9 152.7

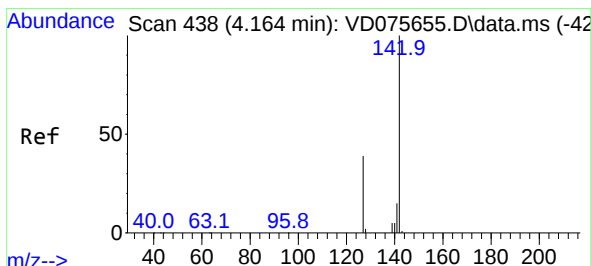
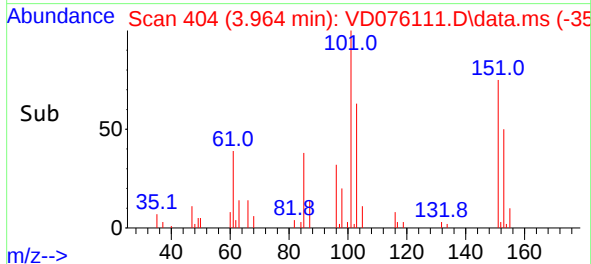
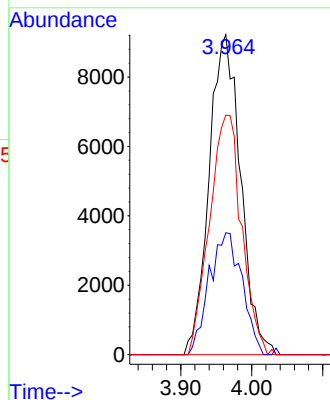
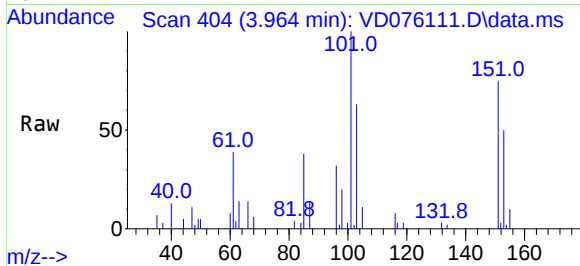




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.256 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
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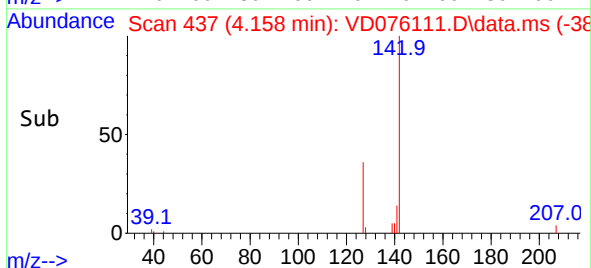
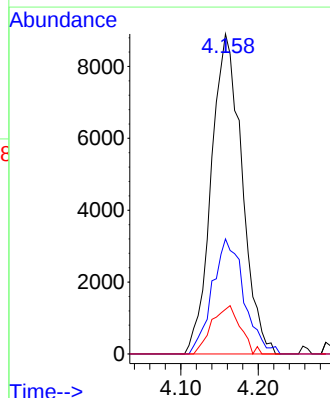
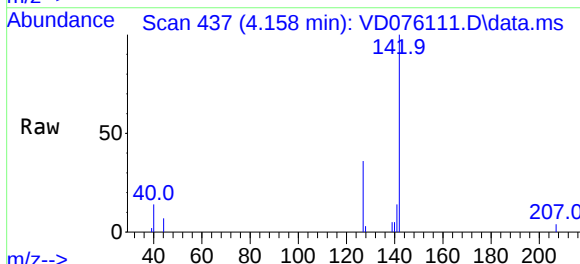
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

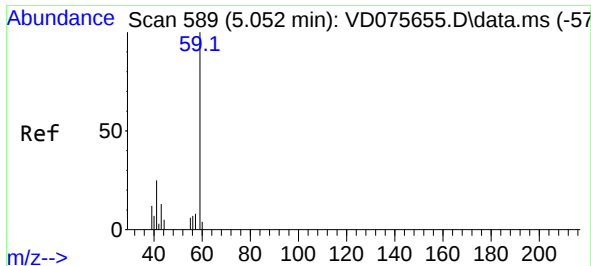
Tgt Ion:	101	Resp:	28401
Ion	Ratio	Lower	Upper
101	100		
85	39.7	38.3	57.5
151	76.4	60.4	90.6



#10
Methyl Iodide
Concen: 9.304 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:	142	Resp:	24409
Ion	Ratio	Lower	Upper
142	100		
127	37.2	37.1	55.7
141	14.2	11.3	16.9

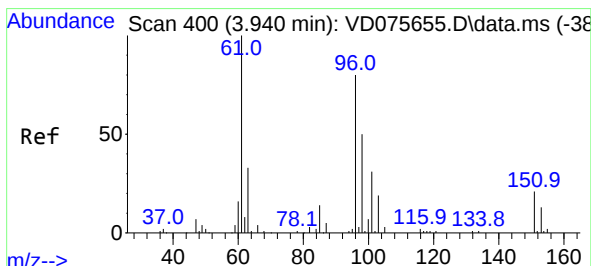
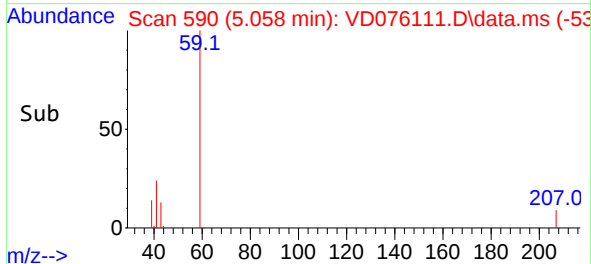
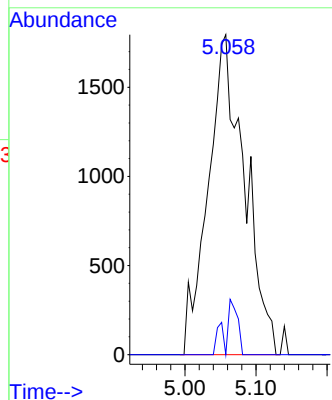
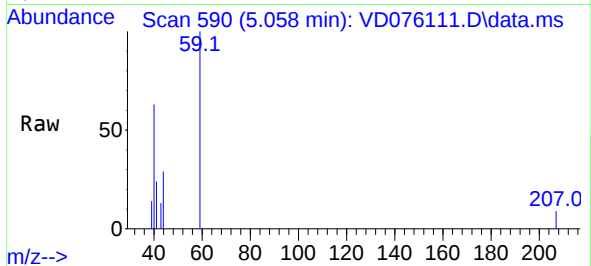




#11
Tert butyl alcohol
Concen: 53.862 ug/l
RT: 5.058 min Scan# 511
Delta R.T. 0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

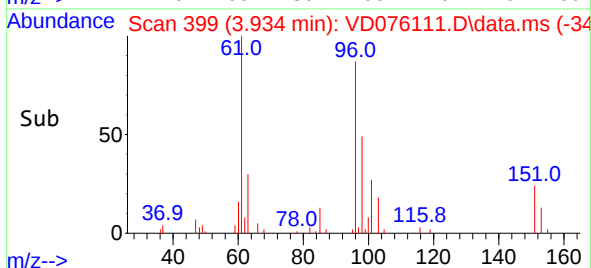
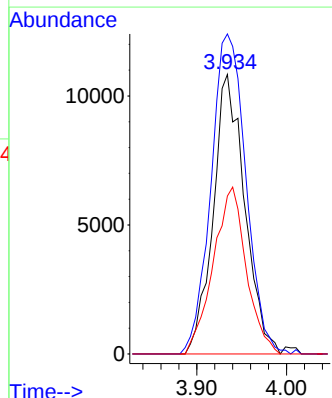
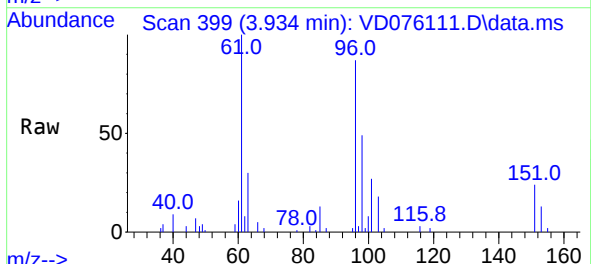
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

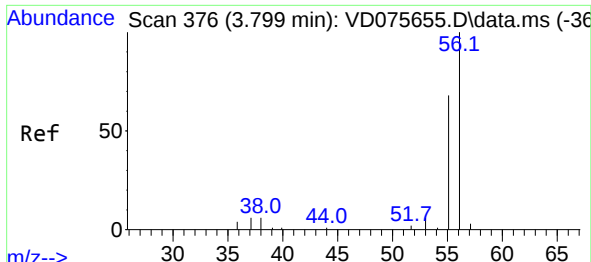
Tgt Ion: 59 Resp: 6398
Ion Ratio Lower Upper
59 100
57 6.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 10.528 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 96 Resp: 26437
Ion Ratio Lower Upper
96 100
61 114.4 118.6 177.8#
98 56.5 49.7 74.5





#13

Acrolein

Concen: 51.613 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

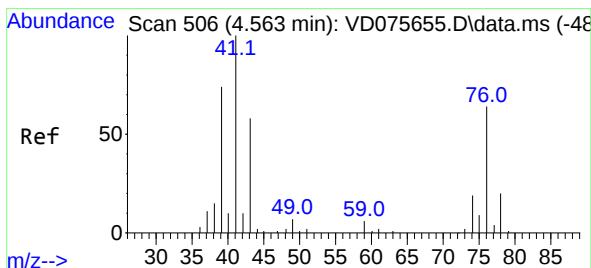
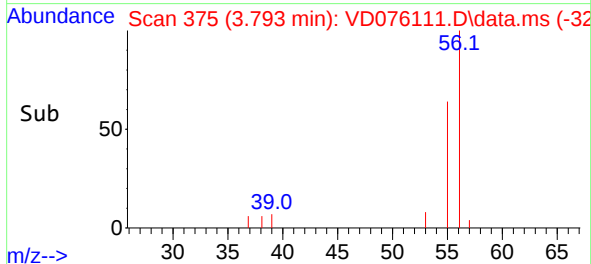
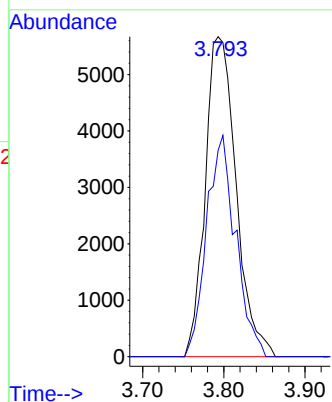
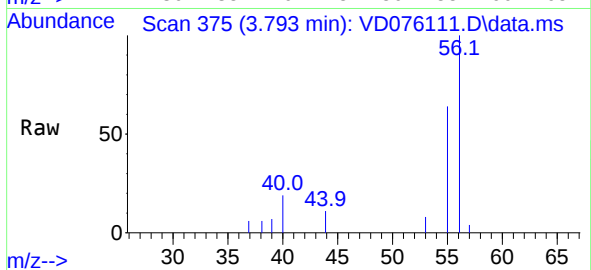
VSTDICC010

Tgt Ion: 56 Resp: 15005

Ion Ratio Lower Upper

56 100

55 65.1 53.9 80.9



#14

Allyl chloride

Concen: 10.104 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

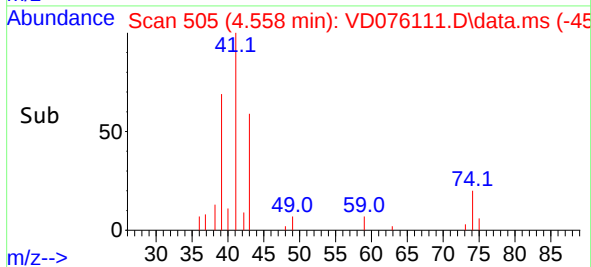
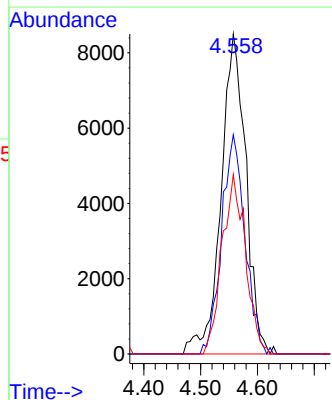
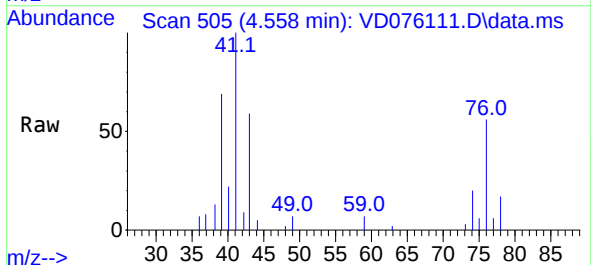
Tgt Ion: 41 Resp: 25751

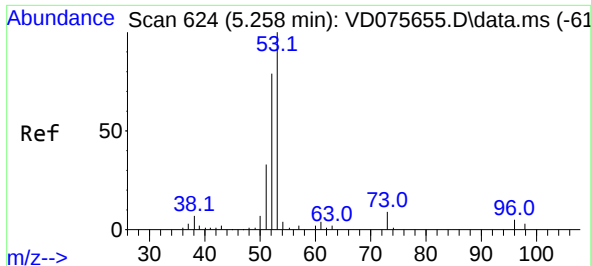
Ion Ratio Lower Upper

41 100

39 64.5 60.6 90.8

76 53.4 28.6 43.0#

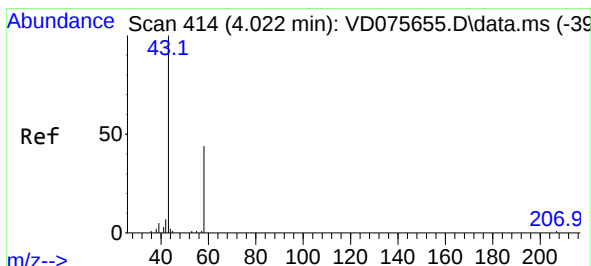
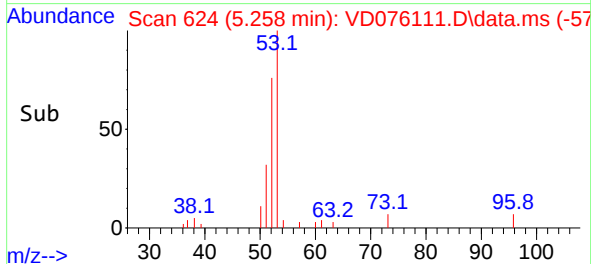
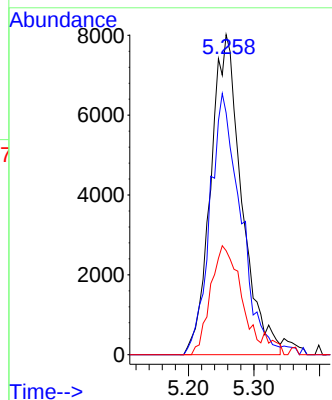
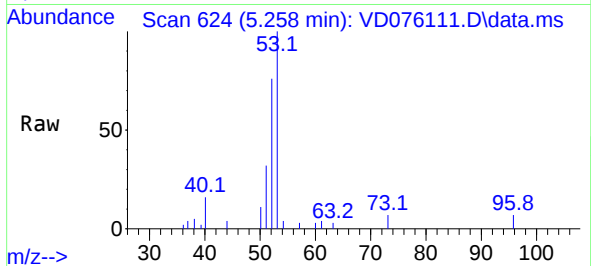




#15
Acrylonitrile
Concen: 50.376 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

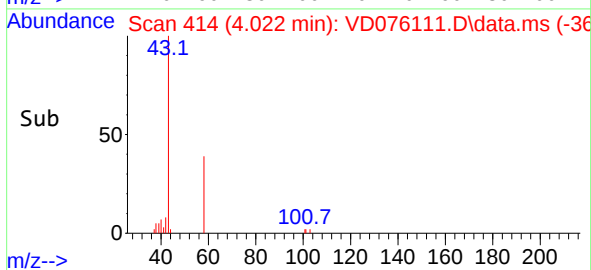
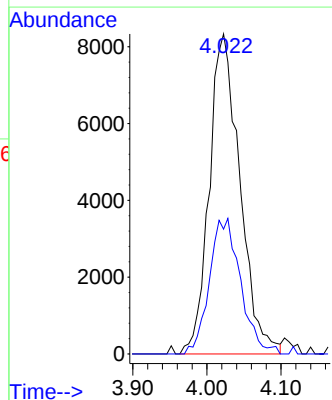
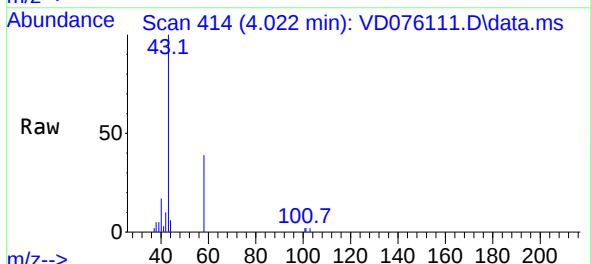
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

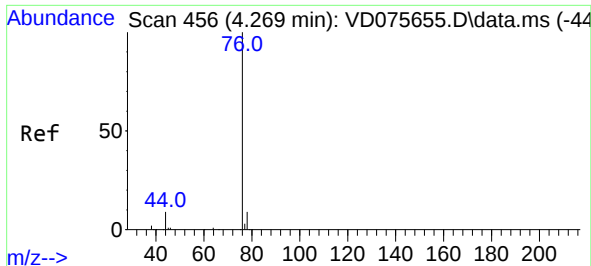
Tgt Ion:	53	Resp:	26275
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	33.4	30.7	46.1



#16
Acetone
Concen: 53.599 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:	43	Resp:	23947
Ion	Ratio	Lower	Upper
43	100		
58	39.0	24.4	36.6

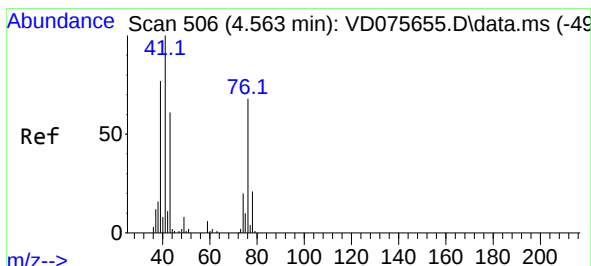
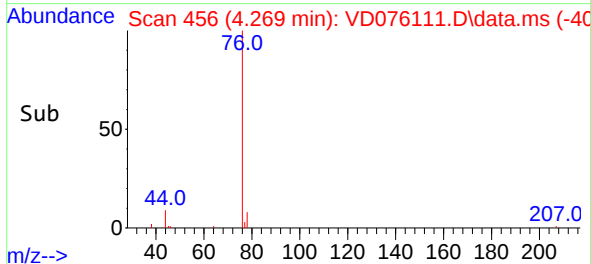
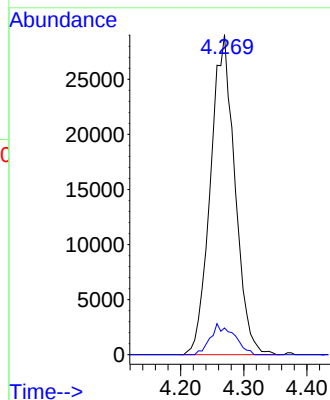
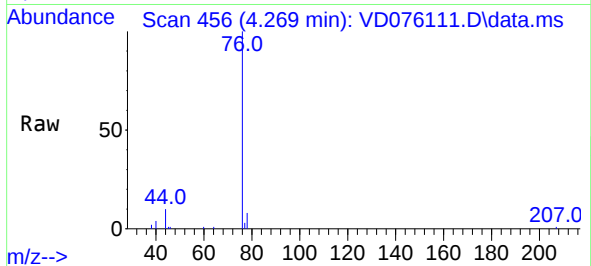




#17
Carbon Disulfide
Concen: 9.188 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

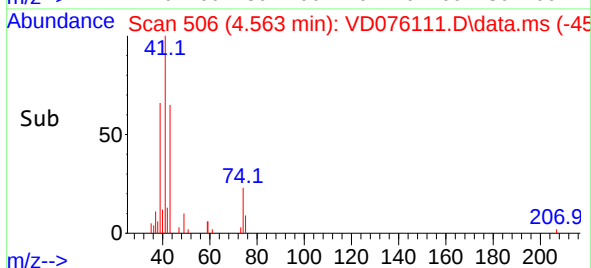
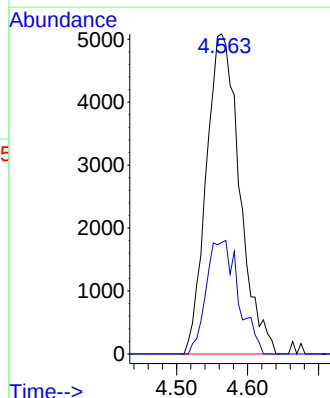
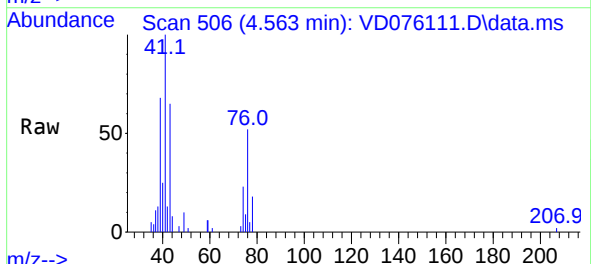
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

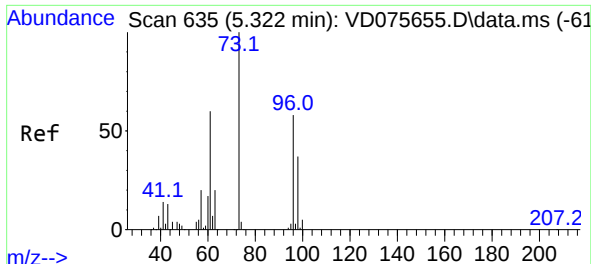
Tgt Ion: 76 Resp: 77943
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0



#18
Methyl Acetate
Concen: 10.404 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 43 Resp: 16582
Ion Ratio Lower Upper
43 100
74 34.3 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 9.836 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

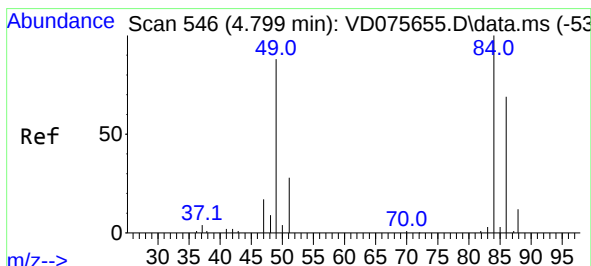
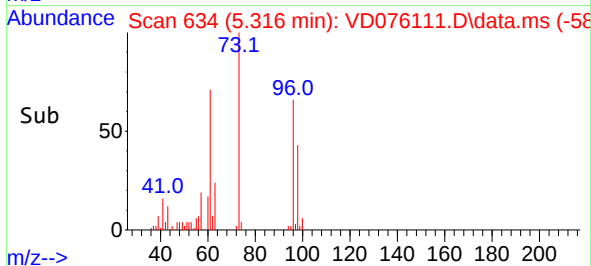
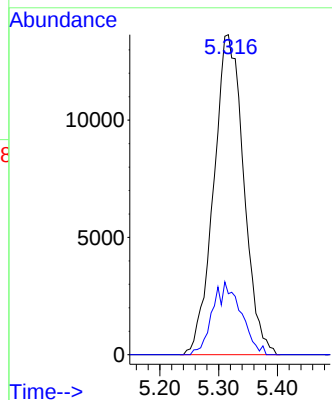
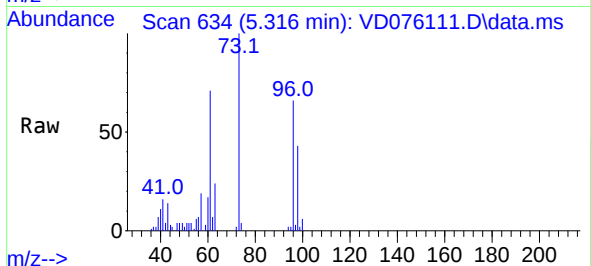
VSTDIC010

