

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076210.D
 Acq On : 24 May 2023 13:12
 Operator : KP/SY
 Sample : VD0524SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

Quant Time: May 24 16:25:52 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	178697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	320307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	152840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83693	48.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.920%
35) Dibromofluoromethane	7.805	113	99987	45.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.320%
50) Toluene-d8	10.269	98	377064	43.688	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.575	95	108744	45.357	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34015	21.106	ug/l	94
3) Chloromethane	2.146	50	63950	21.643	ug/l	100
4) Vinyl Chloride	2.281	62	79800	22.959	ug/l	100
5) Bromomethane	2.675	94	54036	23.092	ug/l	98
6) Chloroethane	2.828	64	55648	23.797	ug/l	99
7) Trichlorofluoromethane	3.164	101	61442	20.856	ug/l	95
8) Diethyl Ether	3.593	74	20409	21.066	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.958	101	40672	20.959	ug/l	94
10) Methyl Iodide	4.158	142	45478	22.539	ug/l	93
11) Tert butyl alcohol	5.069	59	9720	106.394	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	39730	20.571	ug/l	85
13) Acrolein	3.793	56	17523	78.370	ug/l	90
14) Allyl chloride	4.552	41	40648	20.738	ug/l #	80
15) Acrylonitrile	5.252	53	45325	112.989	ug/l	98
16) Acetone	4.017	43	38592	112.310	ug/l #	89
17) Carbon Disulfide	4.264	76	114134	20.167	ug/l	96
18) Methyl Acetate	4.558	43	27396	22.350	ug/l #	77
19) Methyl tert-butyl Ether	5.311	73	79399	21.004	ug/l	96
20) Methylene Chloride	4.793	84	76987	23.080	ug/l #	77
21) trans-1,2-Dichloroethene	5.311	96	46385	20.839	ug/l #	81
22) Diisopropyl ether	6.216	45	99888	21.955	ug/l #	91
23) Vinyl Acetate	6.158	43	229945	128.540	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	77067	21.478	ug/l	97
25) 2-Butanone	7.081	43	49431	114.409	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	62830	21.475	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	51771	20.959	ug/l	85
28) Bromochloromethane	7.428	49	25790	21.556	ug/l #	67
29) Tetrahydrofuran	7.446	42	28372	112.664	ug/l #	66
30) Chloroform	7.599	83	83089	21.654	ug/l	92
31) Cyclohexane	7.875	56	55389	20.941	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	62452	20.423	ug/l	96
36) 1,1-Dichloropropene	8.010	75	56993	19.060	ug/l	96
37) Ethyl Acetate	7.169	43	19967	19.284	ug/l #	80
38) Carbon Tetrachloride	7.993	117	50590	18.731	ug/l	99
39) Methylcyclohexane	9.275	83	59788	17.367	ug/l	94
40) Benzene	8.252	78	184650	19.208	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9591	16.893	ug/l #	63
42) 1,2-Dichloroethane	8.328	62	44902	19.747	ug/l	95
43) Isopropyl Acetate	8.363	43	37232	19.249	ug/l #	80
44) Trichloroethene	9.028	130	50014	18.460	ug/l	93
45) 1,2-Dichloropropane	9.305	63	46424	19.578	ug/l	92
46) Dibromomethane	9.393	93	26223	19.729	ug/l	94
47) Bromodichloromethane	9.581	83	62605	19.598	ug/l	94
48) Methyl methacrylate	9.381	41	15579	18.199	ug/l #	59
49) 1,4-Dioxane	9.381	88	5887	414.189	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	102812	99.943	ug/l #	80
52) Toluene	10.334	92	119544	19.910	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	55306	19.210	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	67652	19.255	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	37423	19.634	ug/l	94
56) Ethyl methacrylate	10.599	69	36218	18.905	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	59772	19.988	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	87680	95.385	ug/l	93
59) 2-Hexanone	10.922	43	73440	101.231	ug/l	79
60) Dibromochloromethane	11.075	129	41799	19.503	ug/l	99
61) 1,2-Dibromoethane	11.181	107	32623	19.241	ug/l	95
64) Tetrachloroethene	10.810	164	39894	17.402	ug/l	95
65) Chlorobenzene	11.610	112	128747	18.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	44585	19.089	ug/l	96
67) Ethyl Benzene	11.687	91	200619	18.499	ug/l	94
68) m/p-Xylenes	11.793	106	168190	37.946	ug/l	91
69) o-Xylene	12.122	106	75482	18.664	ug/l	90
70) Styrene	12.134	104	133218	18.999	ug/l	92
71) Bromoform	12.298	173	24616	18.737	ug/l #	99
73) Isopropylbenzene	12.422	105	188750	18.669	ug/l	98
74) N-amyl acetate	12.234	43	33887	18.817	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	43096	19.832	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	50321	37.624	ug/l #	100
77) Bromobenzene	12.704	156	49493	18.264	ug/l	95
78) n-propylbenzene	12.763	91	243589	19.356	ug/l	98
79) 2-Chlorotoluene	12.851	91	134633	19.330	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	159276	19.003	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12799	20.075	ug/l #	74
82) 4-Chlorotoluene	12.945	91	141734	19.131	ug/l	92
83) tert-Butylbenzene	13.169	119	130619	18.440	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	160992	19.287	ug/l	96
85) sec-Butylbenzene	13.345	105	210464	19.065	ug/l	99
86) p-Isopropyltoluene	13.463	119	169657	18.782	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	103456	18.882	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	103969	19.164	ug/l	98
89) n-Butylbenzene	13.793	91	157341	18.484	ug/l	98
90) Hexachloroethane	14.057	117	34973	18.823	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	91069	18.940	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5225	18.519	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	46268	16.543	ug/l	98
94) Hexachlorobutadiene	15.204	225	22523	15.794	ug/l	99
95) Naphthalene	15.334	128	91337	17.575	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43097	16.943	ug/l	95

