

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076209.D
 Acq On : 24 May 2023 12:43
 Operator : KP/SY
 Sample : VD0524SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

Quant Time: May 24 16:25:07 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	185152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	324677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	296889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	155456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86760	48.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.804	113	103390	46.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.140%
50) Toluene-d8	10.269	98	392914	44.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.574	95	111800	46.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34419	20.612	ug/l	100
3) Chloromethane	2.146	50	65293	21.256	ug/l	99
4) Vinyl Chloride	2.281	62	83423	23.165	ug/l	94
5) Bromomethane	2.675	94	54108	22.316	ug/l	97
6) Chloroethane	2.828	64	59815	24.688	ug/l	97
7) Trichlorofluoromethane	3.169	101	66462	21.773	ug/l	95
8) Diethyl Ether	3.593	74	20571	20.493	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.963	101	42837	21.305	ug/l	94
10) Methyl Iodide	4.157	142	43062	20.598	ug/l	93
11) Tert butyl alcohol	5.069	59	10033	105.992	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	40167	20.072	ug/l	93
13) Acrolein	3.787	56	19948	86.105	ug/l	95
14) Allyl chloride	4.557	41	41604	20.485	ug/l #	80
15) Acrylonitrile	5.251	53	45463	109.382	ug/l	94
16) Acetone	4.022	43	40115	112.672	ug/l #	82
17) Carbon Disulfide	4.263	76	114265	19.387	ug/l	96
18) Methyl Acetate	4.563	43	26245	20.665	ug/l #	74
19) Methyl tert-butyl Ether	5.310	73	78943	20.155	ug/l	95
20) Methylene Chloride	4.804	84	74716	20.918	ug/l #	78
21) trans-1,2-Dichloroethene	5.310	96	46365	20.104	ug/l	90
22) Diisopropyl ether	6.222	45	100695	21.361	ug/l #	88
23) Vinyl Acetate	6.151	43	231352	124.818	ug/l #	93
24) 1,1-Dichloroethane	6.104	63	77015	20.716	ug/l	99
25) 2-Butanone	7.081	43	48570	108.497	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	64713	21.347	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	52174	20.386	ug/l	83
28) Bromochloromethane	7.422	49	26535	21.406	ug/l #	69
29) Tetrahydrofuran	7.445	42	27683	106.095	ug/l #	66
30) Chloroform	7.598	83	84517	21.258	ug/l	92
31) Cyclohexane	7.875	56	57337	20.921	ug/l #	76
32) 1,1,1-Trichloroethane	7.792	97	65357	20.628	ug/l	96
36) 1,1-Dichloropropene	8.004	75	60292	19.892	ug/l	96
37) Ethyl Acetate	7.175	43	22271	21.219	ug/l #	85
38) Carbon Tetrachloride	7.986	117	53129	19.406	ug/l	91
39) Methylcyclohexane	9.275	83	64034	18.350	ug/l	90
40) Benzene	8.251	78	189038	19.399	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	10073	17.503	ug/l #	60
42) 1,2-Dichloroethane	8.328	62	46613	20.224	ug/l	91
43) Isopropyl Acetate	8.363	43	37450	19.101	ug/l #	79
44) Trichloroethene	9.022	130	49784	18.128	ug/l	90
45) 1,2-Dichloropropane	9.304	63	46094	19.177	ug/l	98
46) Dibromomethane	9.392	93	26895	19.962	ug/l	98
47) Bromodichloromethane	9.580	83	64000	19.765	ug/l	96
48) Methyl methacrylate	9.380	41	15896	18.319	ug/l #	60
49) 1,4-Dioxane	9.386	88	5588	387.861	ug/l #	80
51) 4-Methyl-2-Pentanone	10.163	43	106550	102.183	ug/l #	80
52) Toluene	10.333	92	120977	19.878	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	56728	19.439	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	69474	19.507	ug/l #	74
55) 1,1,2-Trichloroethane	10.733	97	38011	19.674	ug/l	96
56) Ethyl methacrylate	10.598	69	35984	18.530	ug/l #	68
57) 1,3-Dichloropropane	10.880	76	59671	19.686	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	90207	96.813	ug/l	94
59) 2-Hexanone	10.922	43	74443	101.232	ug/l	76
60) Dibromochloromethane	11.075	129	42783	19.694	ug/l	99
61) 1,2-Dibromoethane	11.180	107	34147	19.868	ug/l	99
64) Tetrachloroethene	10.810	164	40098	17.564	ug/l	95
65) Chlorobenzene	11.610	112	128273	18.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	44337	19.062	ug/l	96
67) Ethyl Benzene	11.686	91	204752	18.958	ug/l	93
68) m/p-Xylenes	11.792	106	169738	38.454	ug/l	93
69) o-Xylene	12.122	106	77670	19.284	ug/l	89
70) Styrene	12.139	104	137838	19.739	ug/l	92
71) Bromoform	12.298	173	25173	19.240	ug/l #	99
73) Isopropylbenzene	12.422	105	193884	18.854	ug/l	97
74) N-amyl acetate	12.233	43	34586	18.882	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.674	83	45064	20.389	ug/l	94
76) 1,2,3-Trichloropropane	12.727	75	50870	37.394	ug/l #	100
77) Bromobenzene	12.704	156	49313	17.891	ug/l	96
78) n-propylbenzene	12.763	91	249868	19.521	ug/l	97
79) 2-Chlorotoluene	12.851	91	139403	19.678	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	164363	19.280	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	13185	20.333	ug/l #	71
82) 4-Chlorotoluene	12.951	91	145062	19.251	ug/l	92
83) tert-Butylbenzene	13.169	119	133723	18.561	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	164006	19.318	ug/l	95
85) sec-Butylbenzene	13.345	105	221235	19.704	ug/l	99
86) p-Isopropyltoluene	13.463	119	176586	19.220	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	103380	18.551	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	105190	19.063	ug/l	98
89) n-Butylbenzene	13.786	91	168678	19.482	ug/l	98
90) Hexachloroethane	14.057	117	35748	18.916	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	93615	19.142	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5413	18.862	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	47212	16.596	ug/l	98
94) Hexachlorobutadiene	15.204	225	23305	16.067	ug/l	97
95) Naphthalene	15.333	128	91331	17.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	42744	16.521	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

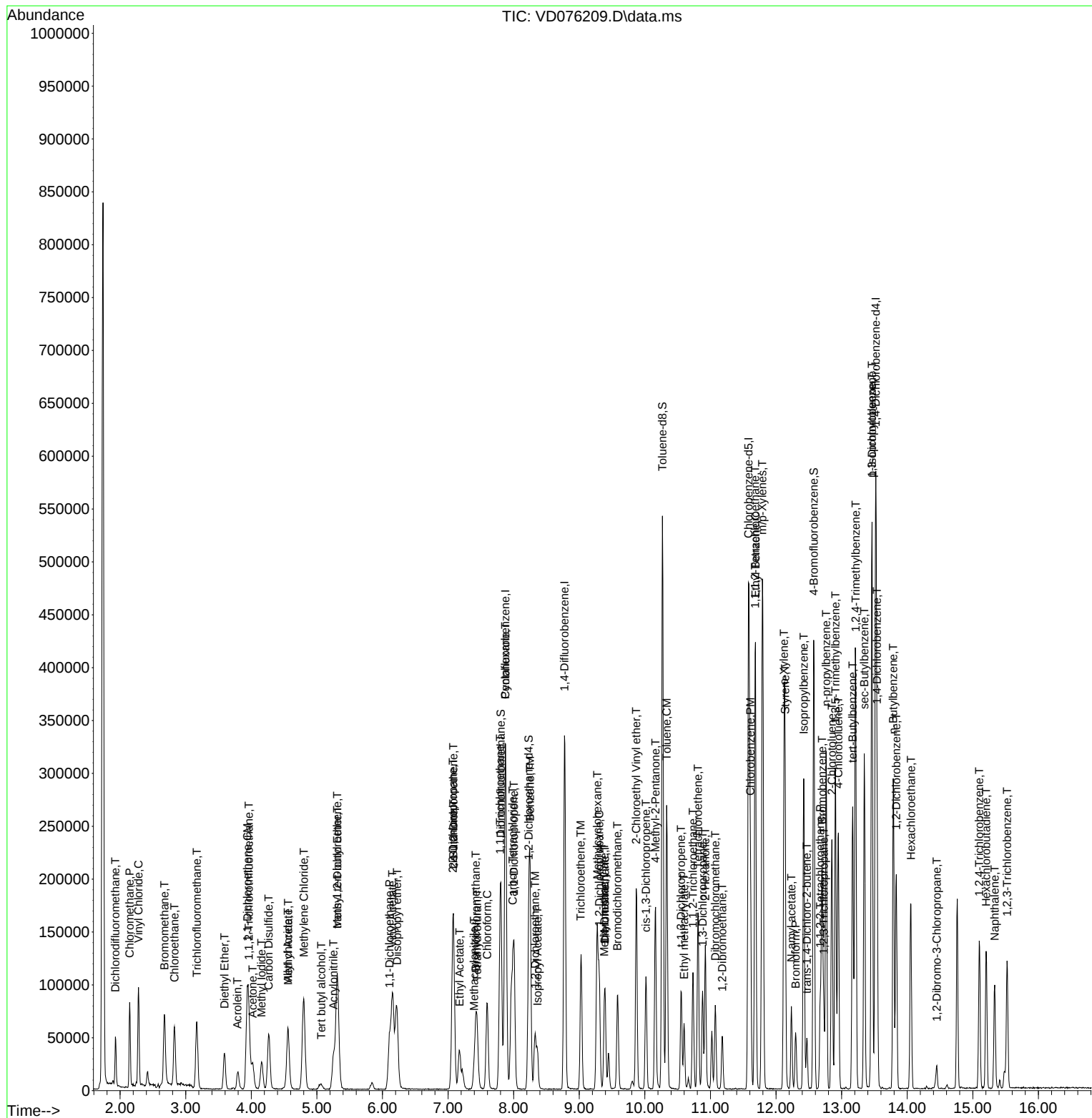
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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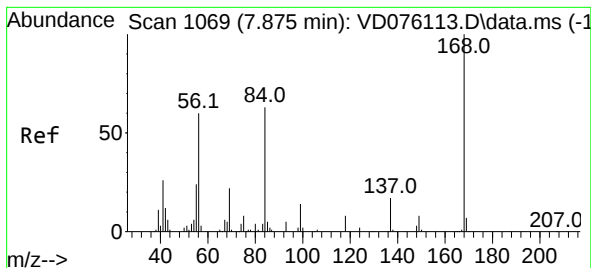
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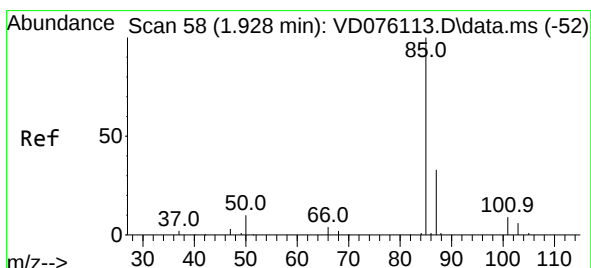
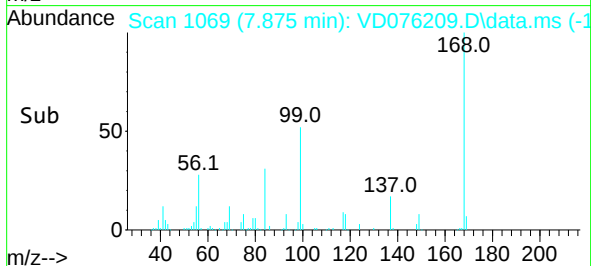
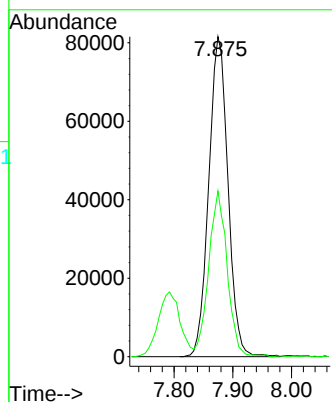
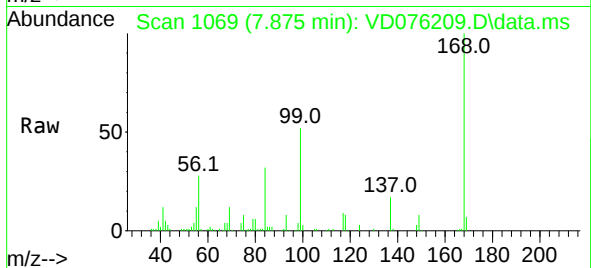




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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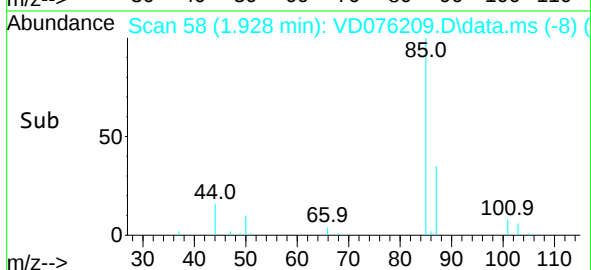
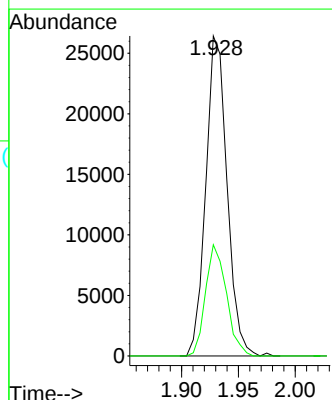
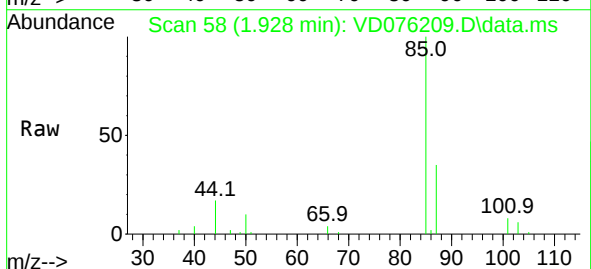
Instrument :
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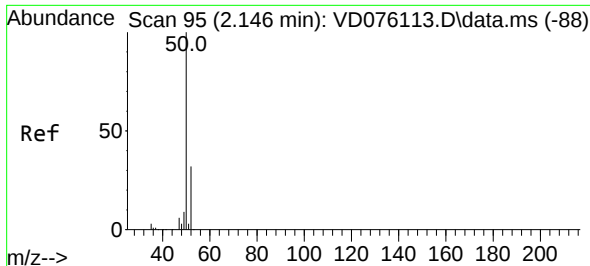
Tgt Ion:168 Resp: 185152
Ion Ratio Lower Upper
168 100
99 51.6 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 20.612 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 85 Resp: 34419
Ion Ratio Lower Upper
85 100
87 34.8 17.3 51.7

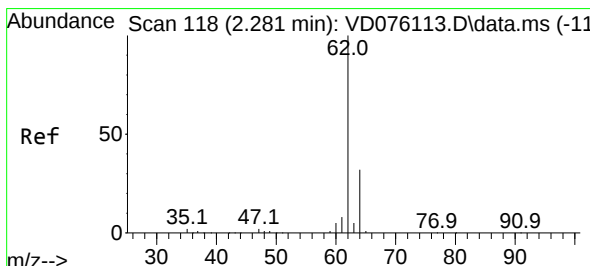
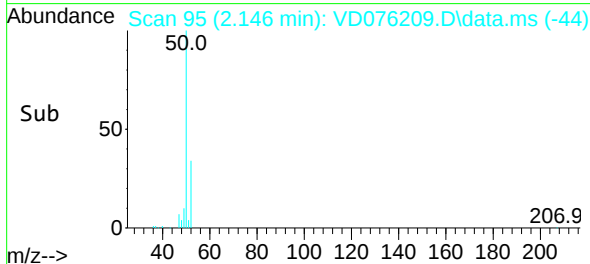
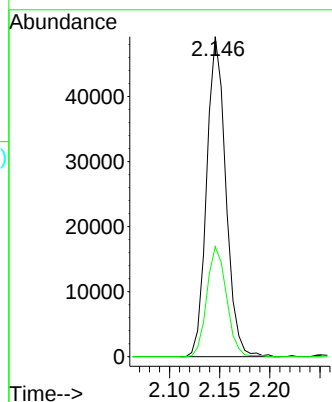
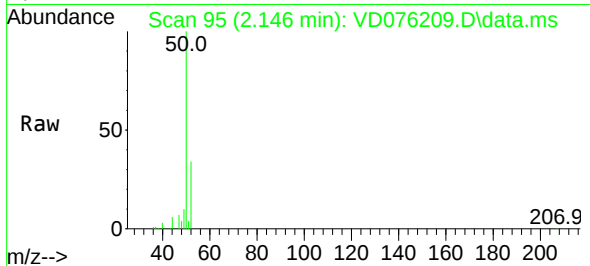




#3
Chloromethane
Concen: 21.256 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

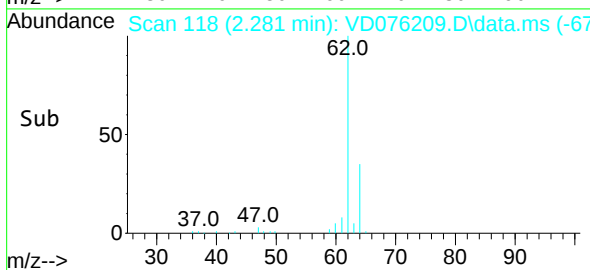
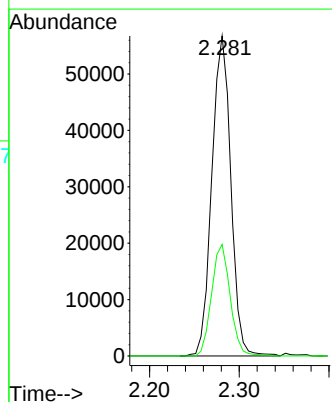
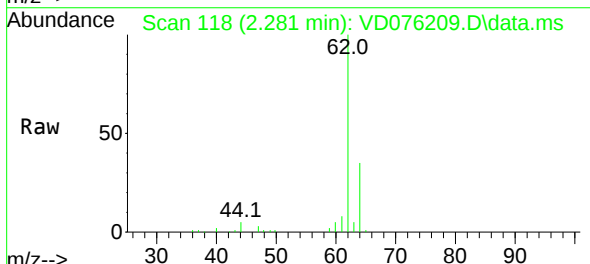
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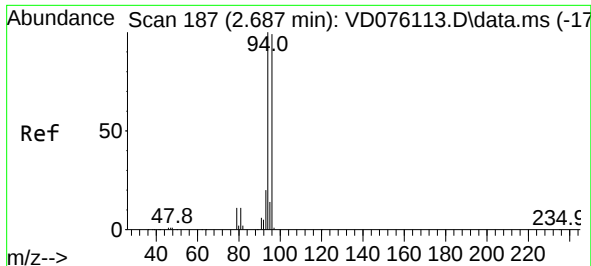
Tgt Ion: 50 Resp: 65293
Ion Ratio Lower Upper
50 100
52 34.4 27.8 41.8



#4
Vinyl Chloride
Concen: 23.165 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 62 Resp: 83423
Ion Ratio Lower Upper
62 100
64 34.8 25.4 38.0

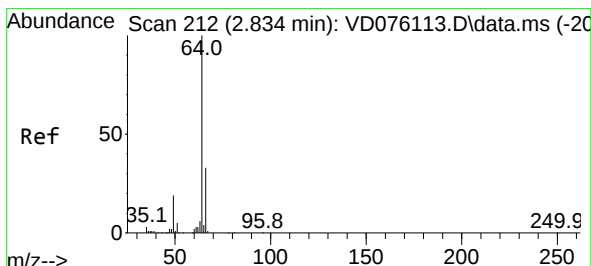
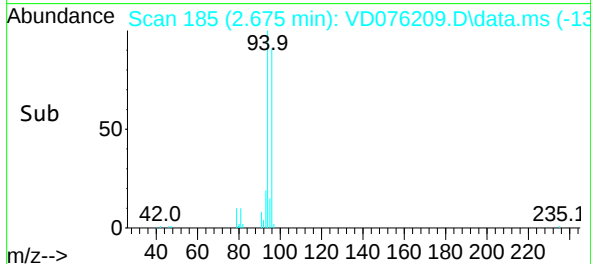
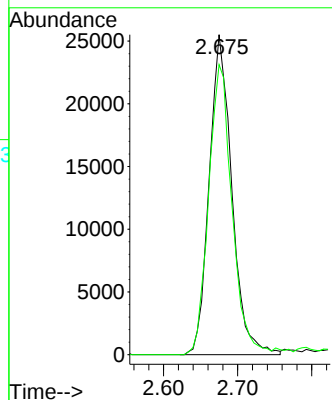
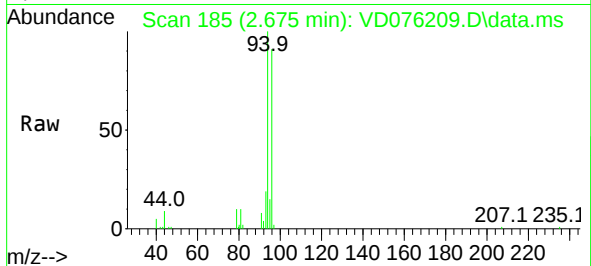




#5
Bromomethane
Concen: 22.316 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076209.D
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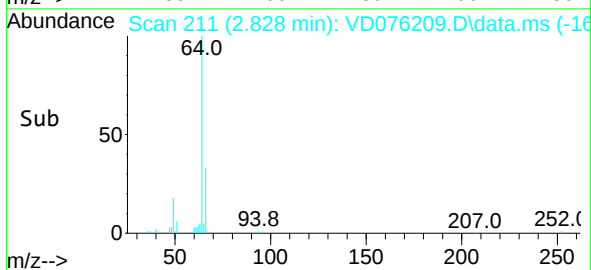
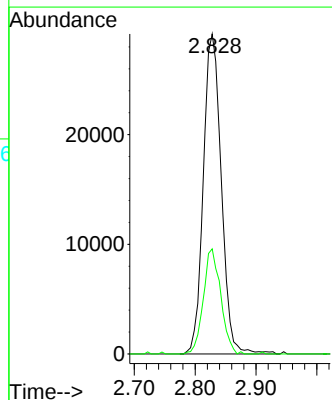
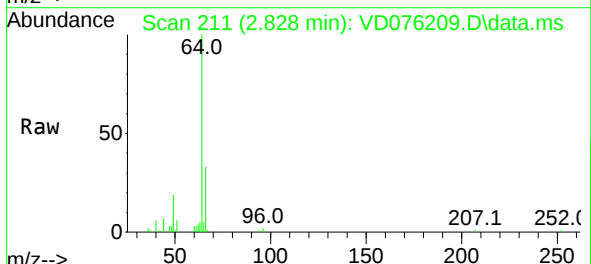
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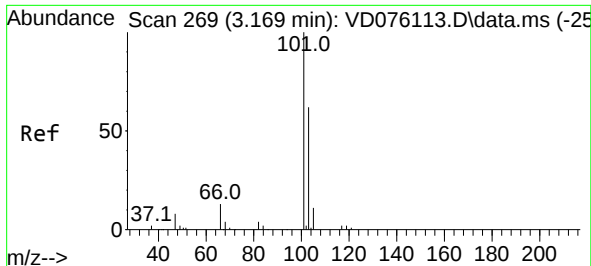
Tgt Ion: 94 Resp: 54108
Ion Ratio Lower Upper
94 100
96 93.6 77.5 116.3



#6
Chloroethane
Concen: 24.688 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076209.D
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Tgt Ion: 64 Resp: 59815
Ion Ratio Lower Upper
64 100
66 32.9 27.7 41.5

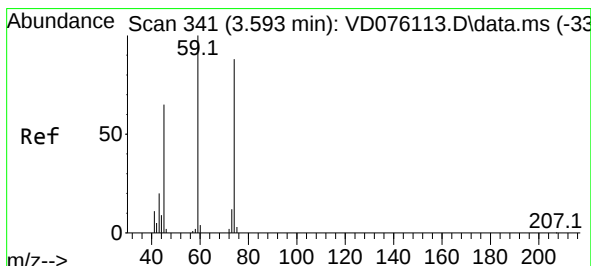
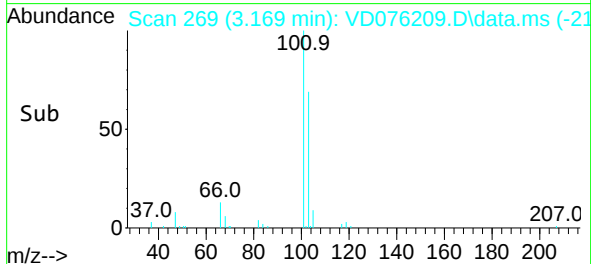
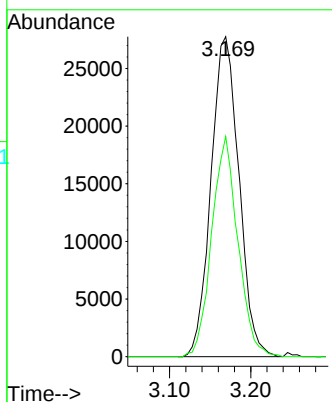
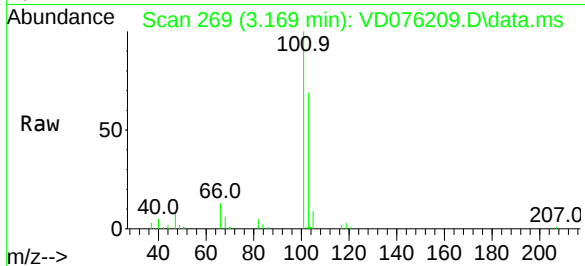




#7
Trichlorofluoromethane
Concen: 21.773 ug/l
RT: 3.169 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

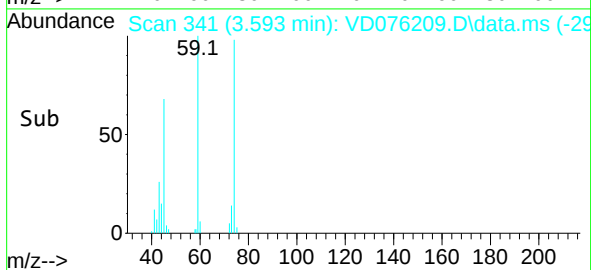
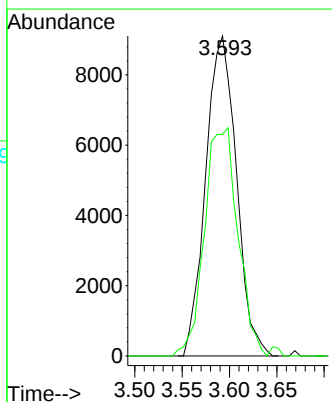
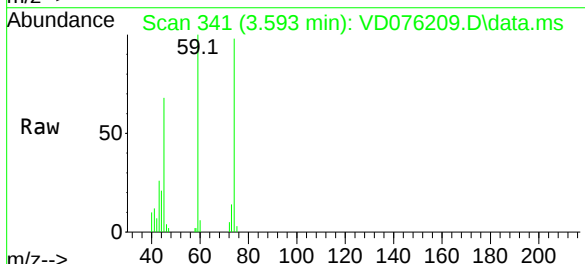
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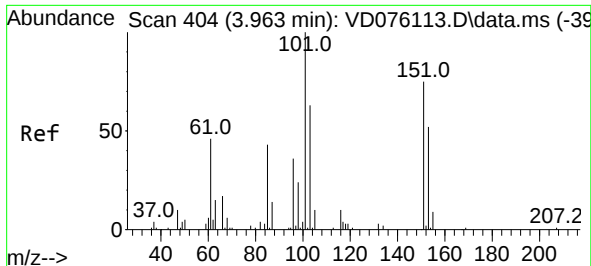
Tgt Ion:101 Resp: 66462
Ion Ratio Lower Upper
101 100
103 68.8 51.9 77.9