Tgt Ion: 73 Resp: 48346

Ion Ratio Lower Upper

73 100

57 19.1 17.2 25.8



#20

Methylene Chloride

Concen: 11.018 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Tgt Ion: 84 Resp: 64370

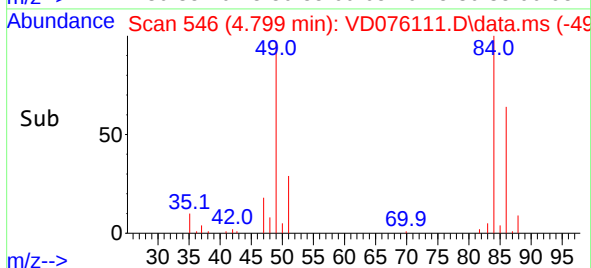
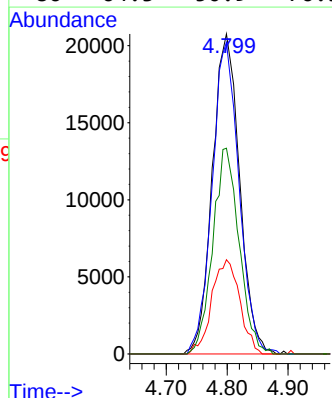
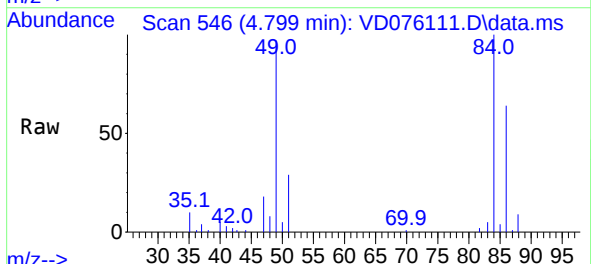
Ion Ratio Lower Upper

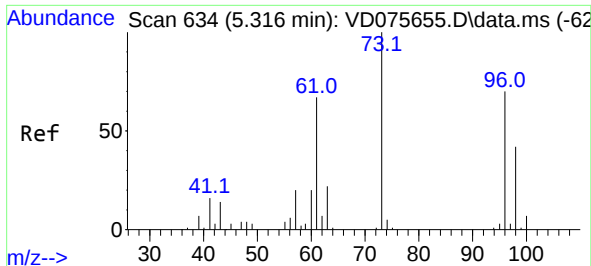
84 100

49 97.4 106.4 159.6#

51 29.4 32.4 48.6#

86 64.3 50.9 76.3

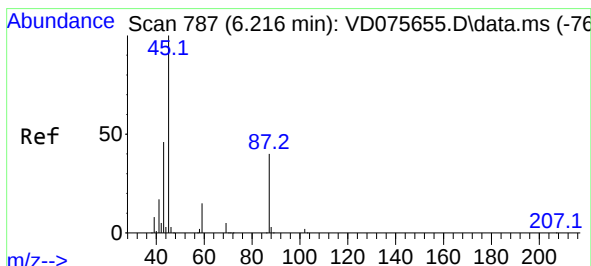
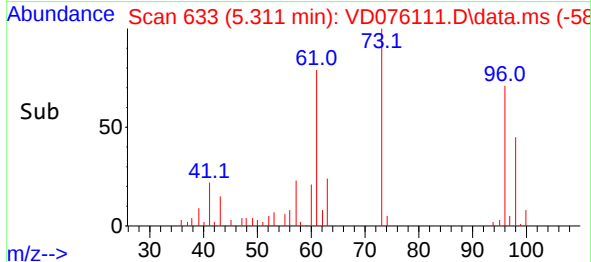
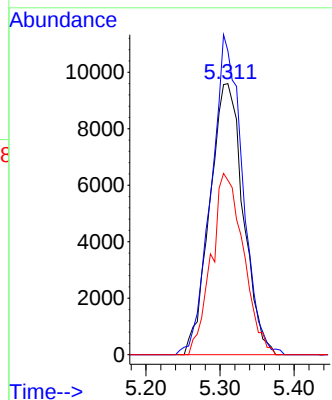
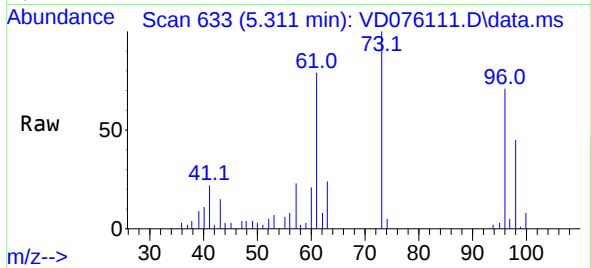




#21
trans-1,2-Dichloroethene
Concen: 10.369 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

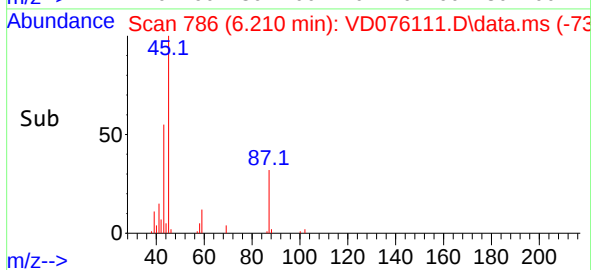
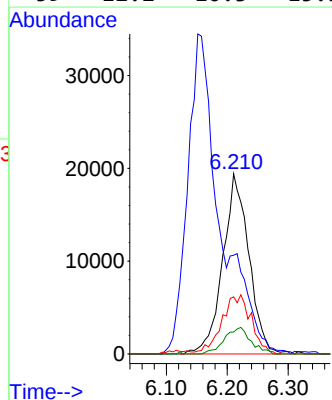
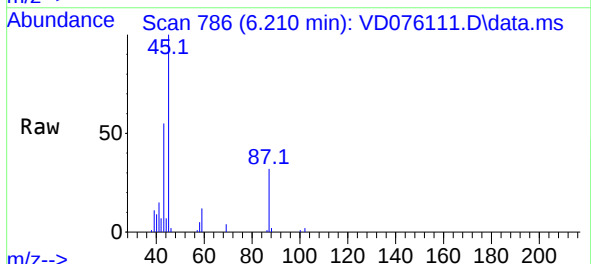
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

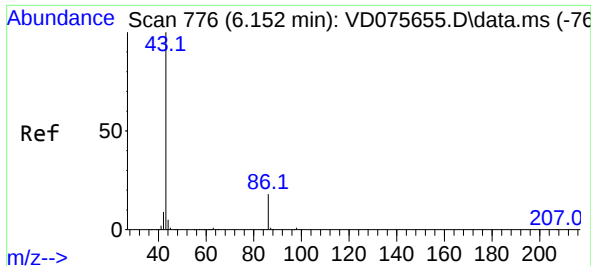
Tgt Ion: 96 Resp: 30009
Ion Ratio Lower Upper
96 100
61 110.5 117.2 175.8#
98 64.4 50.6 76.0



#22
Diisopropyl ether
Concen: 9.758 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 45 Resp: 57727
Ion Ratio Lower Upper
45 100
43 52.9 44.4 66.6
87 31.7 20.9 31.3#
59 12.2 10.3 15.5

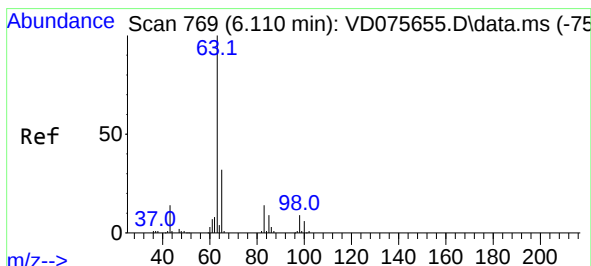
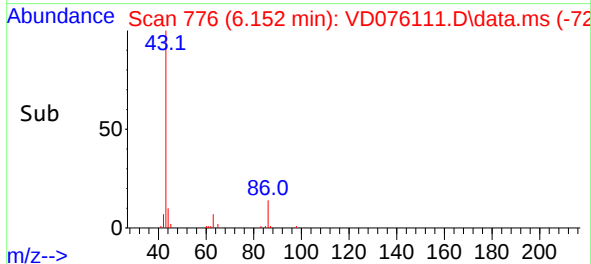
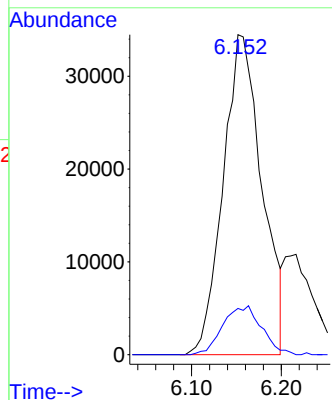
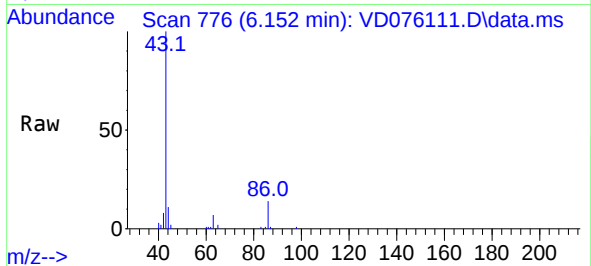




#23
 Vinyl Acetate
 Concen: 44.542 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076111.D
 Acq: 15 May 2023 12:21

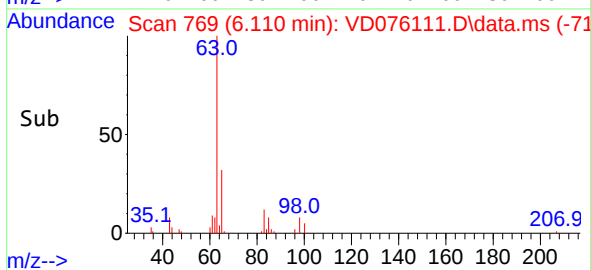
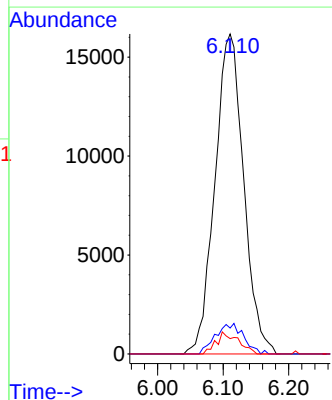
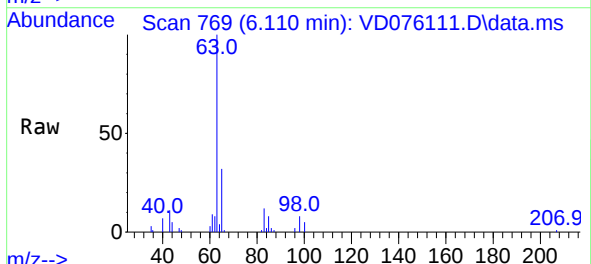
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

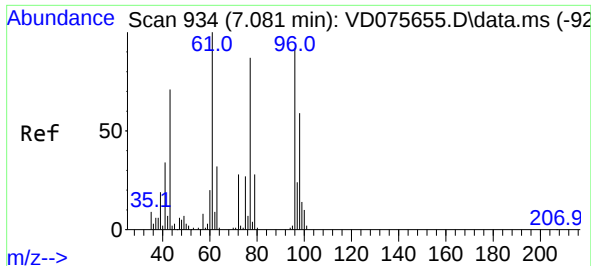
Tgt Ion: 43 Resp: 103603
 Ion Ratio Lower Upper
 43 100
 86 14.4 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 10.541 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076111.D
 Acq: 15 May 2023 12:21

Tgt Ion: 63 Resp: 49177
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.8 2.0 6.0

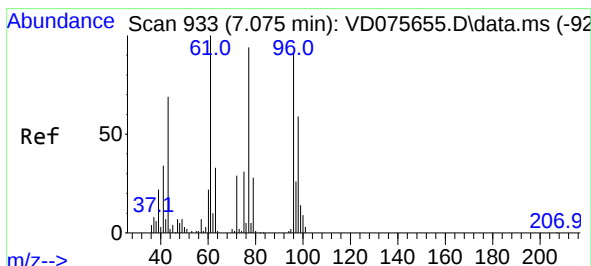
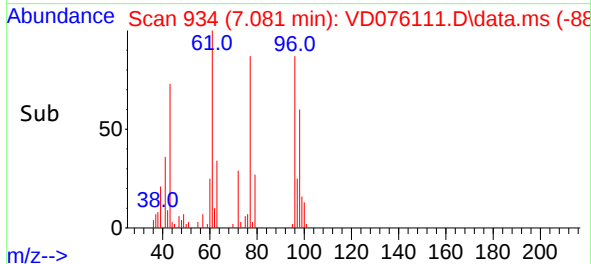
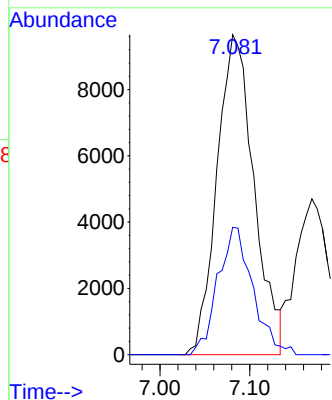
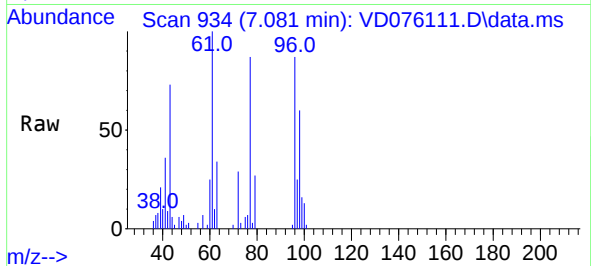




#25
2-Butanone
Concen: 49.285 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

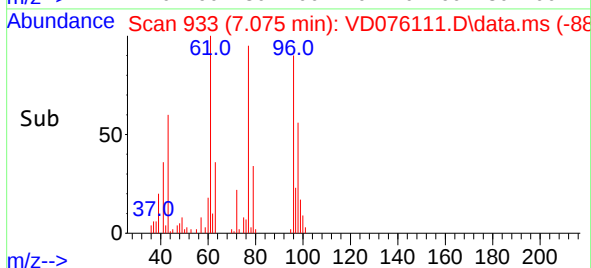
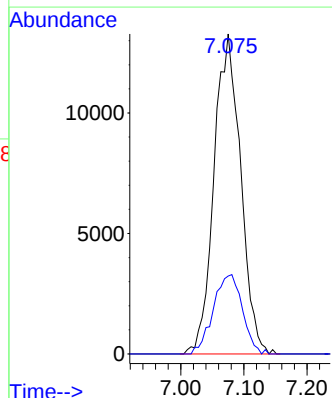
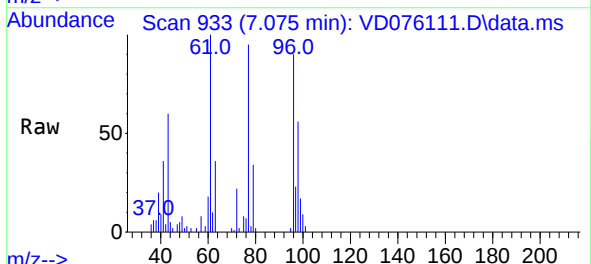
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

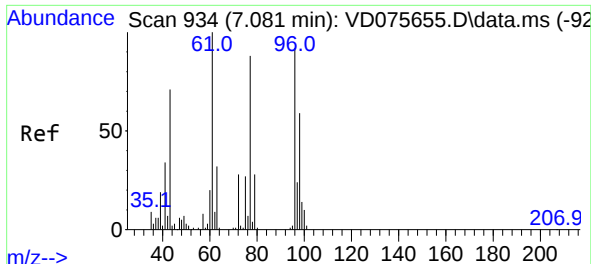
Tgt Ion: 43 Resp: 27687
Ion Ratio Lower Upper
43 100
72 39.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 10.227 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 77 Resp: 38903
Ion Ratio Lower Upper
77 100
97 27.1 11.1 33.1



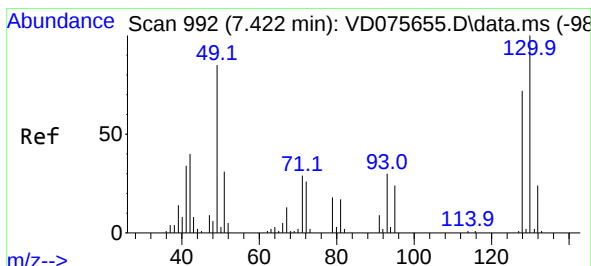
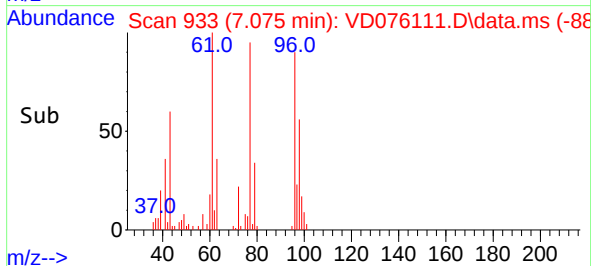
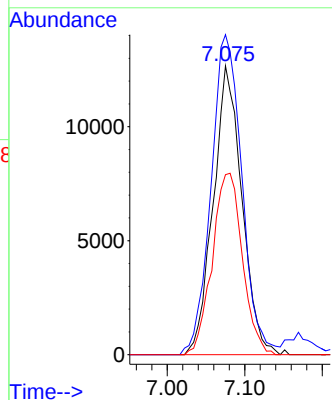
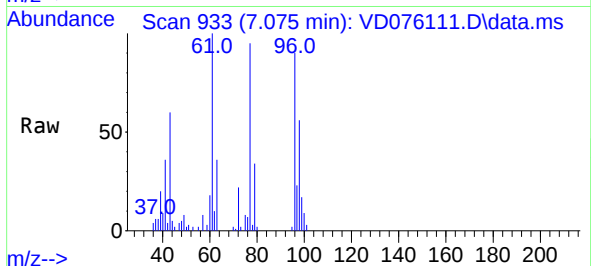


#27
 cis-1,2-Dichloroethene
 Concen: 10.135 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076111.D
 Acq: 15 May 2023 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Tgt Ion: 96 Resp: 32551

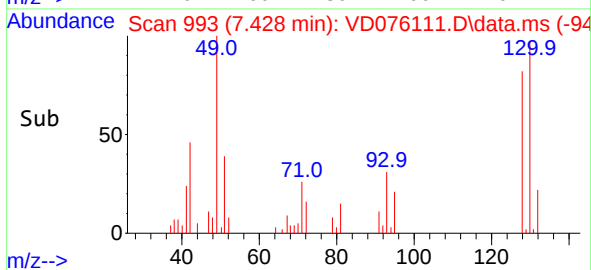
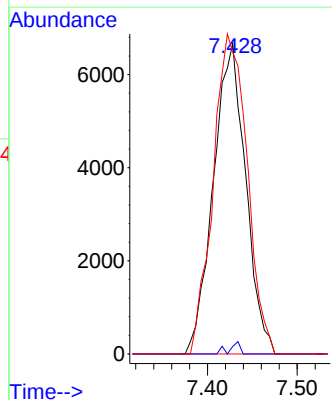
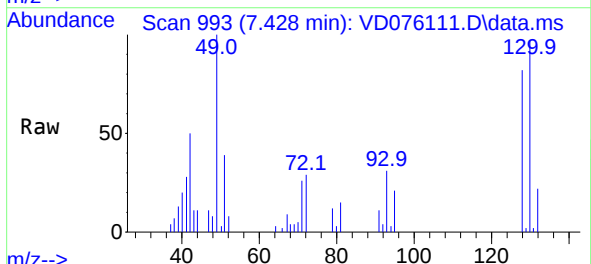
Ion	Ratio	Lower	Upper
96	100		
61	119.2	0.0	295.2
98	66.2	0.0	129.2

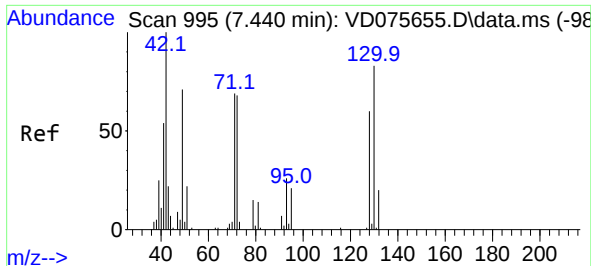


#28
 Bromochloromethane
 Concen: 10.722 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076111.D
 Acq: 15 May 2023 12:21

Tgt Ion: 49 Resp: 16679

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.2
130	108.3	56.0	84.0





#29

Tetrahydrofuran

Concen: 46.865 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

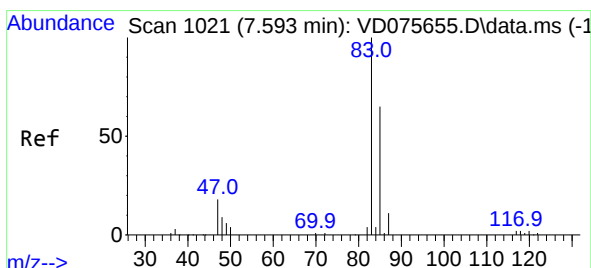
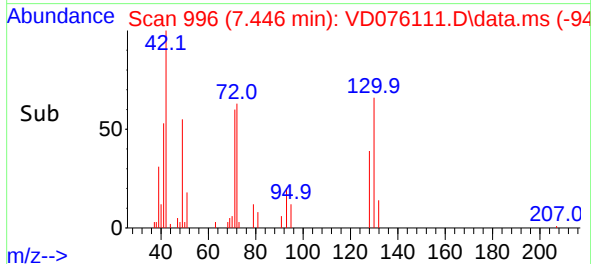
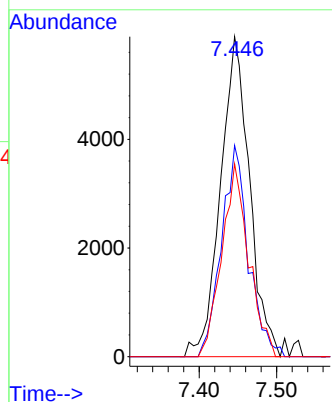
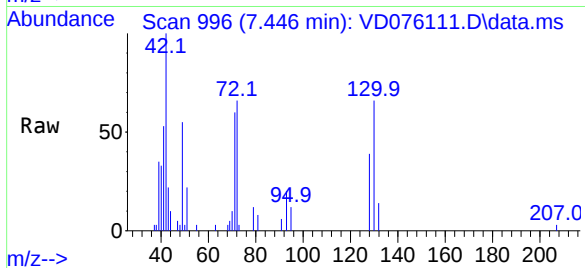
Tgt Ion: 42 Resp: 15345

Ion Ratio Lower Upper

42 100

72 61.3 31.8 47.6#

71 56.0 27.6 41.4#



#30

Chloroform

Concen: 10.860 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD076111.D

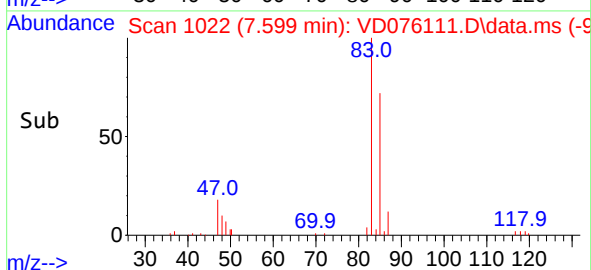
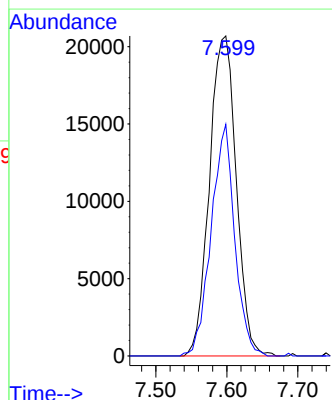
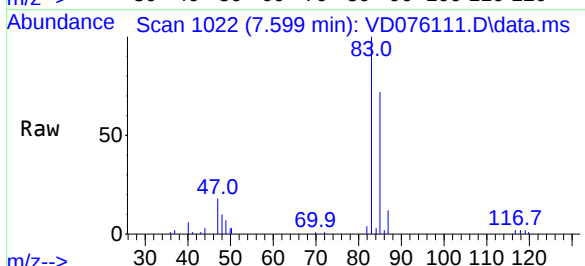
Acq: 15 May 2023 12:21