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ALS Vial : 6 Sample Multiplier: 1

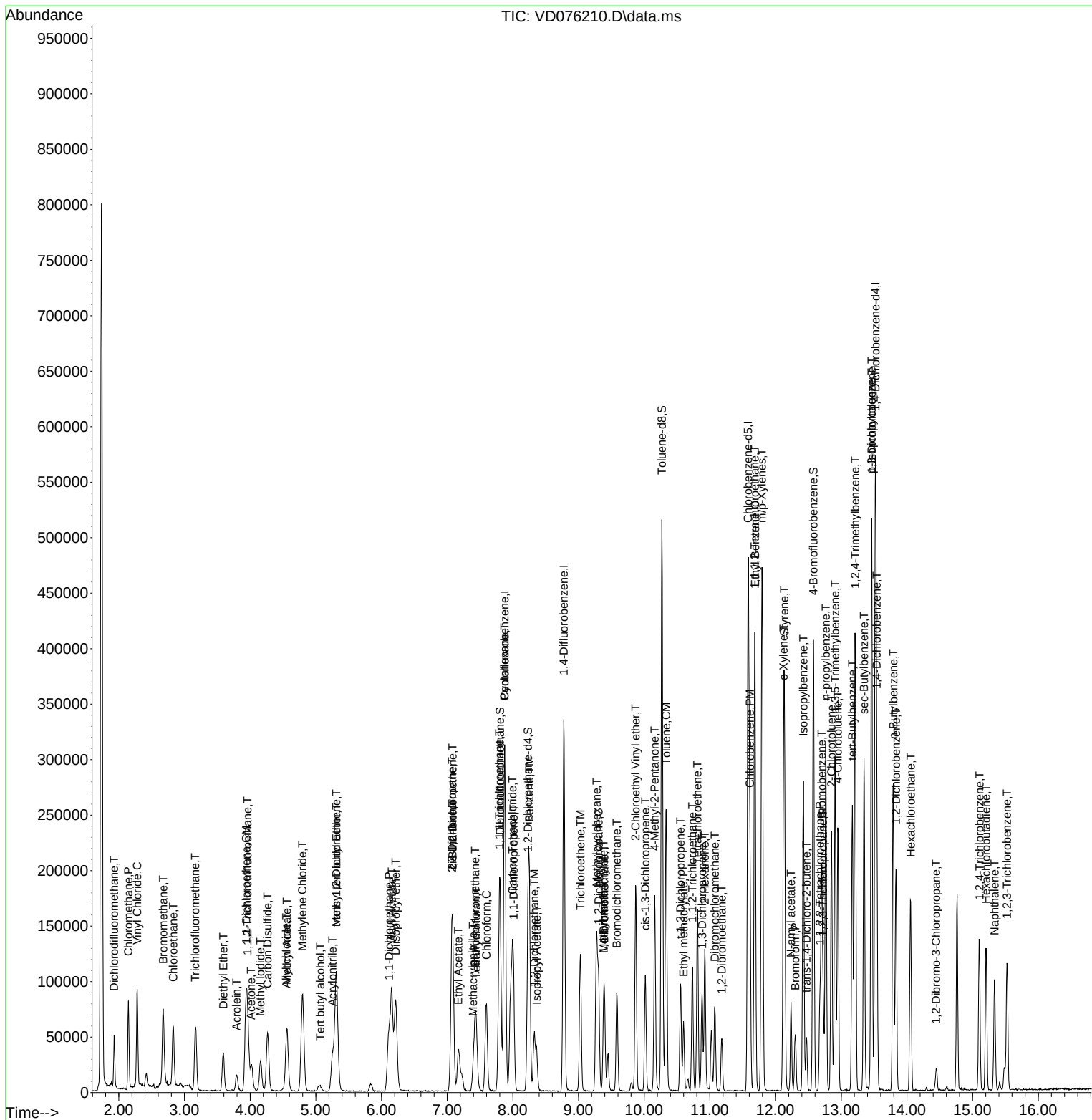
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

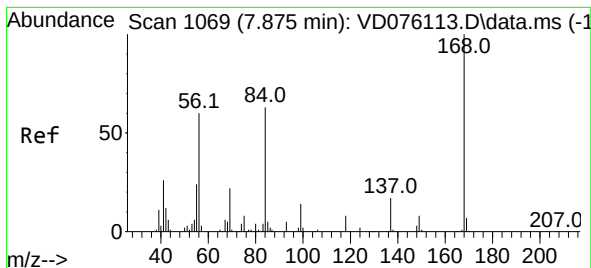
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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076210.D