#8
Diethyl Ether
Concen: 20.493 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 74 Resp: 20571
Ion Ratio Lower Upper
74 100
45 77.4 50.9 152.7

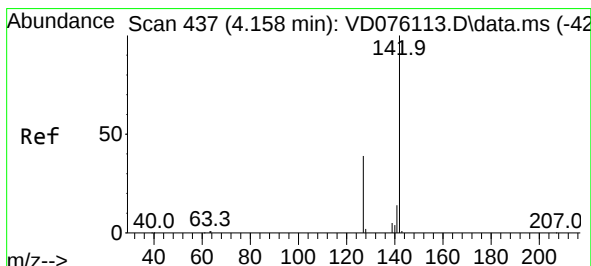
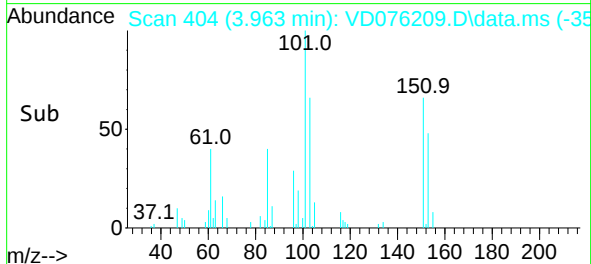
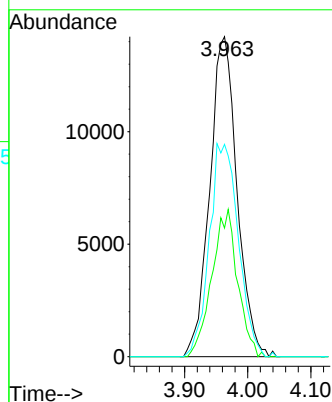
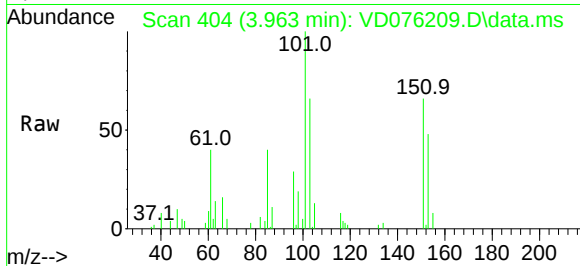




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.305 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

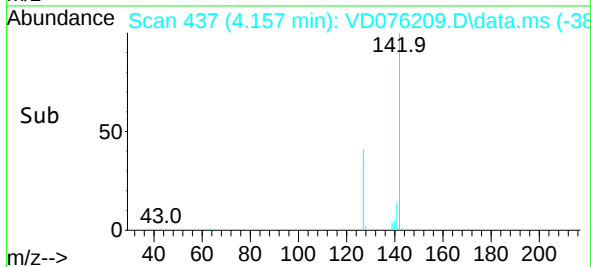
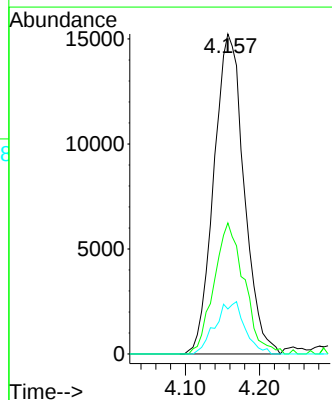
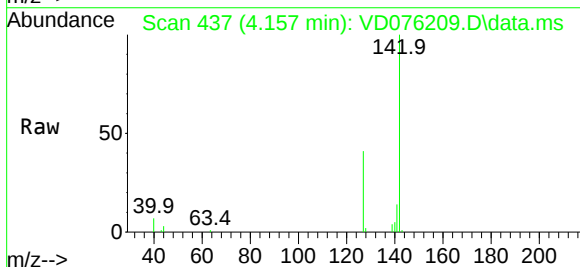
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

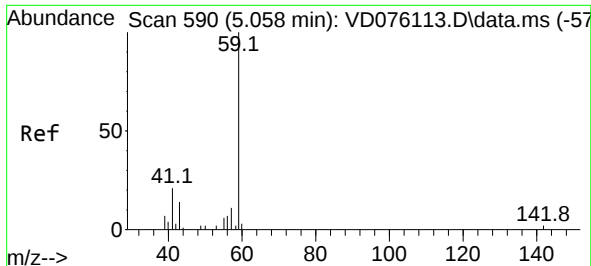
Tgt Ion:101 Resp: 42837
Ion Ratio Lower Upper
101 100
85 43.2 38.3 57.5
151 70.7 60.4 90.6



#10
Methyl Iodide
Concen: 20.598 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.007 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion:142 Resp: 43062
Ion Ratio Lower Upper
142 100
127 41.2 37.1 55.7
141 15.9 11.3 16.9

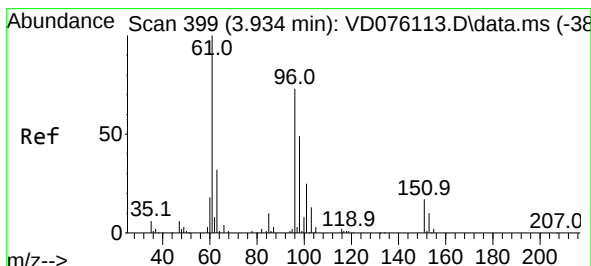
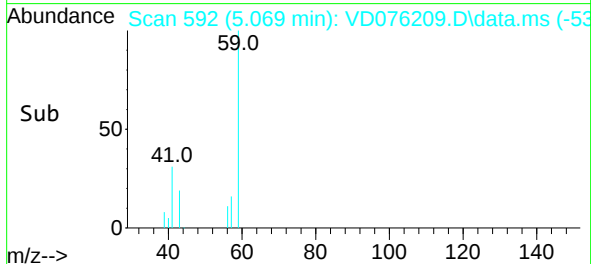
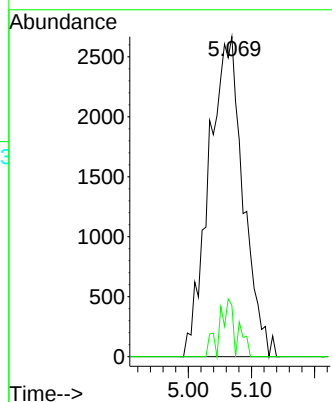
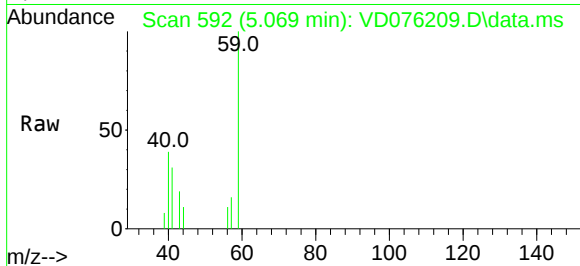




#11
Tert butyl alcohol
Concen: 105.992 ug/l
RT: 5.069 min Scan# 590
Delta R.T. 0.017 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

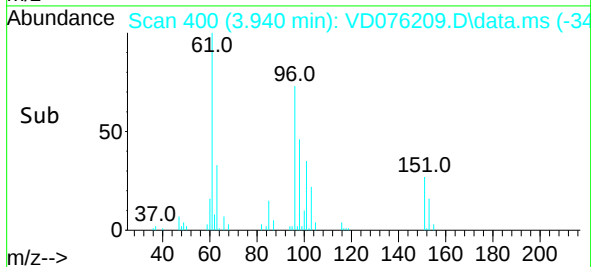
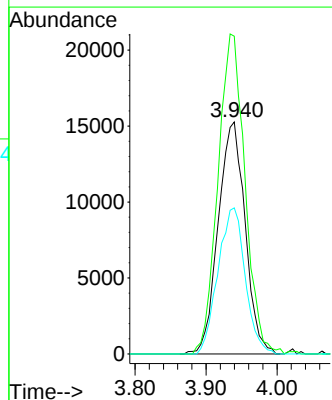
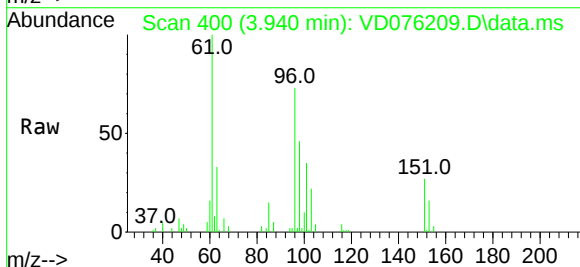
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

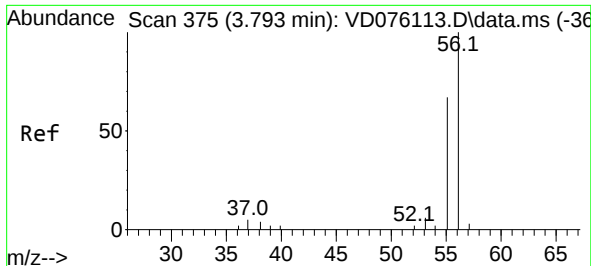
Tgt Ion: 59 Resp: 10033
Ion Ratio Lower Upper
59 100
57 6.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.072 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 96 Resp: 40167
Ion Ratio Lower Upper
96 100
61 137.0 118.6 177.8
98 63.0 49.7 74.5





#13

Acrolein

Concen: 86.105 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.012 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

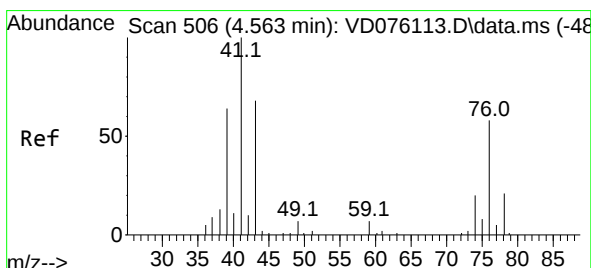
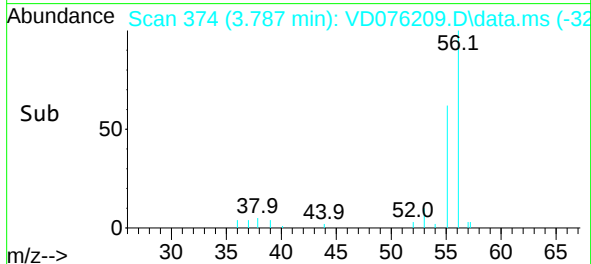
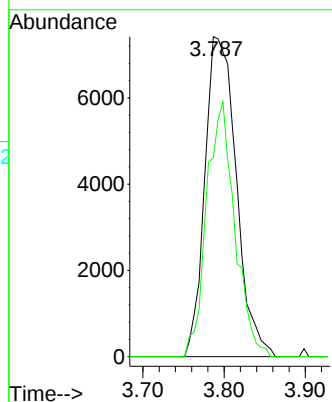
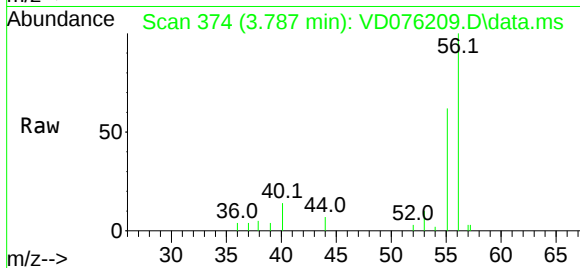
VD0524SBS01

Tgt Ion: 56 Resp: 19948

Ion Ratio Lower Upper

56 100

55 71.5 53.9 80.9



#14

Allyl chloride

Concen: 20.485 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

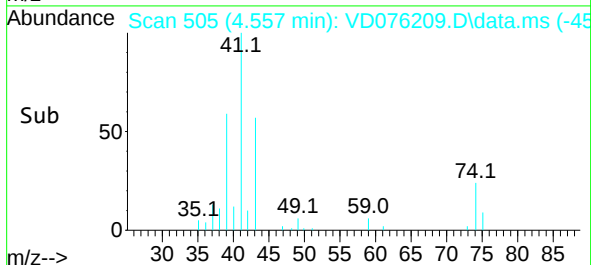
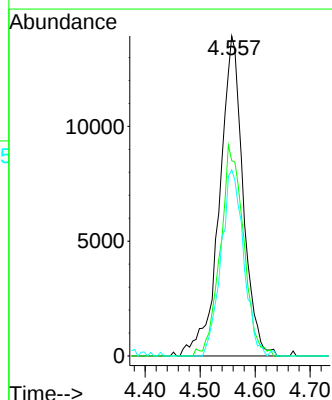
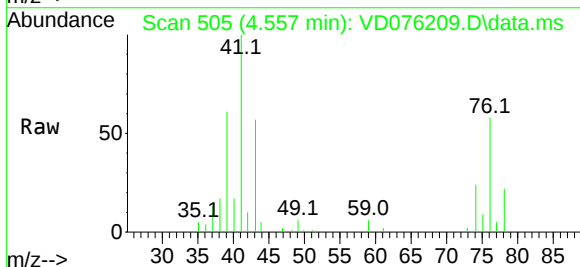
Tgt Ion: 41 Resp: 41604

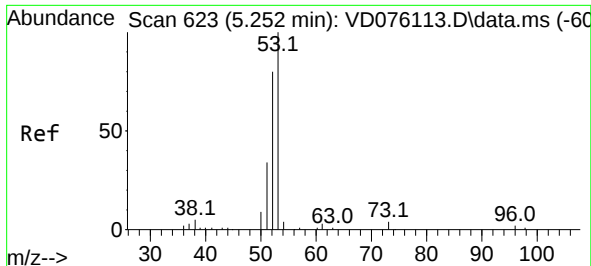
Ion Ratio Lower Upper

41 100

39 64.8 60.6 90.8

76 55.7 28.6 43.0#

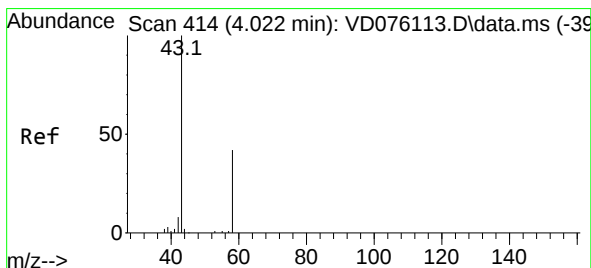
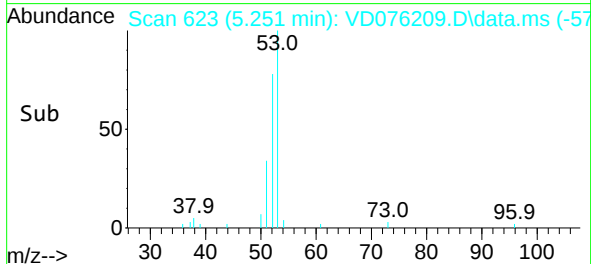
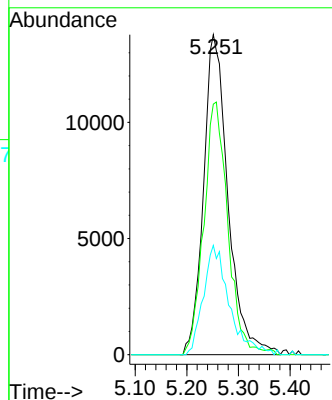
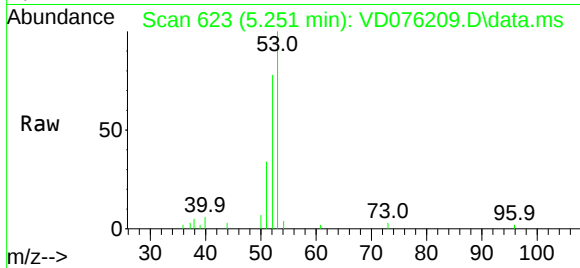




#15
Acrylonitrile
Concen: 109.382 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.007 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

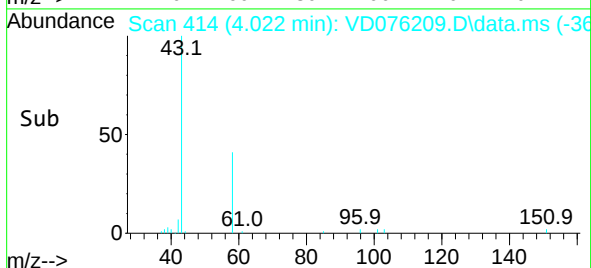
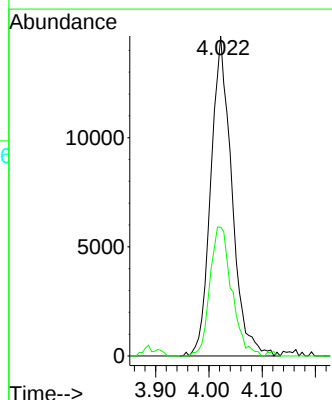
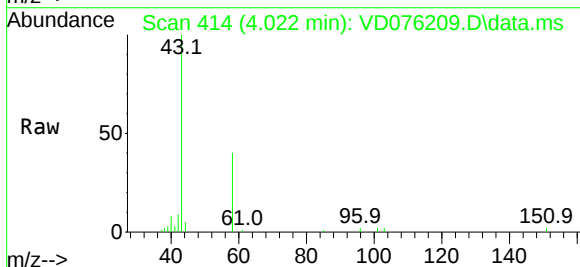
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

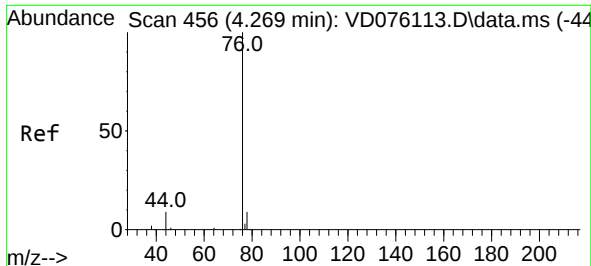
Tgt Ion: 53 Resp: 45463
Ion Ratio Lower Upper
53 100
52 77.1 66.2 99.4
51 36.1 30.7 46.1



#16
Acetone
Concen: 112.672 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 43 Resp: 40115
Ion Ratio Lower Upper
43 100
58 40.3 24.4 36.6#

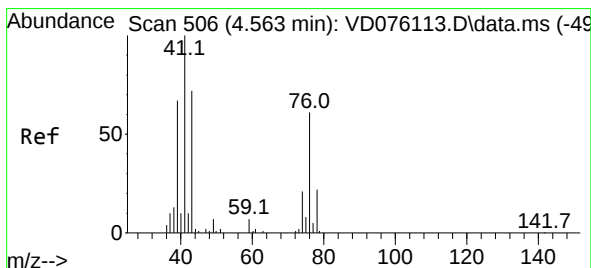
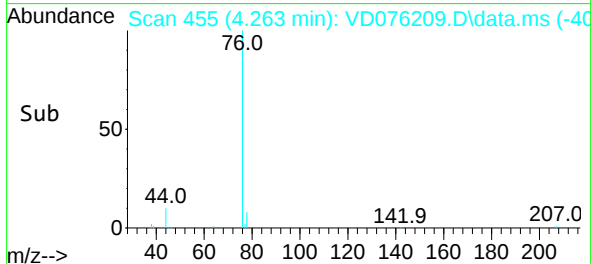
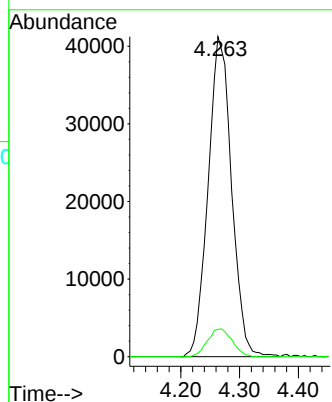
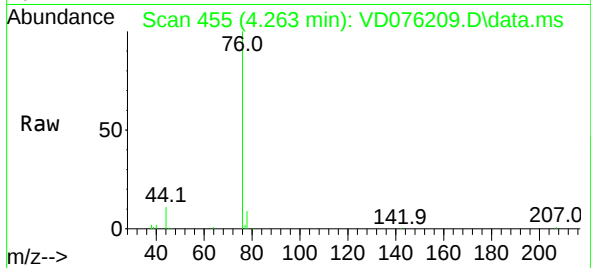




#17
Carbon Disulfide
Concen: 19.387 ug/l
RT: 4.263 min Scan# 417
Delta R.T. -0.006 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

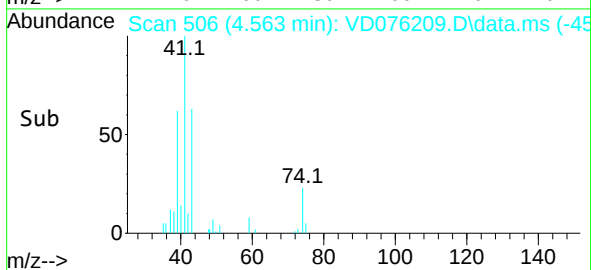
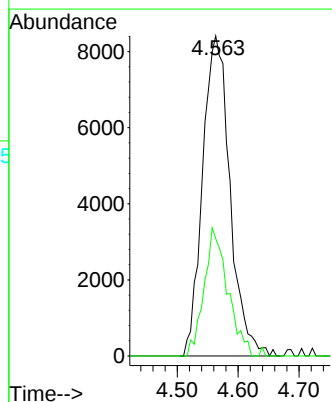
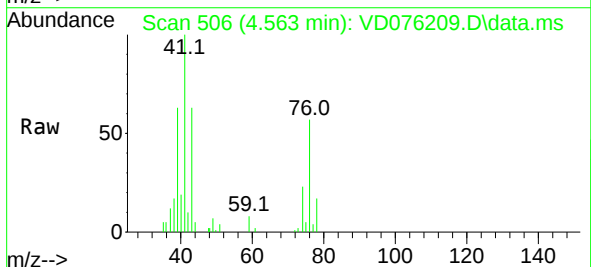
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

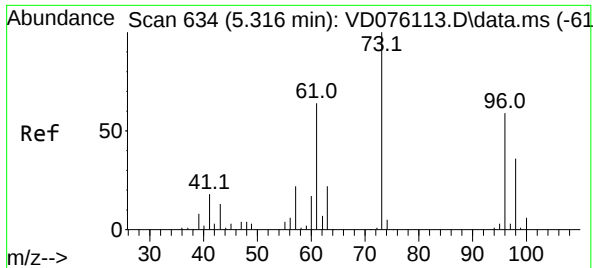
Tgt Ion: 76 Resp: 114265
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0



#18
Methyl Acetate
Concen: 20.665 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 43 Resp: 26245
Ion Ratio Lower Upper
43 100
74 34.5 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 20.155 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

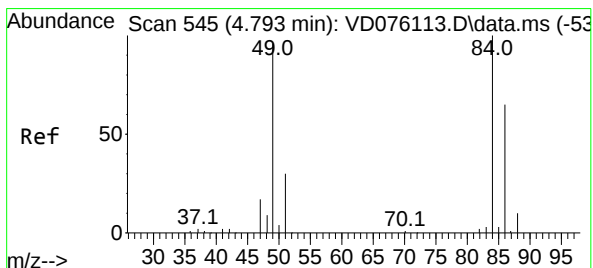
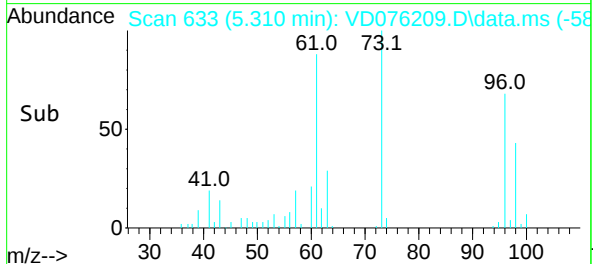
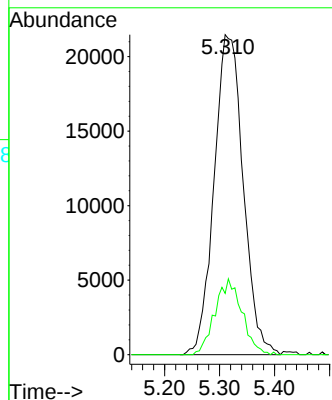
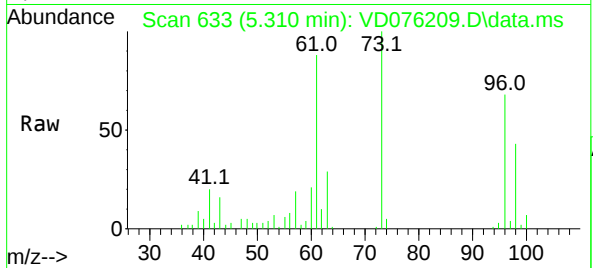
VD0524SBS01

Tgt Ion: 73 Resp: 78943

Ion Ratio Lower Upper

73 100

57 19.1 17.2 25.8



#20

Methylene Chloride

Concen: 20.918 ug/l

RT: 4.804 min Scan# 547

Delta R.T. 0.005 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Tgt Ion: 84 Resp: 74716

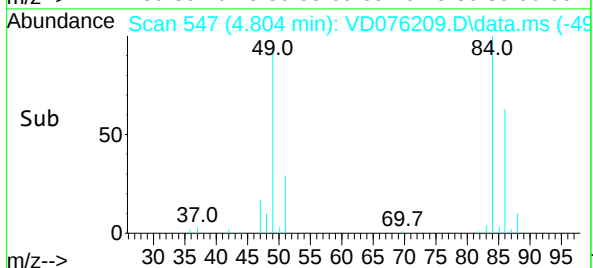
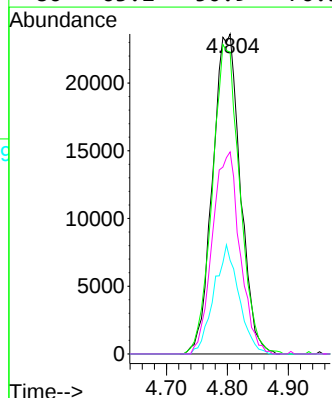
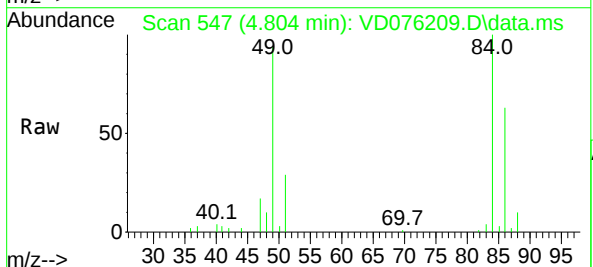
Ion Ratio Lower Upper

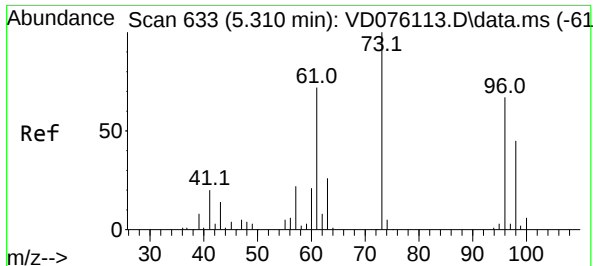
84 100

49 94.3 106.4 159.6#

51 29.2 32.4 48.6#

86 63.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 20.104 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