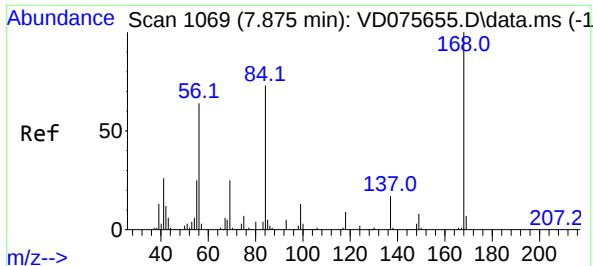
Tgt Ion: 83 Resp: 54183

Ion Ratio Lower Upper

83 100

85 72.4 49.4 74.2

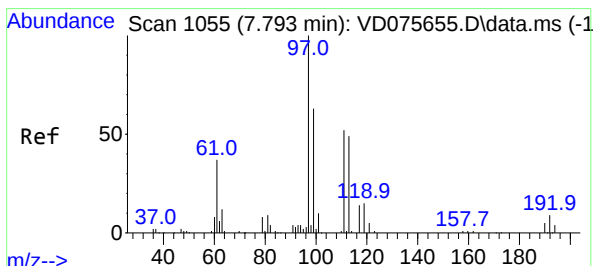
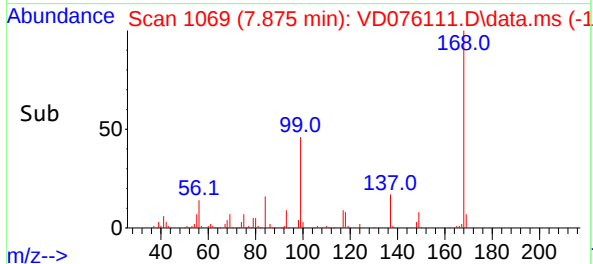
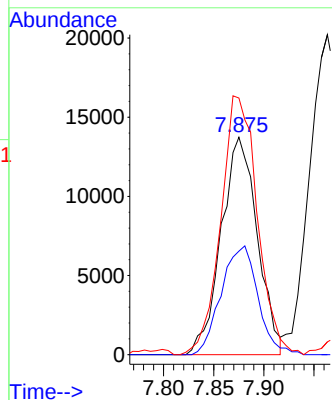
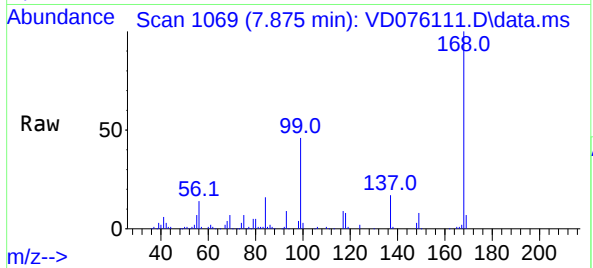




#31
Cyclohexane
Concen: 10.018 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

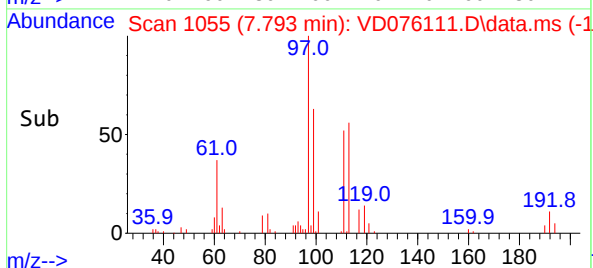
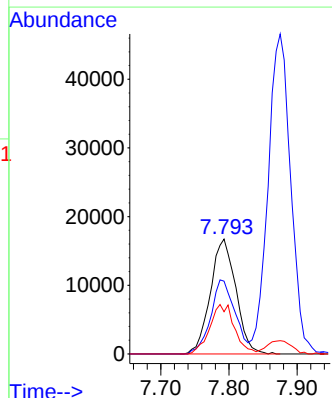
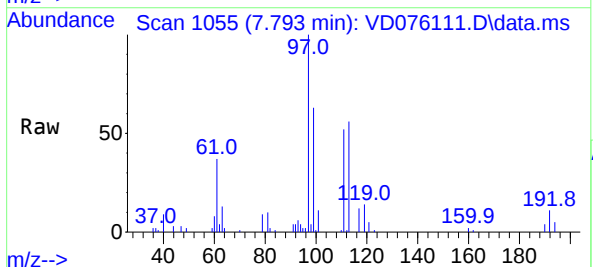
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

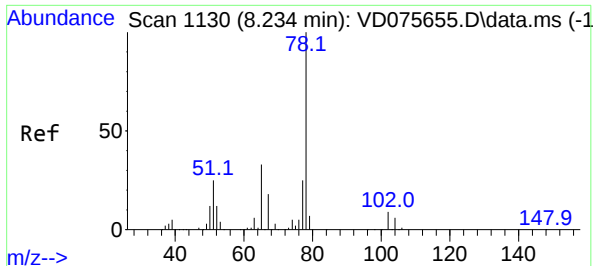
Tgt Ion: 56 Resp: 34454
Ion Ratio Lower Upper
56 100
69 47.6 25.5 38.3#
84 118.0 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 10.943 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 97 Resp: 43507
Ion Ratio Lower Upper
97 100
99 61.5 50.5 75.7
61 41.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 11.129 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

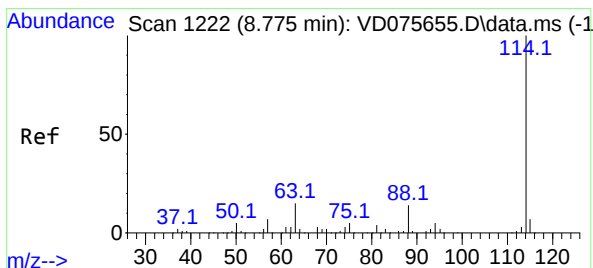
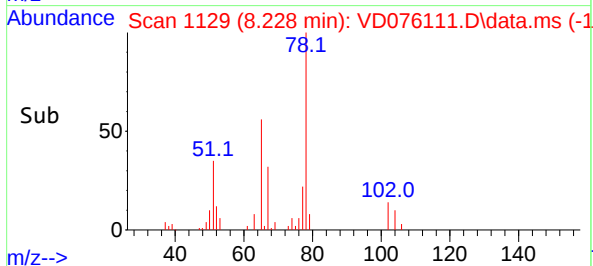
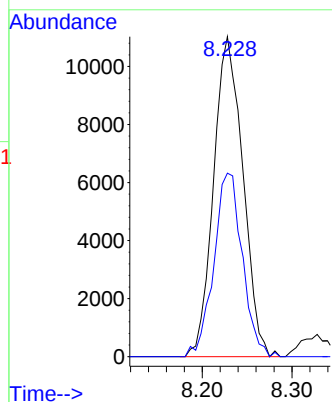
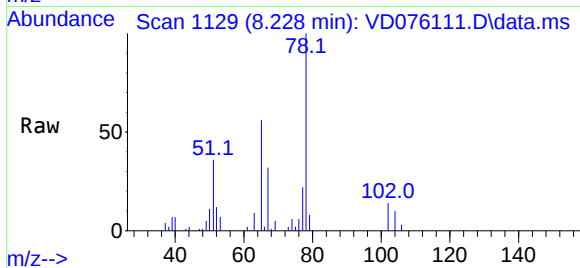
VSTDICC010

Tgt Ion: 65 Resp: 24990

Ion Ratio Lower Upper

65 100

67 55.8 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: VD076111.D

Acq: 15 May 2023 12:21

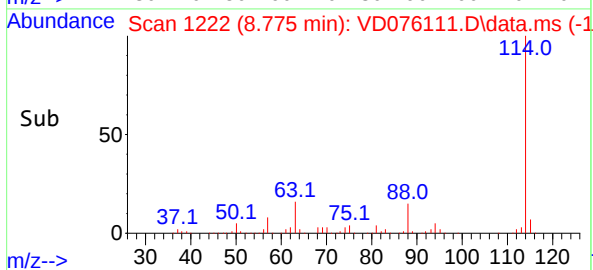
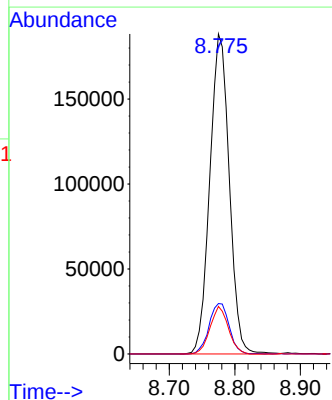
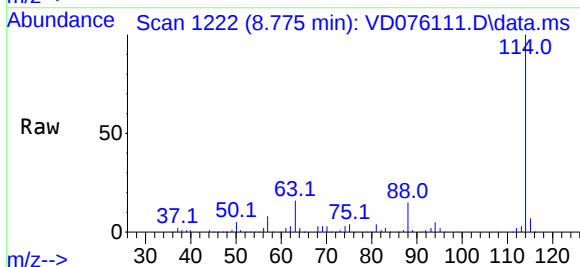
Tgt Ion: 114 Resp: 387569

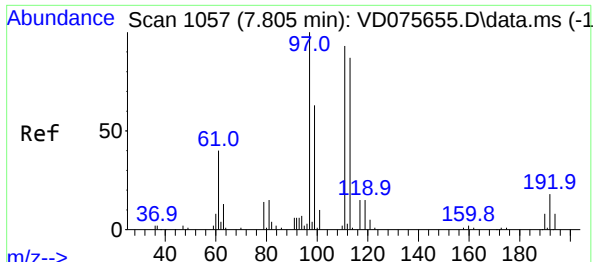
Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 14.9 0.0 30.6

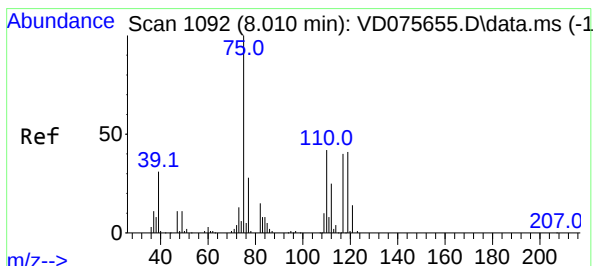
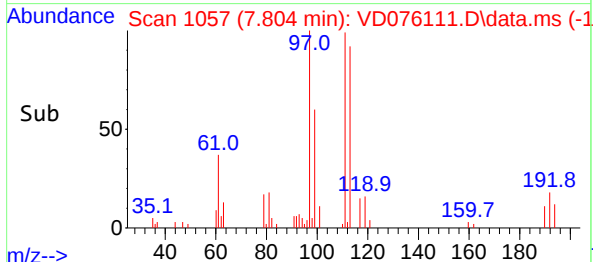
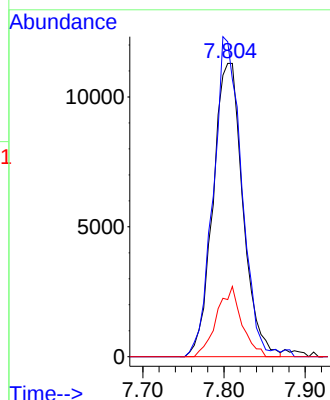
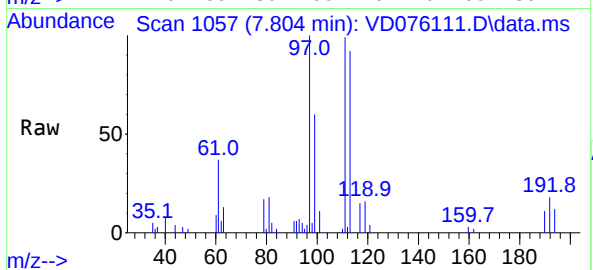




#35
Dibromofluoromethane
Concen: 10.780 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

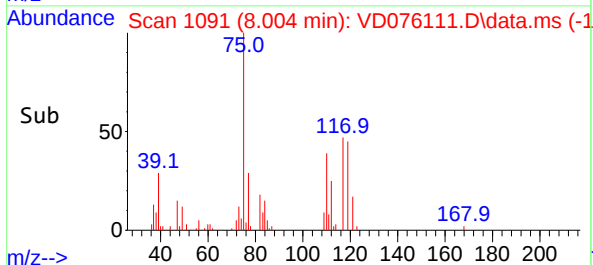
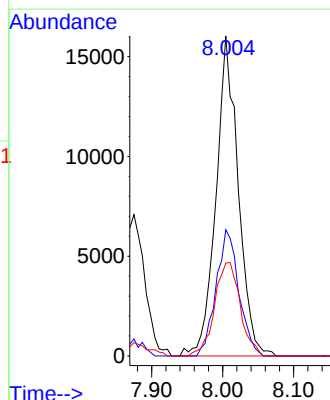
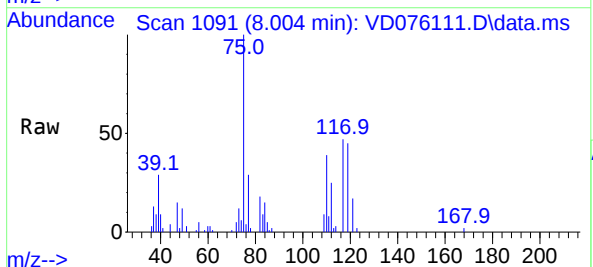
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

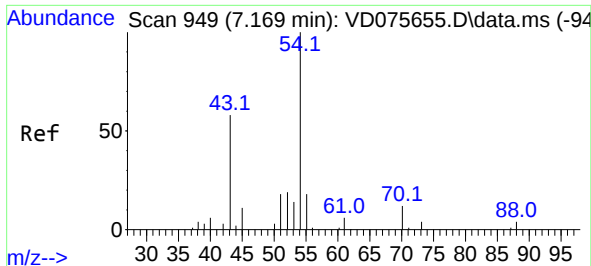
Tgt Ion:113 Resp: 28879
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 20.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 9.625 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 75 Resp: 34824
Ion Ratio Lower Upper
75 100
110 40.2 17.1 51.2
77 33.6 24.6 36.8

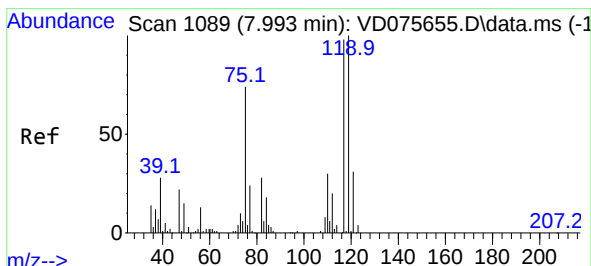
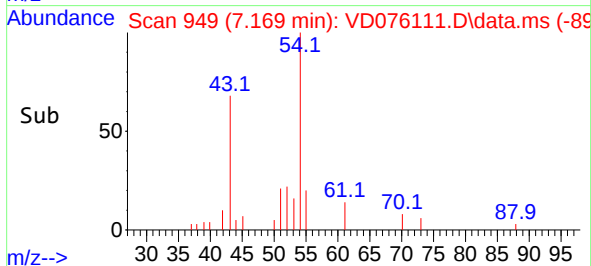
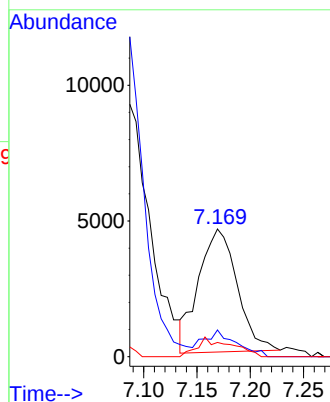
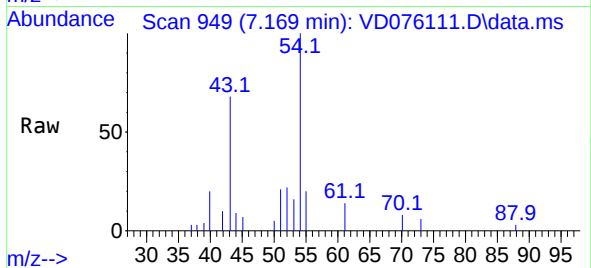




#37
Ethyl Acetate
Concen: 9.107 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

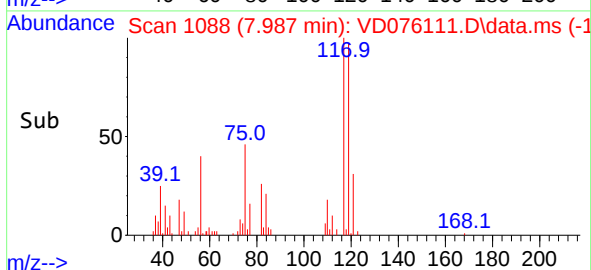
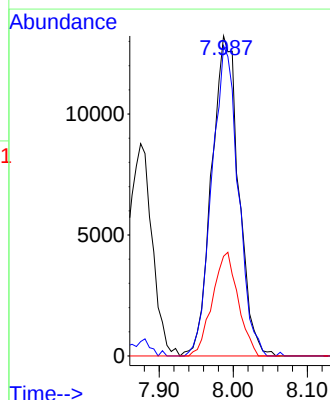
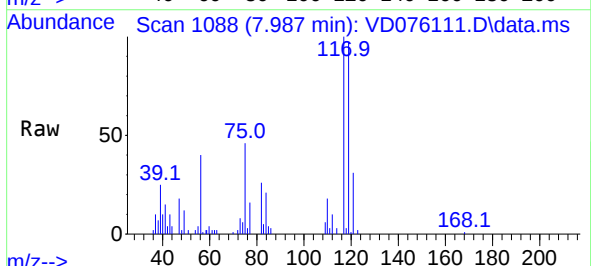
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

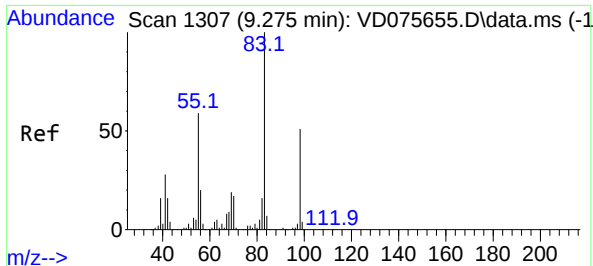
Tgt Ion: 43 Resp: 11410
Ion Ratio Lower Upper
43 100
61 17.9 0.0 0.0#
70 13.9 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 10.302 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 117 Resp: 33669
Ion Ratio Lower Upper
117 100
119 96.9 74.7 112.1
121 31.2 25.9 38.9





#39

Methylcyclohexane

Concen: 9.492 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

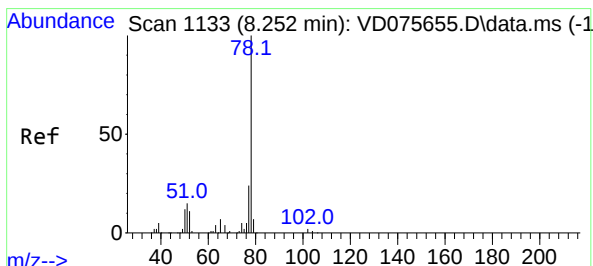
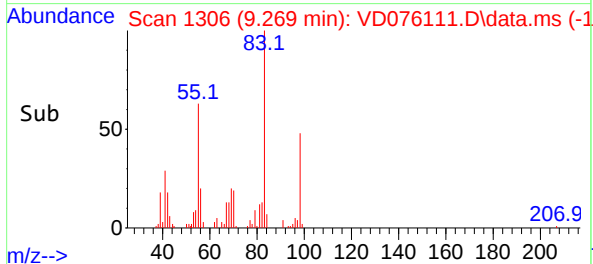
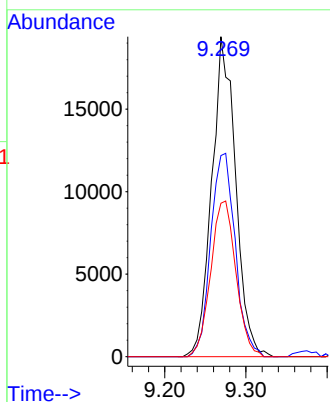
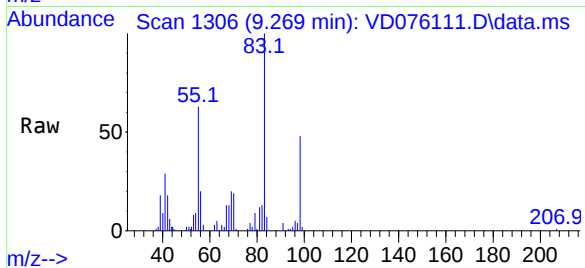
Tgt Ion: 83 Resp: 39541

Ion Ratio Lower Upper

83 100

55 62.9 56.8 85.2

98 48.0 38.9 58.3



#40

Benzene

Concen: 10.004 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076111.D

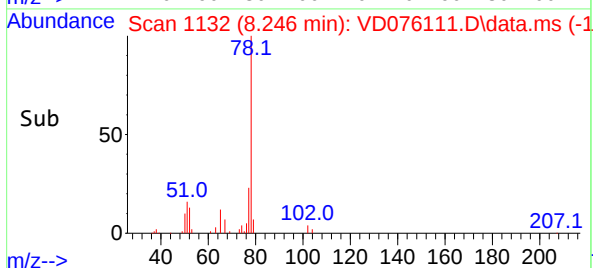
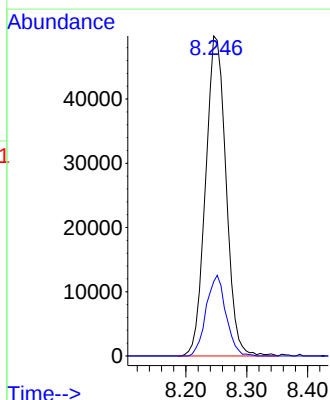
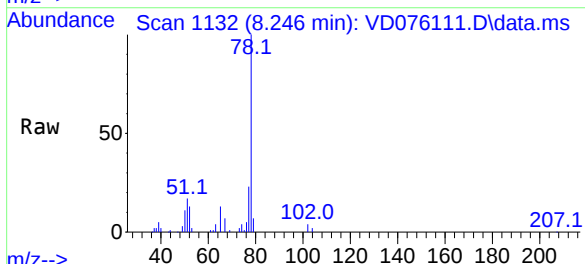
Acq: 15 May 2023 12:21

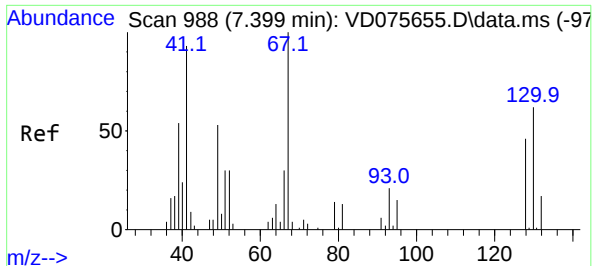
Tgt Ion: 78 Resp: 116372

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

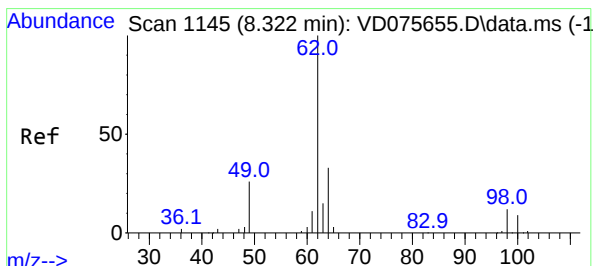
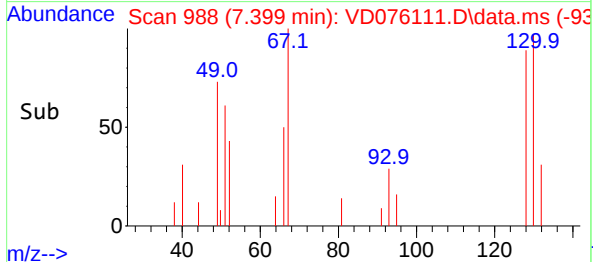
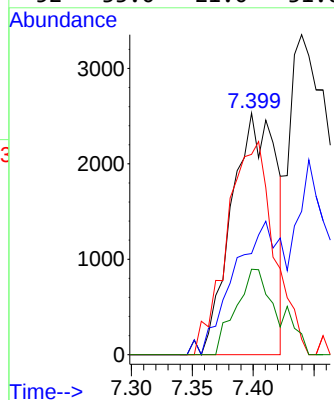
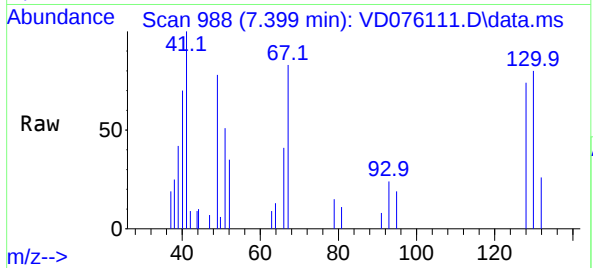