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Instrument :

MSVOA_D

ClientSampleId :

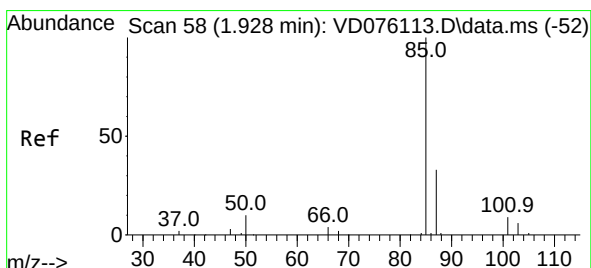
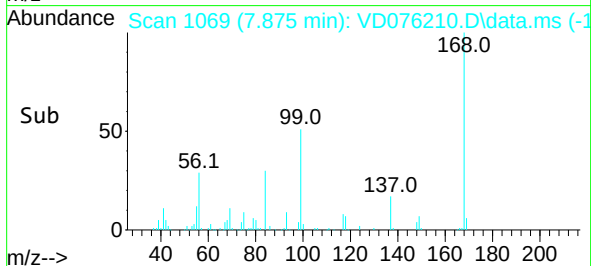
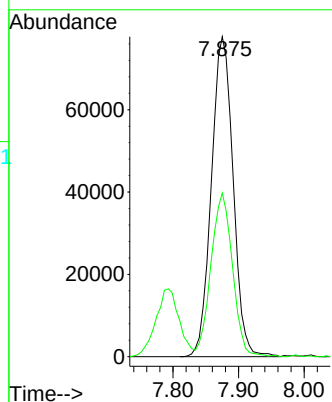
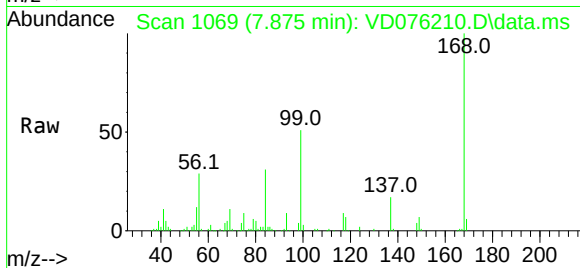
VD0524SBSD01