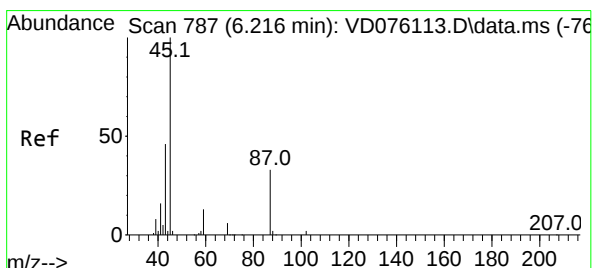
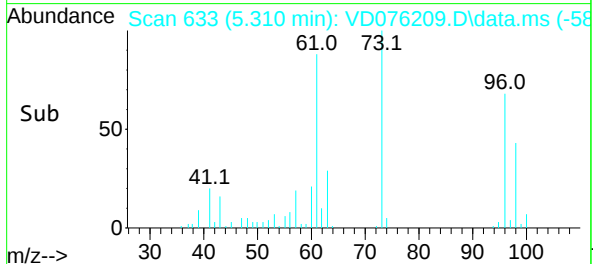
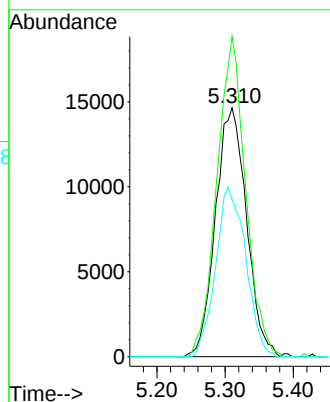
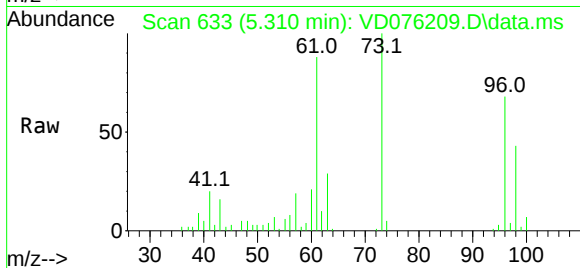
Tgt Ion: 96 Resp: 46365

Ion Ratio Lower Upper

96 100

61 128.6 117.2 175.8

98 63.2 50.6 76.0



#22

Diisopropyl ether

Concen: 21.361 ug/l

RT: 6.222 min Scan# 788

Delta R.T. 0.006 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Tgt Ion: 45 Resp: 100695

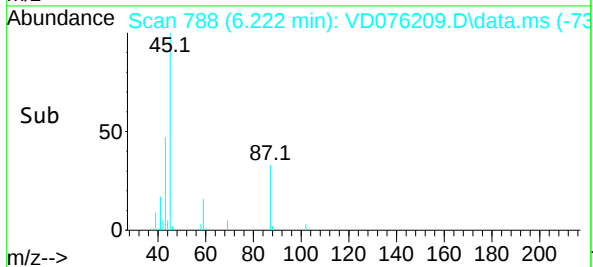
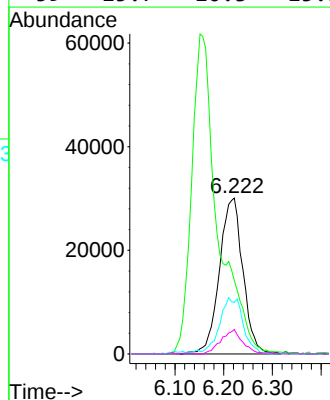
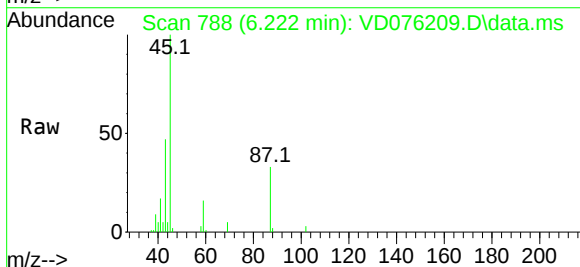
Ion Ratio Lower Upper

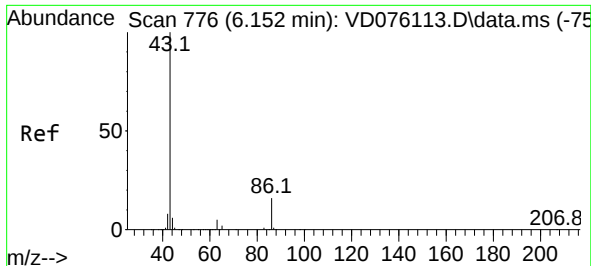
45 100

43 45.9 44.4 66.6

87 33.0 20.9 31.3#

59 15.7 10.3 15.5#

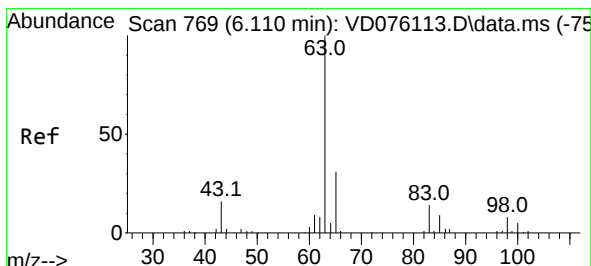
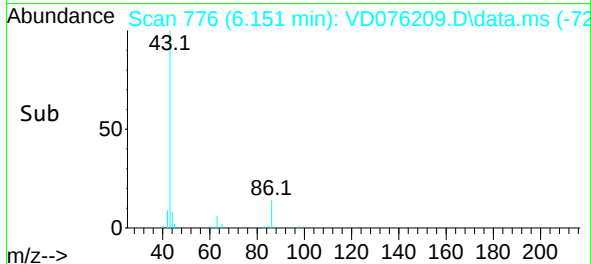
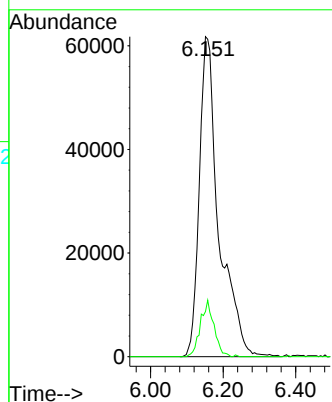
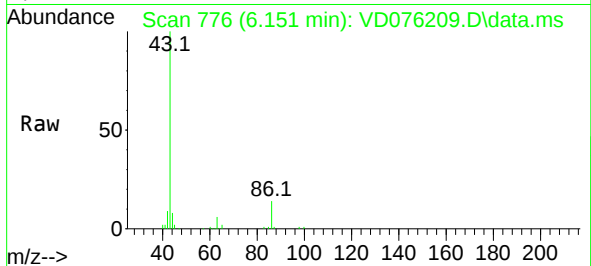




#23
 Vinyl Acetate
 Concen: 124.818 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.001 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

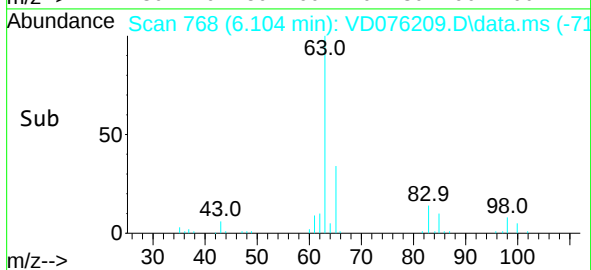
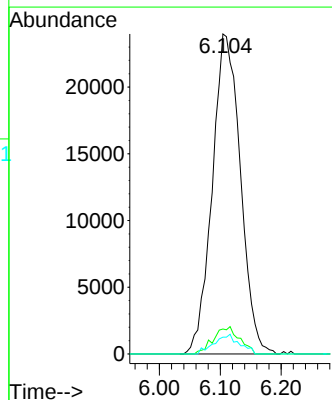
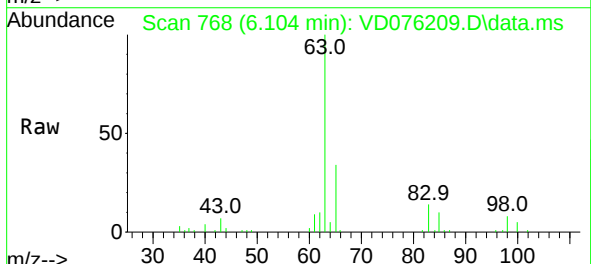
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

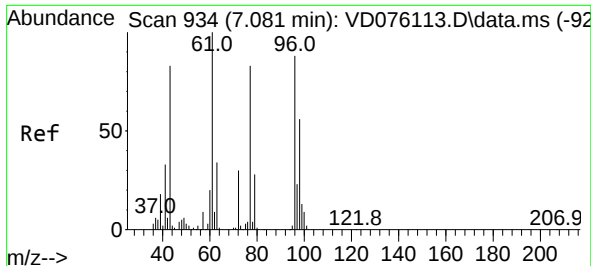
Tgt Ion: 43 Resp: 231352
 Ion Ratio Lower Upper
 43 100
 86 14.1 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 20.716 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

Tgt Ion: 63 Resp: 77015
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.2 2.0 6.0

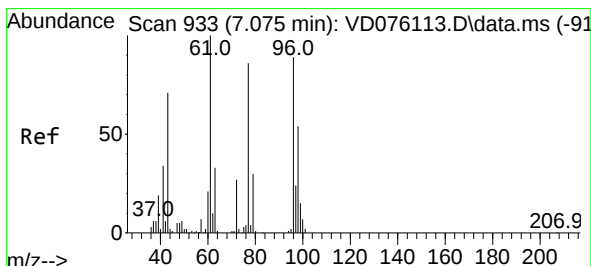
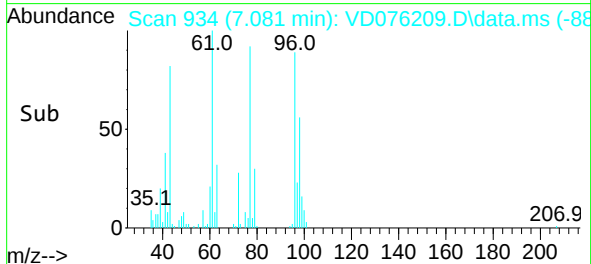
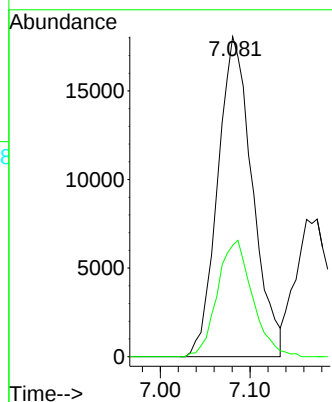
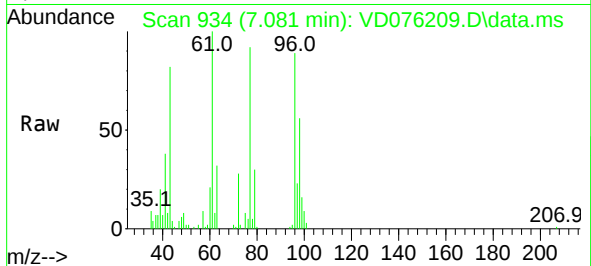




#25
2-Butanone
Concen: 108.497 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

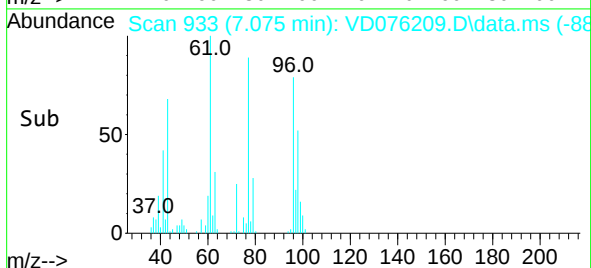
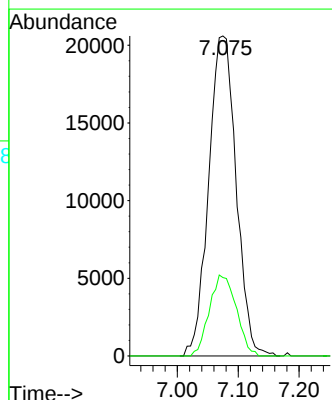
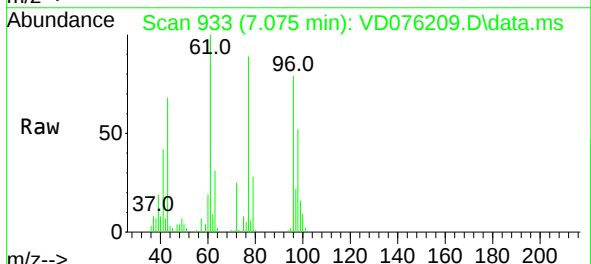
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

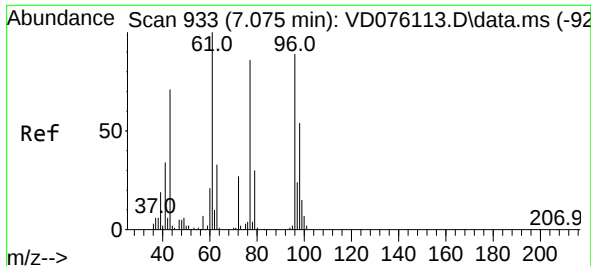
Tgt Ion: 43 Resp: 48570
Ion Ratio Lower Upper
43 100
72 34.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 21.347 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 77 Resp: 64713
Ion Ratio Lower Upper
77 100
97 24.7 11.1 33.1



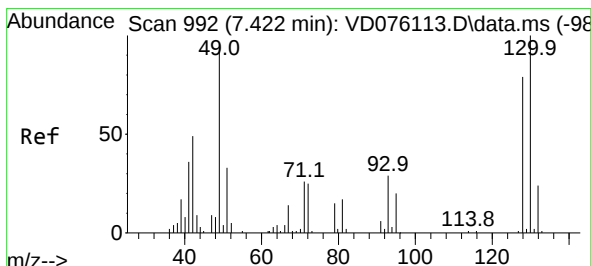
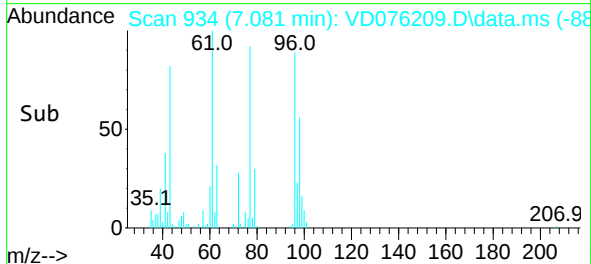
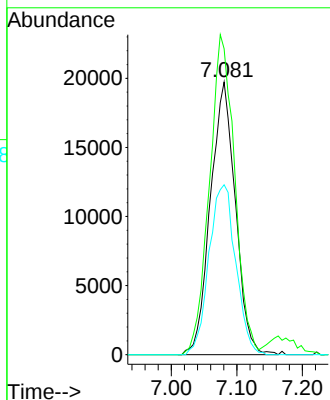
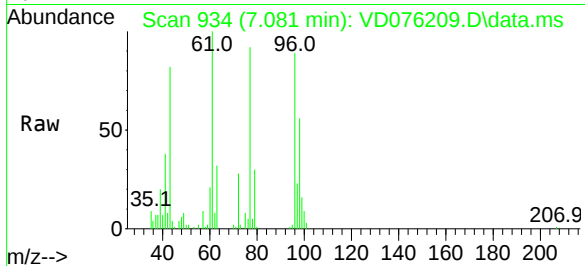


#27
 cis-1,2-Dichloroethene
 Concen: 20.386 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

Tgt Ion: 96 Resp: 52174

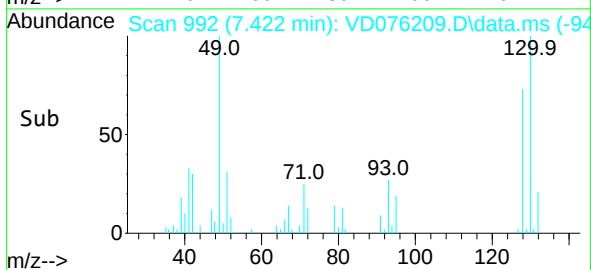
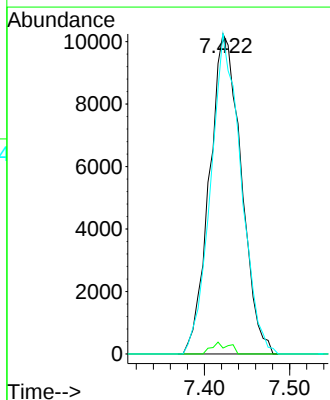
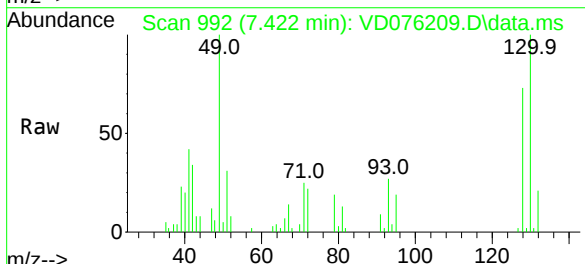
Ion	Ratio	Lower	Upper
96	100		
61	118.6	0.0	295.2
98	66.7	0.0	129.2

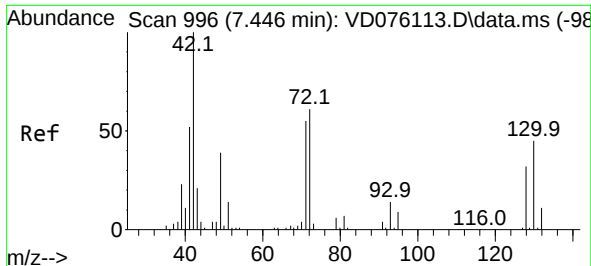


#28
 Bromochloromethane
 Concen: 21.406 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

Tgt Ion: 49 Resp: 26535

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	95.7	56.0	84.0





#29

Tetrahydrofuran

Concen: 106.095 ug/l

RT: 7.445 min Scan# 996

Delta R.T. 0.005 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

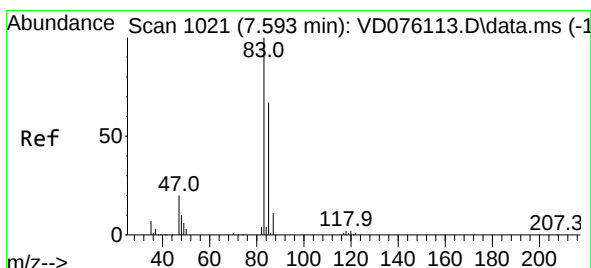
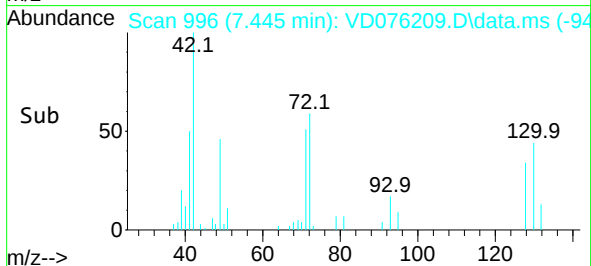
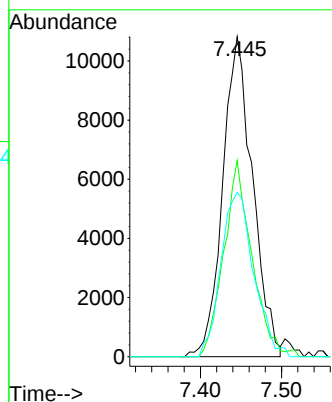
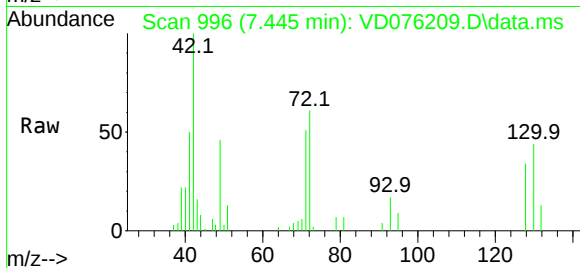
Tgt Ion: 42 Resp: 27683

Ion Ratio Lower Upper

42 100

72 58.1 31.8 47.6#

71 56.3 27.6 41.4#



#30

Chloroform

Concen: 21.258 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD076209.D

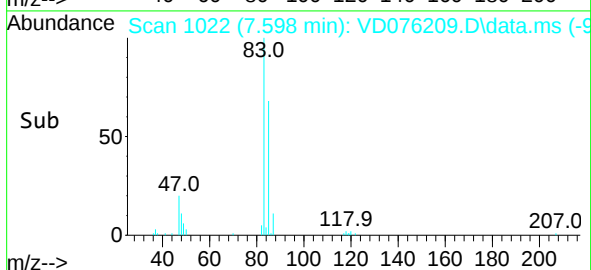
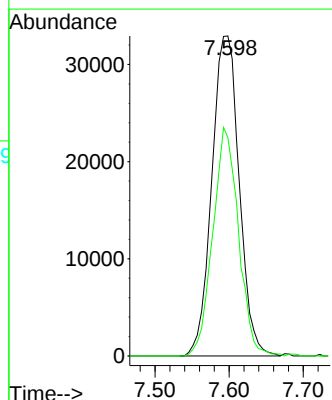
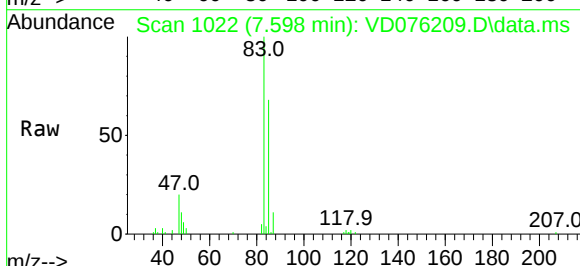
Acq: 24 May 2023 12:43

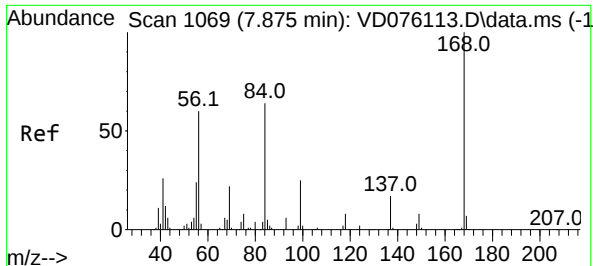
Tgt Ion: 83 Resp: 84517

Ion Ratio Lower Upper

83 100

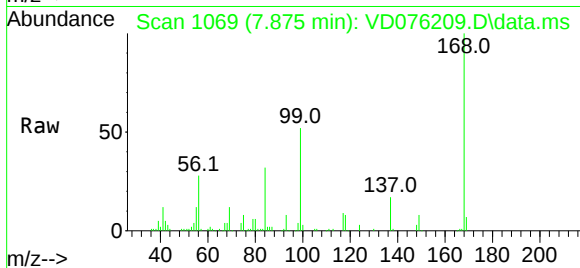
85 68.2 49.4 74.2



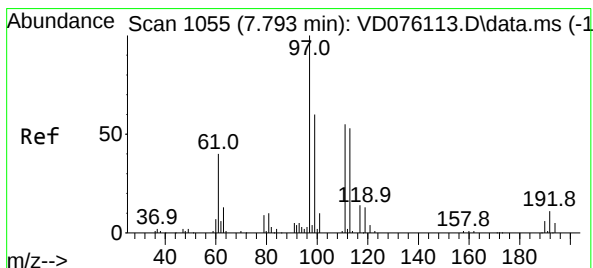
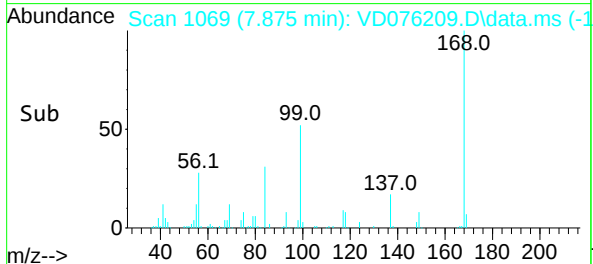
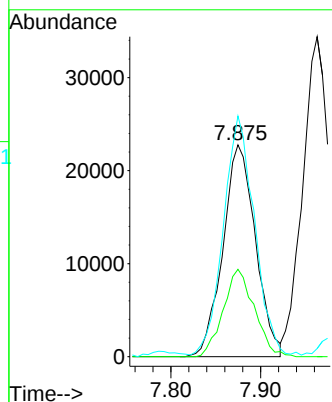


#31
Cyclohexane
Concen: 20.921 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

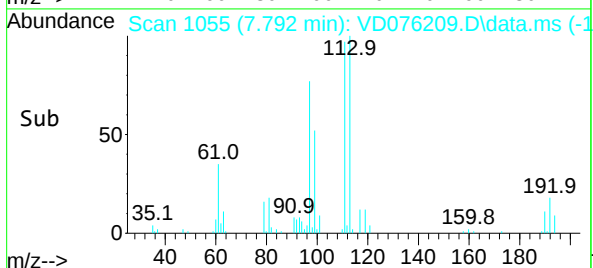
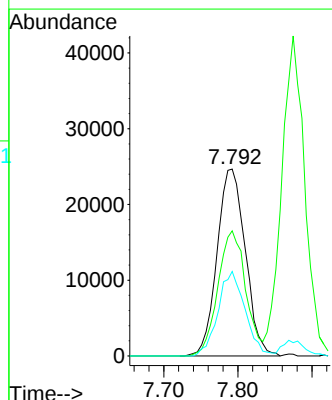
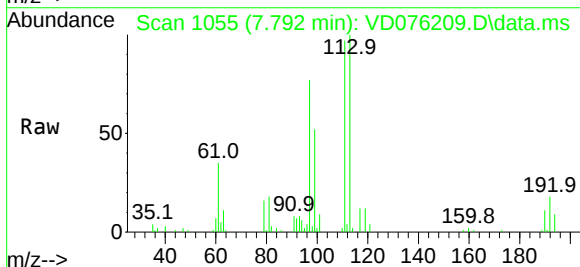


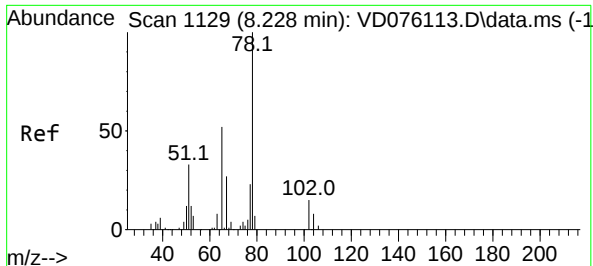
Tgt Ion: 56 Resp: 57337
Ion Ratio Lower Upper
56 100
69 41.2 25.5 38.3#
84 112.1 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.628 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 97 Resp: 65357
Ion Ratio Lower Upper
97 100
99 66.1 50.5 75.7
61 43.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.484 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

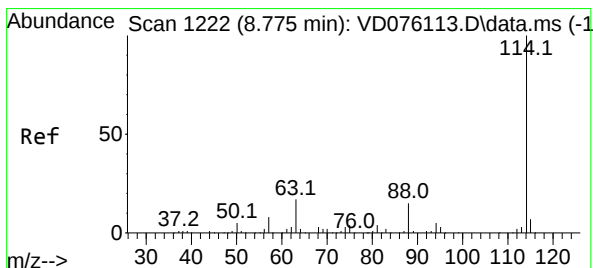
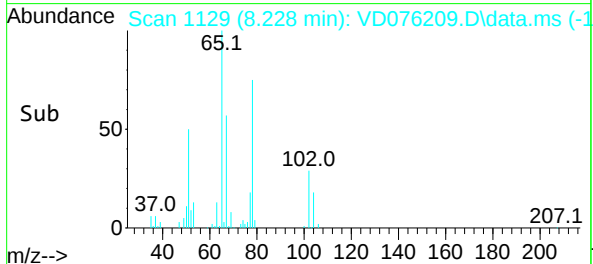
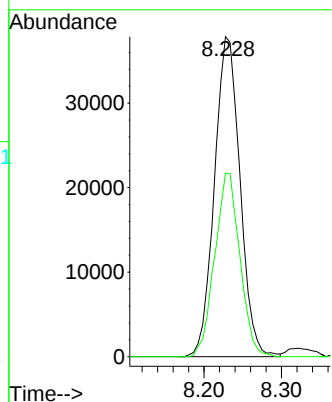
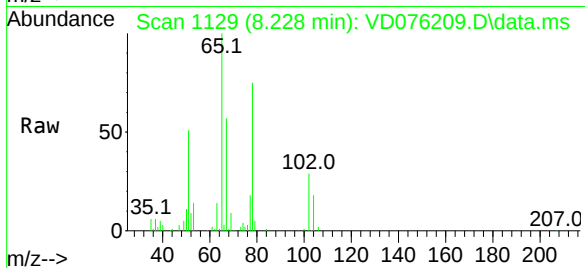
VD0524SBS01