#41
Methacrylonitrile
Concen: 9.488 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

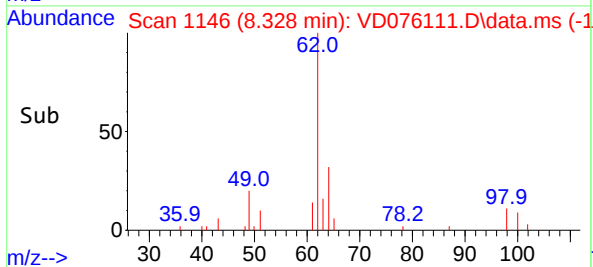
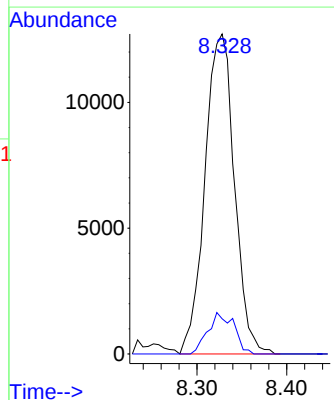
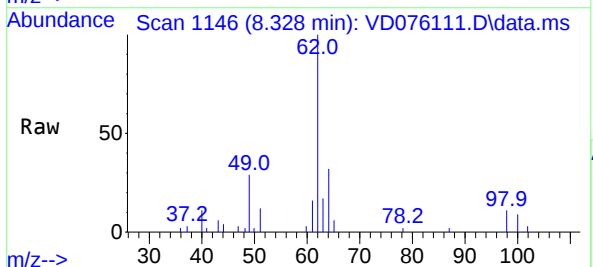
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

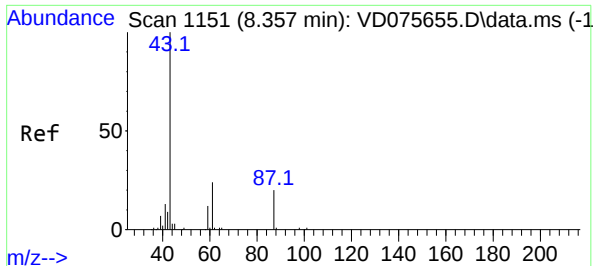
Tgt Ion: 41 Resp: 6518
Ion Ratio Lower Upper
41 100
39 59.8 45.3 67.9
67 92.1 50.5 75.7#
52 33.0 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 10.544 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 62 Resp: 29011
Ion Ratio Lower Upper
62 100
98 11.4 0.0 18.8

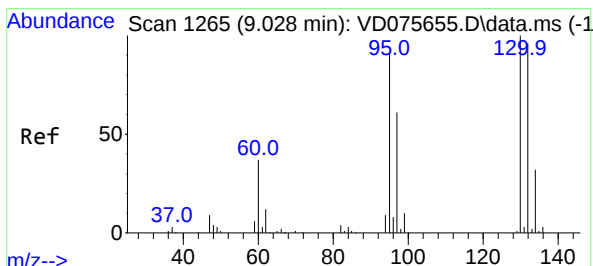
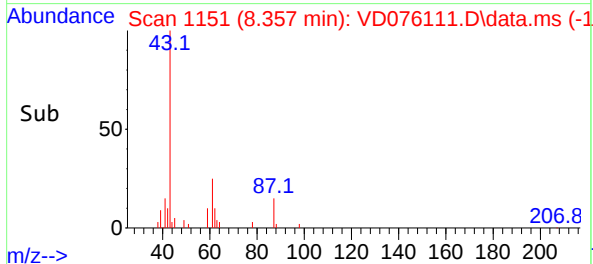
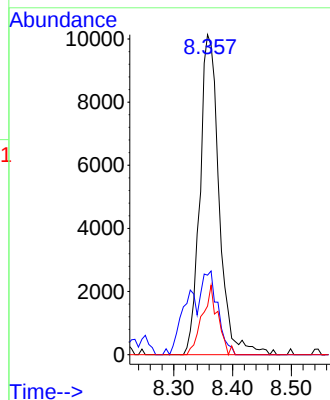
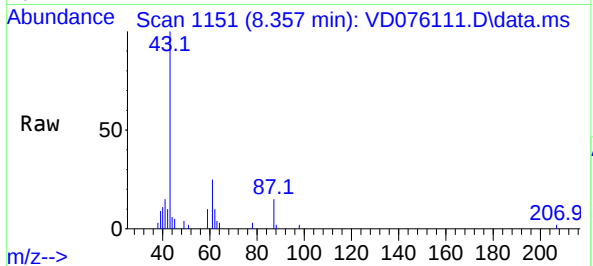




#43
Isopropyl Acetate
Concen: 9.847 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

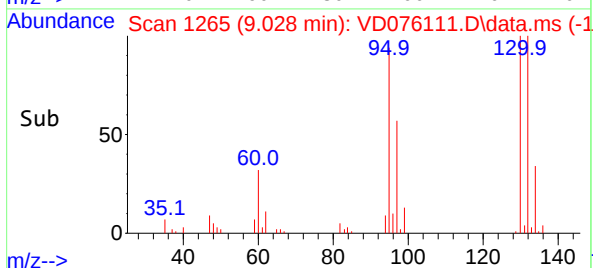
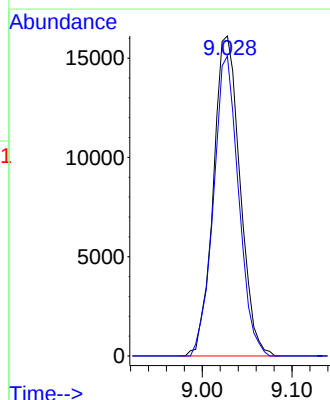
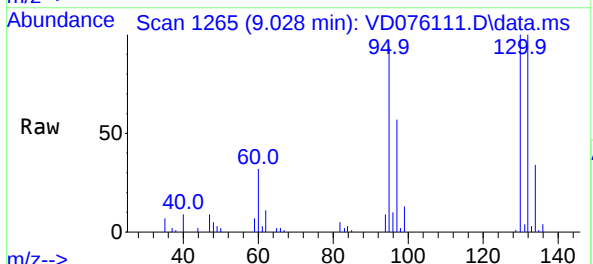
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

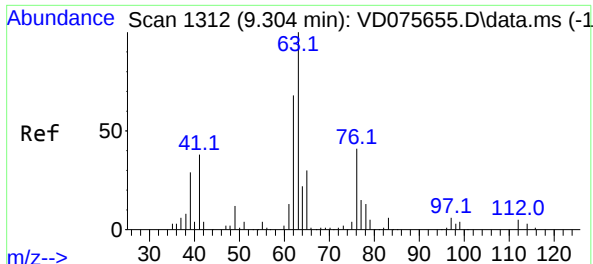
Tgt Ion: 43 Resp: 23046
Ion Ratio Lower Upper
43 100
61 22.7 23.4 35.0#
87 17.7 9.5 14.3#



#44
Trichloroethene
Concen: 10.149 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:130 Resp: 33271
Ion Ratio Lower Upper
130 100
95 93.8 0.0 197.6

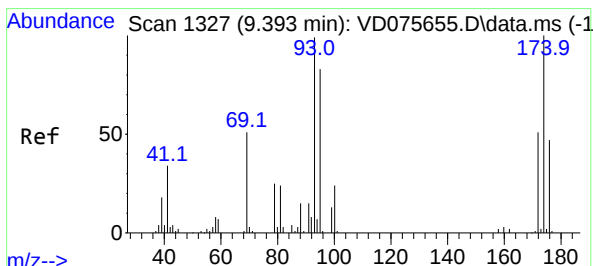
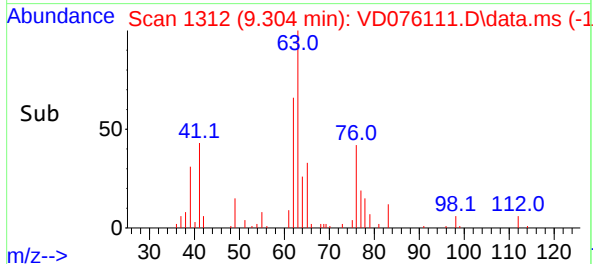
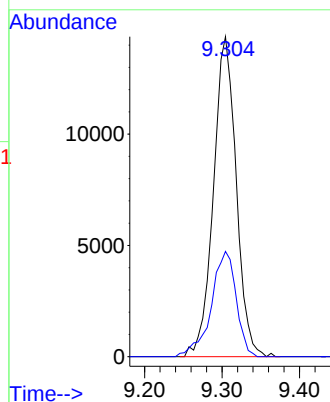
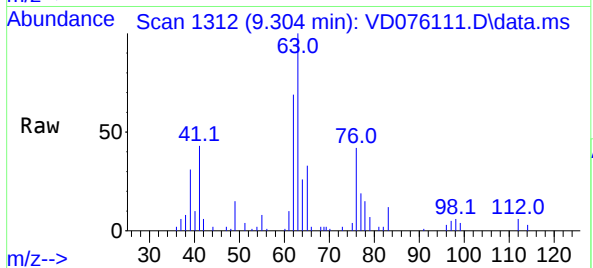




#45
1,2-Dichloropropane
Concen: 10.232 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

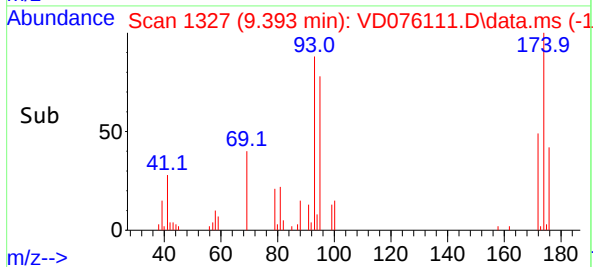
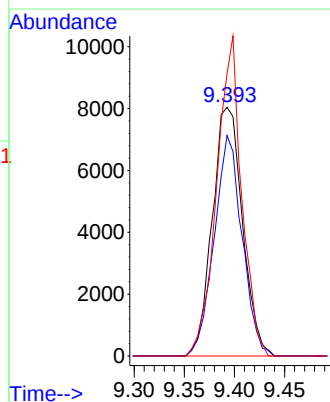
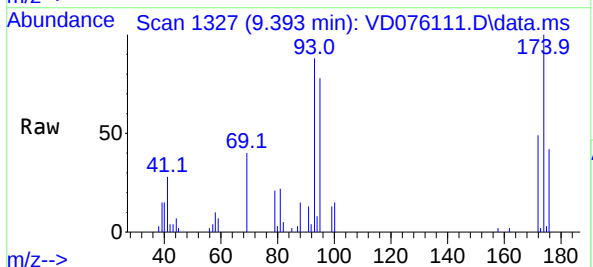
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

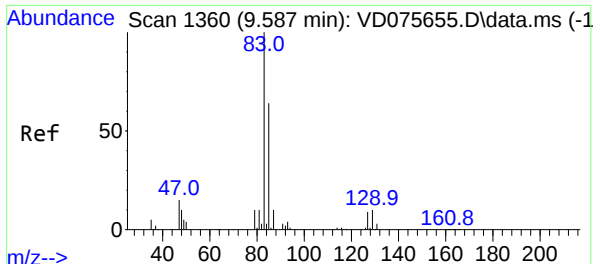
Tgt Ion: 63 Resp: 29358
Ion Ratio Lower Upper
63 100
65 32.9 23.0 34.4



#46
Dibromomethane
Concen: 10.424 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 93 Resp: 16764
Ion Ratio Lower Upper
93 100
95 82.2 64.5 96.7
174 106.6 76.2 114.4

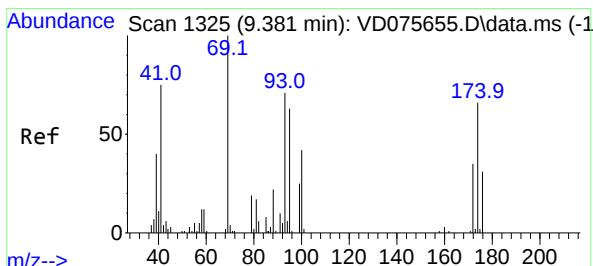
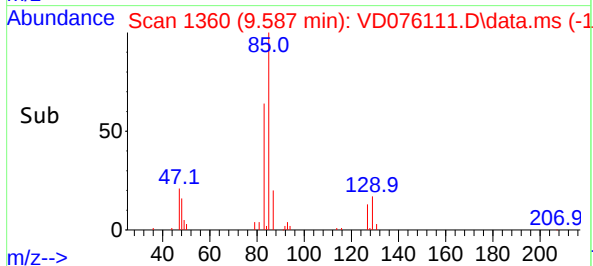
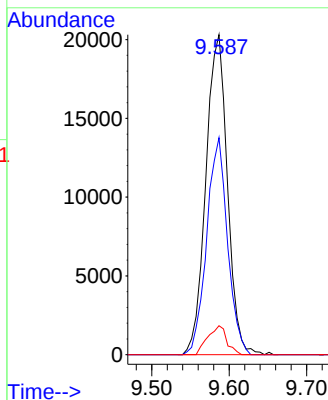
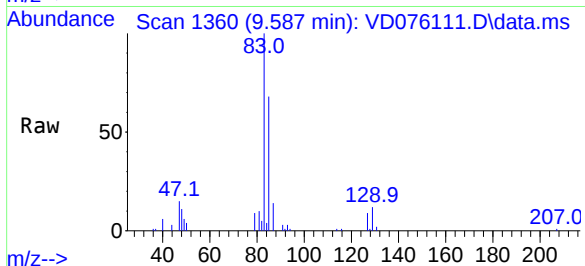




#47
Bromodichloromethane
Concen: 10.188 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

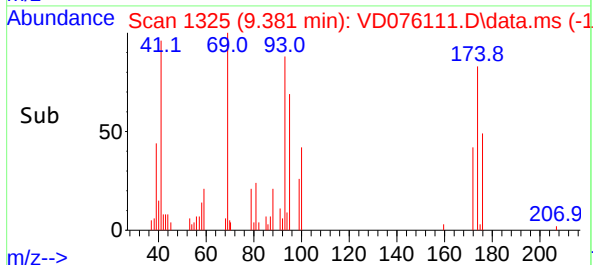
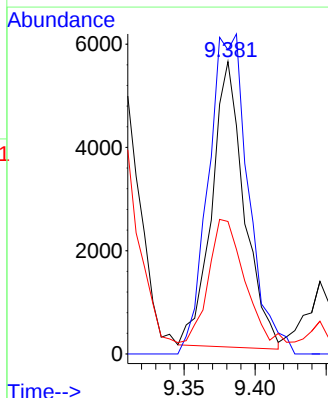
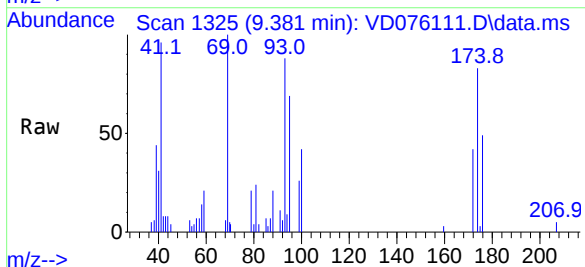
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

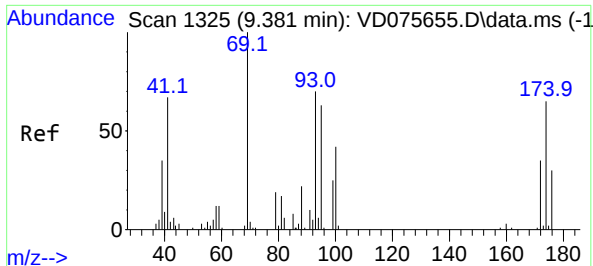
Tgt Ion:	83	Resp:	39378
Ion	Ratio	Lower	Upper
83	100		
85	67.8	53.7	80.5
127	9.1	7.0	10.6



#48
Methyl methacrylate
Concen: 8.531 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:	41	Resp:	8837
Ion	Ratio	Lower	Upper
41	100		
69	138.0	58.6	88.0#
39	58.0	53.4	80.0

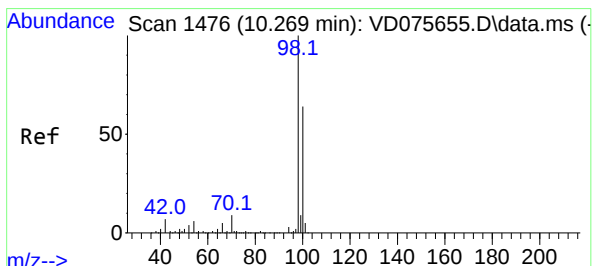
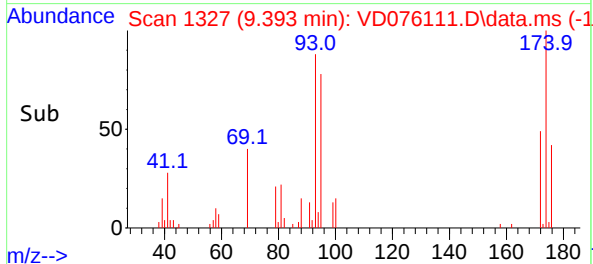
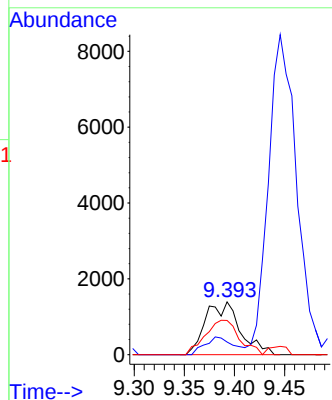
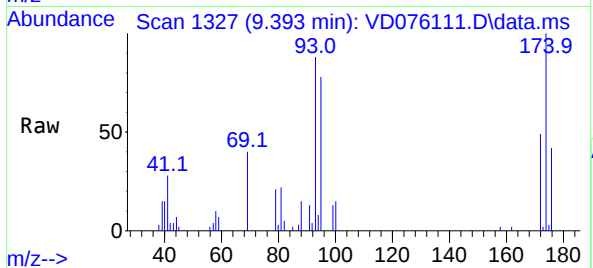




#49
1,4-Dioxane
Concen: 194.034 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

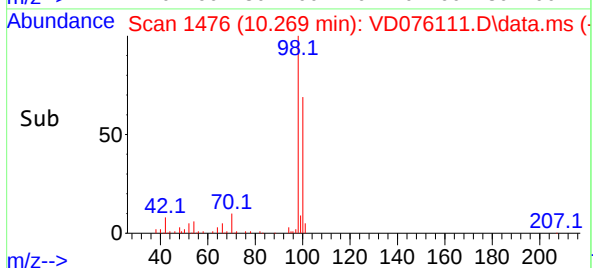
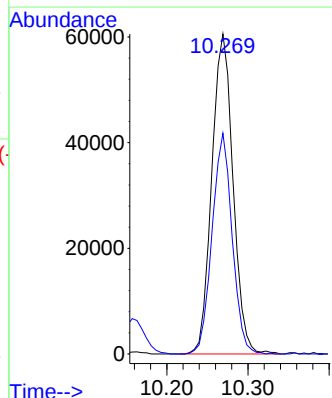
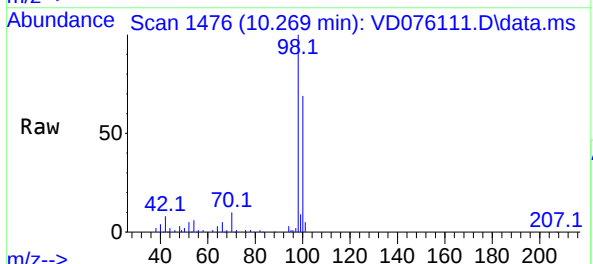
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

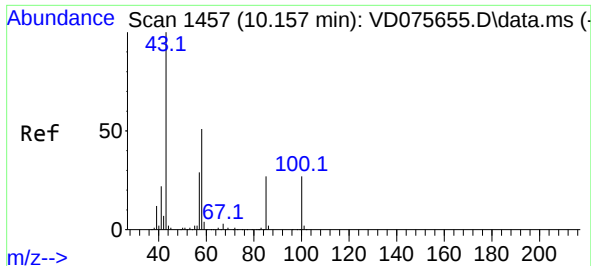
Tgt Ion: 88 Resp: 3337
Ion Ratio Lower Upper
88 100
43 27.9 34.6 51.8#
58 63.7 58.0 87.0



#50
Toluene-d8
Concen: 10.528 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 98 Resp: 109945
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

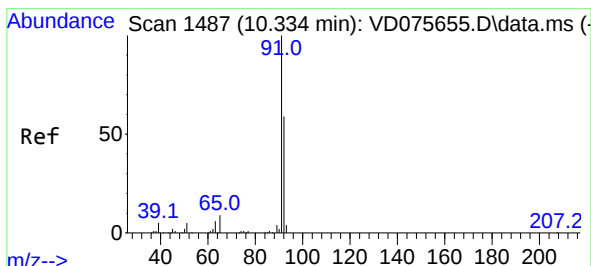
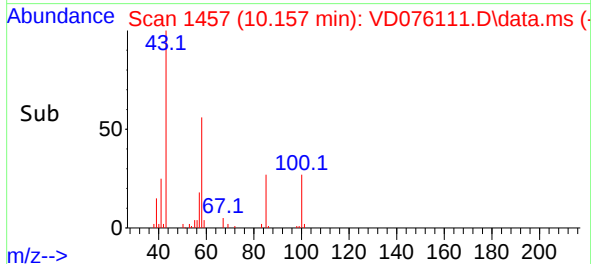
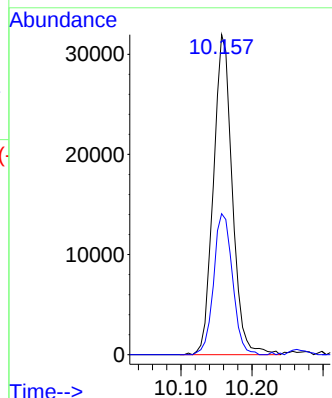
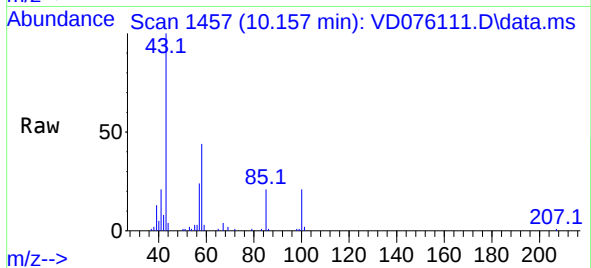




#51
4-Methyl-2-Pentanone
Concen: 47.327 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