Tgt Ion:168 Resp: 178697

Ion Ratio Lower Upper

168 100

99 51.1 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 21.106 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD076210.D

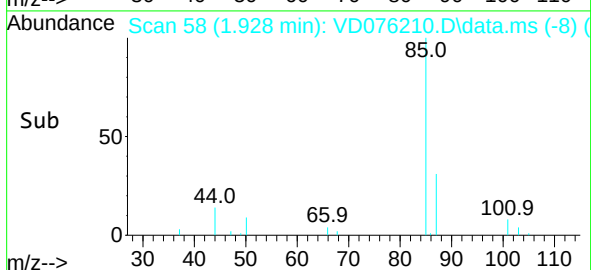
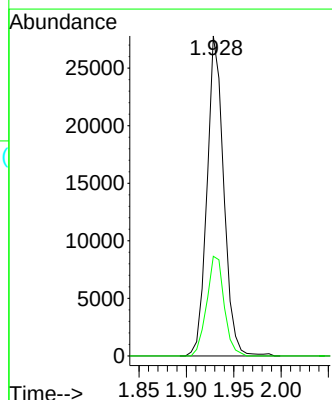
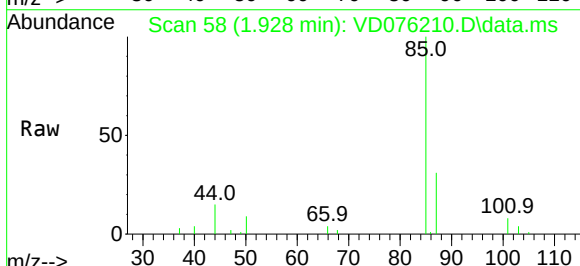
Acq: 24 May 2023 13:12