Tgt Ion: 65 Resp: 86760

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

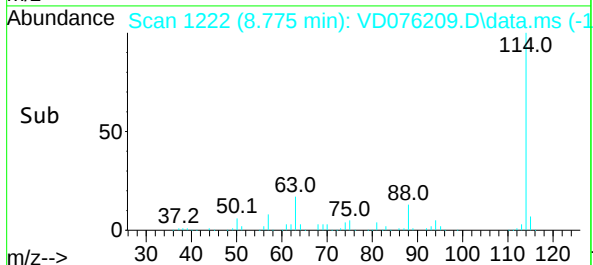
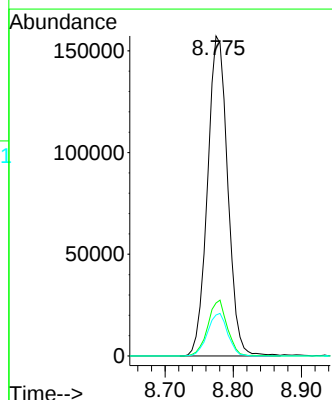
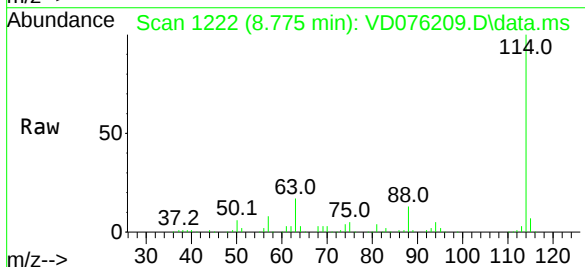
Tgt Ion: 114 Resp: 324677

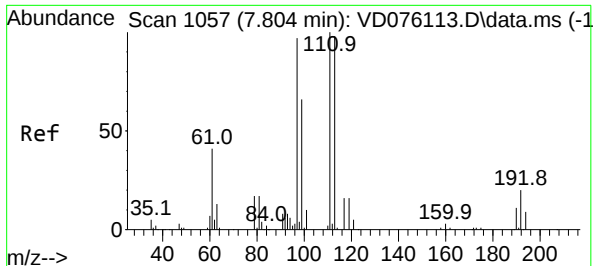
Ion Ratio Lower Upper

114 100

63 16.6 0.0 41.6

88 12.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.069 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

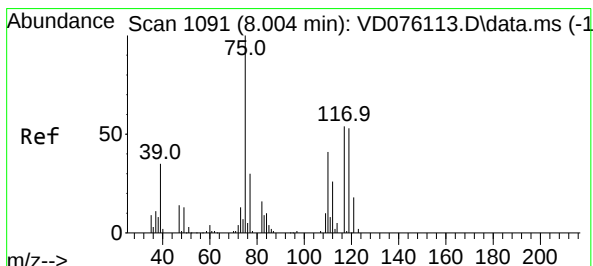
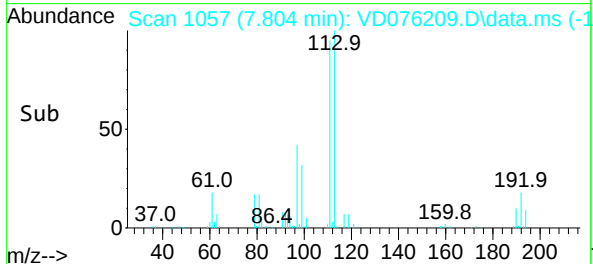
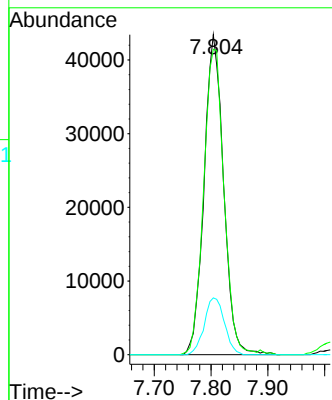
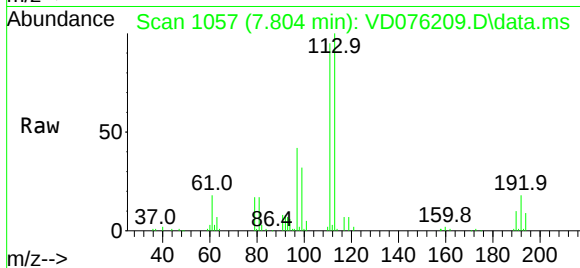
Tgt Ion:113 Resp: 103390

Ion Ratio Lower Upper

113 100

111 99.7 81.4 122.0

192 18.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 19.892 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

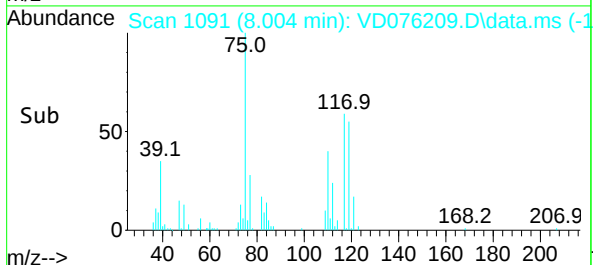
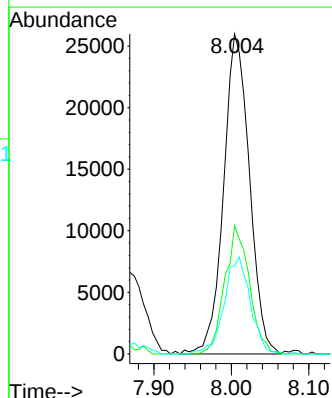
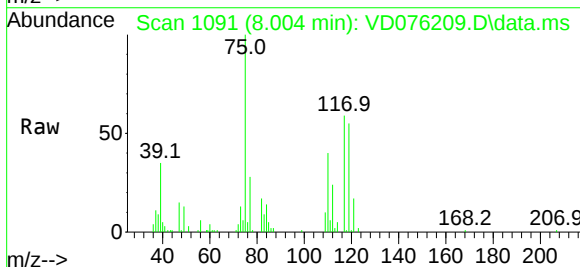
Tgt Ion: 75 Resp: 60292

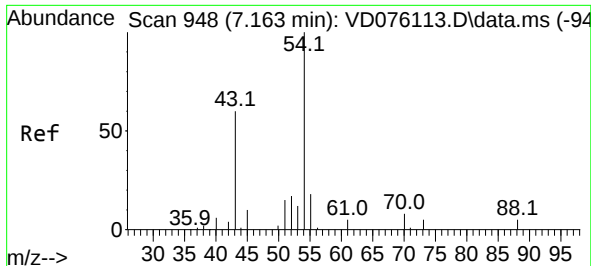
Ion Ratio Lower Upper

75 100

110 38.1 17.1 51.2

77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 21.219 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

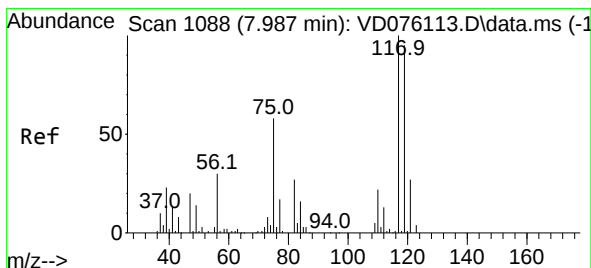
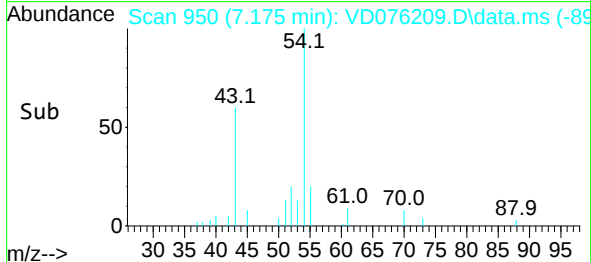
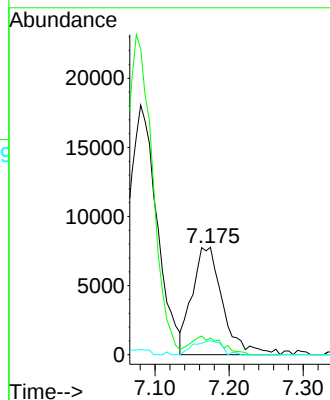
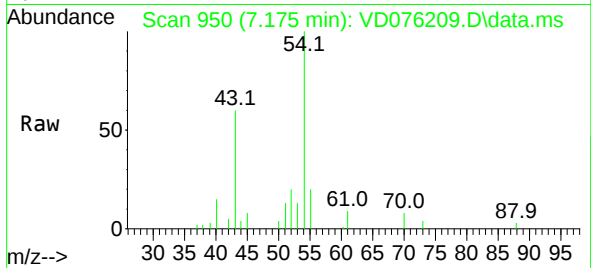
Tgt Ion: 43 Resp: 22271

Ion Ratio Lower Upper

43 100

61 17.6 0.0 0.0#

70 12.1 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 19.406 ug/l

RT: 7.986 min Scan# 1088

Delta R.T. -0.007 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

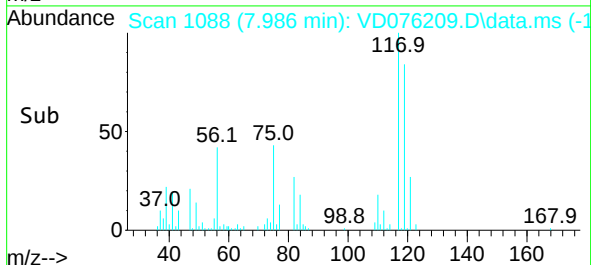
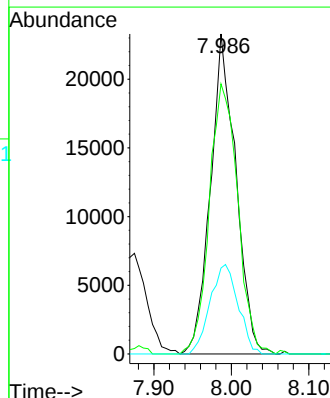
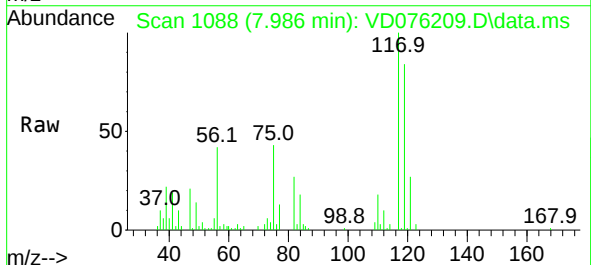
Tgt Ion: 117 Resp: 53129

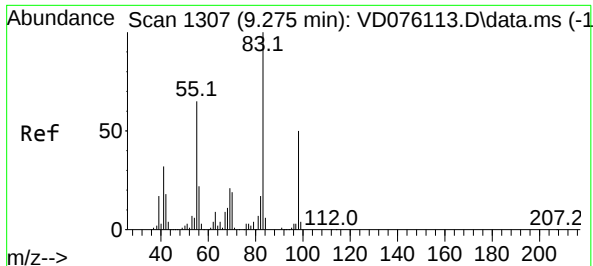
Ion Ratio Lower Upper

117 100

119 84.4 74.7 112.1

121 26.9 25.9 38.9





#39

Methylcyclohexane

Concen: 18.350 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

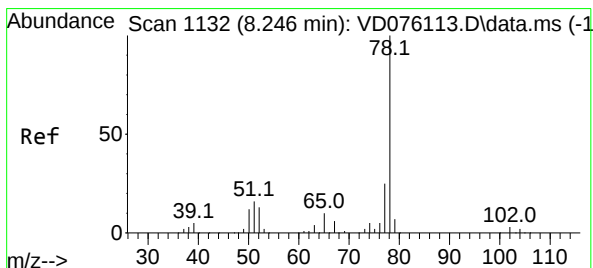
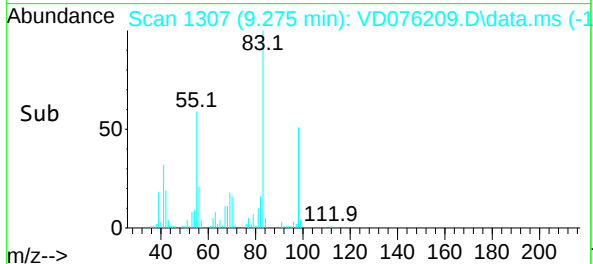
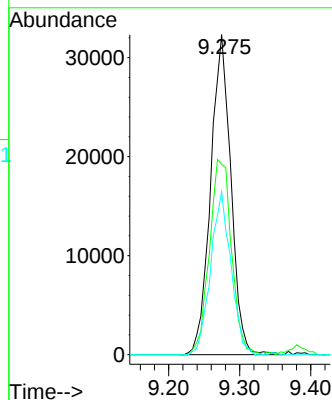
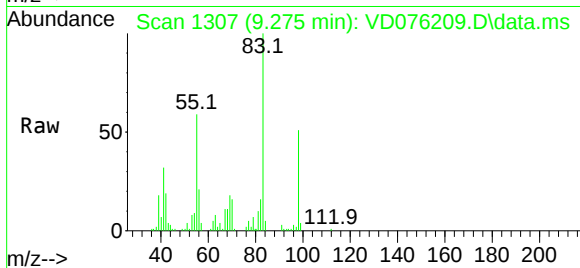
Tgt Ion: 83 Resp: 64034

Ion Ratio Lower Upper

83 100

55 59.5 56.8 85.2

98 50.9 38.9 58.3



#40

Benzene

Concen: 19.399 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD076209.D

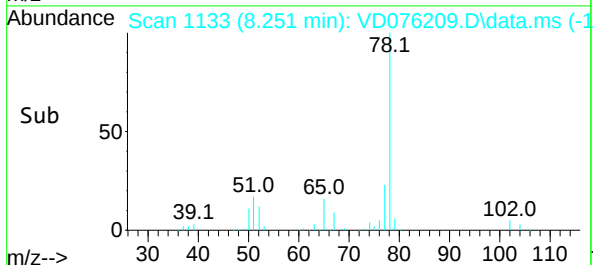
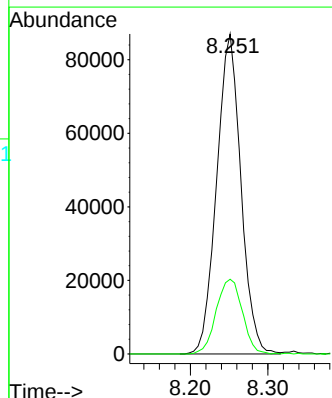
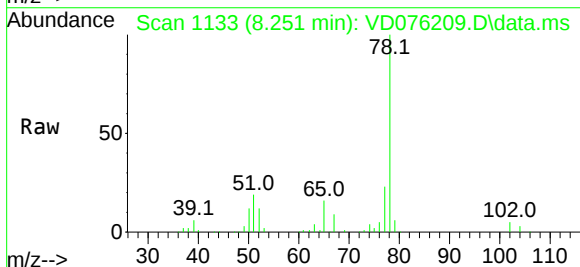
Acq: 24 May 2023 12:43

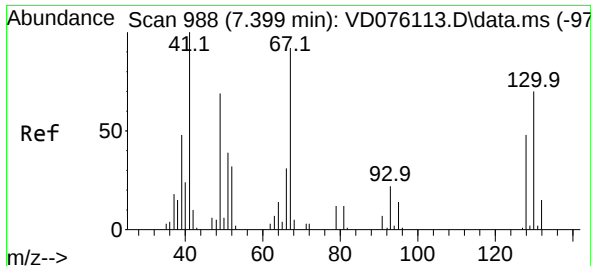
Tgt Ion: 78 Resp: 189038

Ion Ratio Lower Upper

78 100

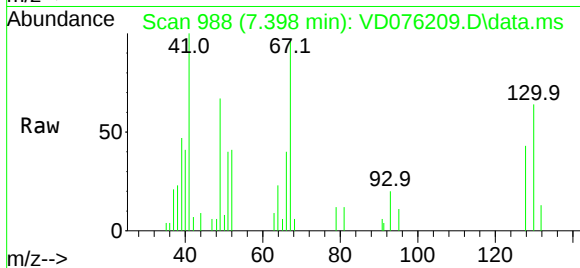
77 23.3 19.1 28.7



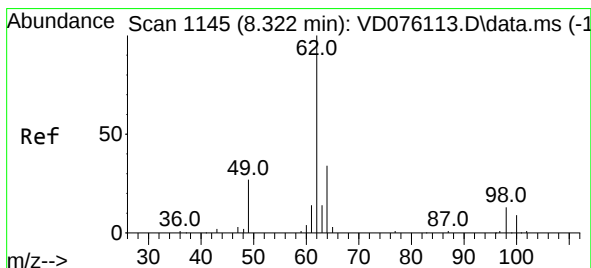
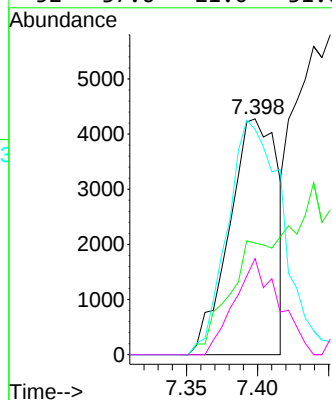
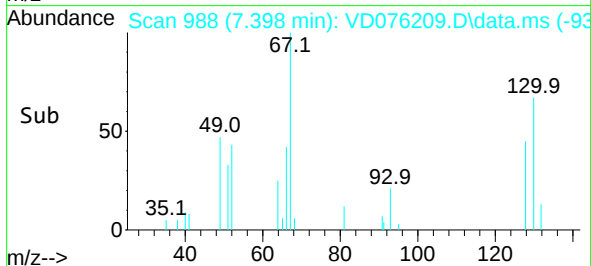


#41
Methacrylonitrile
Concen: 17.503 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

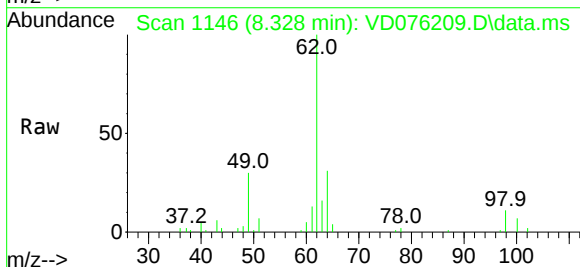
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01



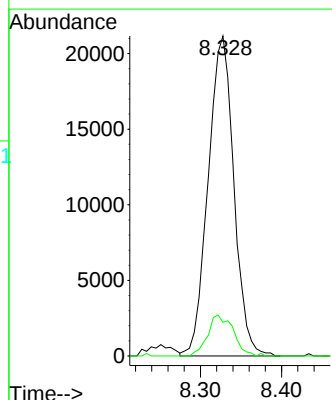
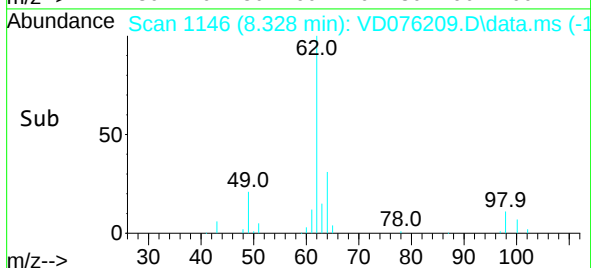
Tgt Ion: 41 Resp: 10073
Ion Ratio Lower Upper
41 100
39 43.8 45.3 67.9#
67 115.2 50.5 75.7#
52 37.6 21.0 31.6#

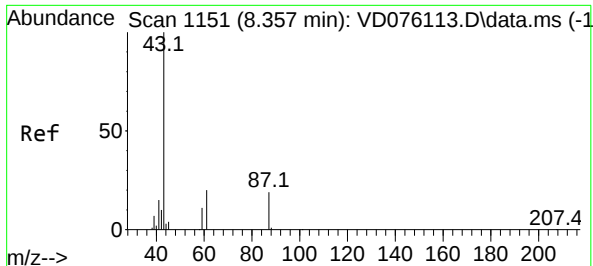


#42
1,2-Dichloroethane
Concen: 20.224 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43



Tgt Ion: 62 Resp: 46613
Ion Ratio Lower Upper
62 100
98 12.8 0.0 18.8





#43

Isopropyl Acetate

Concen: 19.101 ug/l

RT: 8.363 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

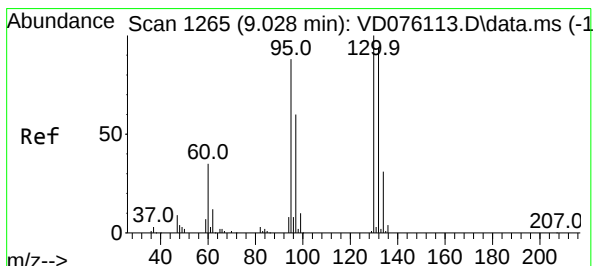
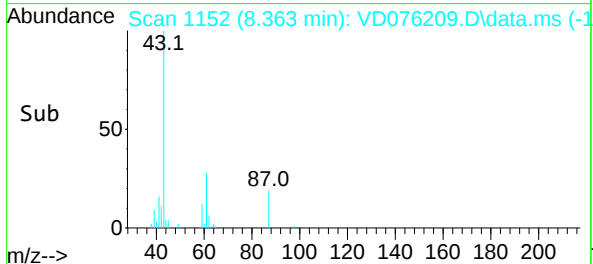
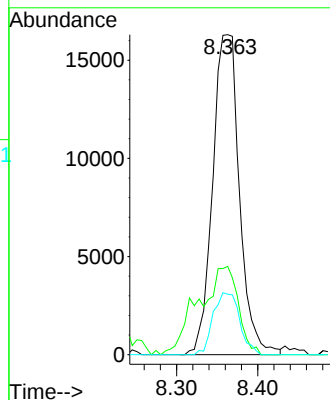
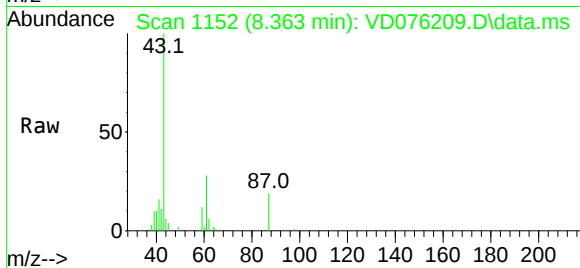
Tgt Ion: 43 Resp: 37450

Ion Ratio Lower Upper

43 100

61 40.8 23.4 35.0#

87 19.1 9.5 14.3#



#44

Trichloroethene

Concen: 18.128 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD076209.D

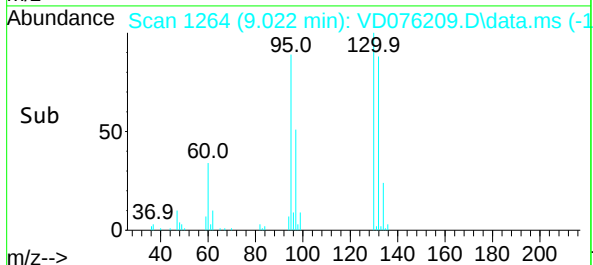
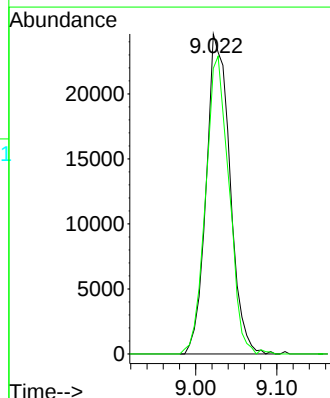
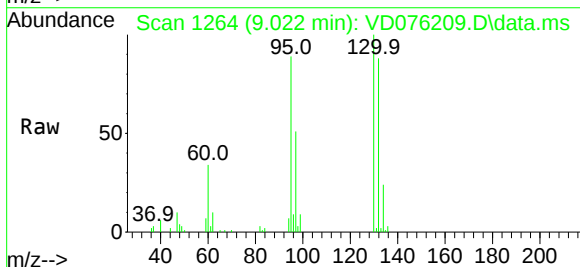
Acq: 24 May 2023 12:43

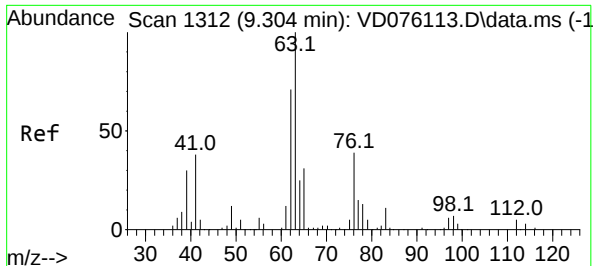
Tgt Ion:130 Resp: 49784

Ion Ratio Lower Upper

130 100

95 89.3 0.0 197.6





#45

1,2-Dichloropropane

Concen: 19.177 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

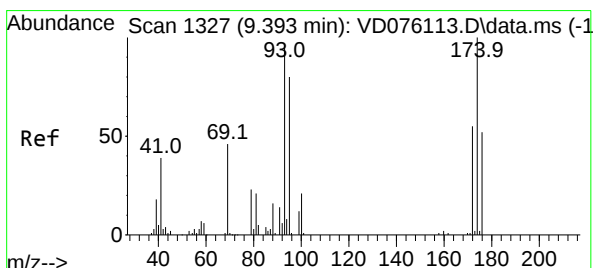
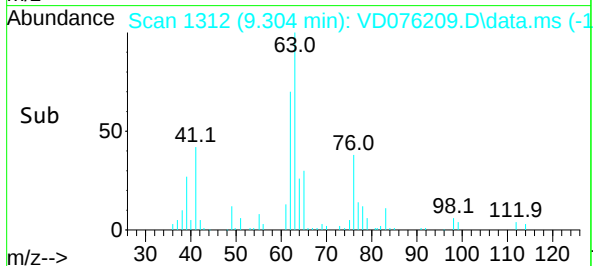
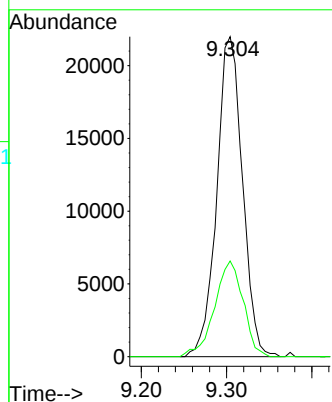
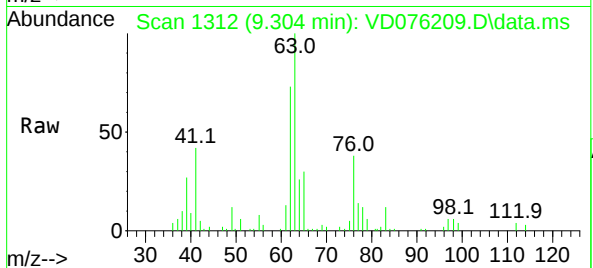
VD0524SBS01