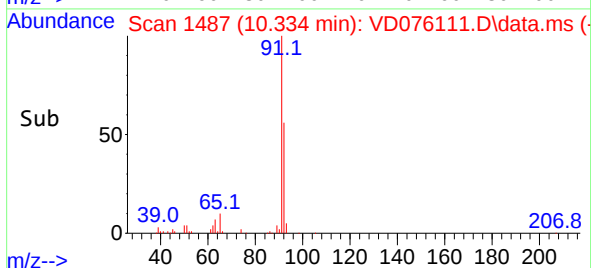
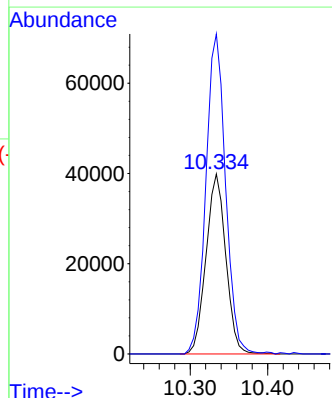
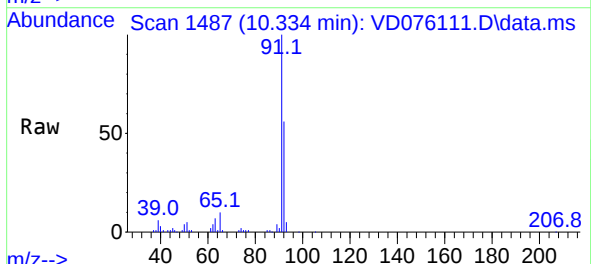
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

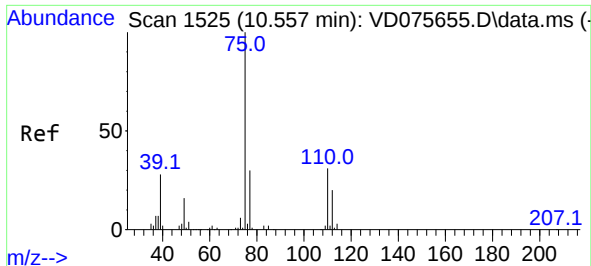
Tgt Ion: 43 Resp: 58909
Ion Ratio Lower Upper
43 100
58 43.9 29.5 44.3



#52
Toluene
Concen: 9.729 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 92 Resp: 70682
Ion Ratio Lower Upper
92 100
91 176.1 136.5 204.7

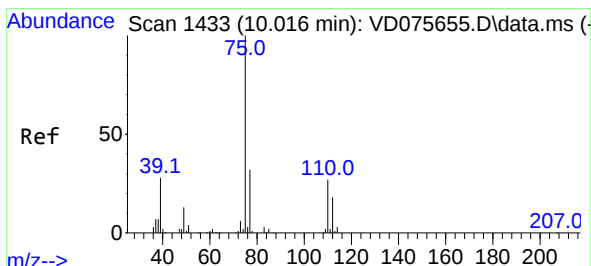
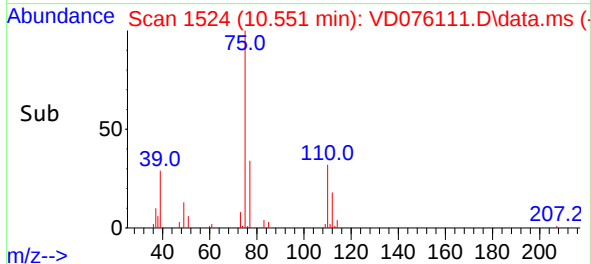
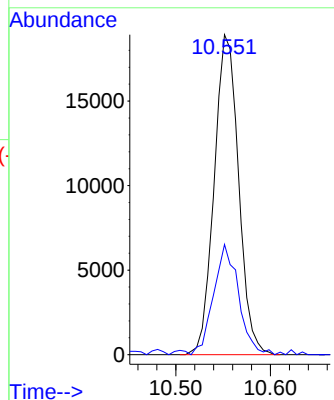
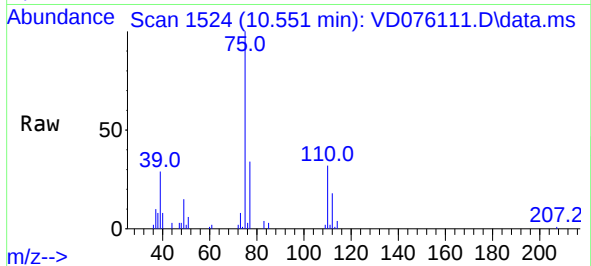




#53
t-1,3-Dichloropropene
Concen: 9.727 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

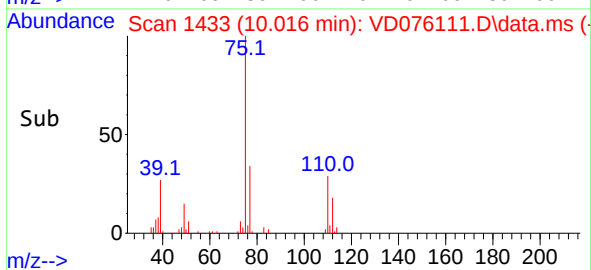
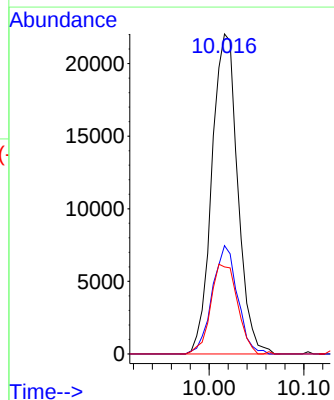
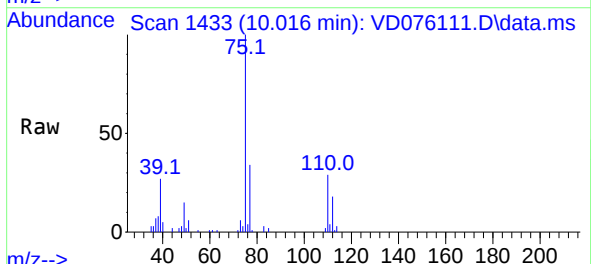
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

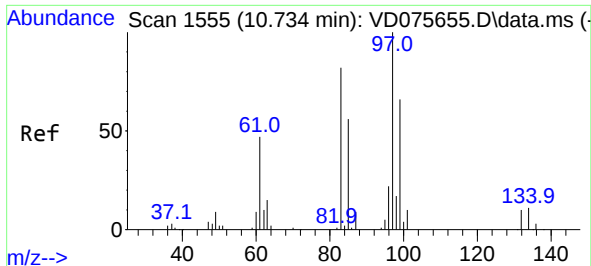
Tgt Ion: 75 Resp: 33885
Ion Ratio Lower Upper
75 100
77 33.7 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 9.818 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

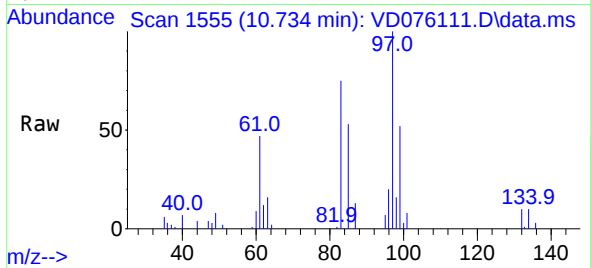
Tgt Ion: 75 Resp: 41739
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4
39 27.2 44.8 67.2#



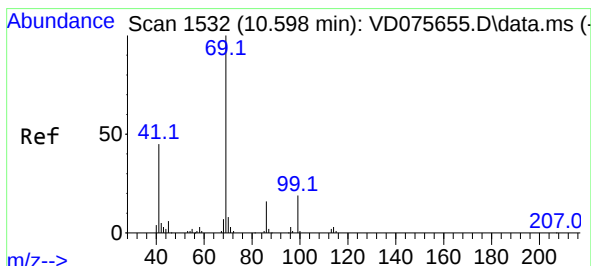
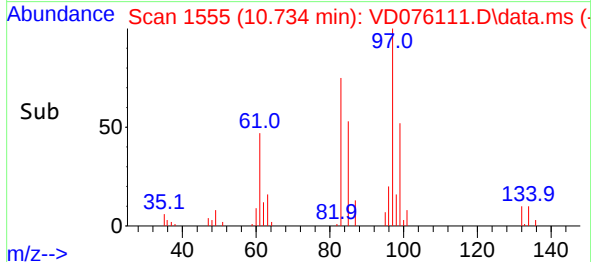
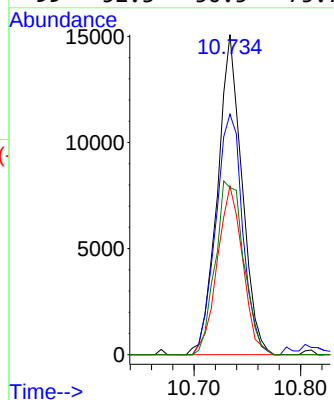


#55
1,1,2-Trichloroethane
Concen: 10.455 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

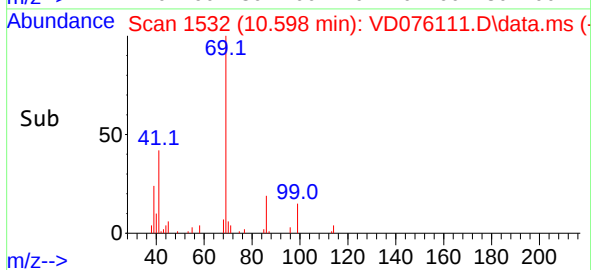
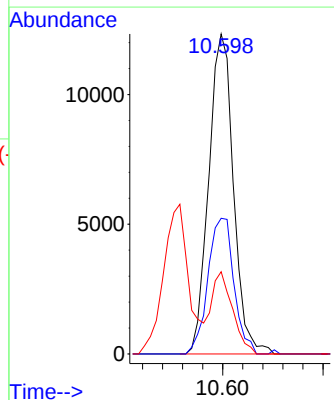
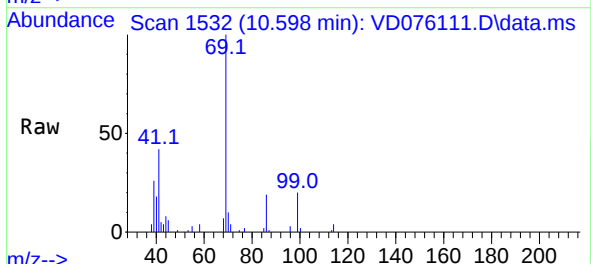


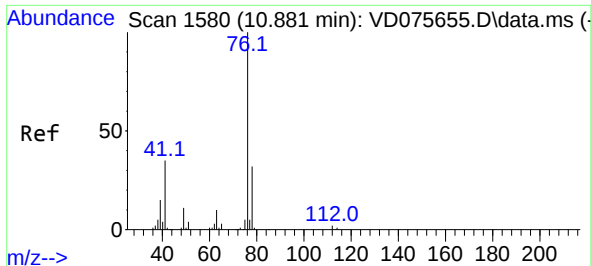
Tgt Ion: 97	Resp: 24113
Ion Ratio	Lower Upper
97 100	
83 75.1	74.2 111.4
85 52.7	45.4 68.0
99 52.3	50.5 75.7



#56
Ethyl methacrylate
Concen: 9.123 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 69	Resp: 21149
Ion Ratio	Lower Upper
69 100	
41 44.6	59.3 88.9#
39 22.1	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 10.102 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

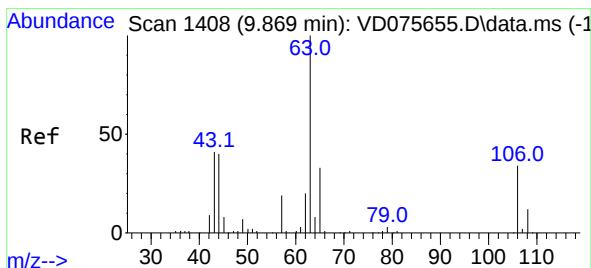
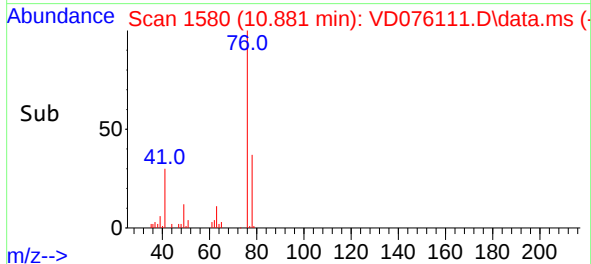
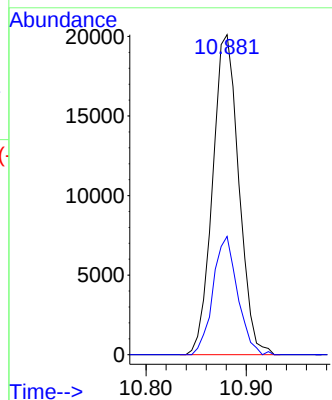
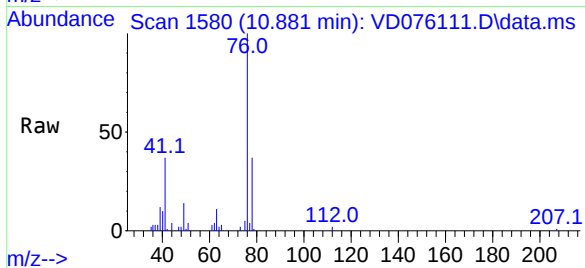
VSTDIC010

Tgt Ion: 76 Resp: 36551

Ion Ratio Lower Upper

76 100

78 34.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 45.856 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076111.D

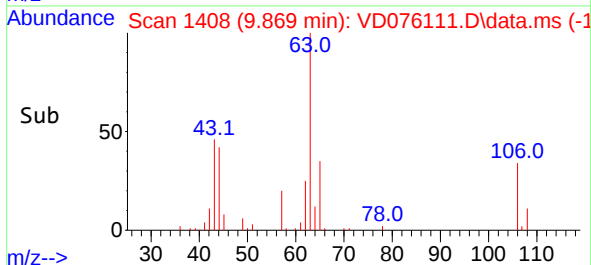
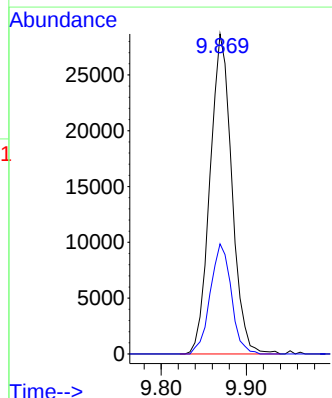
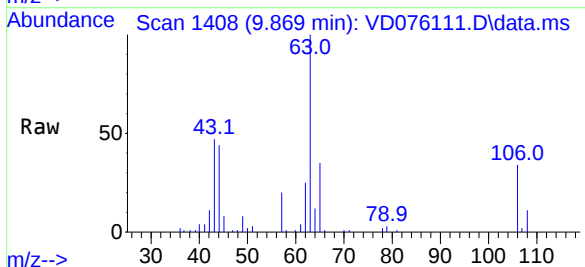
Acq: 15 May 2023 12:21

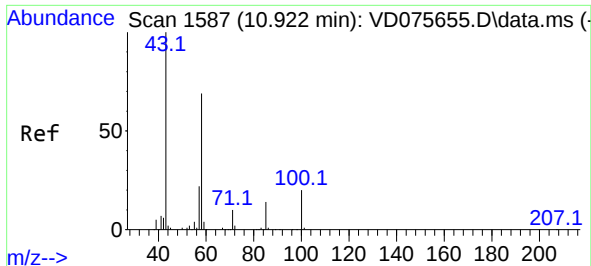
Tgt Ion: 63 Resp: 51003

Ion Ratio Lower Upper

63 100

106 33.1 21.4 32.2#

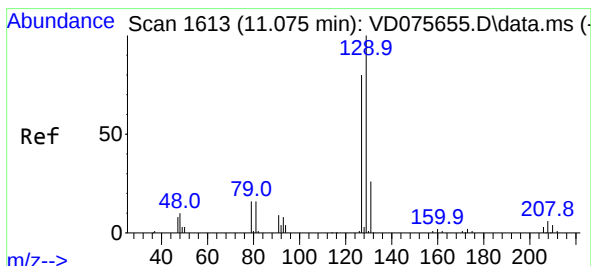
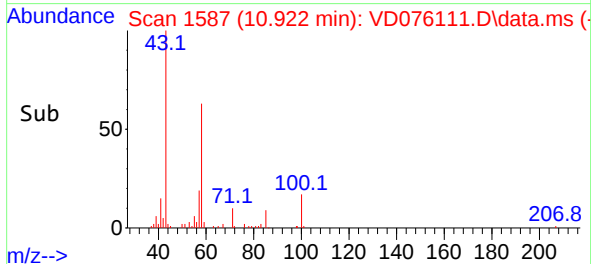
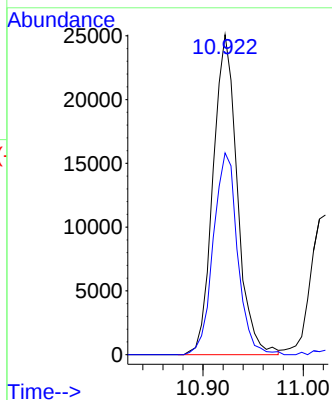
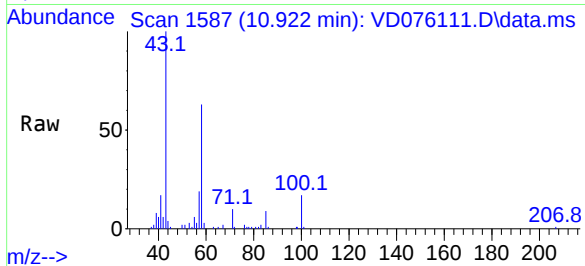




#59
2-Hexanone
Concen: 47.846 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

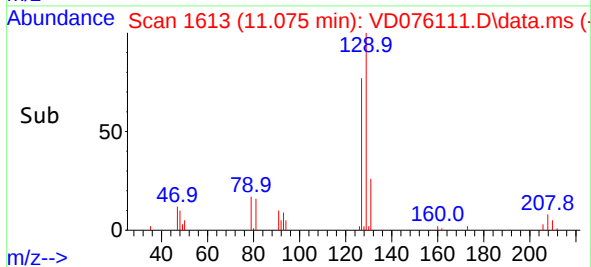
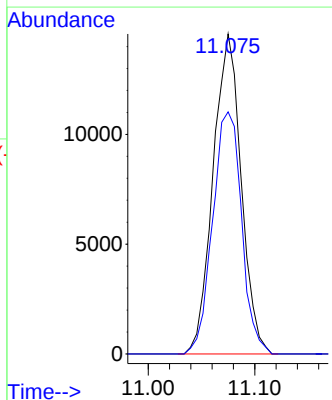
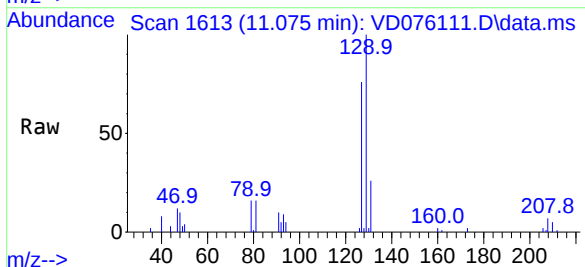
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

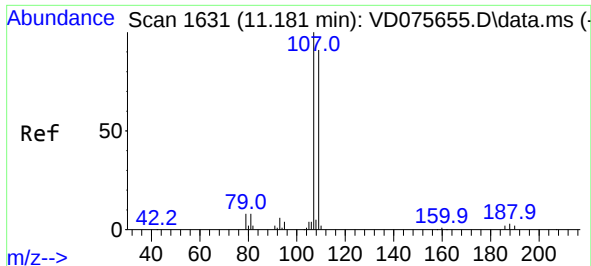
Tgt Ion: 43 Resp: 42000
Ion Ratio Lower Upper
43 100
58 63.3 25.3 75.8



#60
Dibromochloromethane
Concen: 10.285 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 129 Resp: 26672
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.5

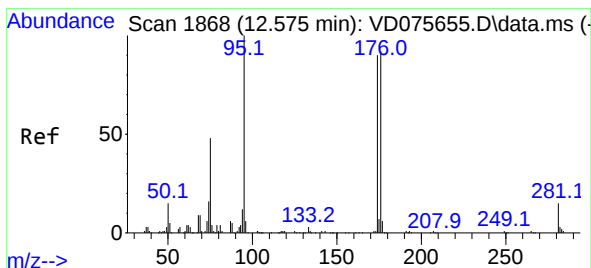
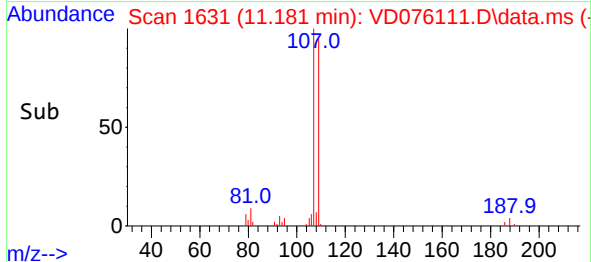
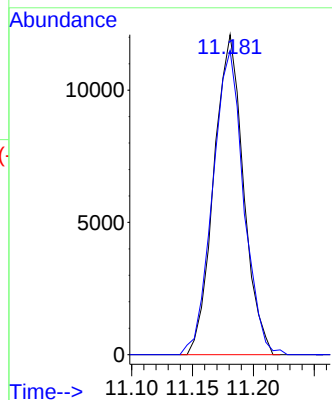
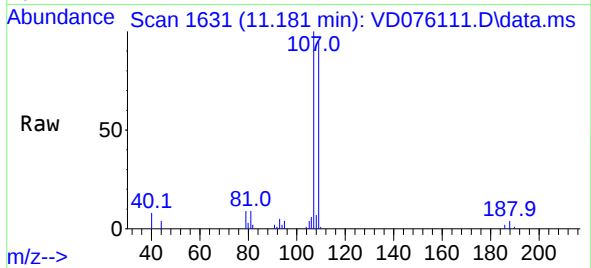




#61
1,2-Dibromoethane
Concen: 9.964 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

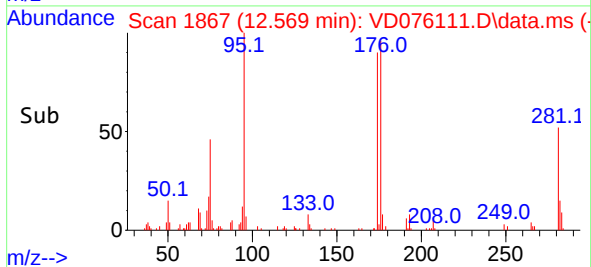
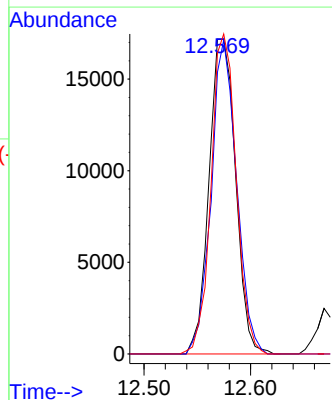
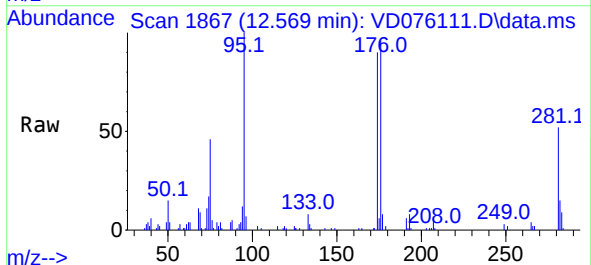
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

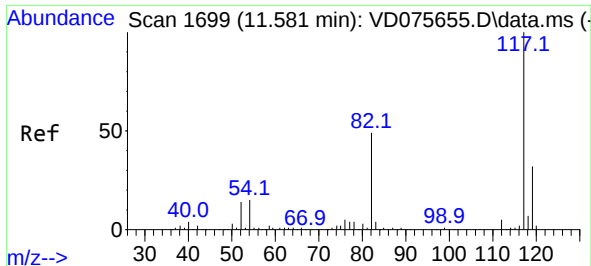
Tgt Ion:107 Resp: 20441
Ion Ratio Lower Upper
107 100
109 99.5 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 10.267 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 95 Resp: 29783
Ion Ratio Lower Upper
95 100
174 95.3 0.0 164.0
176 96.1 0.0 156.8