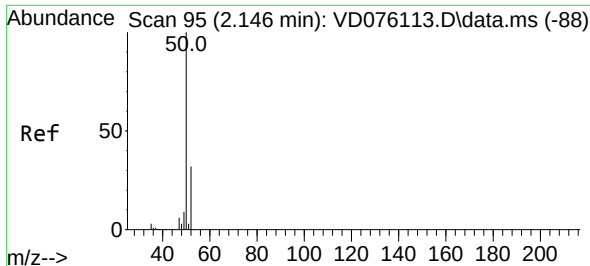
Tgt Ion: 85 Resp: 34015

Ion Ratio Lower Upper

85 100

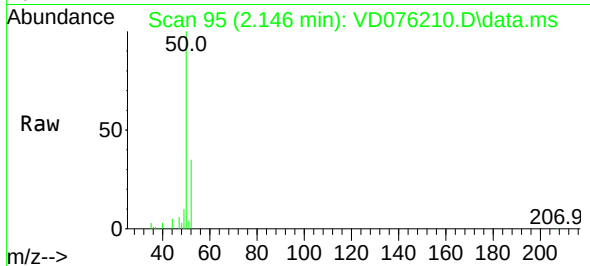
87 31.1 17.3 51.7



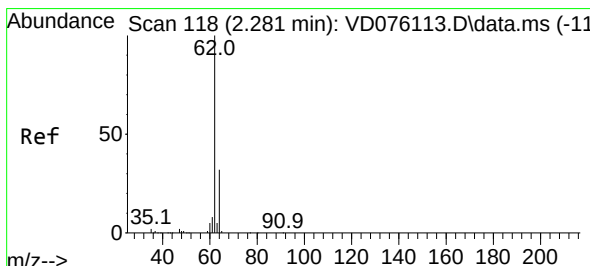
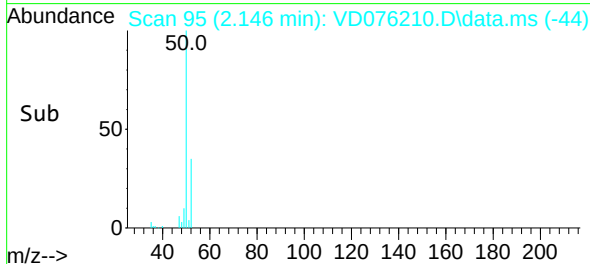
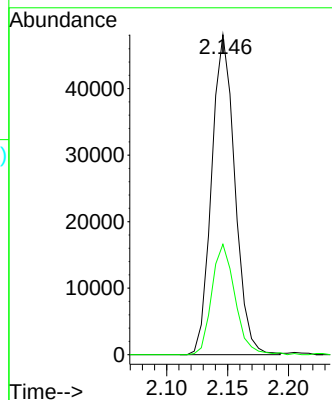


#3
Chloromethane
Concen: 21.643 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

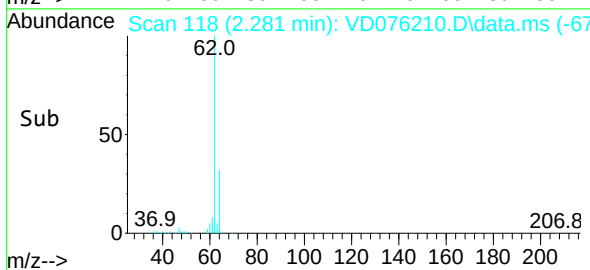
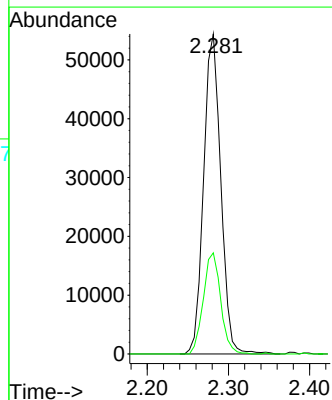
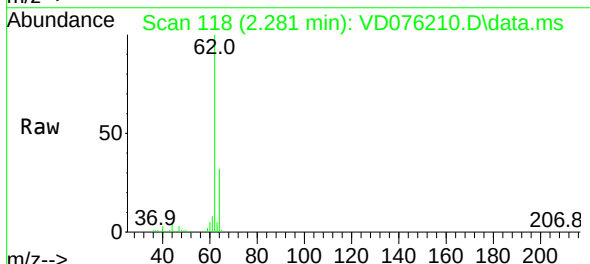


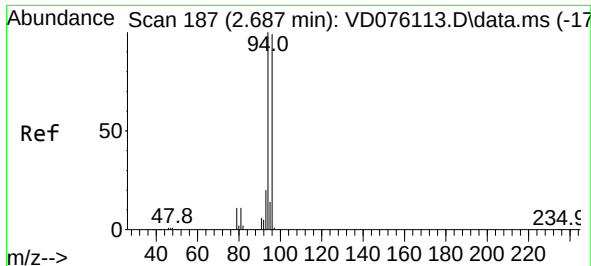
Tgt Ion: 50 Resp: 63950
Ion Ratio Lower Upper
50 100
52 34.5 27.8 41.8