Tgt Ion: 63 Resp: 46094

Ion Ratio Lower Upper

63 100

65 29.9 23.0 34.4



#46

Dibromomethane

Concen: 19.962 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

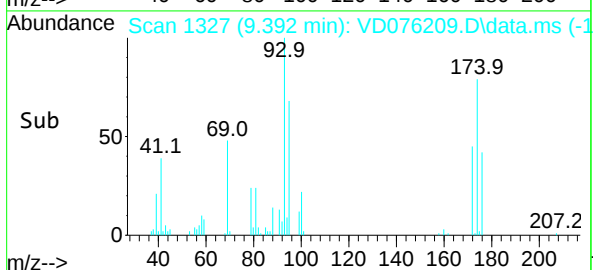
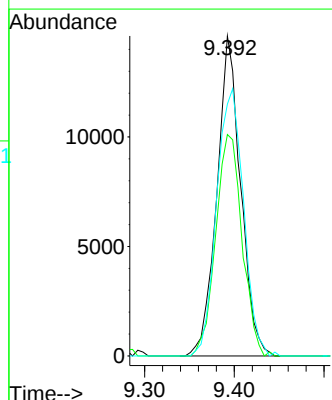
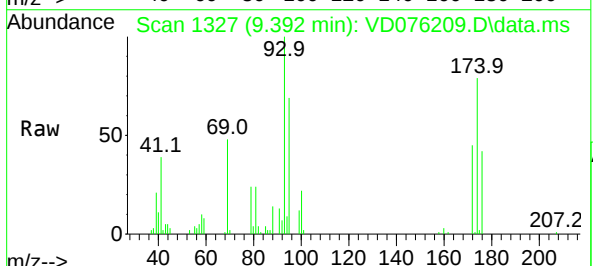
Tgt Ion: 93 Resp: 26895

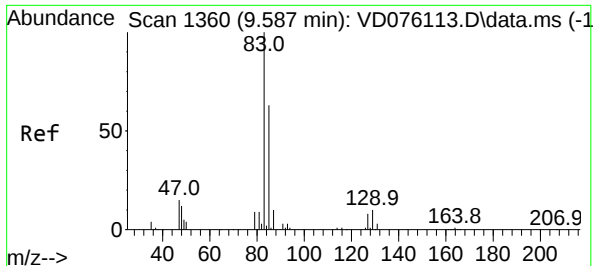
Ion Ratio Lower Upper

93 100

95 76.7 64.5 96.7

174 94.5 76.2 114.4





#47

Bromodichloromethane

Concen: 19.765 ug/l

RT: 9.580 min Scan# 11

Delta R.T. -0.007 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

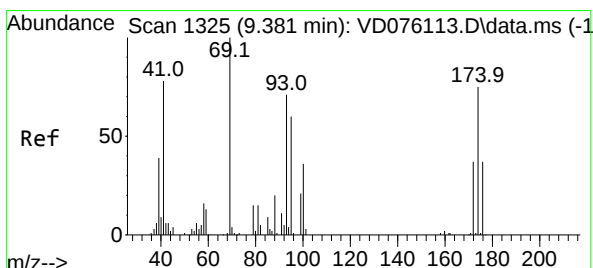
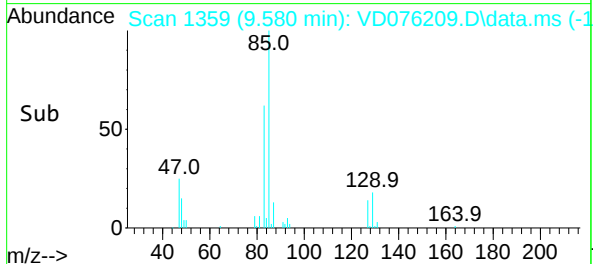
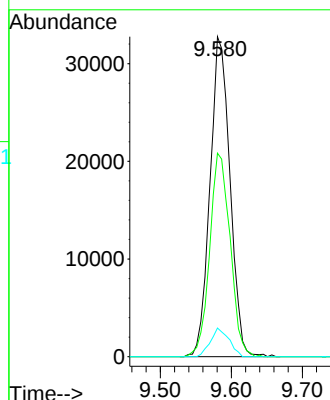
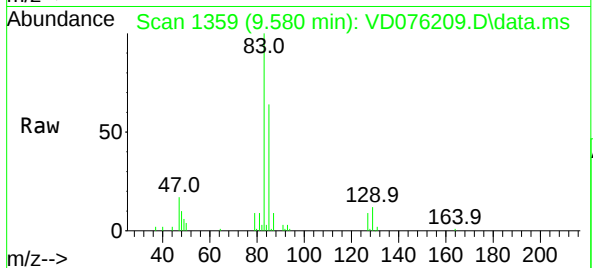
Tgt Ion: 83 Resp: 64000

Ion Ratio Lower Upper

83 100

85 63.6 53.7 80.5

127 8.9 7.0 10.6



#48

Methyl methacrylate

Concen: 18.319 ug/l

RT: 9.380 min Scan# 1325

Delta R.T. -0.001 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

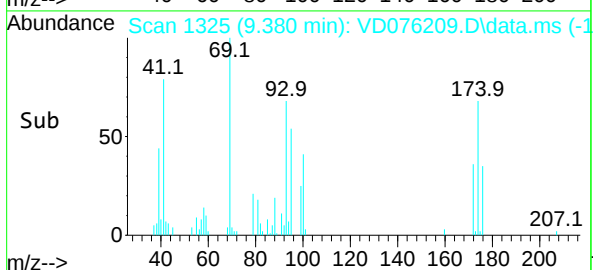
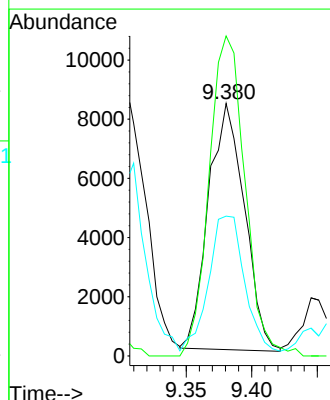
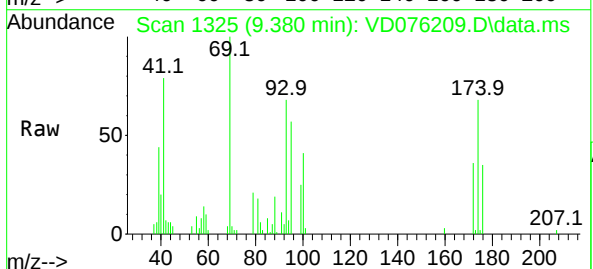
Tgt Ion: 41 Resp: 15896

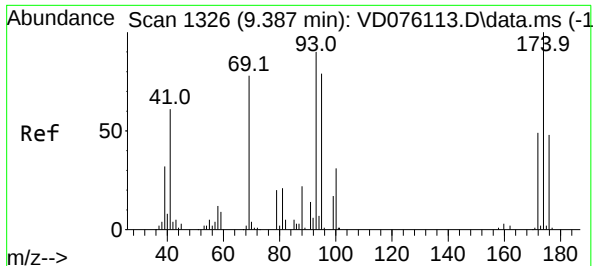
Ion Ratio Lower Upper

41 100

69 129.4 58.6 88.0#

39 58.7 53.4 80.0





#49

1,4-Dioxane

Concen: 387.861 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

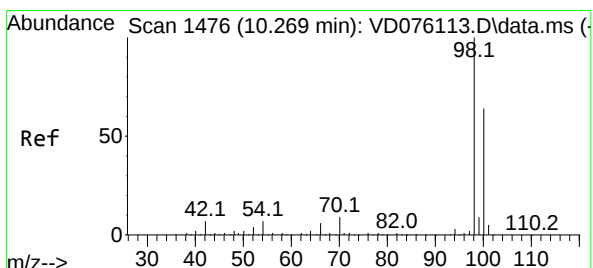
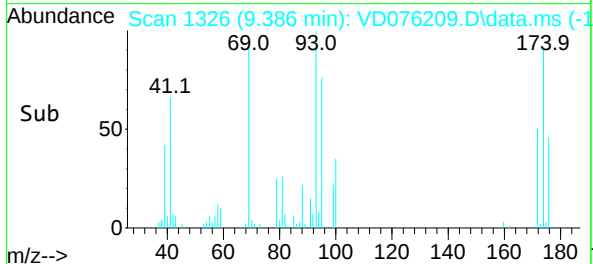
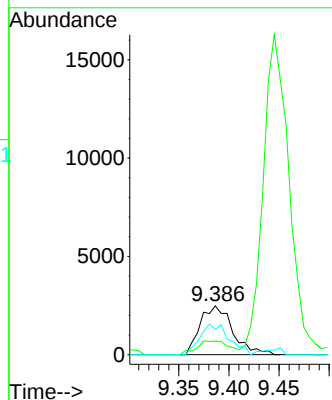
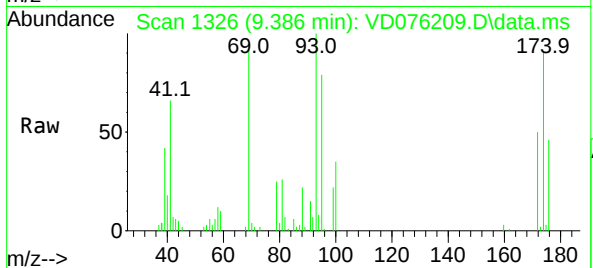
Tgt Ion: 88 Resp: 5588

Ion Ratio Lower Upper

88 100

43 28.7 34.6 51.8#

58 57.0 58.0 87.0#



#50

Toluene-d8

Concen: 44.912 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076209.D

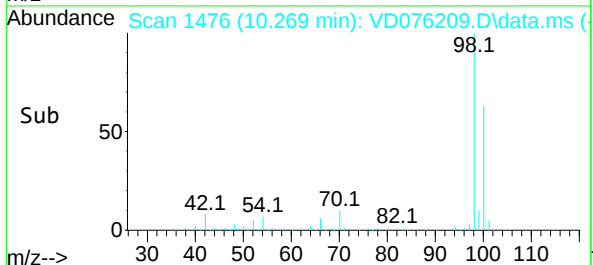
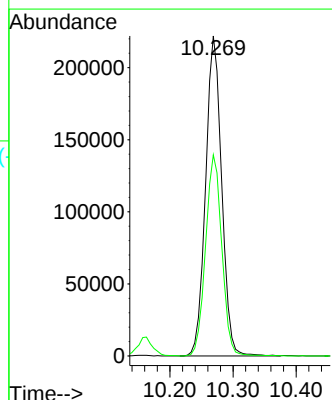
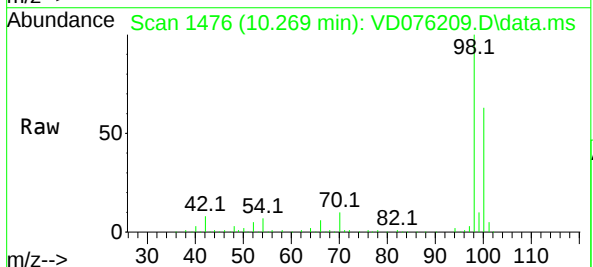
Acq: 24 May 2023 12:43

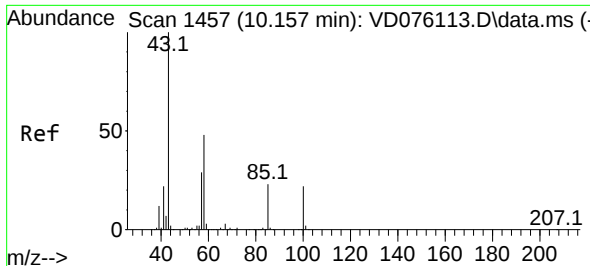
Tgt Ion: 98 Resp: 392914

Ion Ratio Lower Upper

98 100

100 63.5 52.1 78.1

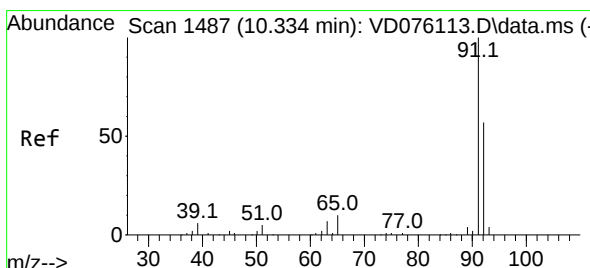
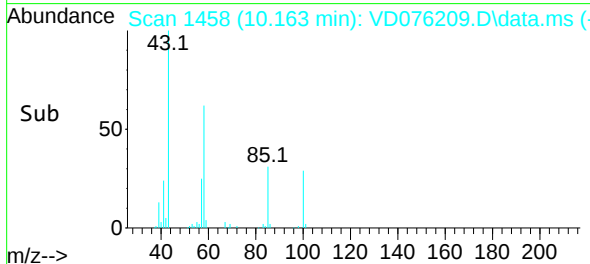
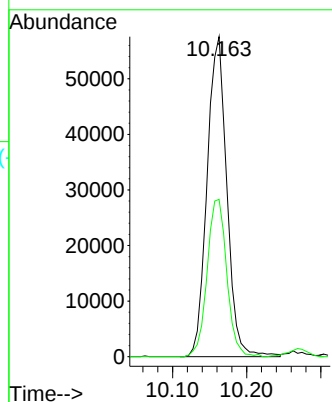
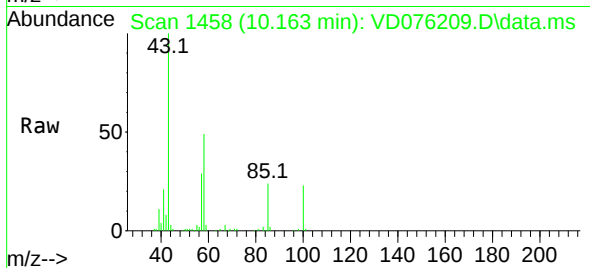




#51
4-Methyl-2-Pentanone
Concen: 102.183 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

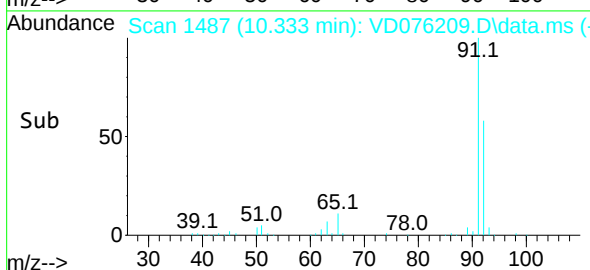
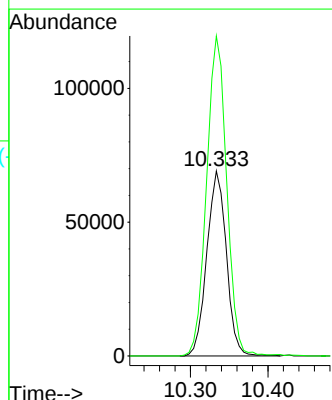
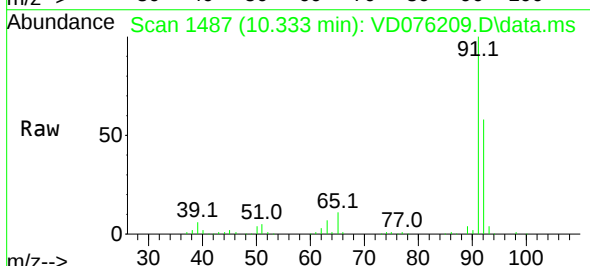
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

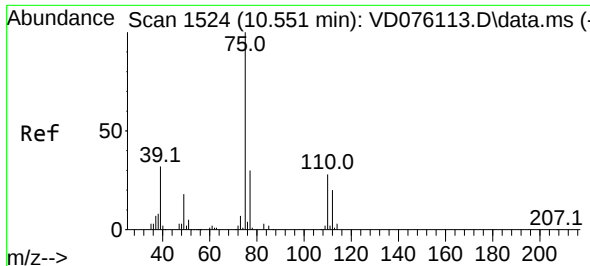
Tgt Ion: 43 Resp: 106550
Ion Ratio Lower Upper
43 100
58 48.9 29.5 44.3#



#52
Toluene
Concen: 19.878 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 92 Resp: 120977
Ion Ratio Lower Upper
92 100
91 178.5 136.5 204.7

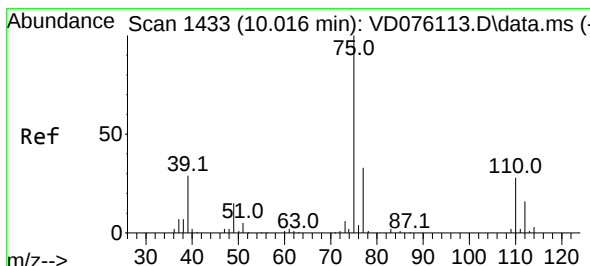
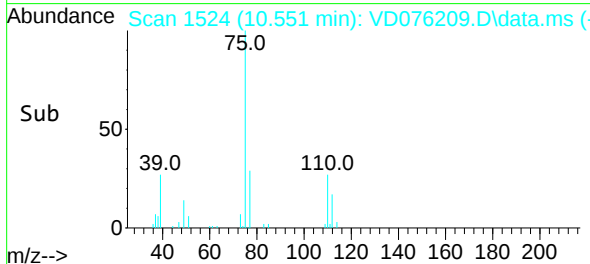
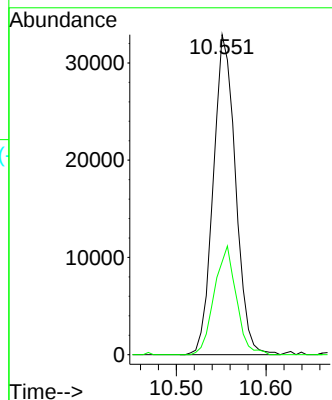
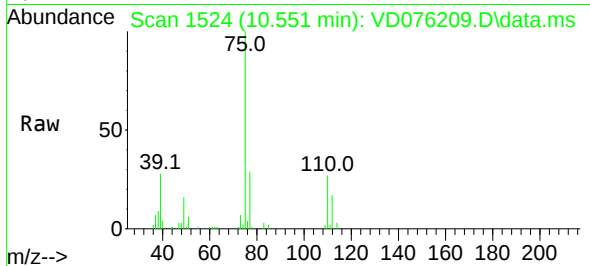




#53
 t-1,3-Dichloropropene
 Concen: 19.439 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

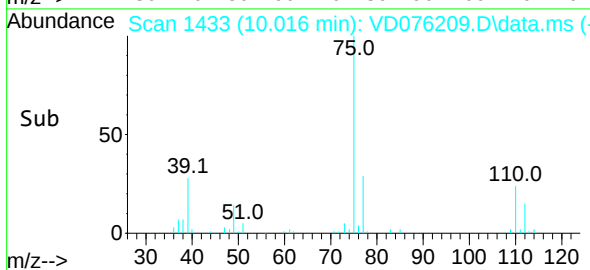
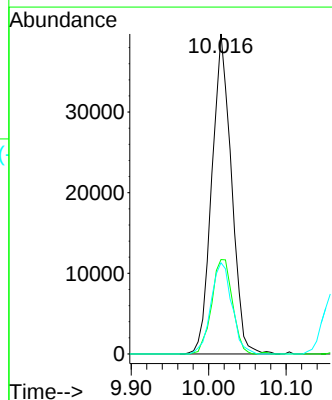
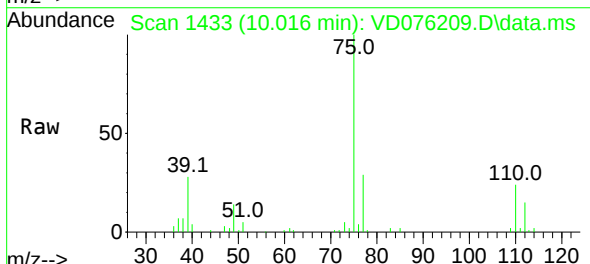
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

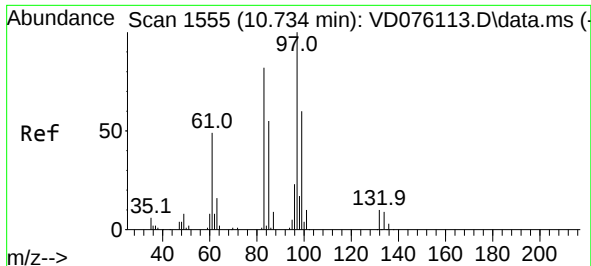
Tgt Ion: 75 Resp: 56728
 Ion Ratio Lower Upper
 75 100
 77 29.0 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.507 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

Tgt Ion: 75 Resp: 69474
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.6 38.4
 39 28.5 44.8 67.2#

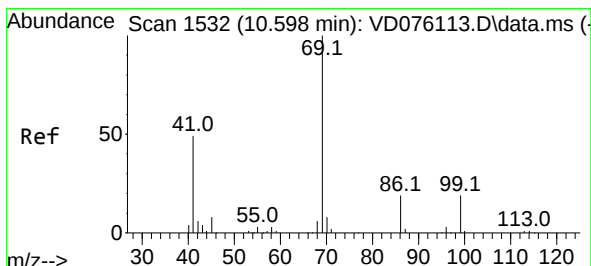
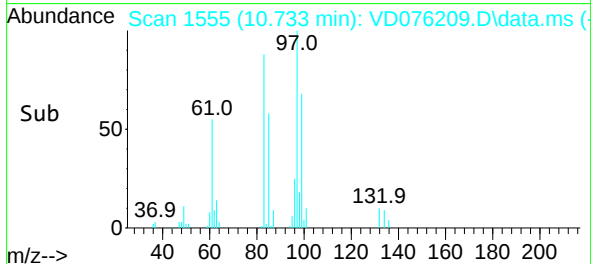
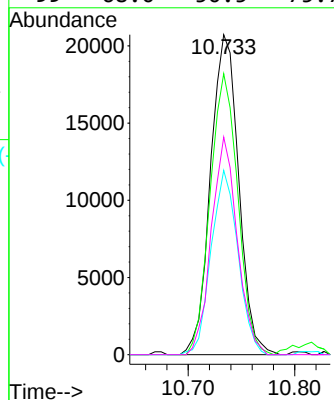
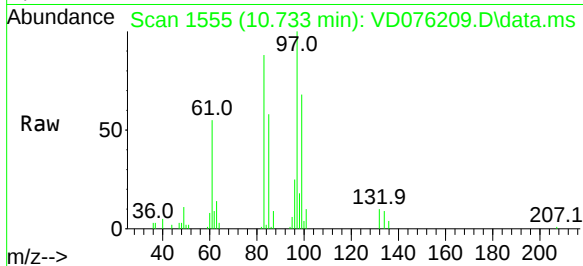




#55
1,1,2-Trichloroethane
Concen: 19.674 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

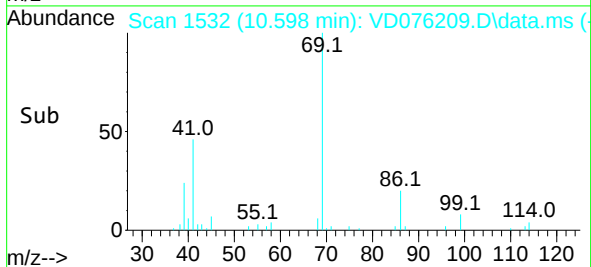
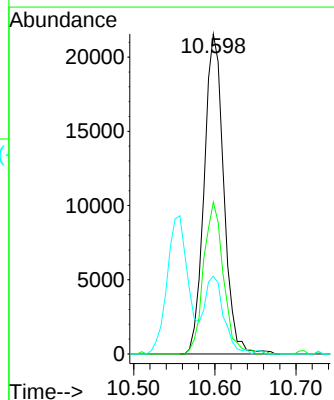
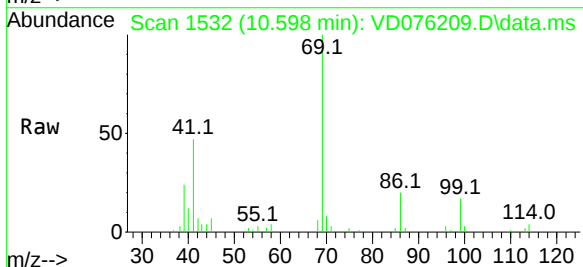
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

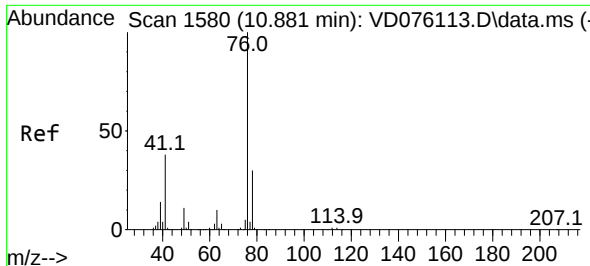
Tgt Ion:	97	Resp:	38011
Ion	Ratio	Lower	Upper
97	100		
83	87.8	74.2	111.4
85	57.6	45.4	68.0
99	68.0	50.5	75.7



#56
Ethyl methacrylate
Concen: 18.530 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion:	69	Resp:	35984
Ion	Ratio	Lower	Upper
69	100		
41	48.1	59.3	88.9#
39	23.4	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 19.686 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

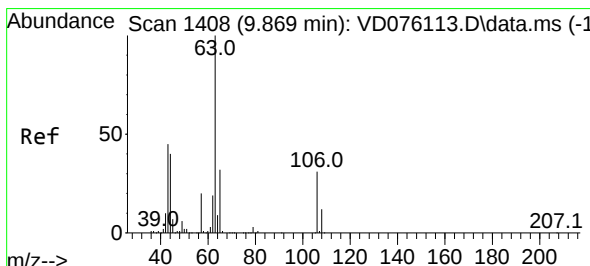
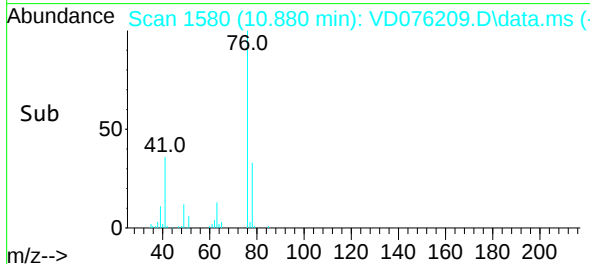
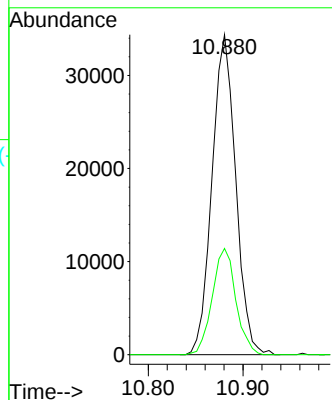
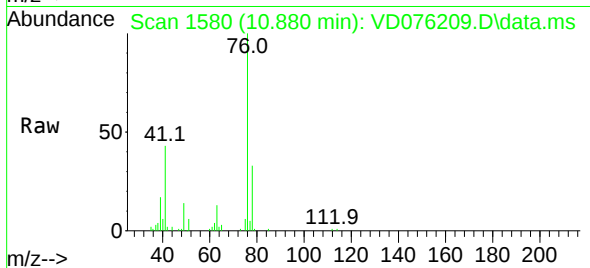
VD0524SBS01

Tgt Ion: 76 Resp: 59671

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.813 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076209.D

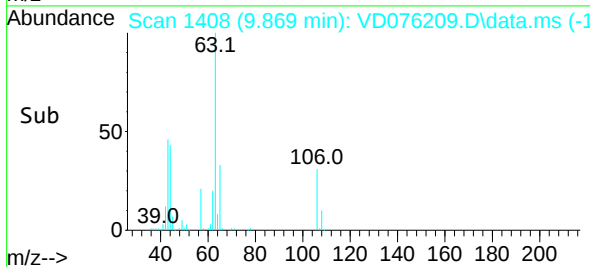
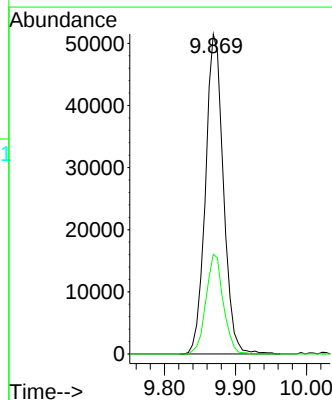
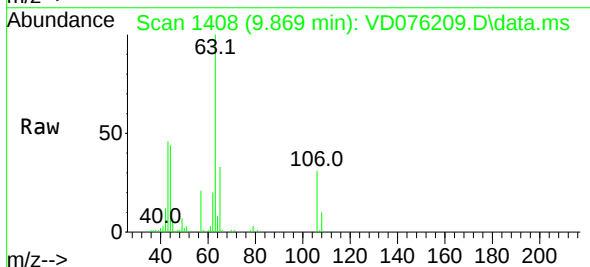
Acq: 24 May 2023 12:43