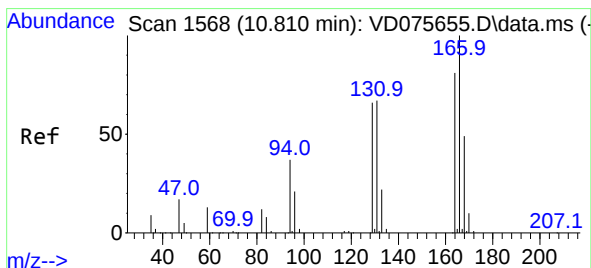
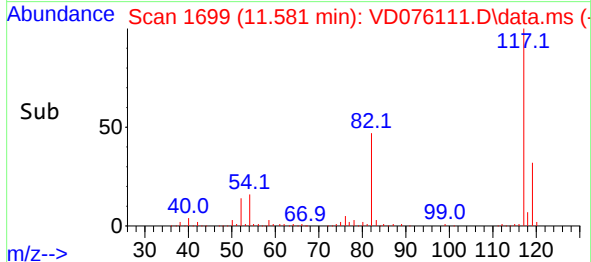
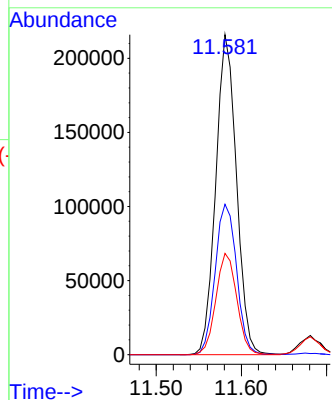
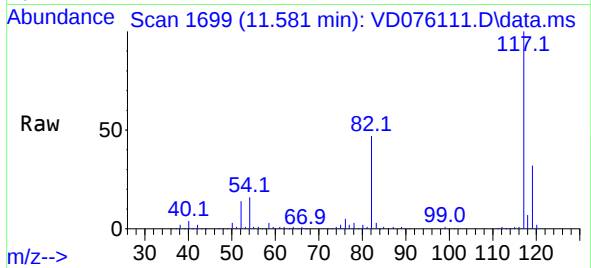




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

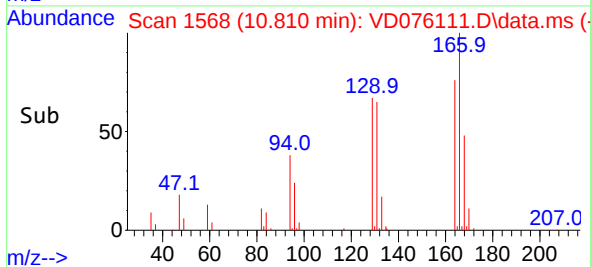
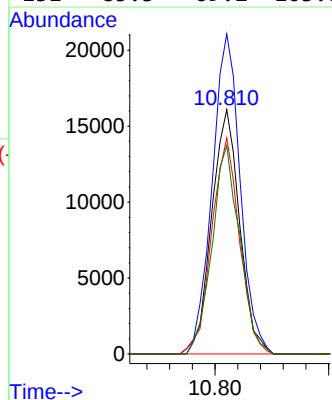
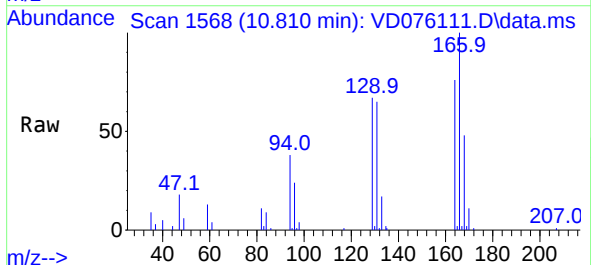
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

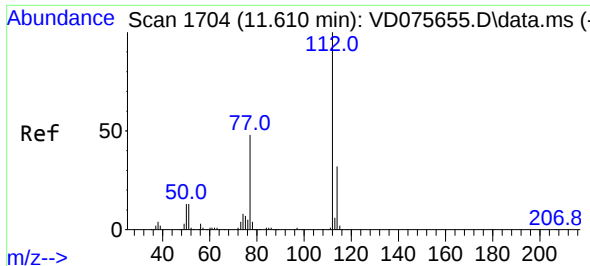
Tgt Ion:117 Resp: 364551
Ion Ratio Lower Upper
117 100
82 47.0 44.0 66.0
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 9.792 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:164 Resp: 27451
Ion Ratio Lower Upper
164 100
166 130.9 94.9 142.3
129 88.3 73.0 109.6
131 85.3 69.2 103.8

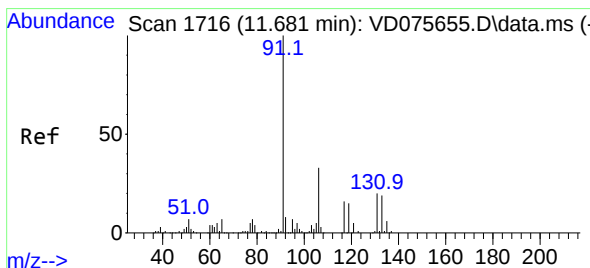
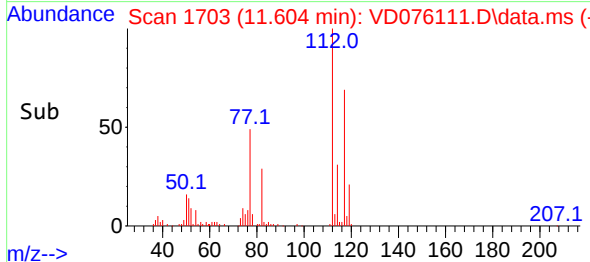
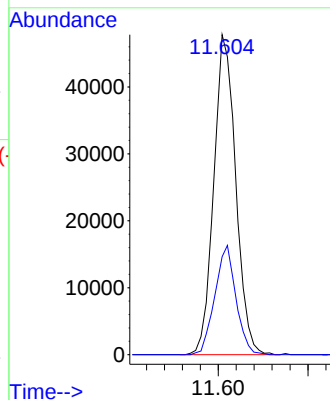
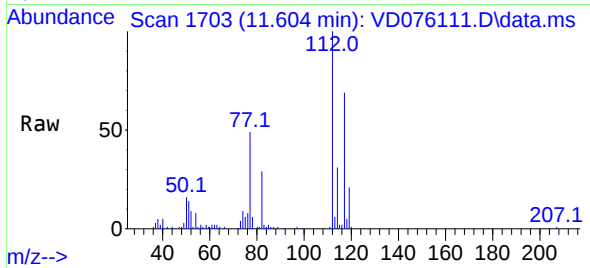




#65
Chlorobenzene
Concen: 9.772 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

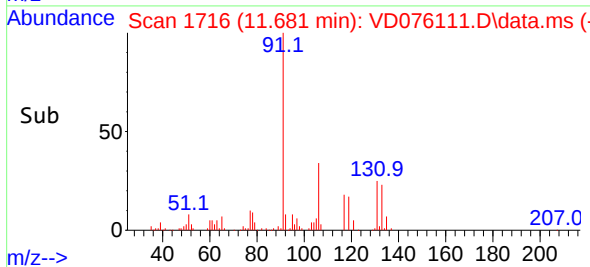
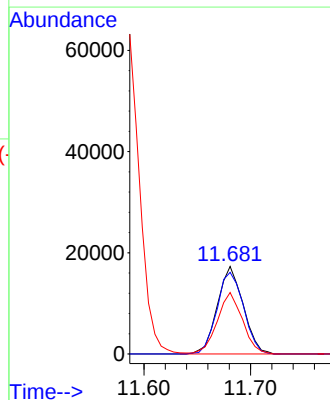
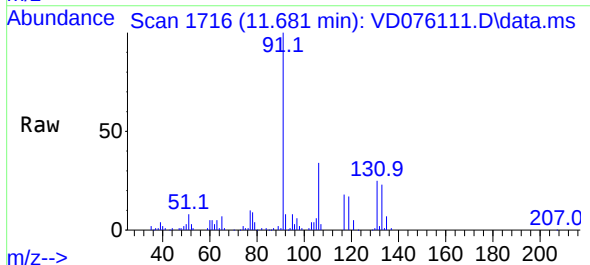
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

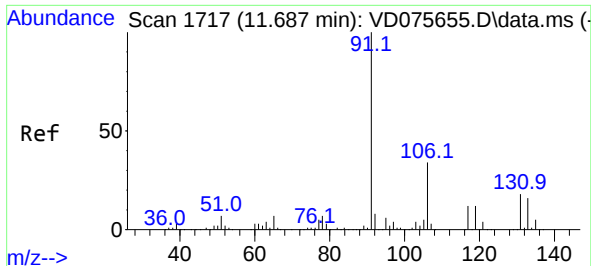
Tgt Ion:112 Resp: 81104
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 10.199 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:131 Resp: 29128
Ion Ratio Lower Upper
131 100
133 96.1 46.7 140.0
119 68.4 31.9 95.9

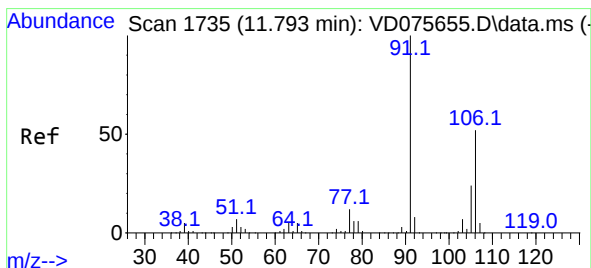
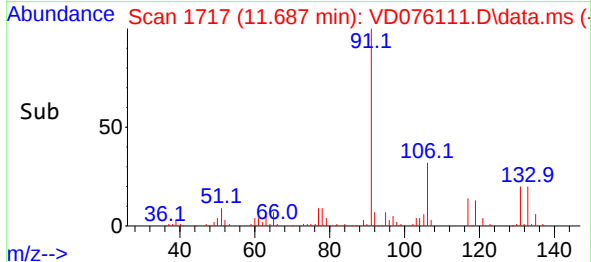
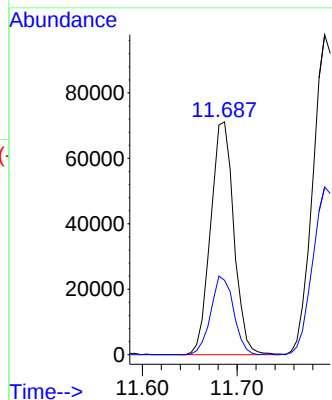
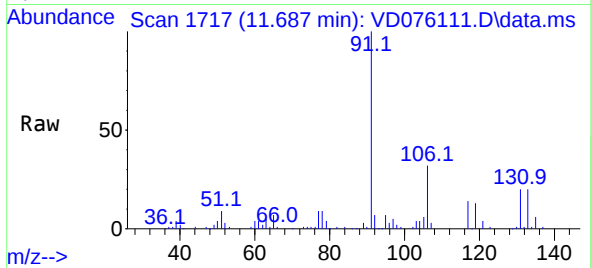




#67
Ethyl Benzene
Concen: 9.154 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

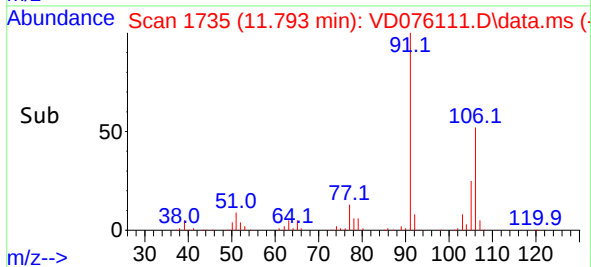
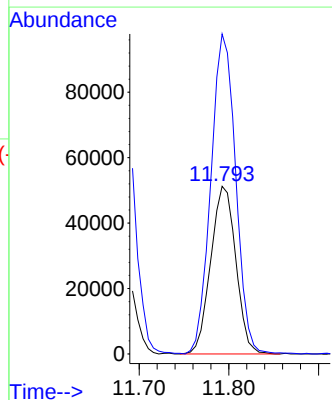
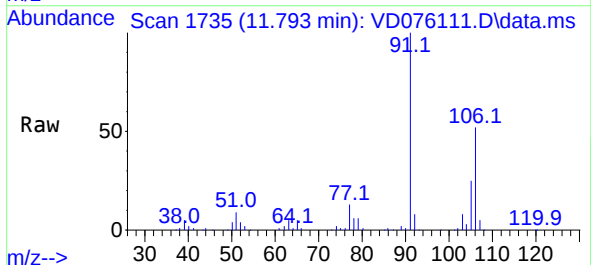
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

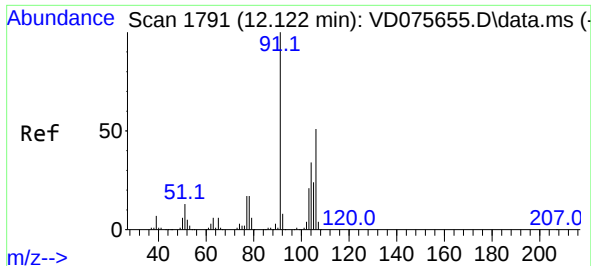
Tgt Ion: 91 Resp: 121400
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 18.360 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:106 Resp: 99511
Ion Ratio Lower Upper
106 100
91 188.9 161.5 242.3

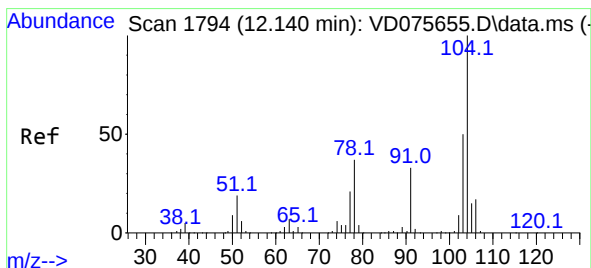
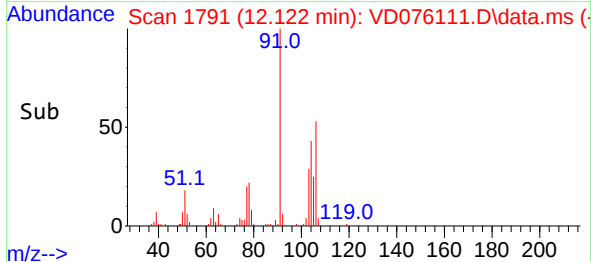
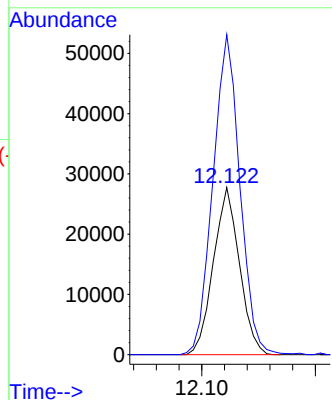
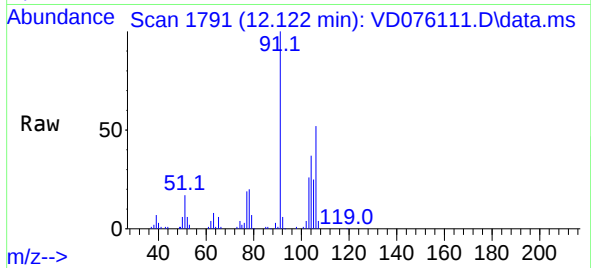




#69
o-Xylene
Concen: 8.917 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

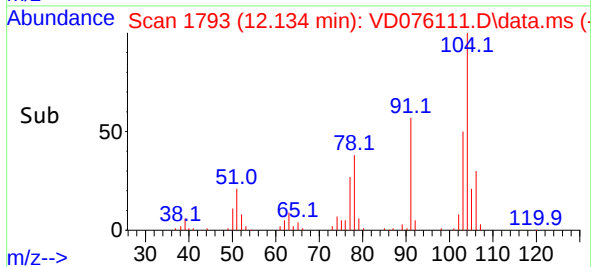
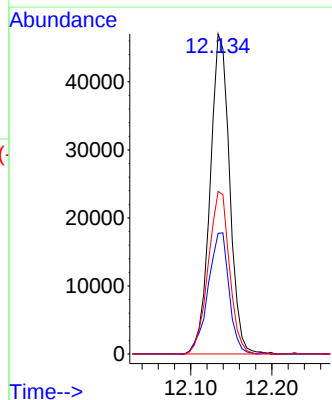
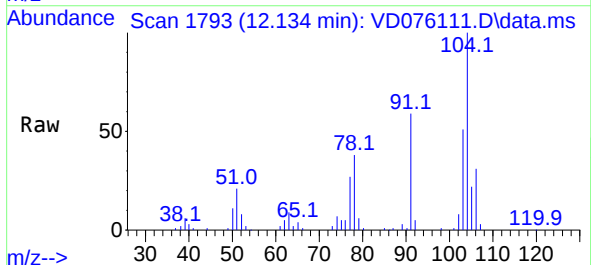
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

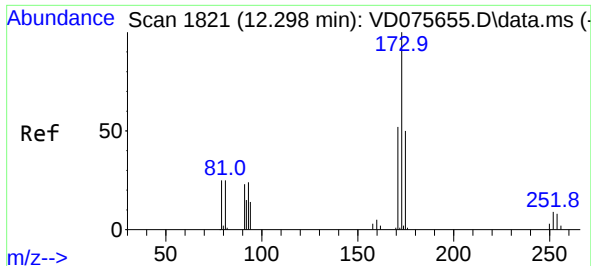
Tgt Ion:106 Resp: 44099
Ion Ratio Lower Upper
106 100
91 198.1 105.7 317.1



#70
Styrene
Concen: 9.156 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:104 Resp: 78508
Ion Ratio Lower Upper
104 100
78 40.7 40.2 60.4
103 55.0 44.2 66.2

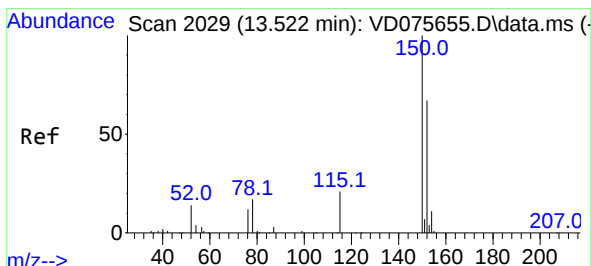
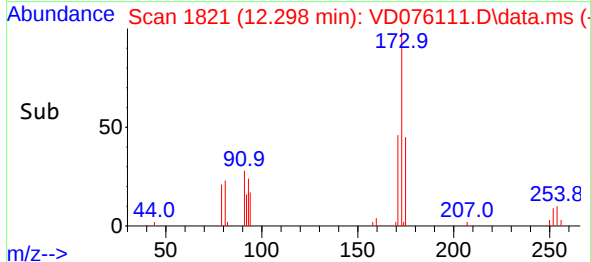
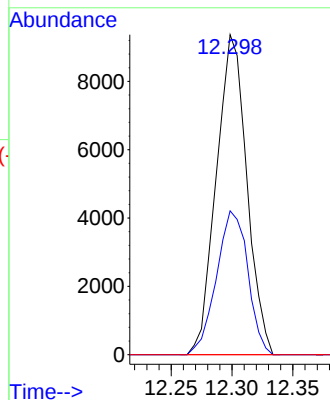
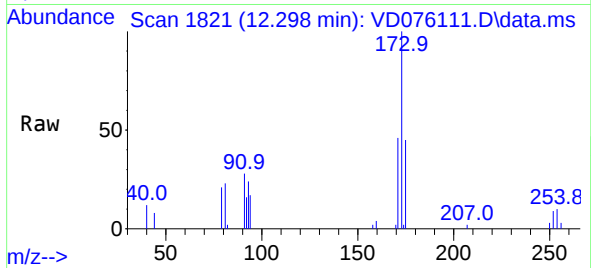




#71
Bromoform
Concen: 10.155 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

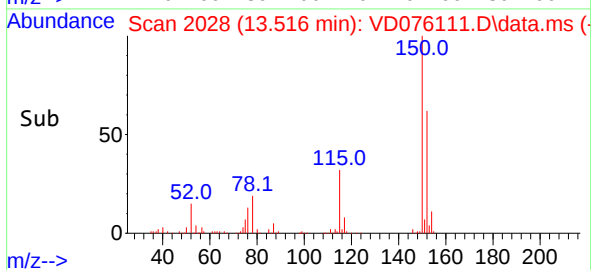
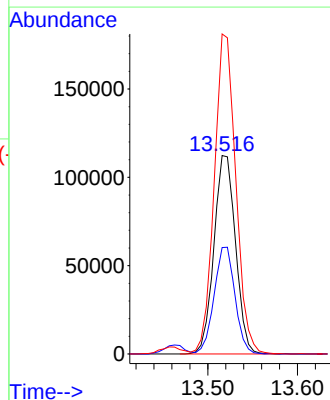
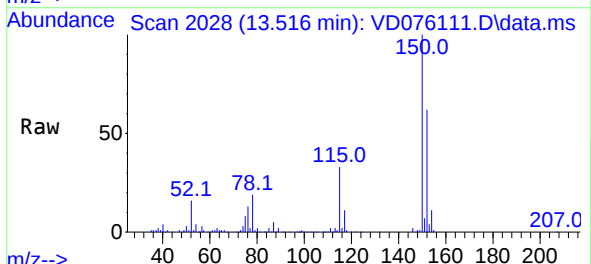
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

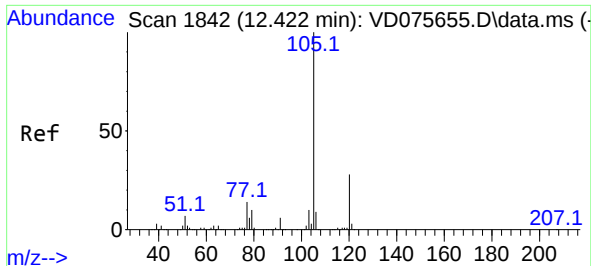
Tgt Ion:173 Resp: 16314
Ion Ratio Lower Upper
173 100
175 46.2 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:152 Resp: 187793
Ion Ratio Lower Upper
152 100
115 52.0 30.1 90.3
150 160.9 0.0 364.8

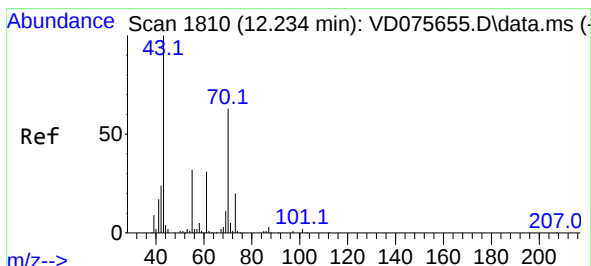
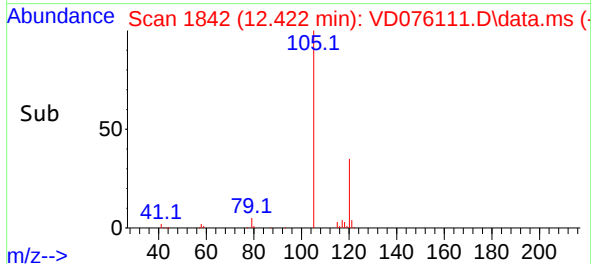
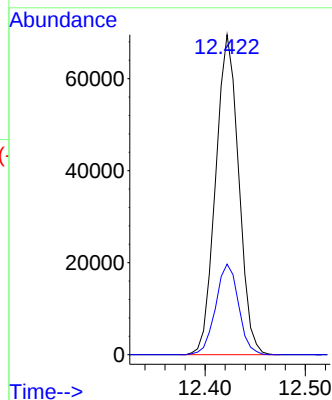
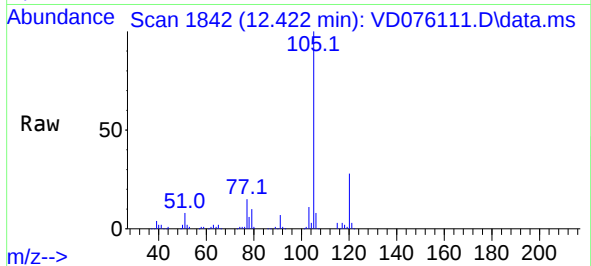




#73
Isopropylbenzene
Concen: 8.936 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