#4
Vinyl Chloride
Concen: 22.959 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 62 Resp: 79800
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

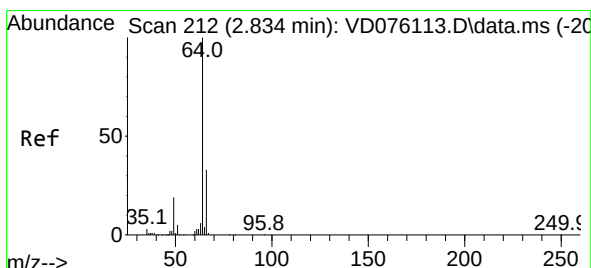
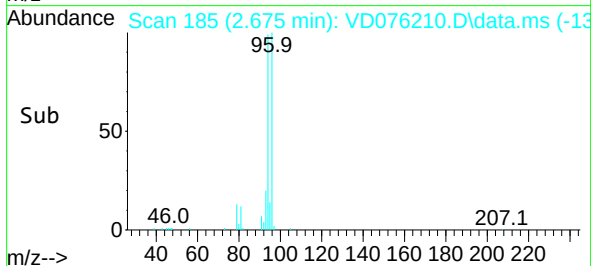
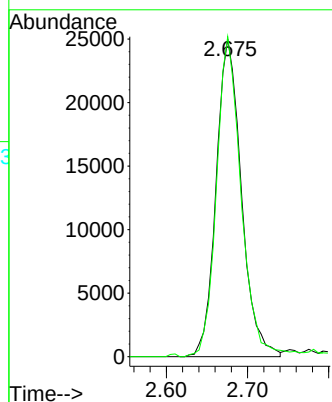
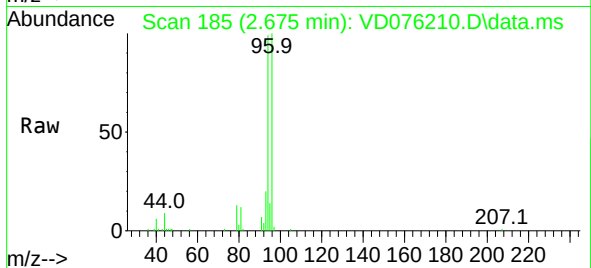




#5
Bromomethane
Concen: 23.092 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

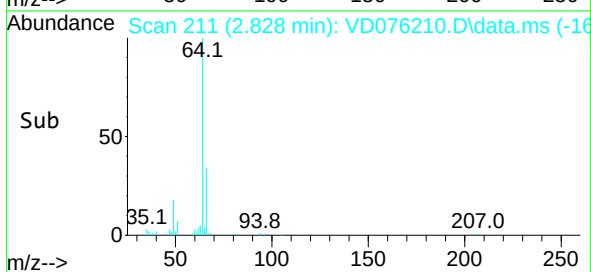
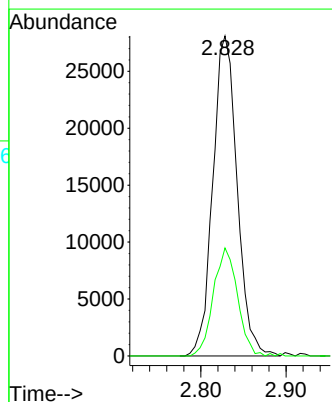
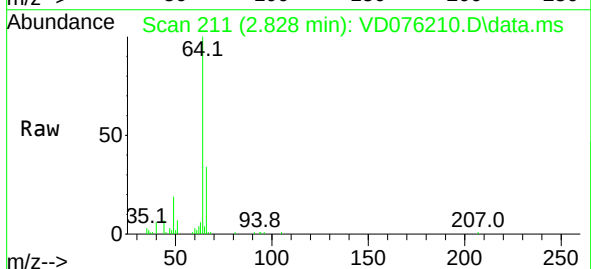
Instrument :
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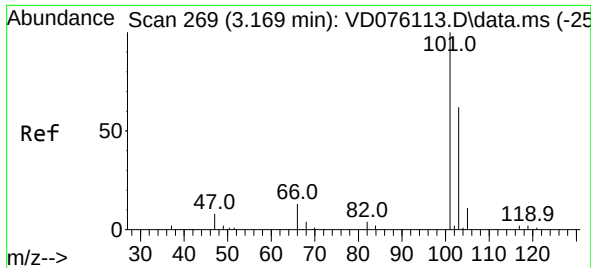
Tgt Ion: 94 Resp: 54036
Ion Ratio Lower Upper
94 100
96 98.6 77.5 116.3