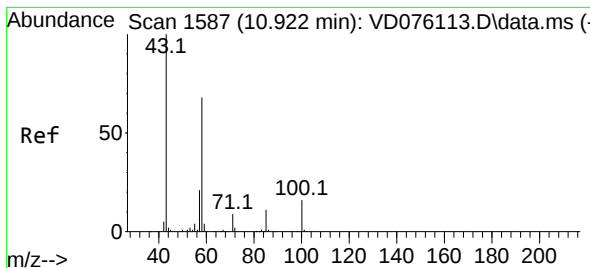
Tgt Ion: 63 Resp: 90207

Ion Ratio Lower Upper

63 100

106 30.1 21.4 32.2

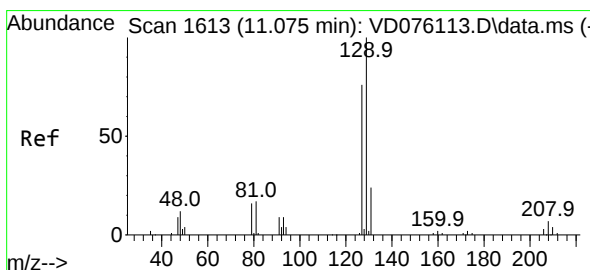
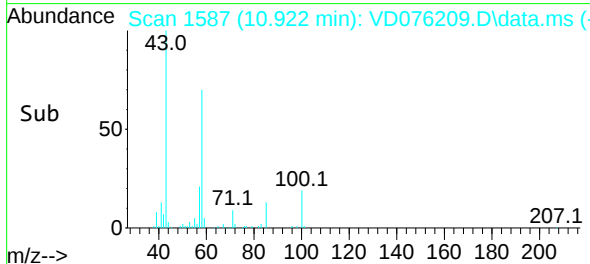
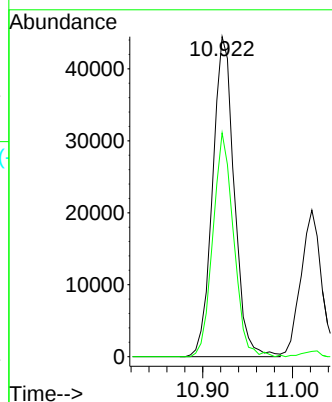
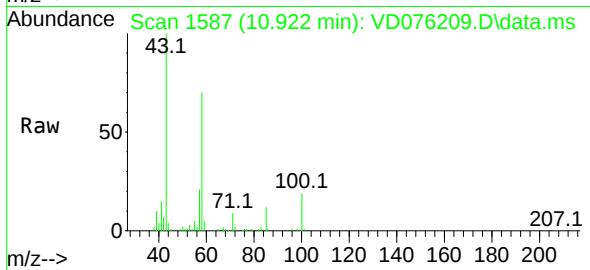




#59
2-Hexanone
Concen: 101.232 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

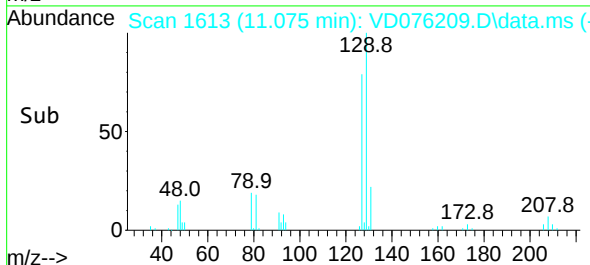
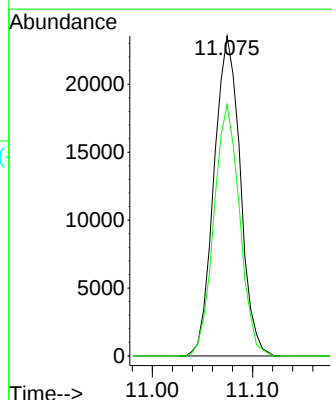
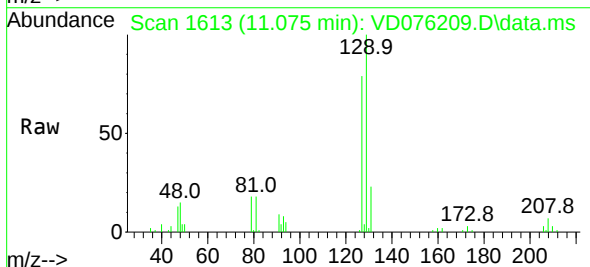
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

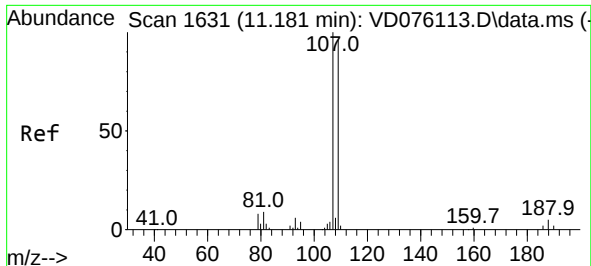
Tgt Ion: 43 Resp: 74443
Ion Ratio Lower Upper
43 100
58 66.9 25.3 75.8



#60
Dibromochloromethane
Concen: 19.694 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 129 Resp: 42783
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

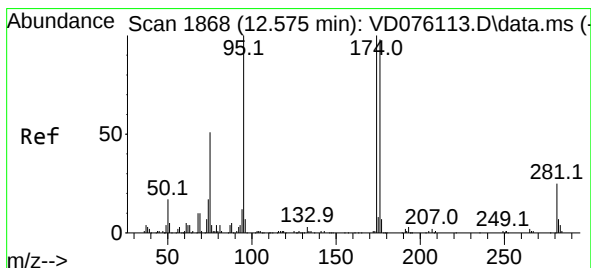
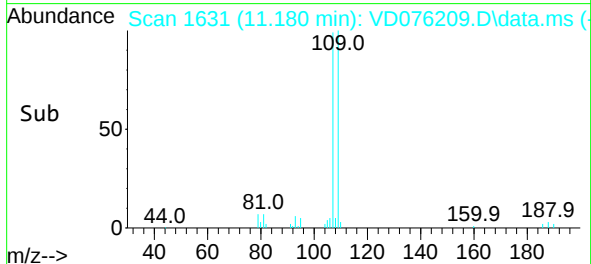
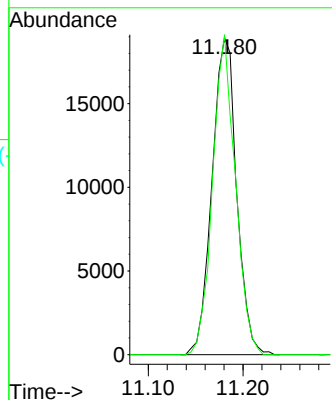
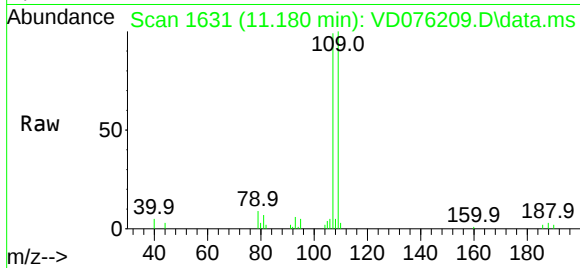




#61
1,2-Dibromoethane
Concen: 19.868 ug/l
RT: 11.180 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

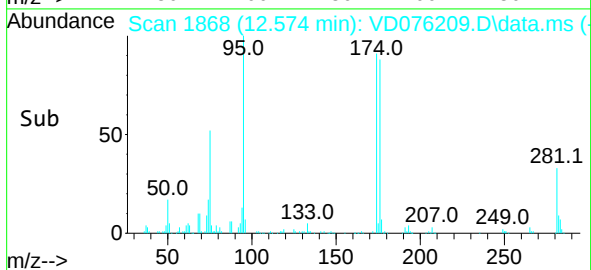
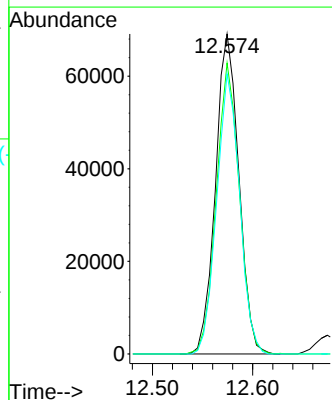
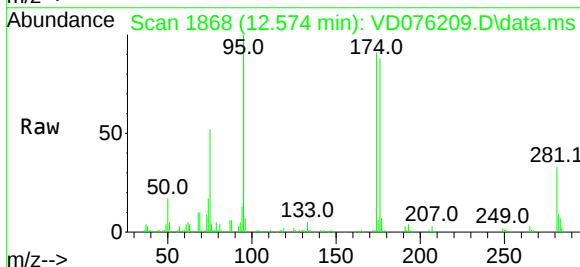
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

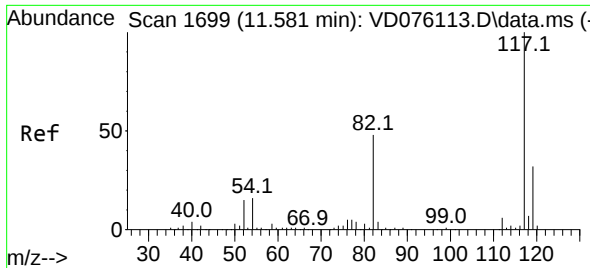
Tgt Ion:107 Resp: 34147
Ion Ratio Lower Upper
107 100
109 93.3 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 46.004 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 95 Resp: 111800
Ion Ratio Lower Upper
95 100
174 89.5 0.0 164.0
176 85.7 0.0 156.8

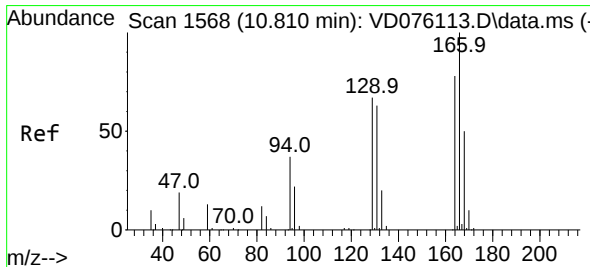
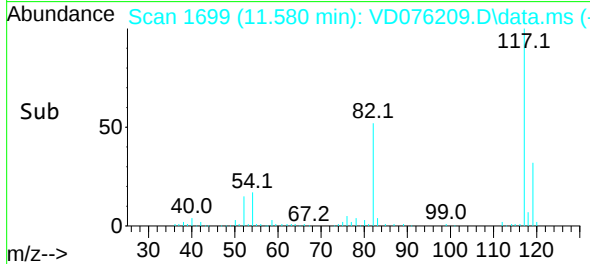
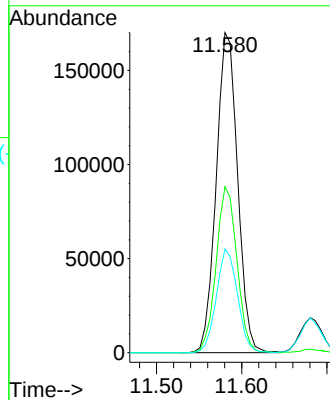
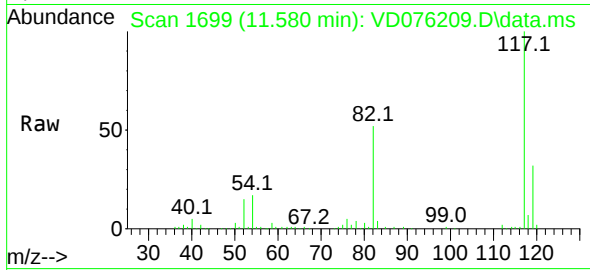




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

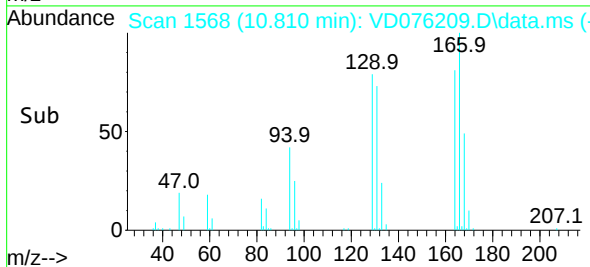
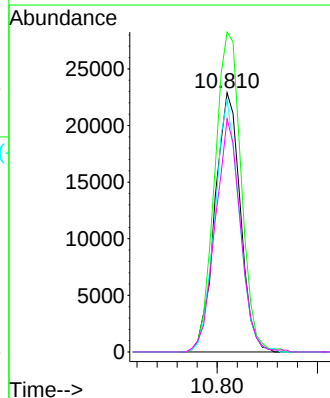
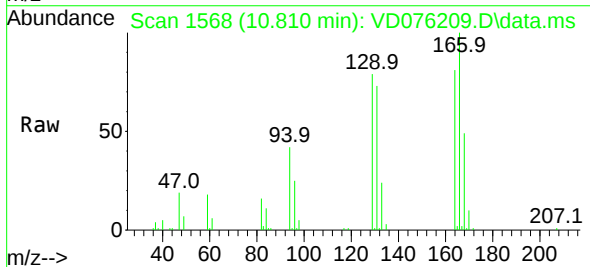
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

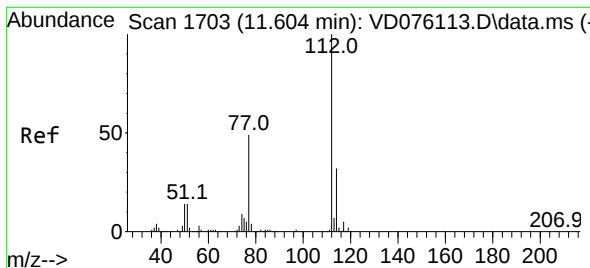
Tgt Ion:117 Resp: 296889
Ion Ratio Lower Upper
117 100
82 51.9 44.0 66.0
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 17.564 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion:164 Resp: 40098
Ion Ratio Lower Upper
164 100
166 123.5 94.9 142.3
129 97.3 73.0 109.6
131 90.0 69.2 103.8





#65

Chlorobenzene

Concen: 18.978 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

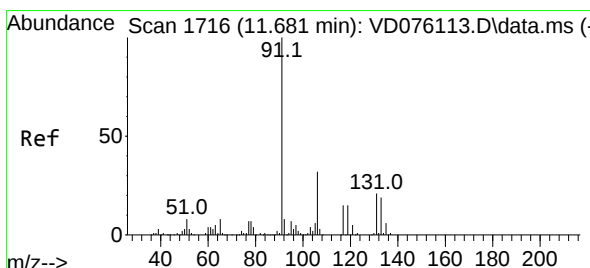
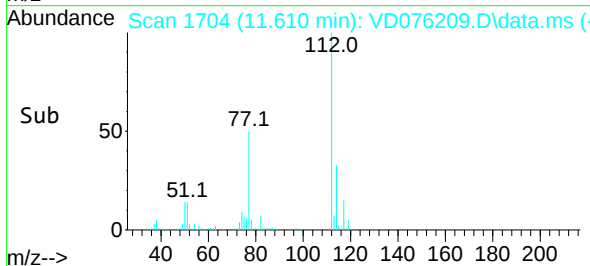
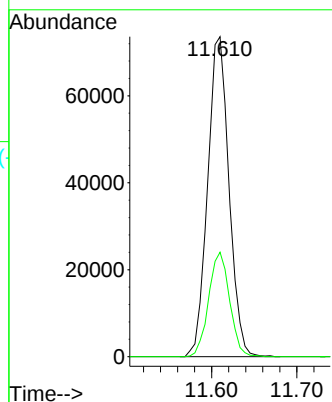
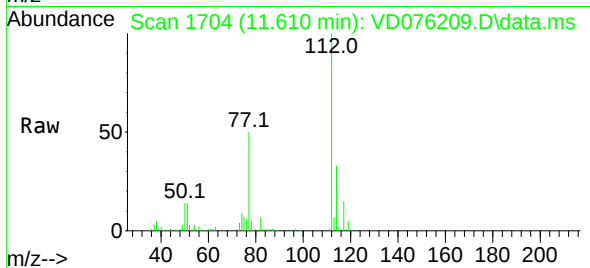
VD0524SBS01

Tgt Ion:112 Resp: 128273

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.062 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.001 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

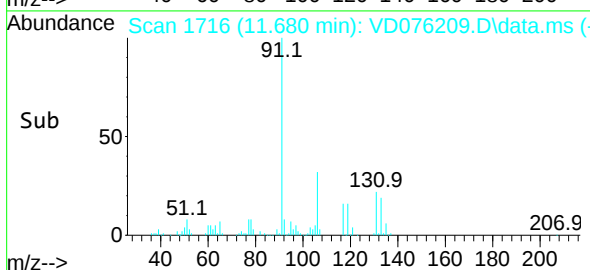
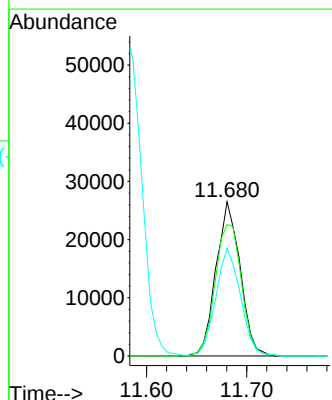
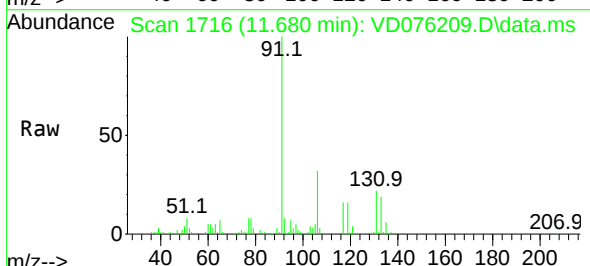
Tgt Ion:131 Resp: 44337

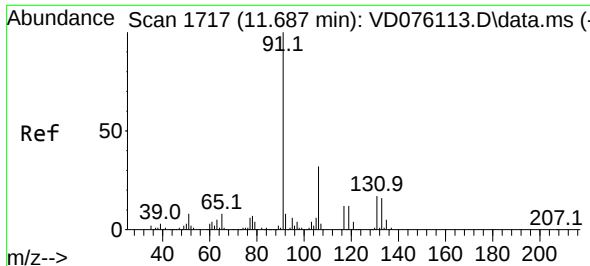
Ion Ratio Lower Upper

131 100

133 93.0 46.7 140.0

119 71.6 31.9 95.9

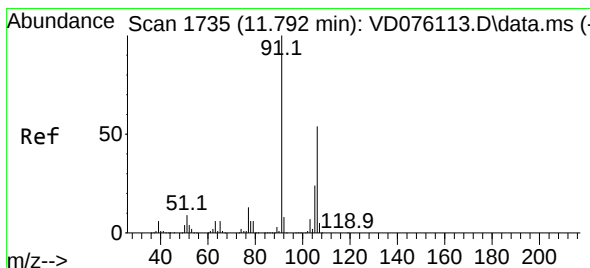
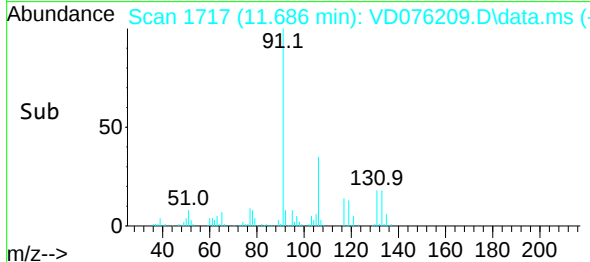
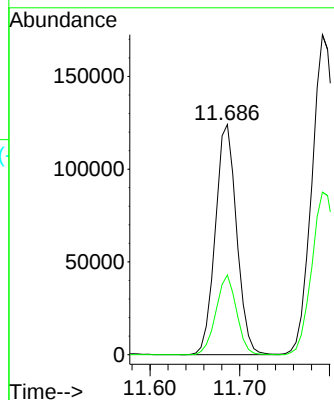
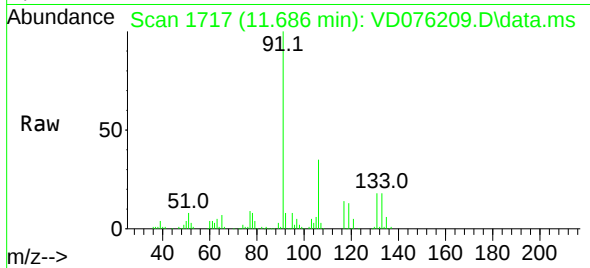




#67
Ethyl Benzene
Concen: 18.958 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

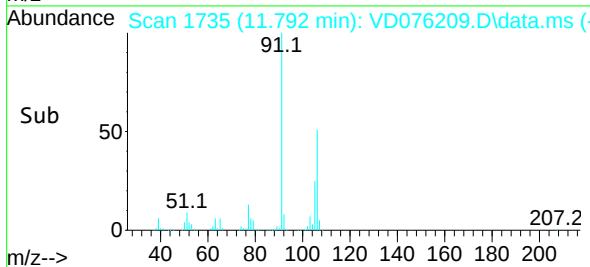
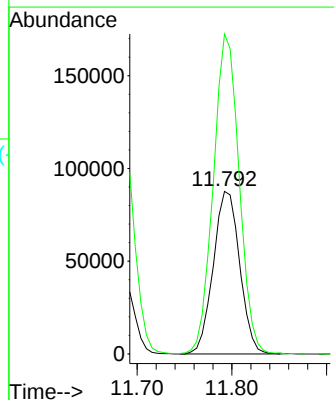
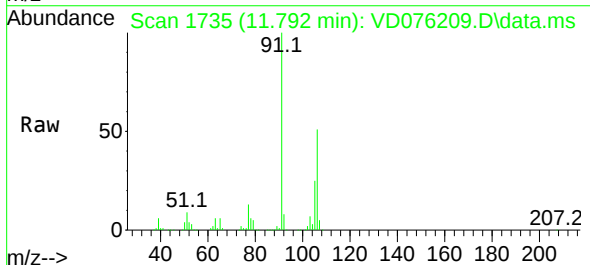
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

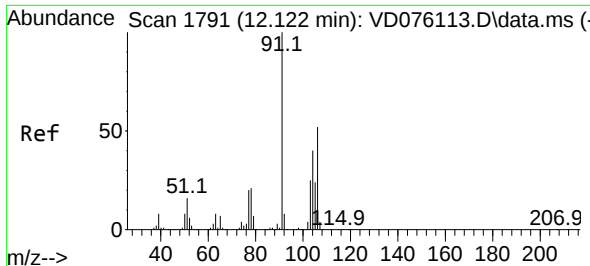
Tgt Ion: 91 Resp: 204752
Ion Ratio Lower Upper
91 100
106 34.6 24.5 36.7



#68
m/p-Xylenes
Concen: 38.454 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion:106 Resp: 169738
Ion Ratio Lower Upper
106 100
91 191.8 161.5 242.3

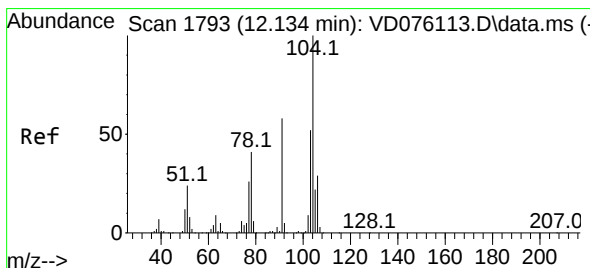
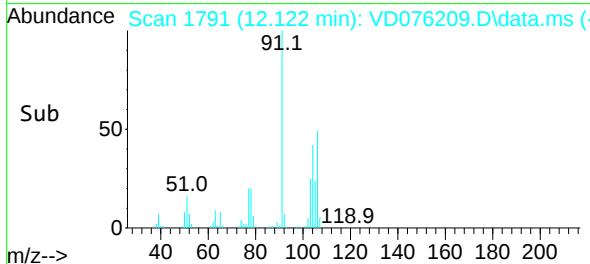
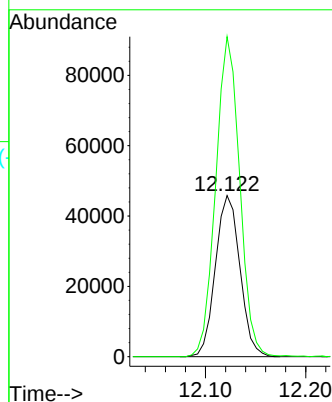
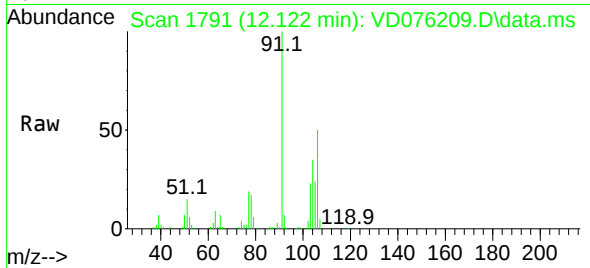




#69
o-Xylene
Concen: 19.284 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

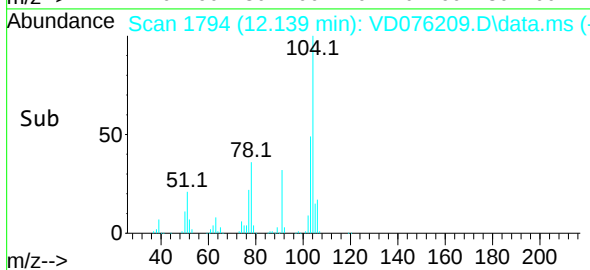
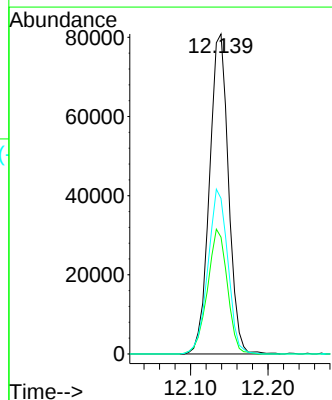
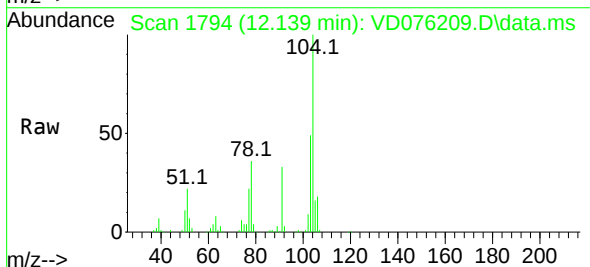
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

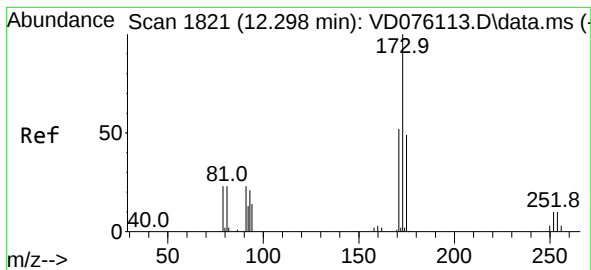
Tgt Ion:106 Resp: 77670
Ion Ratio Lower Upper
106 100
91 194.8 105.7 317.1