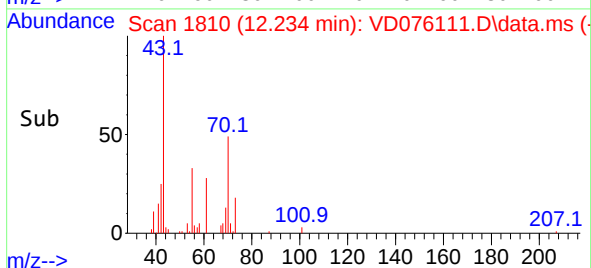
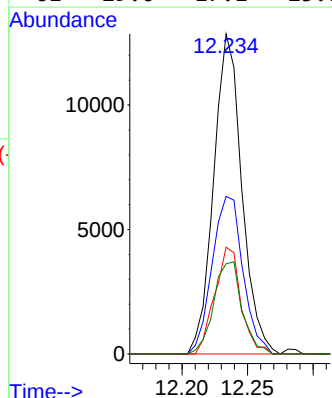
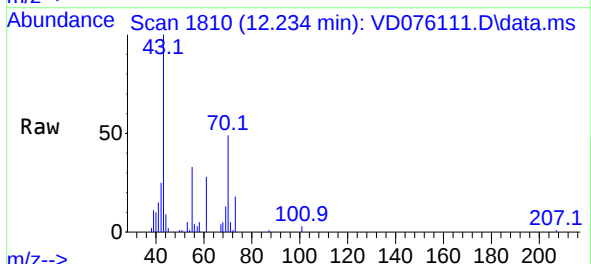
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

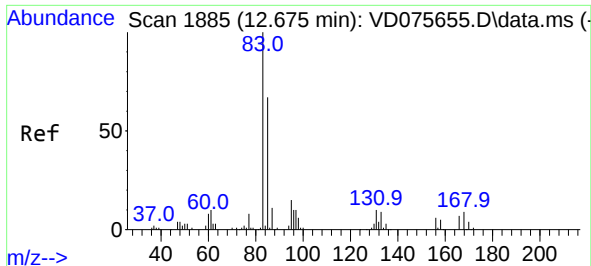
Tgt Ion:105 Resp: 111005
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1



#74
N-ethyl acetate
Concen: 8.679 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 43 Resp: 19205
Ion Ratio Lower Upper
43 100
70 53.8 31.0 46.4#
55 31.0 18.6 28.0#
61 29.0 17.1 25.7#

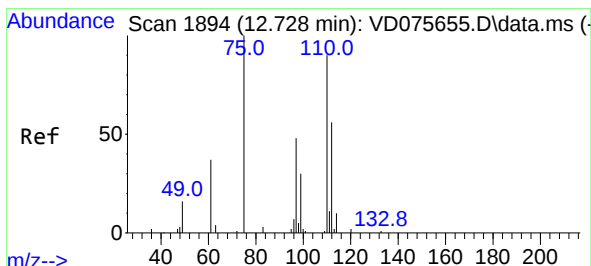
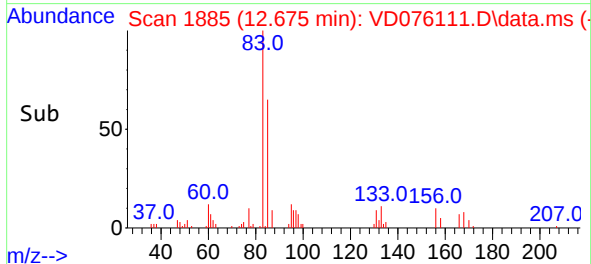
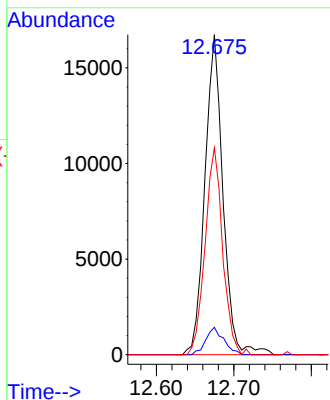
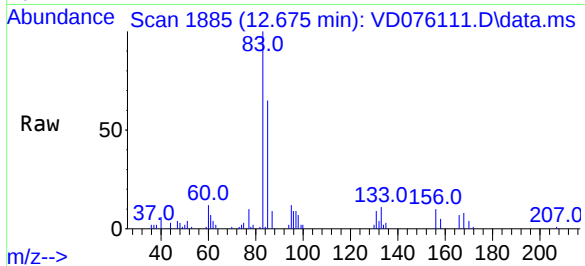




#75
1,1,2,2-Tetrachloroethane
Concen: 10.145 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

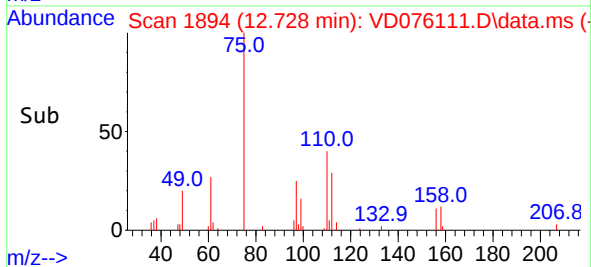
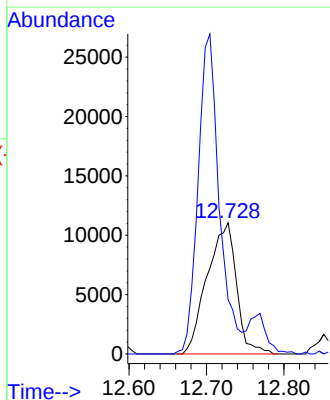
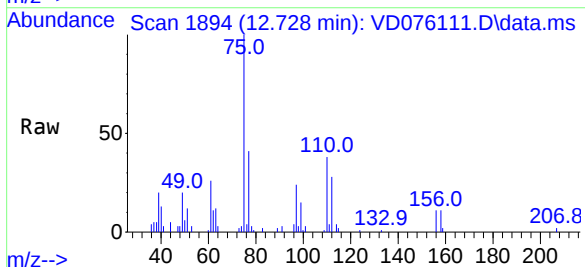
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

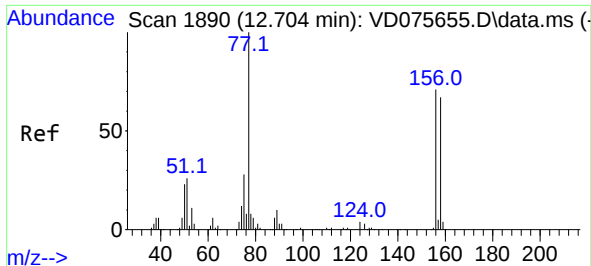
Tgt Ion: 83 Resp: 27087
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.2
85 62.9 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 17.634 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 75 Resp: 28979
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

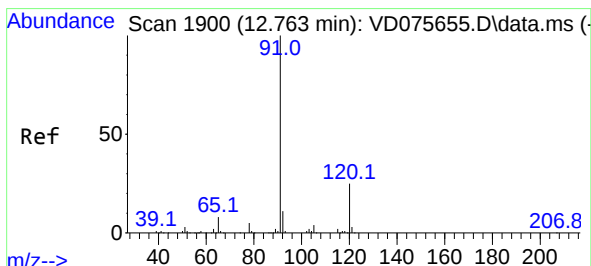
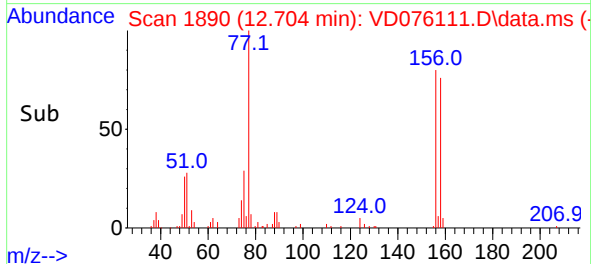
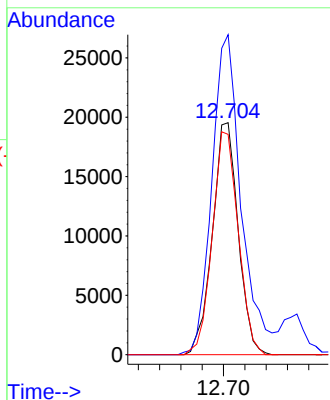
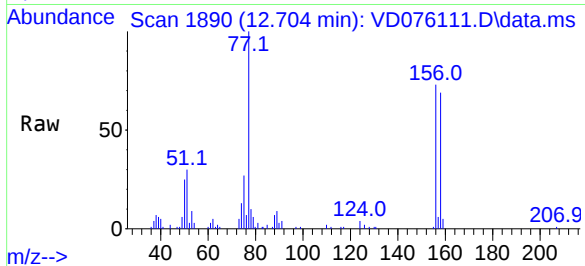




#77
Bromobenzene
Concen: 9.839 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

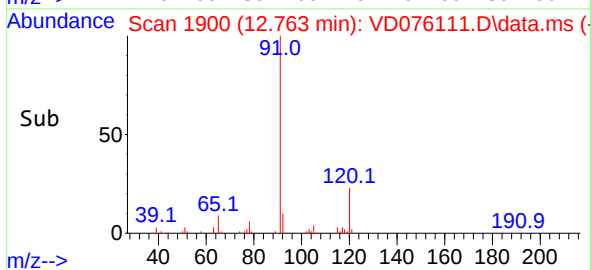
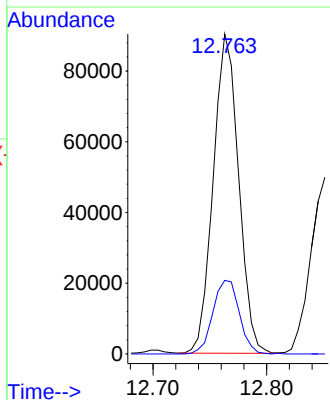
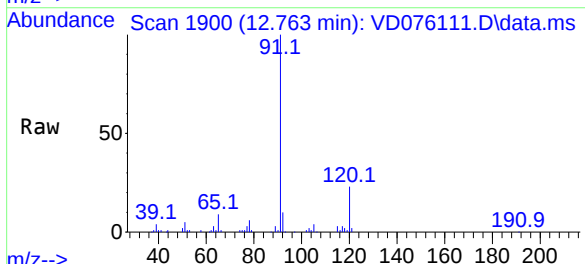
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

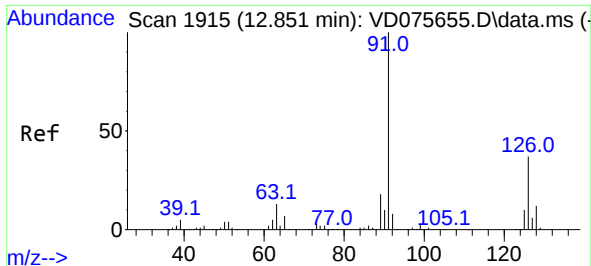
Tgt Ion:	156	Resp:	32762
Ion Ratio	Lower	Upper	
156	100		
77	156.5	89.5	268.6
158	96.9	47.8	143.4



#78
n-propylbenzene
Concen: 9.056 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:	91	Resp:	140028
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.4	34.2

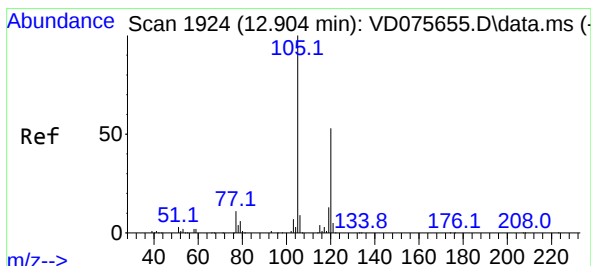
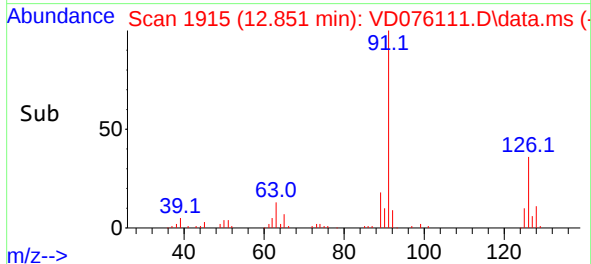
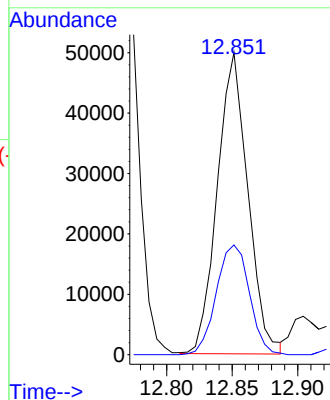
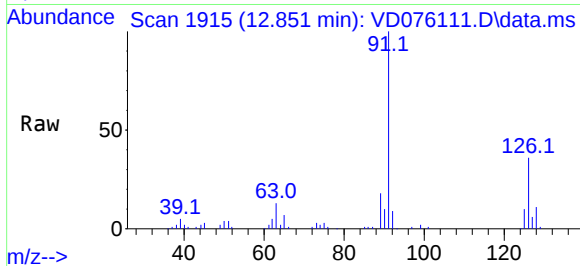




#79
2-Chlorotoluene
Concen: 9.455 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

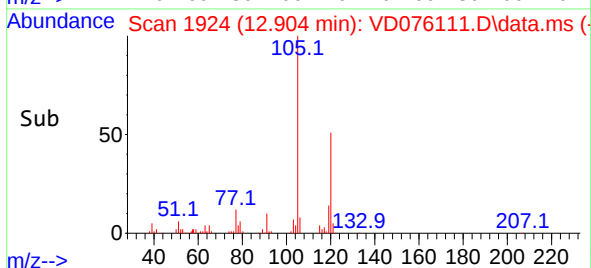
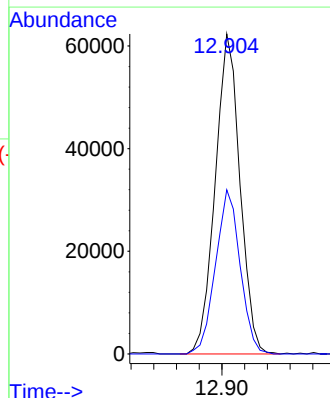
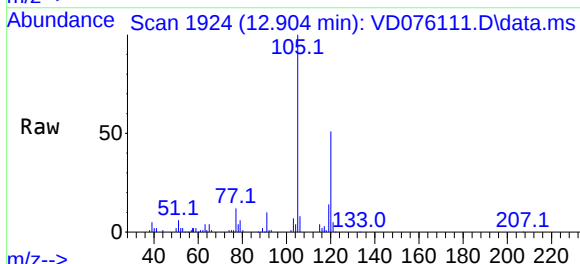
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

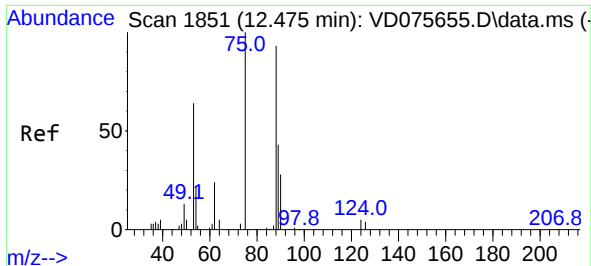
Tgt Ion: 91 Resp: 80916
Ion Ratio Lower Upper
91 100
126 39.3 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 9.164 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 105 Resp: 94372
Ion Ratio Lower Upper
105 100
120 51.0 24.3 72.8

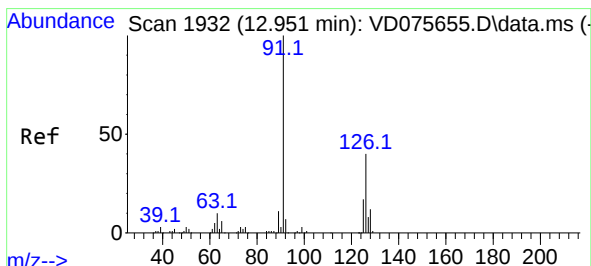
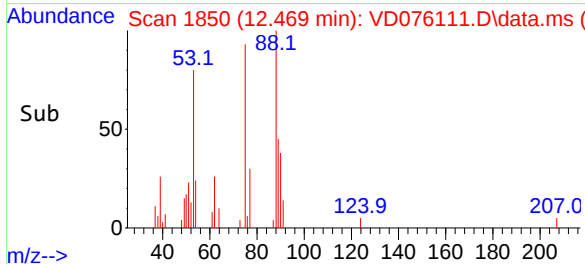
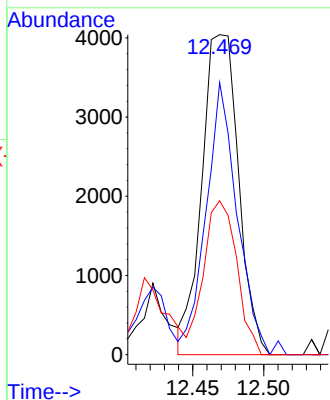
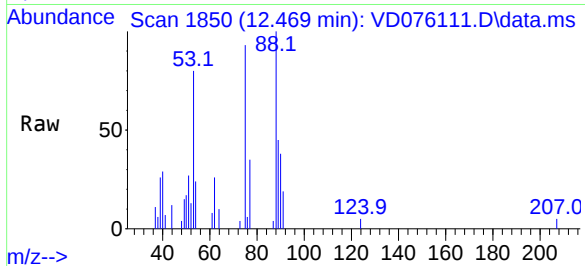




#81
trans-1,4-Dichloro-2-butene
Concen: 9.277 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

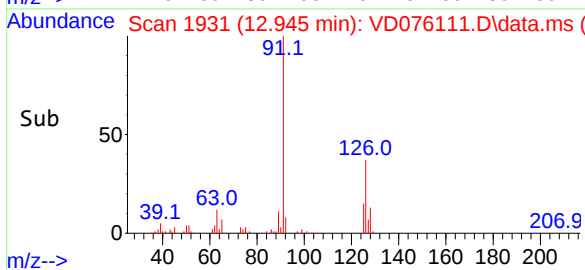
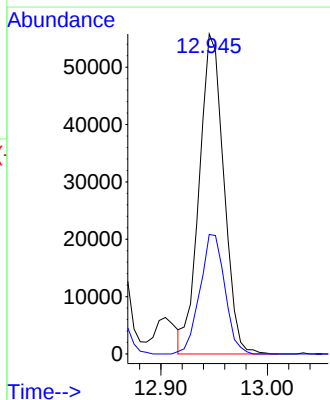
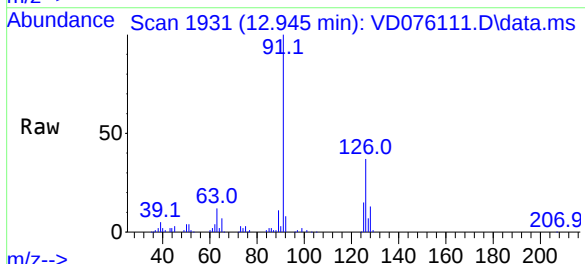
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

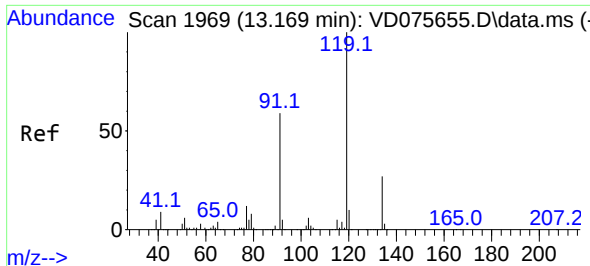
Tgt Ion: 75 Resp: 7267
Ion Ratio Lower Upper
75 100
53 72.8 90.5 135.7#
89 43.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 9.822 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 91 Resp: 89407
Ion Ratio Lower Upper
91 100
126 37.9 17.1 51.2

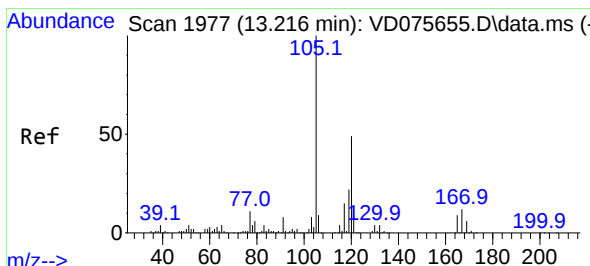
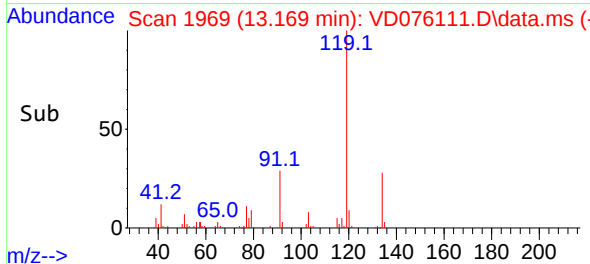
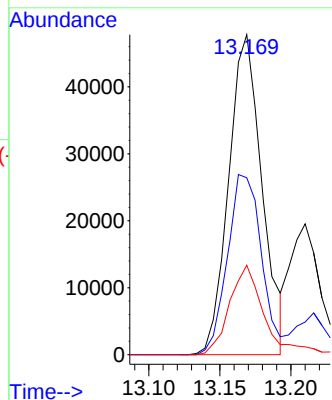
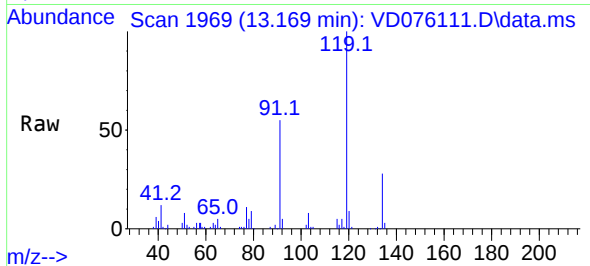




#83
tert-Butylbenzene
Concen: 8.990 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

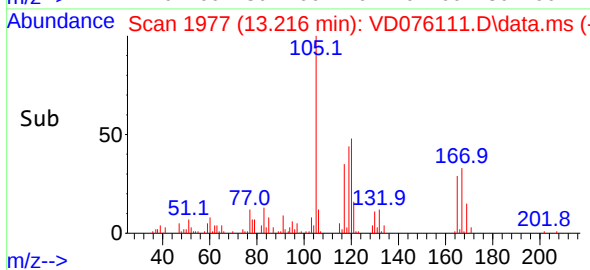
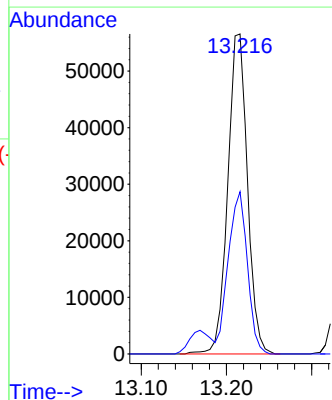
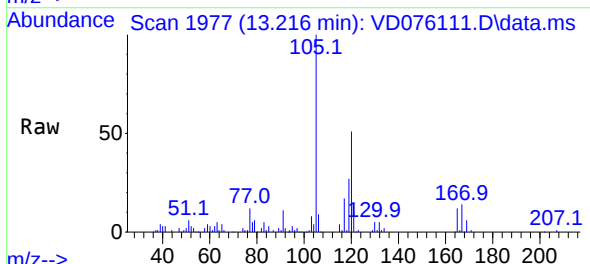
Instrument : MSVOA_D
ClientSampleId : VSTDIC010

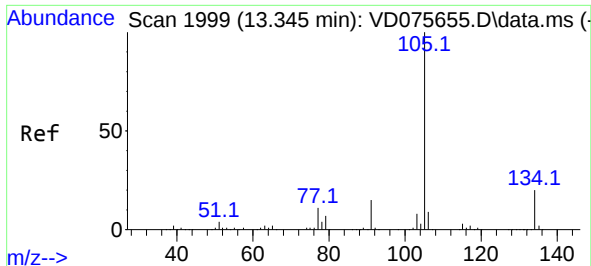
Tgt Ion:	119	Resp:	78244
Ion	Ratio	Lower	Upper
119	100		
91	57.2	32.4	97.0
134	28.9	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 8.837 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:	105	Resp:	90629
Ion	Ratio	Lower	Upper
105	100		
120	49.4	22.3	66.9