#6
Chloroethane
Concen: 23.797 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 64 Resp: 55648
Ion Ratio Lower Upper
64 100
66 33.8 27.7 41.5

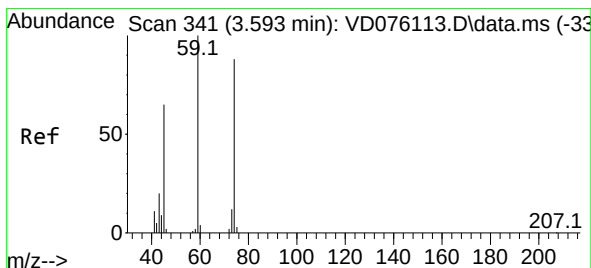
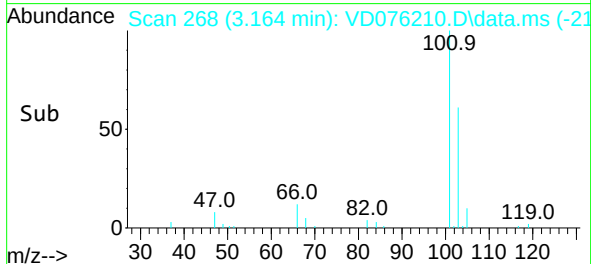
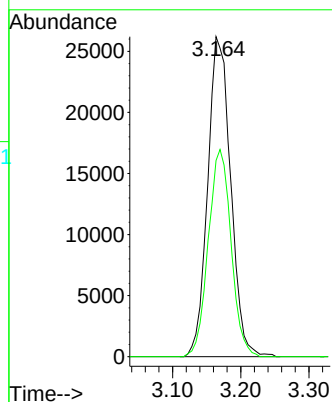
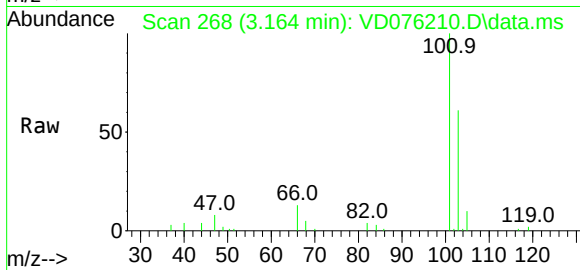




#7
Trichlorofluoromethane
Concen: 20.856 ug/l
RT: 3.164 min Scan# 269
Delta R.T. -0.005 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