#70
Styrene
Concen: 19.739 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion:104 Resp: 137838
Ion Ratio Lower Upper
104 100
78 40.7 40.2 60.4
103 53.8 44.2 66.2





#71

Bromoform

Concen: 19.240 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

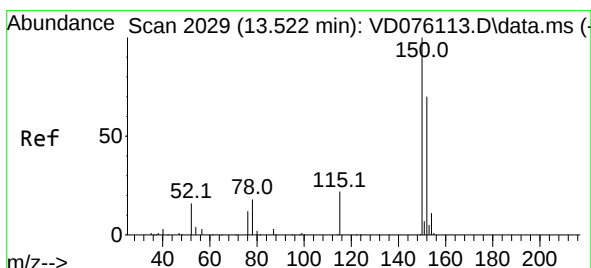
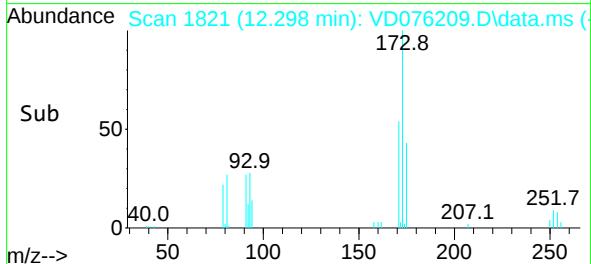
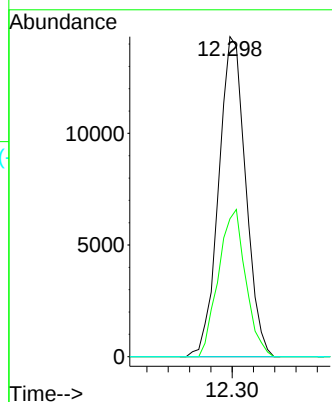
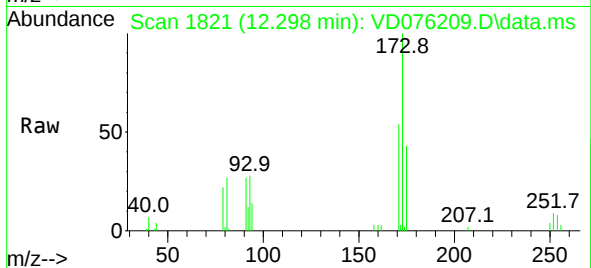
Tgt Ion:173 Resp: 25173

Ion Ratio Lower Upper

173 100

175 46.4 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.521 min Scan# 2029

Delta R.T. -0.001 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

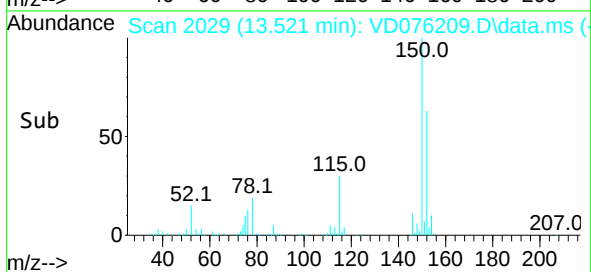
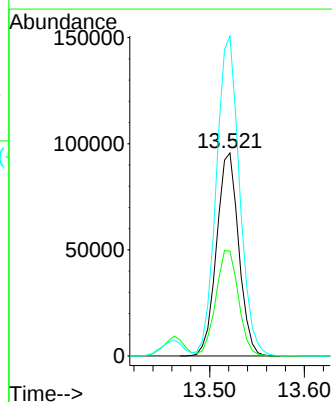
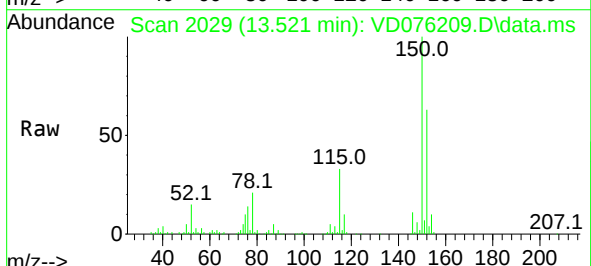
Tgt Ion:152 Resp: 155456

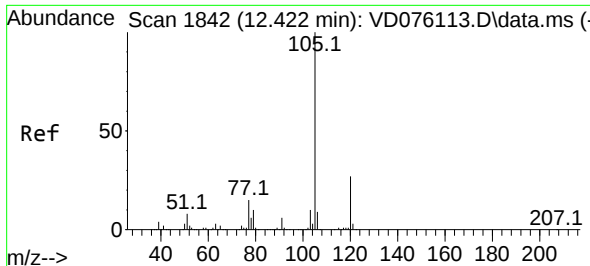
Ion Ratio Lower Upper

152 100

115 53.2 30.1 90.3

150 165.3 0.0 364.8

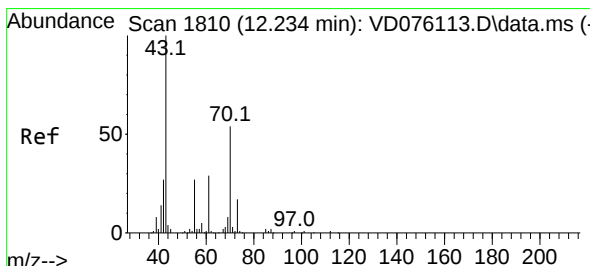
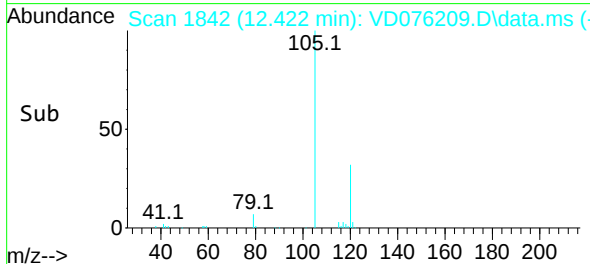
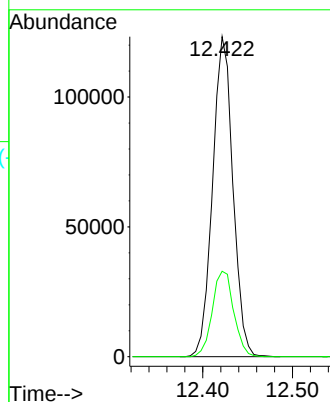
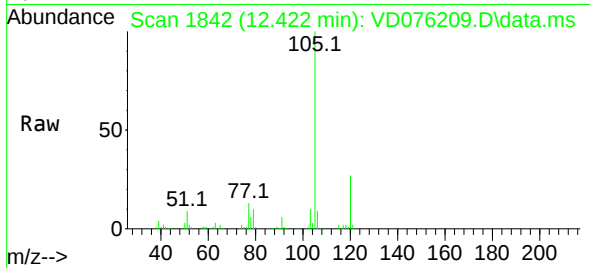




#73
Isopropylbenzene
Concen: 18.854 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

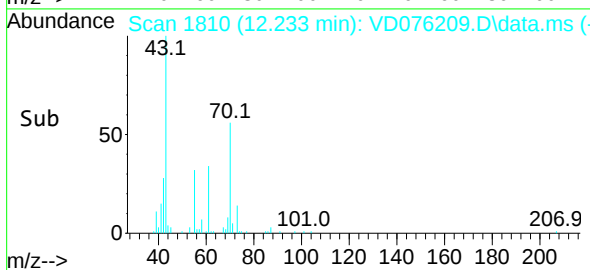
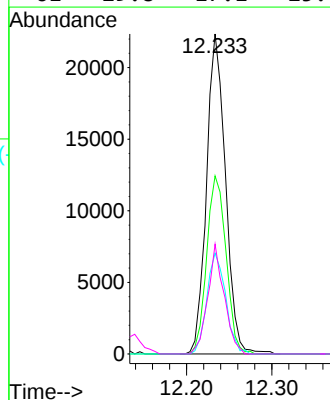
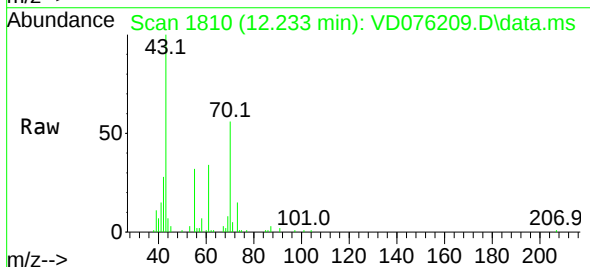
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

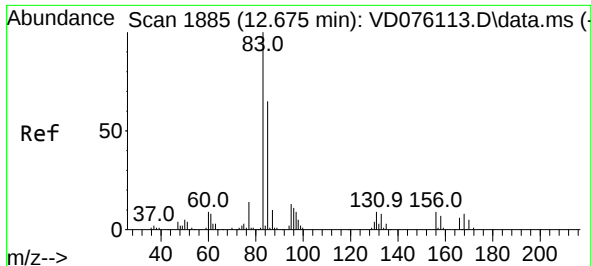
Tgt Ion:105 Resp: 193884
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1



#74
N-ethyl acetate
Concen: 18.882 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 43 Resp: 34586
Ion Ratio Lower Upper
43 100
70 56.6 31.0 46.4#
55 31.3 18.6 28.0#
61 29.8 17.1 25.7#

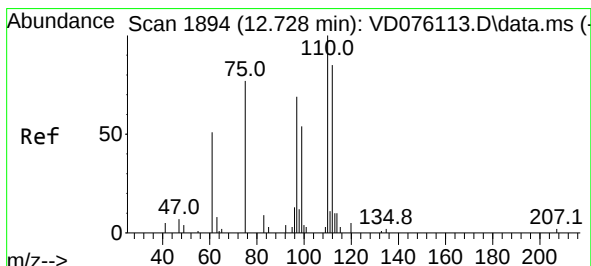
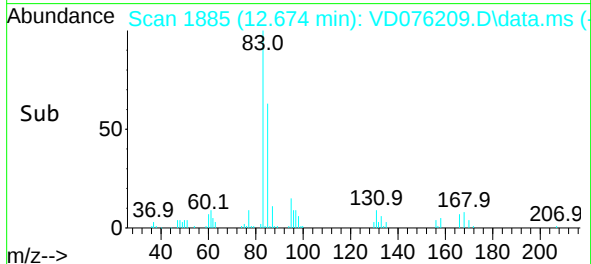
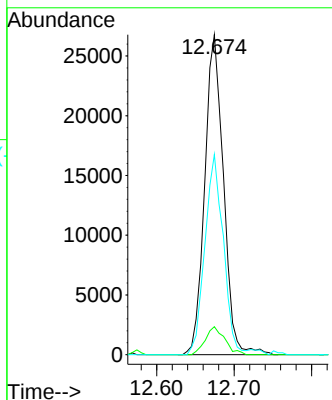
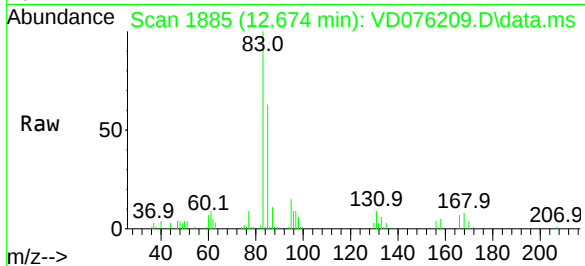




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.389 ug/l
 RT: 12.674 min Scan# 1885
 Delta R.T. -0.001 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

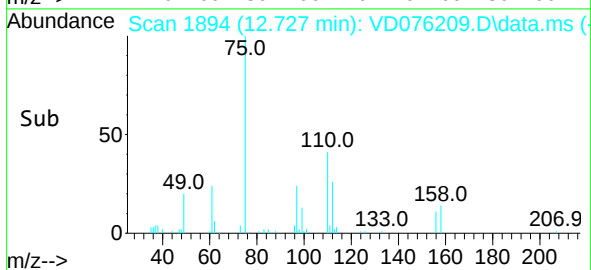
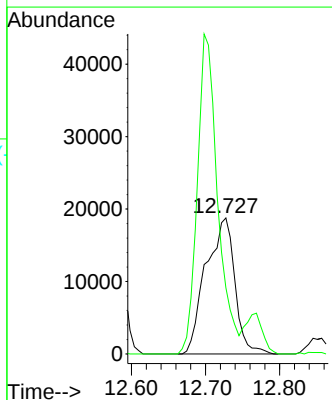
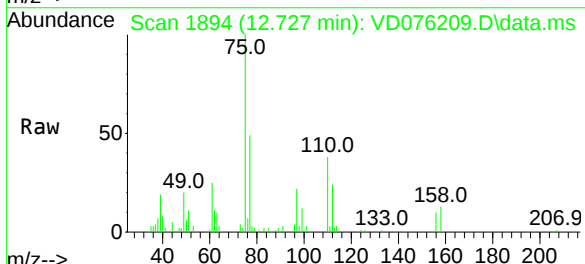
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

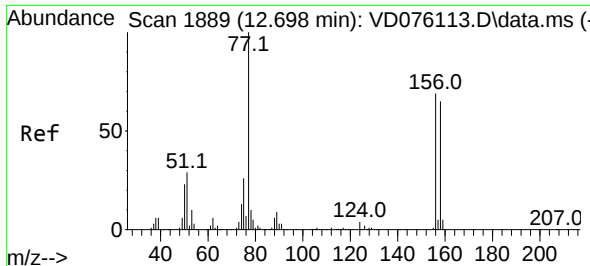
Tgt Ion: 83 Resp: 45064
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.1 15.2
 85 61.5 33.6 100.6



#76
 1,2,3-Trichloropropane
 Concen: 37.394 ug/l
 RT: 12.727 min Scan# 1894
 Delta R.T. -0.001 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

Tgt Ion: 75 Resp: 50870
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

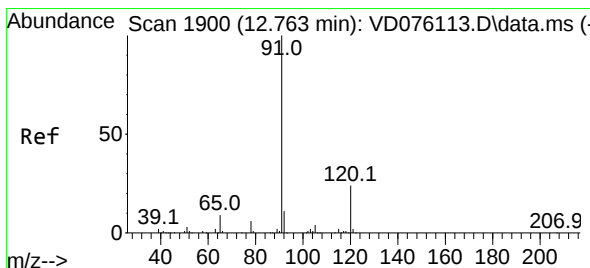
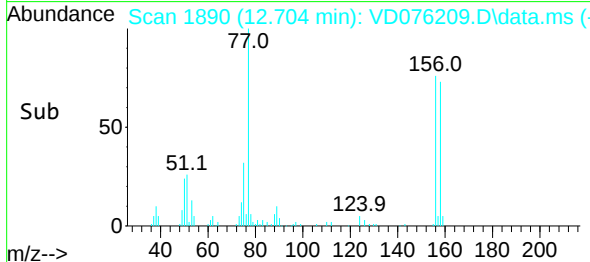
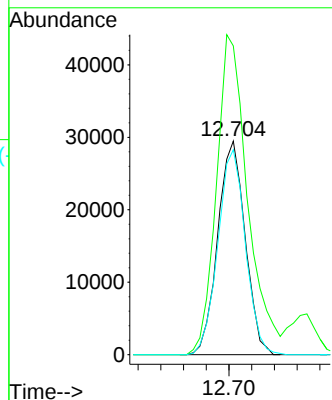
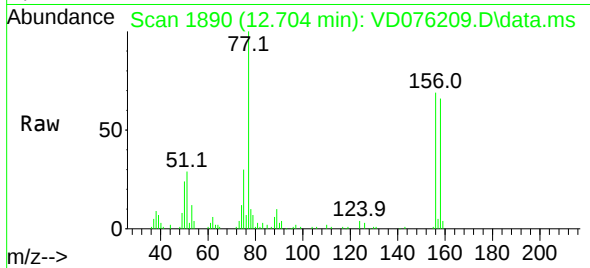




#77
Bromobenzene
Concen: 17.891 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

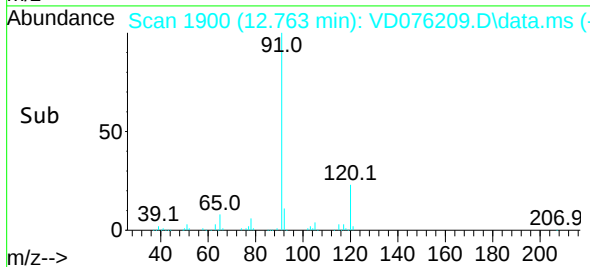
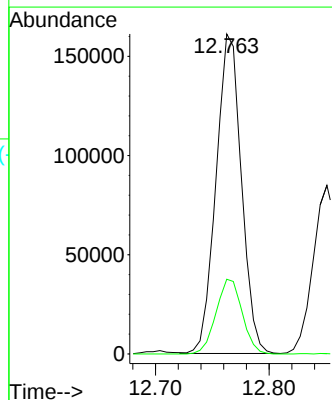
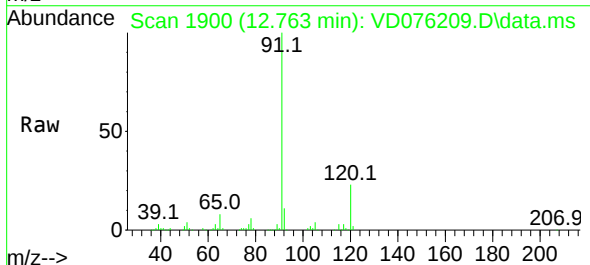
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

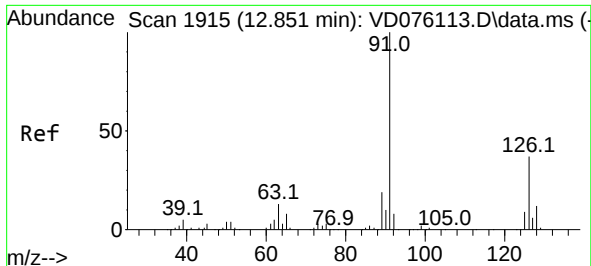
Tgt Ion:156 Resp: 49313
Ion Ratio Lower Upper
156 100
77 170.3 89.5 268.6
158 96.7 47.8 143.4



#78
n-propylbenzene
Concen: 19.521 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 91 Resp: 249868
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2

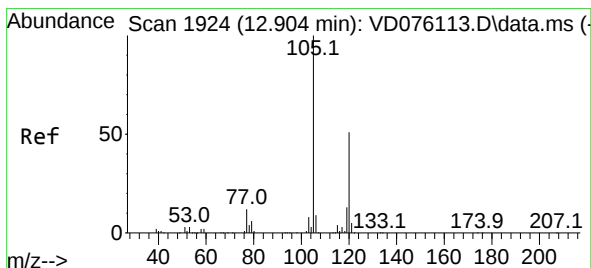
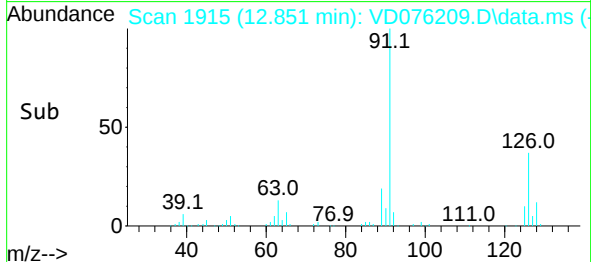
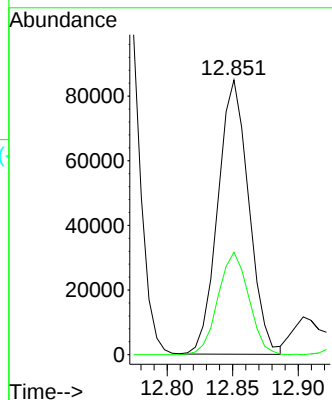
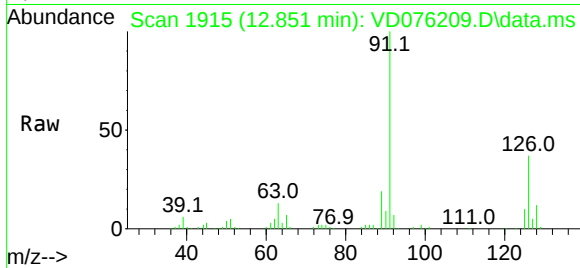




#79
2-Chlorotoluene
Concen: 19.678 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

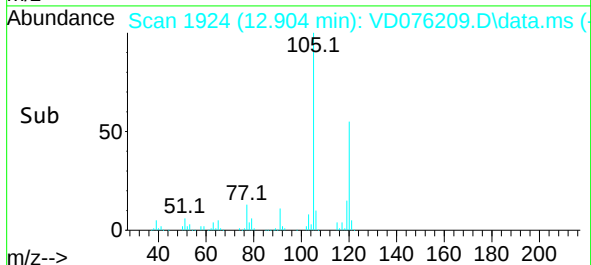
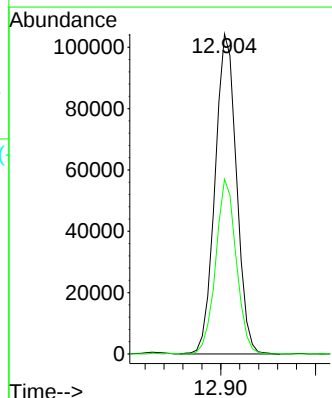
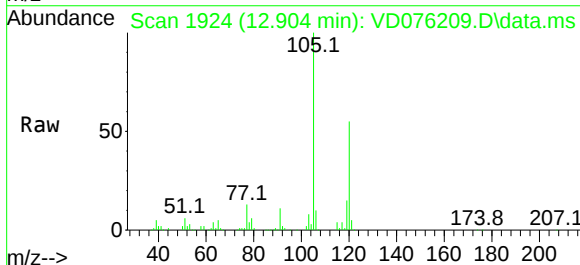
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

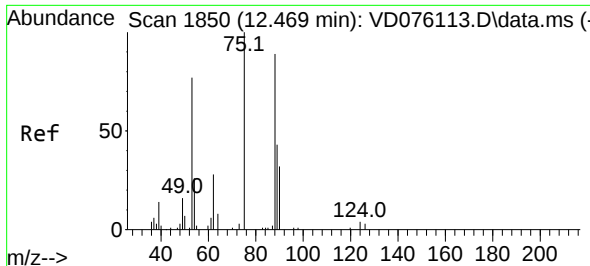
Tgt Ion: 91 Resp: 139403
Ion Ratio Lower Upper
91 100
126 36.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 19.280 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 105 Resp: 164363
Ion Ratio Lower Upper
105 100
120 52.3 24.3 72.8

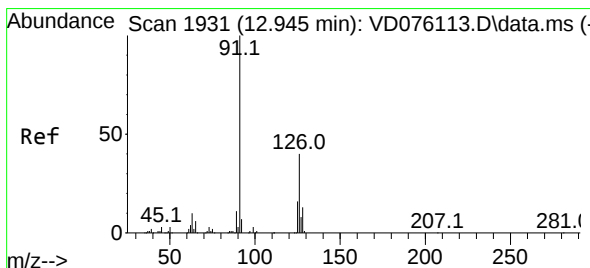
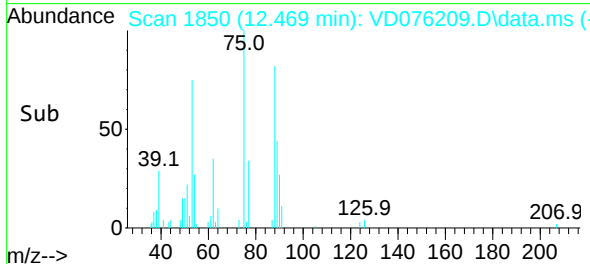
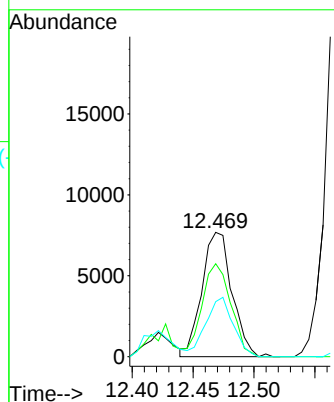
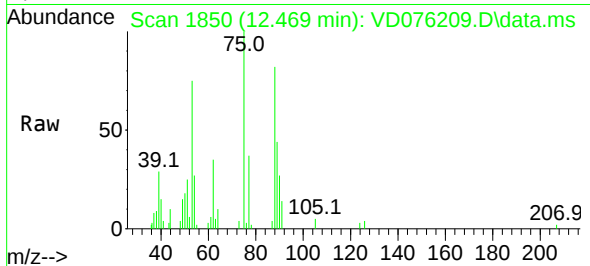




#81
trans-1,4-Dichloro-2-butene
Concen: 20.333 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

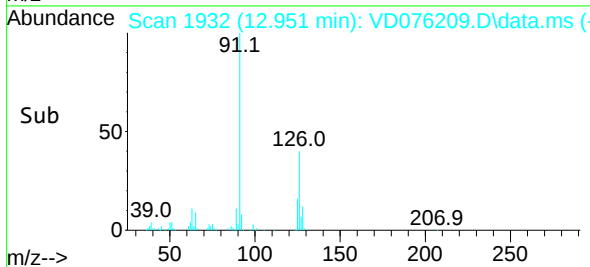
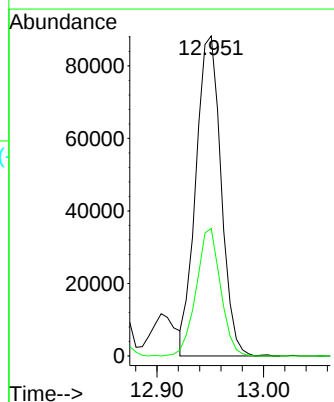
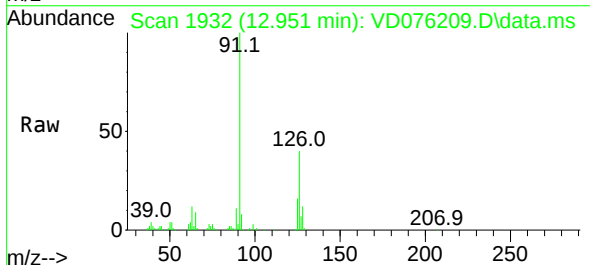
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

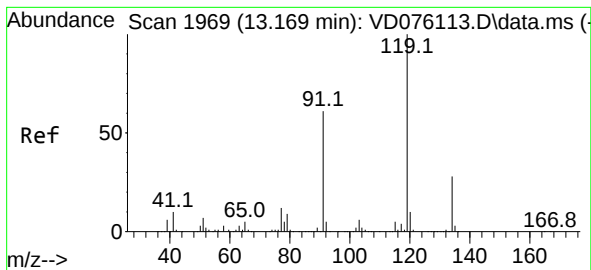
Tgt Ion: 75 Resp: 13185
Ion Ratio Lower Upper
75 100
53 72.4 90.5 135.7#
89 43.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.251 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 91 Resp: 145062
Ion Ratio Lower Upper
91 100
126 38.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.561 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