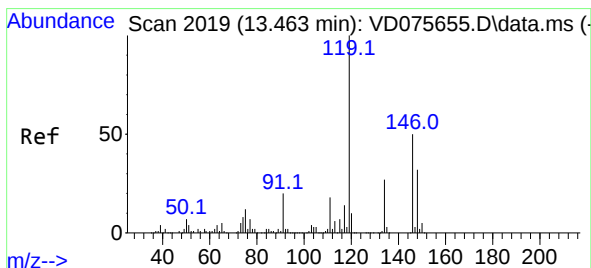
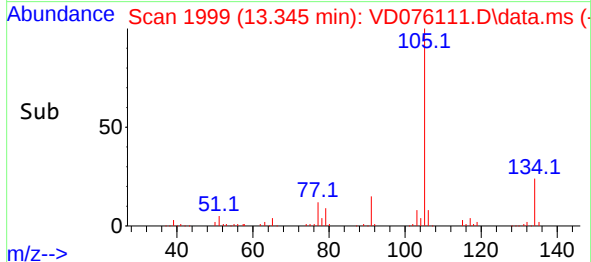
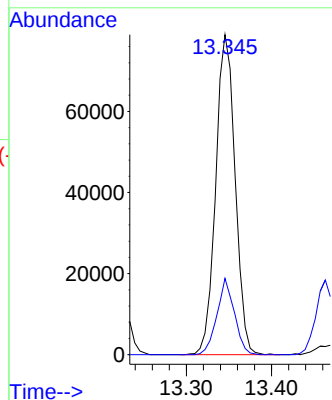
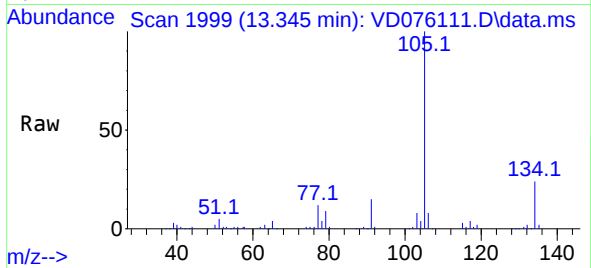




#85
sec-Butylbenzene
Concen: 9.204 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

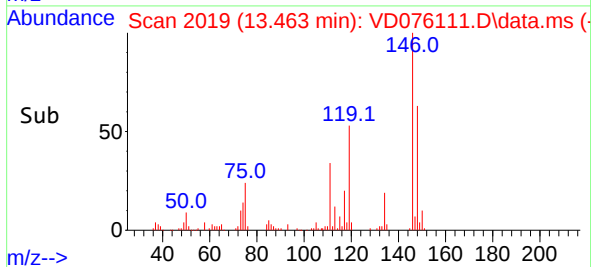
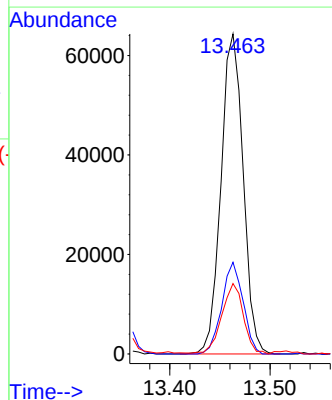
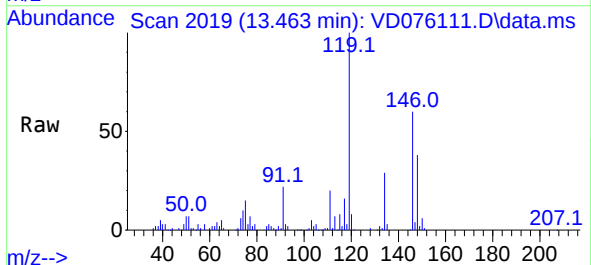
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

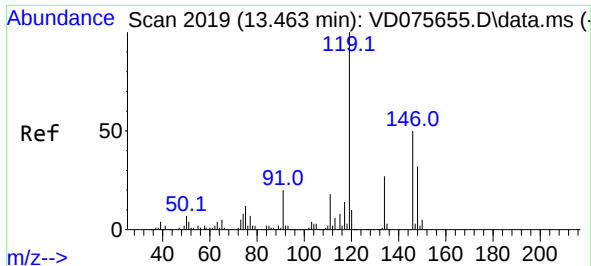
Tgt Ion:105 Resp: 124839
Ion Ratio Lower Upper
105 100
134 21.4 9.9 29.7



#86
p-Isopropyltoluene
Concen: 8.897 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:119 Resp: 98748
Ion Ratio Lower Upper
119 100
134 27.4 13.1 39.3
91 21.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 10.012 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

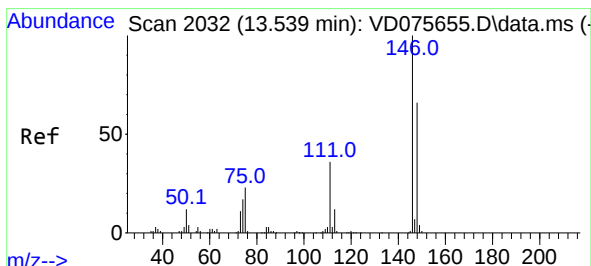
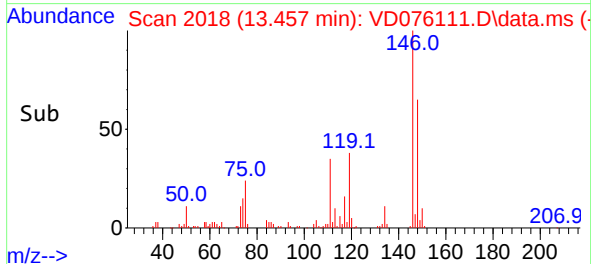
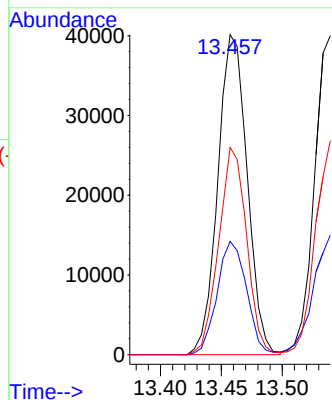
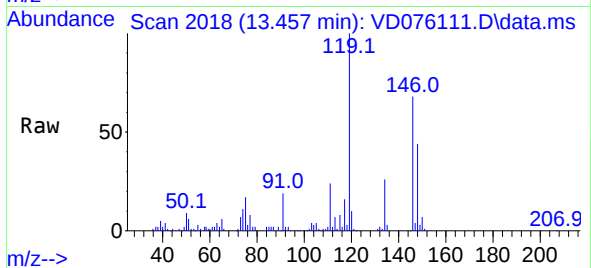
Tgt Ion:146 Resp: 67402

Ion Ratio Lower Upper

146 100

111 35.6 19.8 59.3

148 61.7 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 10.067 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

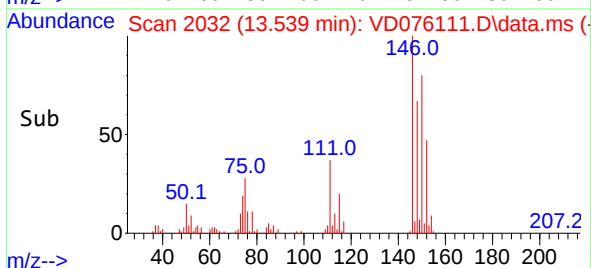
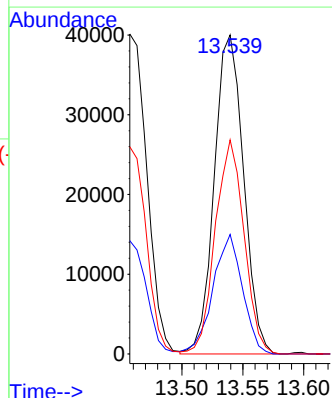
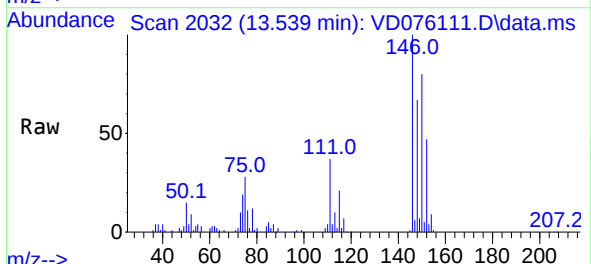
Tgt Ion:146 Resp: 67107

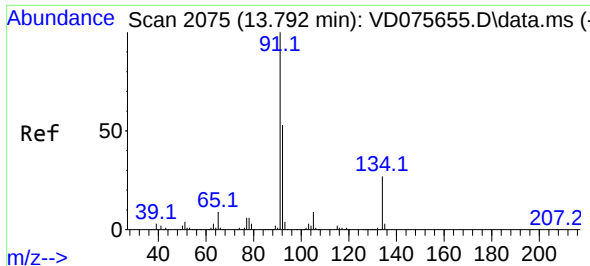
Ion Ratio Lower Upper

146 100

111 37.7 19.6 58.8

148 66.0 31.7 95.1

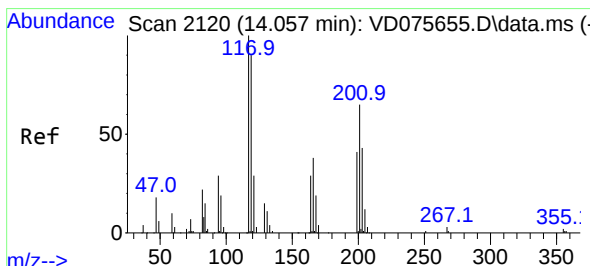
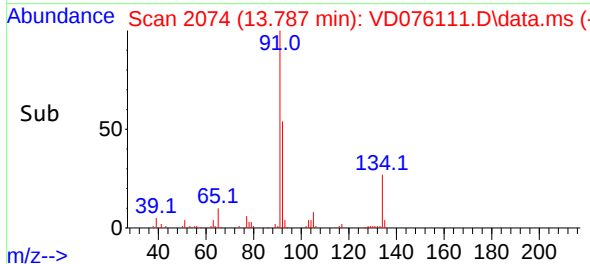
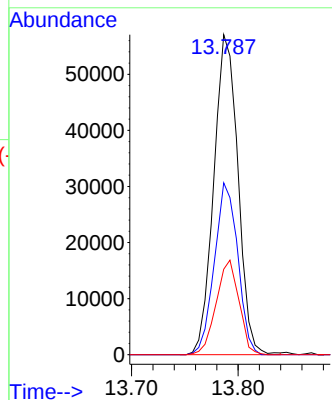
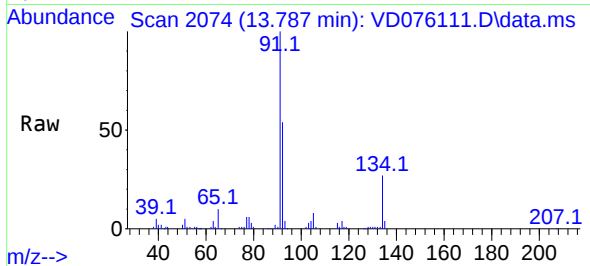




#89
n-Butylbenzene
Concen: 8.602 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.005 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

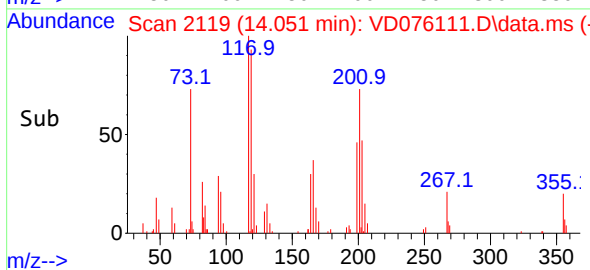
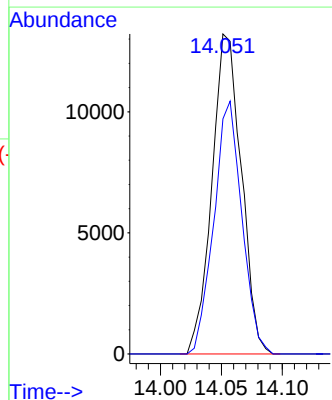
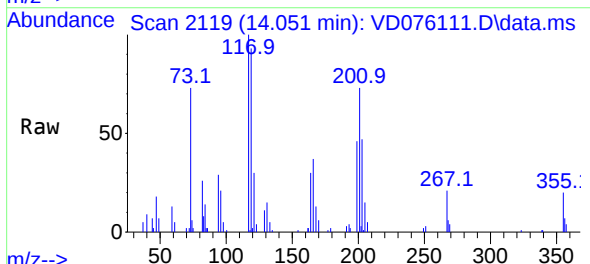
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

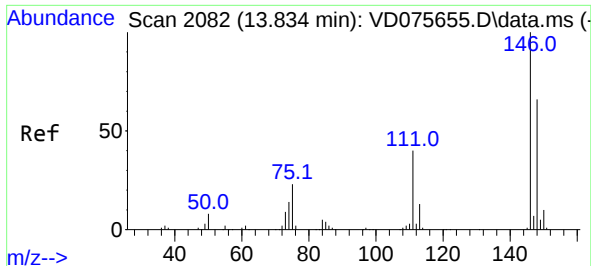
Tgt Ion: 91 Resp: 89964
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 27.9 12.7 38.0



#90
Hexachloroethane
Concen: 9.717 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion: 117 Resp: 22183
Ion Ratio Lower Upper
117 100
201 75.4 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 9.754 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

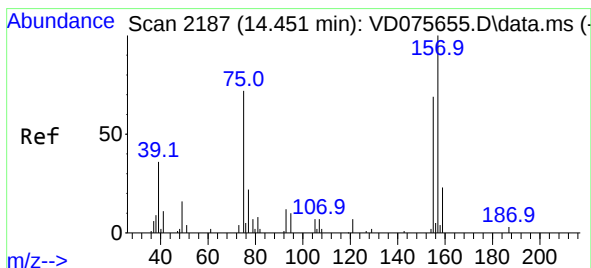
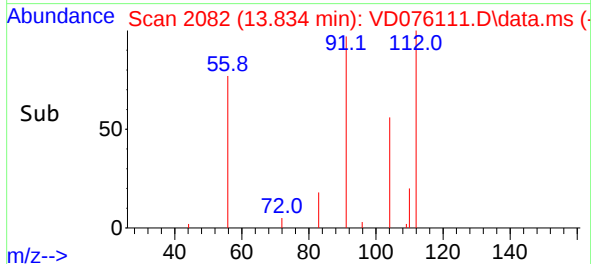
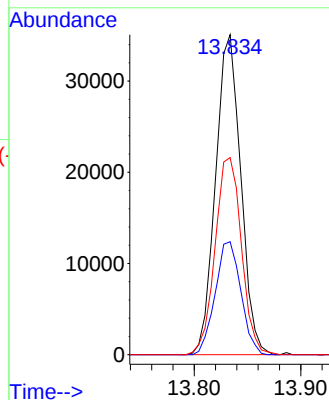
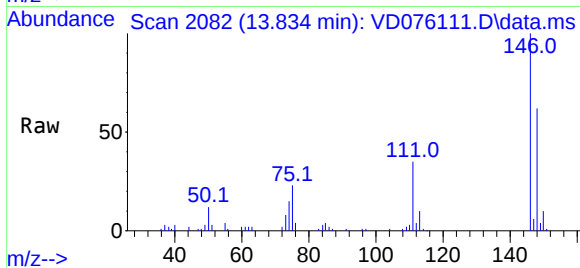
Tgt Ion:146 Resp: 57626

Ion Ratio Lower Upper

146 100

111 35.9 20.6 61.8

148 64.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.825 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076111.D

Acq: 15 May 2023 12:21

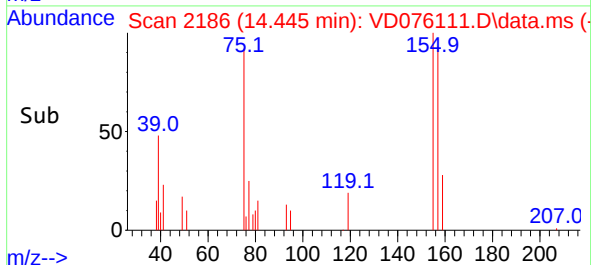
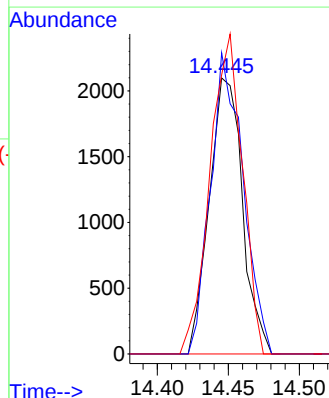
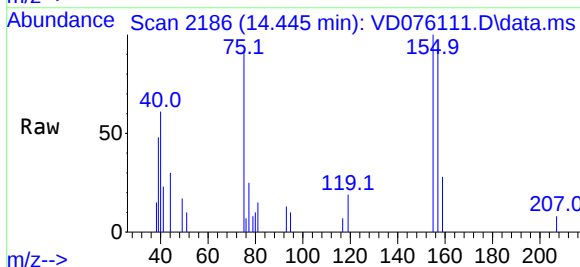
Tgt Ion: 75 Resp: 3406

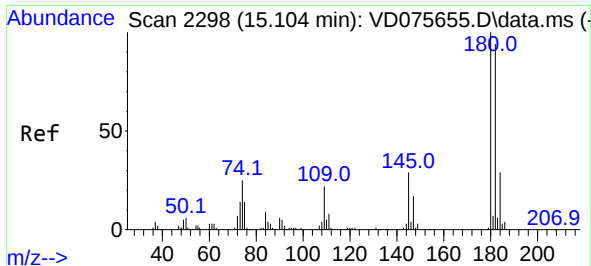
Ion Ratio Lower Upper

75 100

155 107.7 39.5 118.5

157 113.7 53.5 160.7

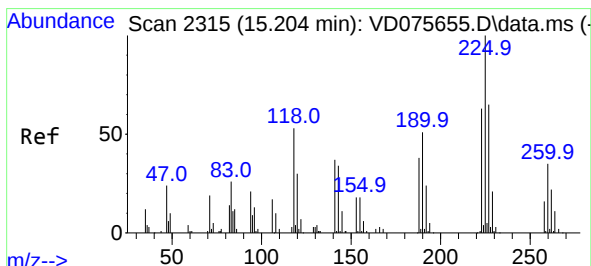
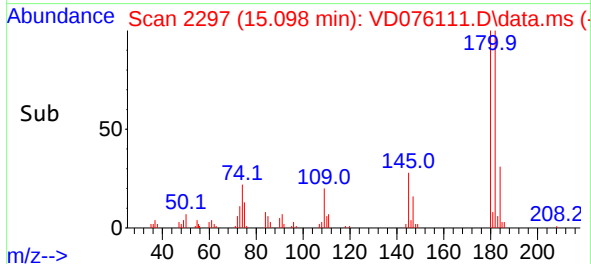
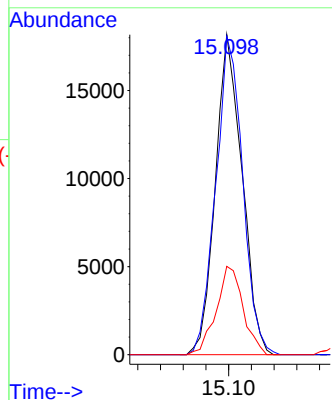
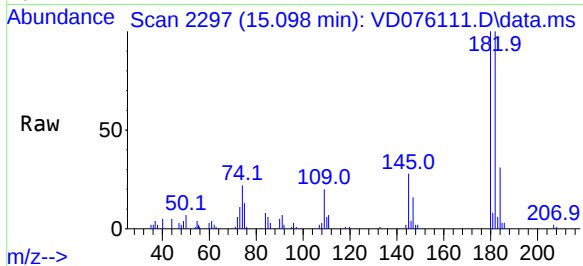




#93
1,2,4-Trichlorobenzene
Concen: 8.607 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

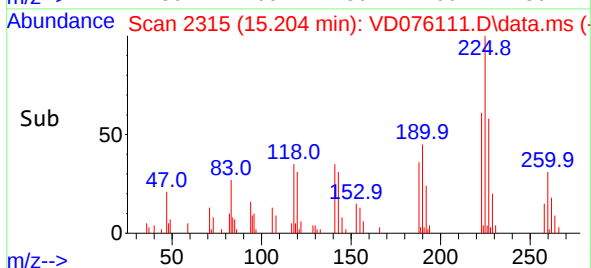
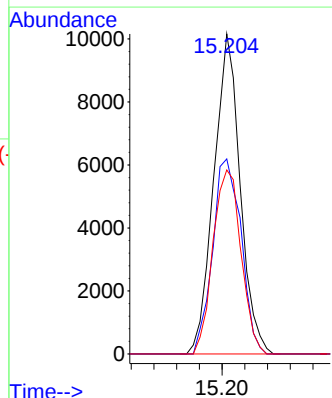
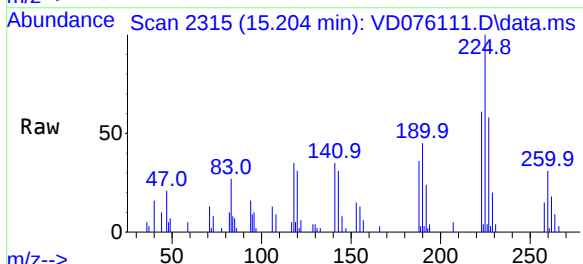
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

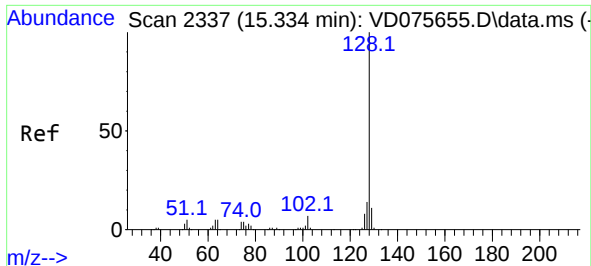
Tgt Ion:180 Resp: 29577
Ion Ratio Lower Upper
180 100
182 100.6 47.9 143.7
145 27.8 15.9 47.7



#94
Hexachlorobutadiene
Concen: 9.327 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:225 Resp: 16342
Ion Ratio Lower Upper
225 100
223 65.9 33.1 99.2
227 61.2 31.9 95.9

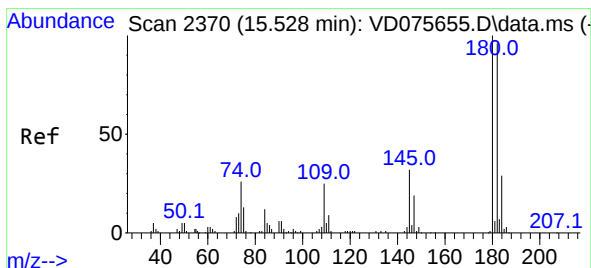
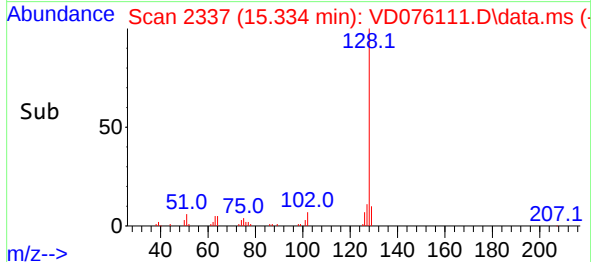
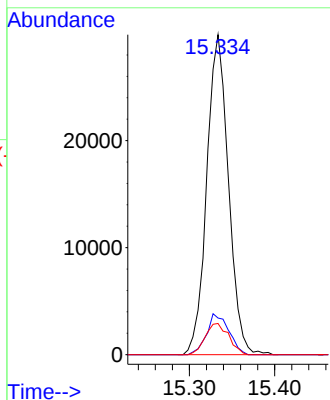
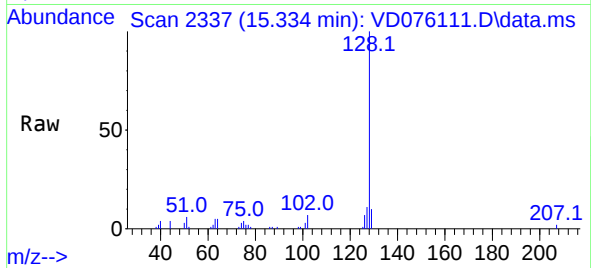




#95
Naphthalene
Concen: 8.283 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	52888
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 8.939 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076111.D
Acq: 15 May 2023 12:21

Tgt Ion:	180	Resp:	27939
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	30.7	16.4	49.4