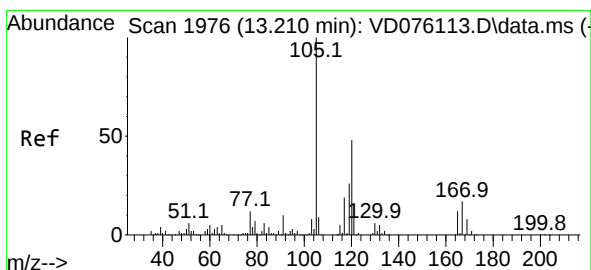
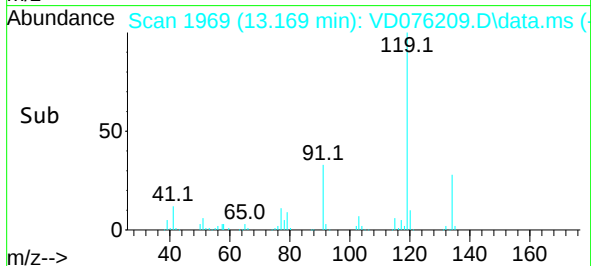
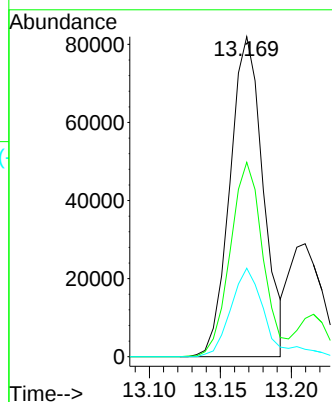
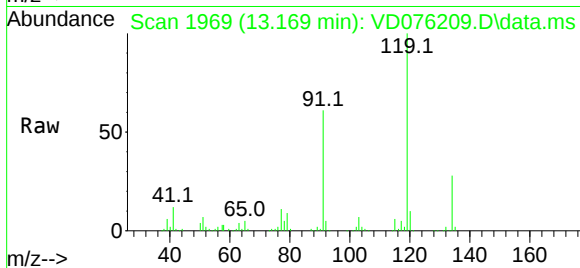
Tgt Ion:119 Resp: 133723

Ion Ratio Lower Upper

119 100

91 60.2 32.4 97.0

134 28.7 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 19.318 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD076209.D

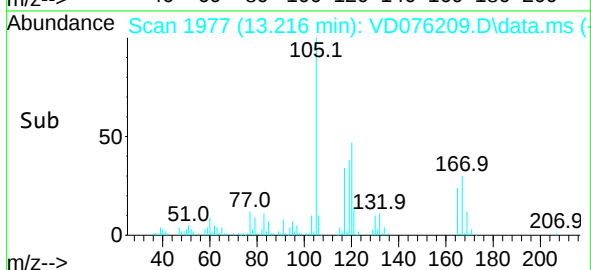
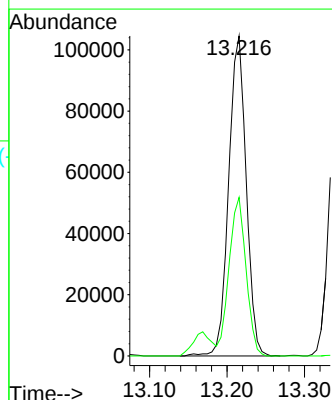
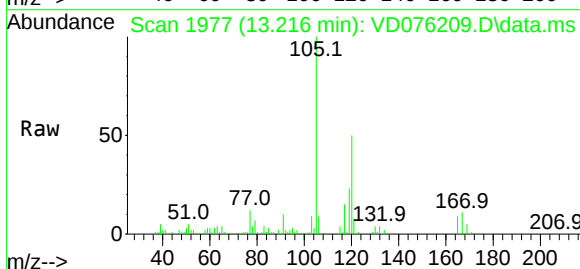
Acq: 24 May 2023 12:43

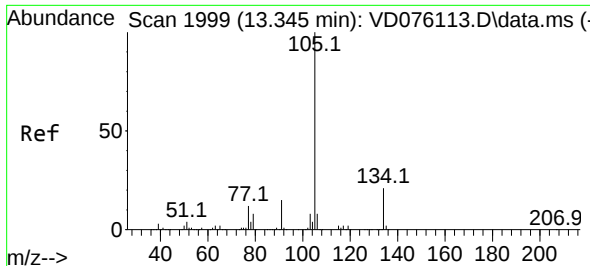
Tgt Ion:105 Resp: 164006

Ion Ratio Lower Upper

105 100

120 48.2 22.3 66.9

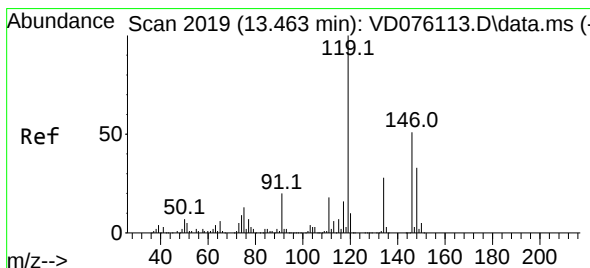
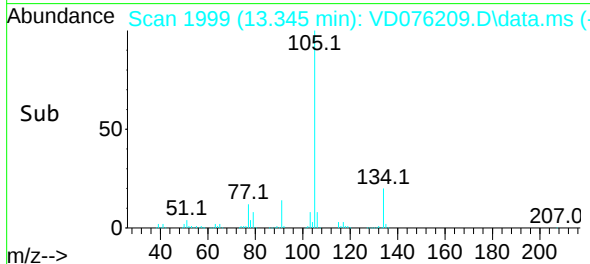
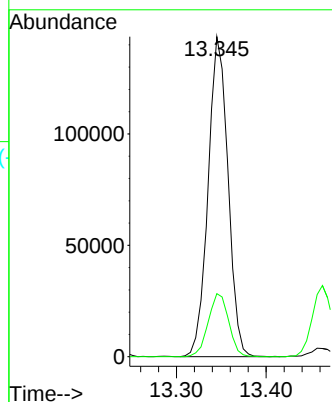
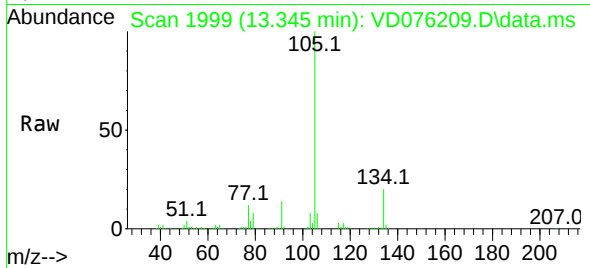




#85
 sec-Butylbenzene
 Concen: 19.704 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

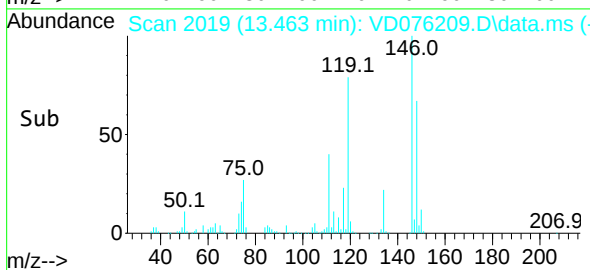
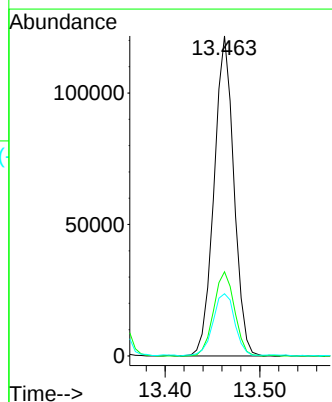
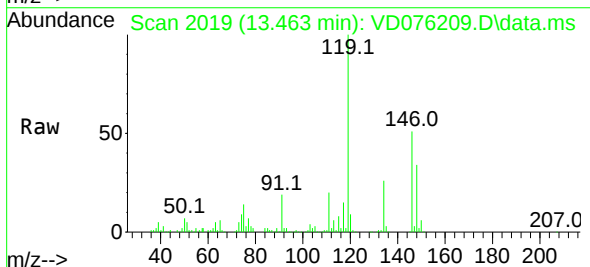
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

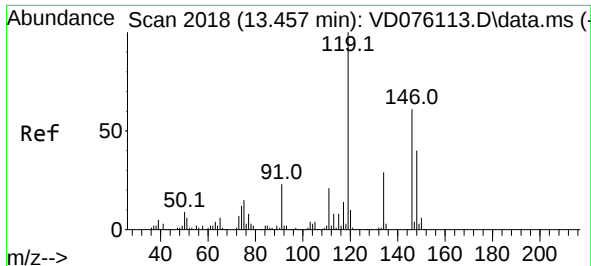
Tgt Ion:105 Resp: 221235
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.220 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076209.D
 Acq: 24 May 2023 12:43

Tgt Ion:119 Resp: 176586
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.1 39.3
 91 21.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.551 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

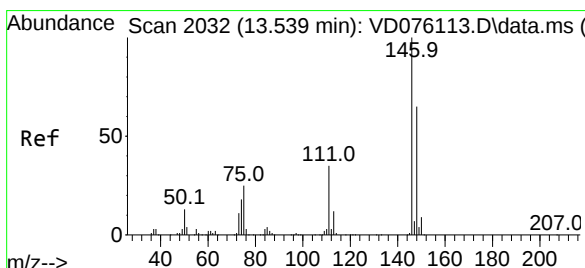
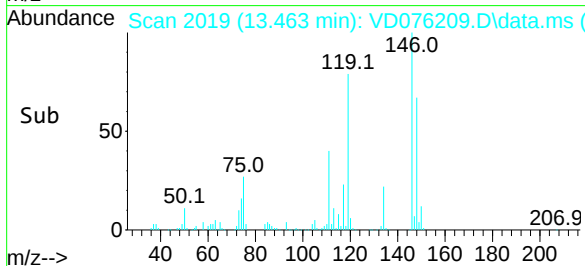
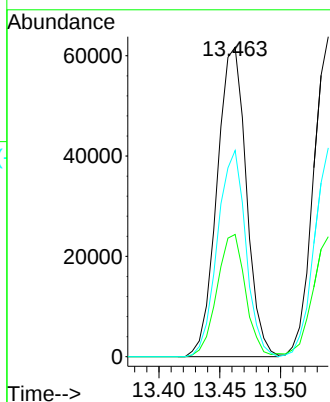
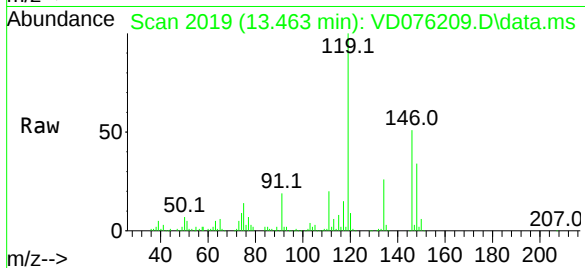
Tgt Ion:146 Resp: 103380

Ion Ratio Lower Upper

146 100

111 38.3 19.8 59.3

148 64.3 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 19.063 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

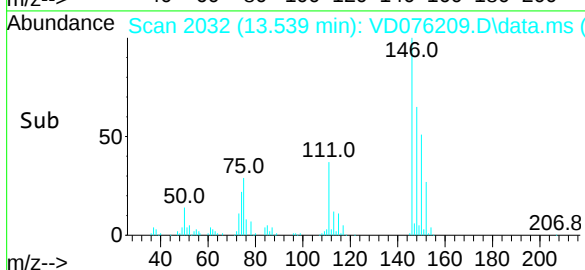
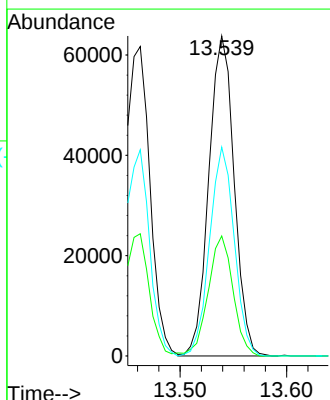
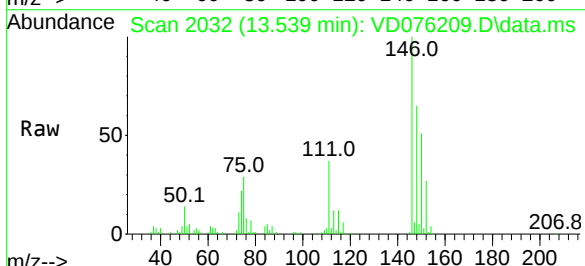
Tgt Ion:146 Resp: 105190

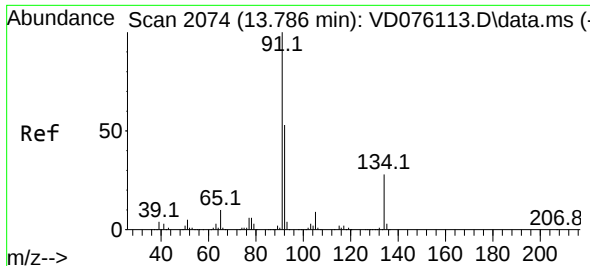
Ion Ratio Lower Upper

146 100

111 36.6 19.6 58.8

148 63.6 31.7 95.1

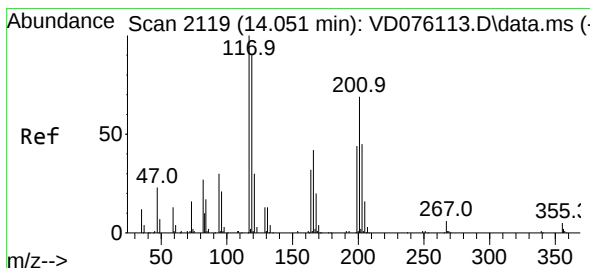
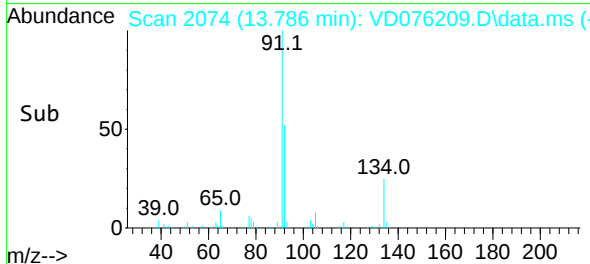
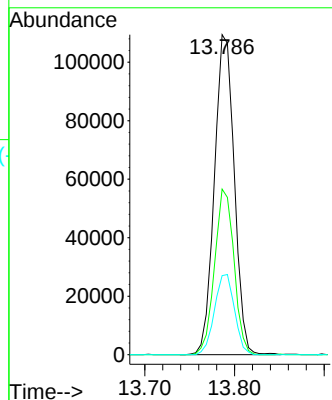
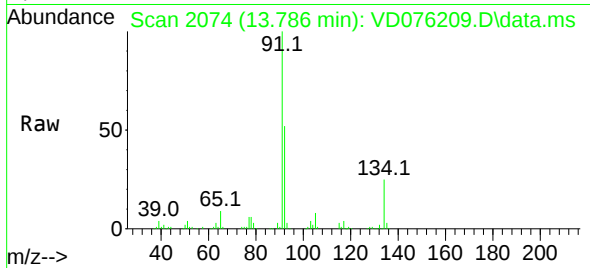




#89
n-Butylbenzene
Concen: 19.482 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

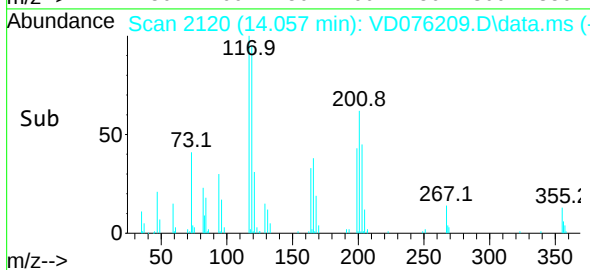
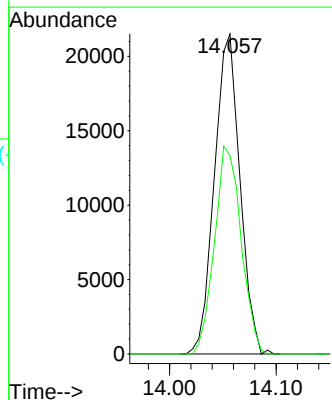
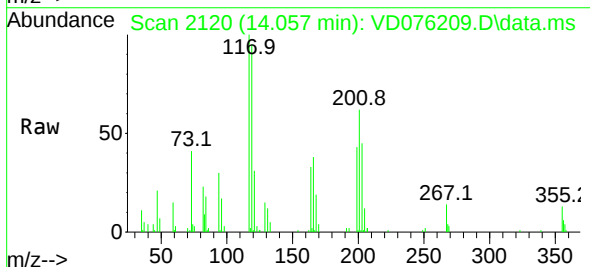
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

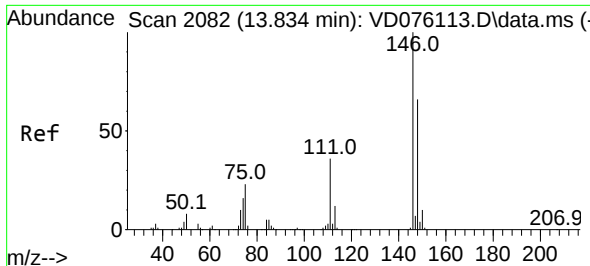
Tgt Ion: 91 Resp: 168678
Ion Ratio Lower Upper
91 100
92 50.4 26.2 78.5
134 25.2 12.7 38.0



#90
Hexachloroethane
Concen: 18.916 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 117 Resp: 35748
Ion Ratio Lower Upper
117 100
201 67.8 34.5 103.6

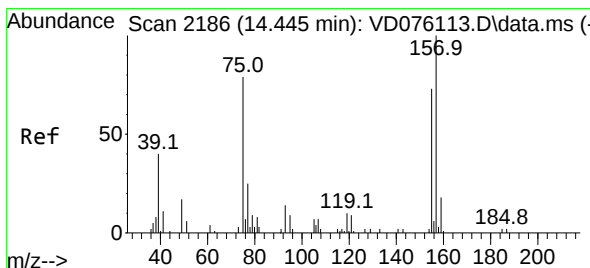
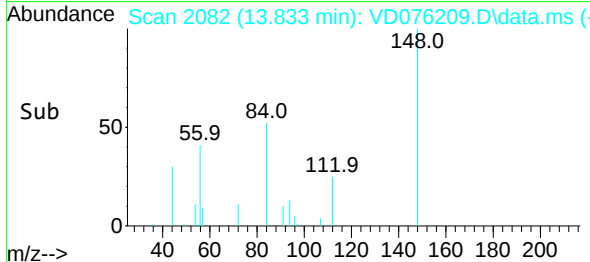
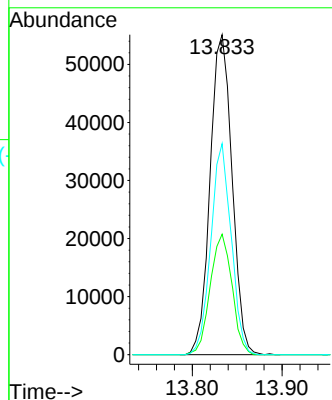
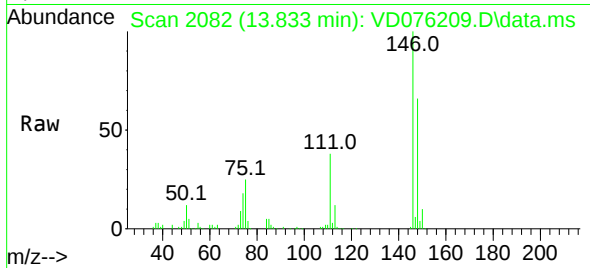




#91
1,2-Dichlorobenzene
Concen: 19.142 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

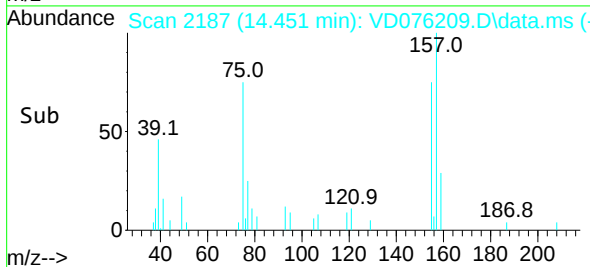
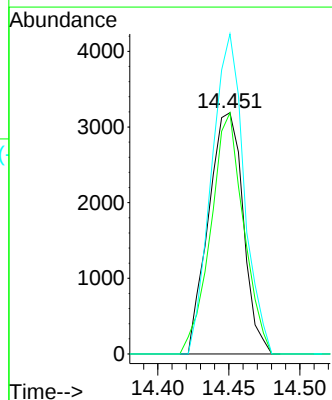
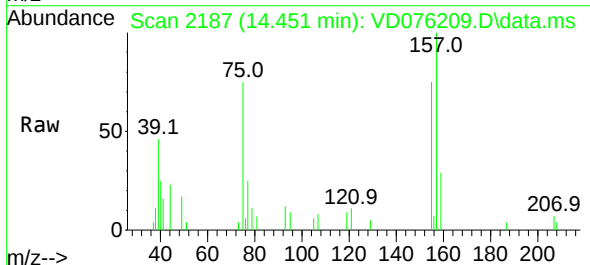
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

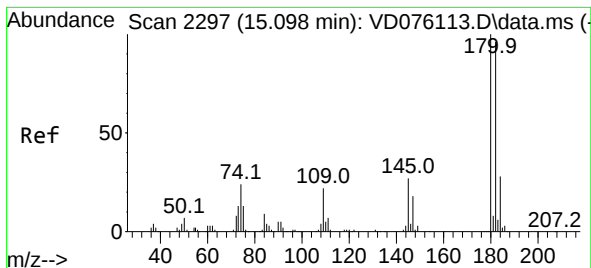
Tgt Ion:146 Resp: 93615
Ion Ratio Lower Upper
146 100
111 37.3 20.6 61.8
148 61.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.862 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion: 75 Resp: 5413
Ion Ratio Lower Upper
75 100
155 94.6 39.5 118.5
157 124.1 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 16.596 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

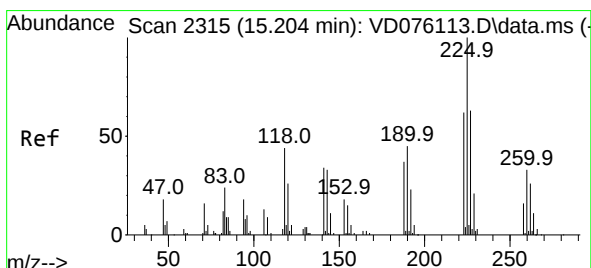
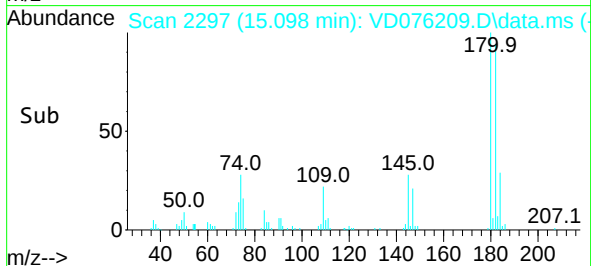
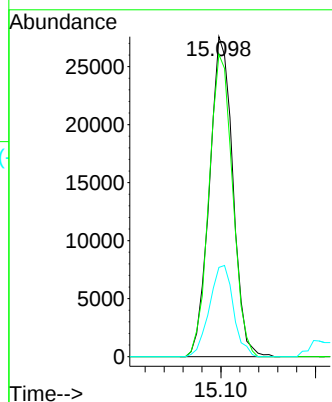
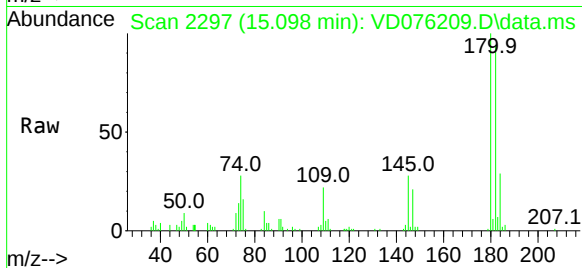
Tgt Ion:180 Resp: 47212

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 29.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 16.067 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076209.D

Acq: 24 May 2023 12:43

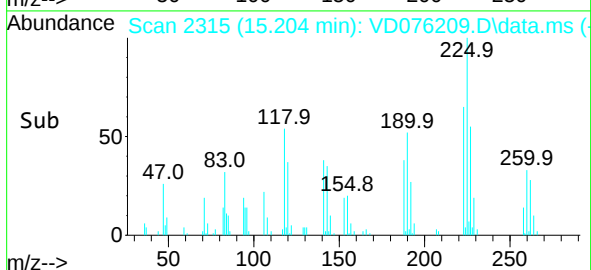
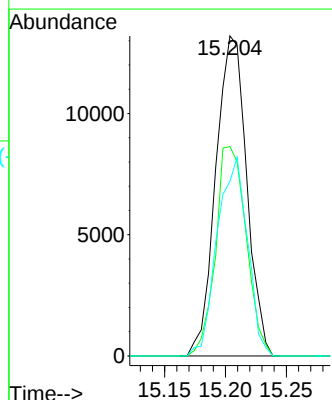
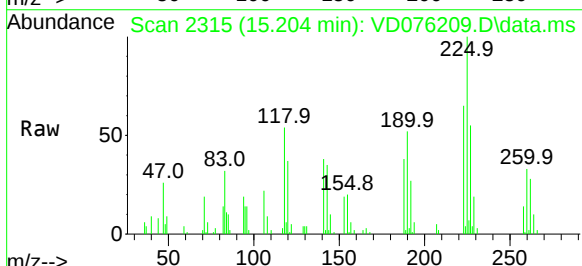
Tgt Ion:225 Resp: 23305

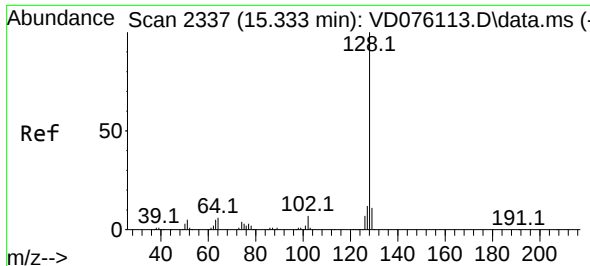
Ion Ratio Lower Upper

225 100

223 64.7 33.1 99.2

227 60.7 31.9 95.9

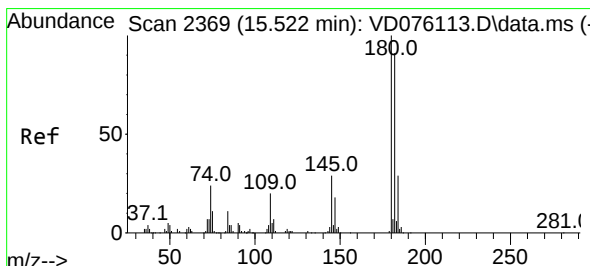
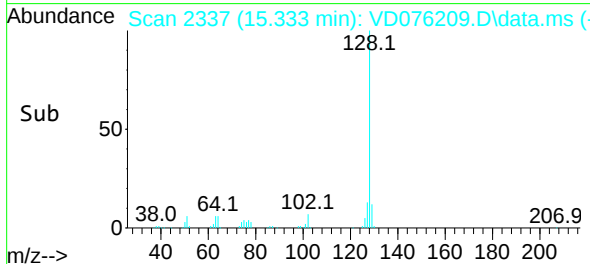
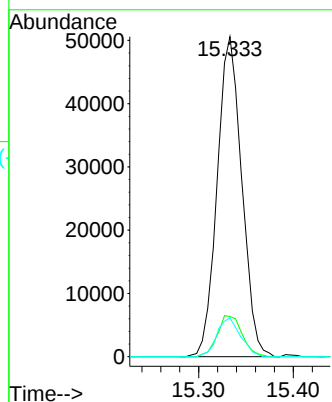
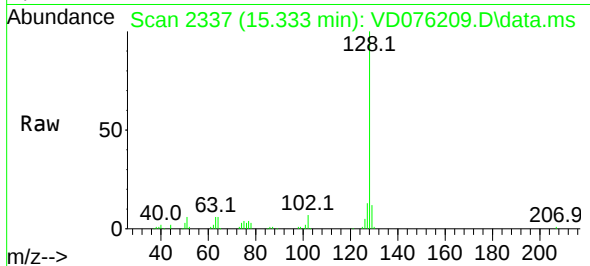




#95
Naphthalene
Concen: 17.279 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

Tgt Ion:128 Resp: 91331
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.521 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.007 min
Lab File: VD076209.D
Acq: 24 May 2023 12:43

Tgt Ion:180 Resp: 42744
Ion Ratio Lower Upper
180 100
182 96.7 47.7 143.1
145 29.5 16.4 49.4