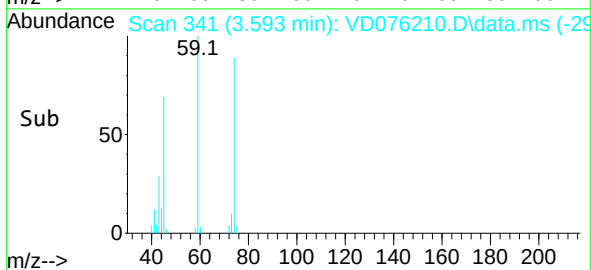
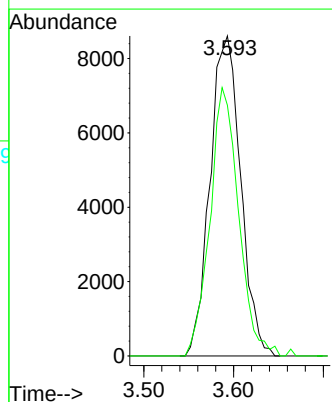
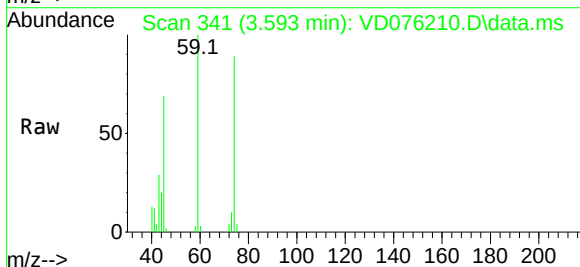
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

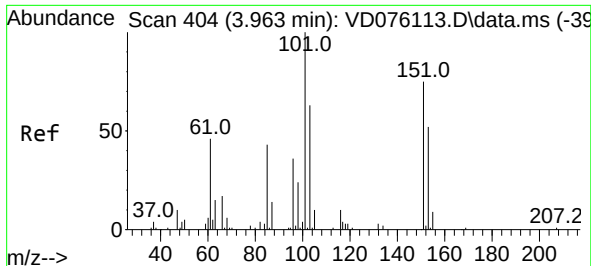
Tgt Ion:101 Resp: 61442
Ion Ratio Lower Upper
101 100
103 61.3 51.9 77.9



#8
Diethyl Ether
Concen: 21.066 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 74 Resp: 20409
Ion Ratio Lower Upper
74 100
45 78.6 50.9 152.7

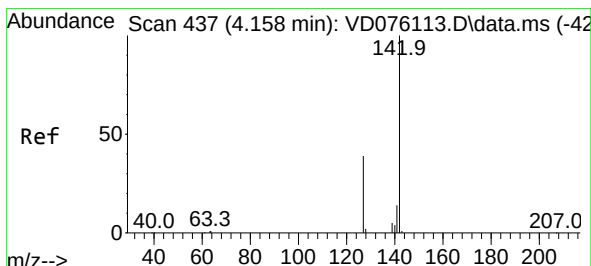
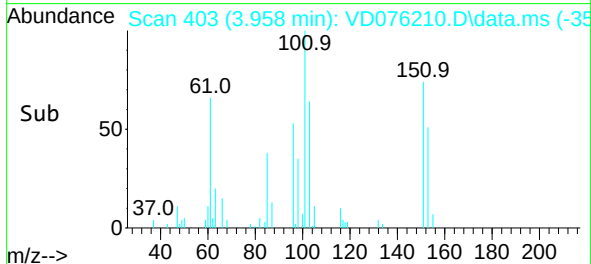
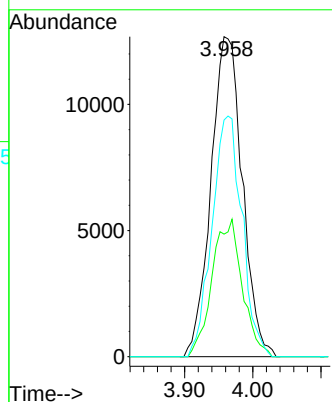
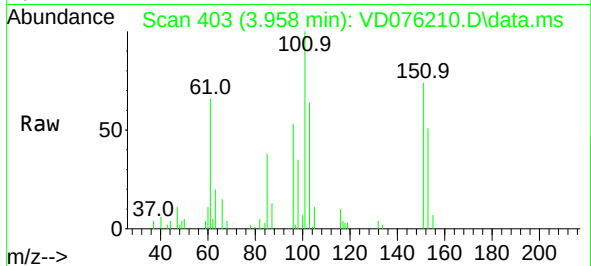




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.959 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

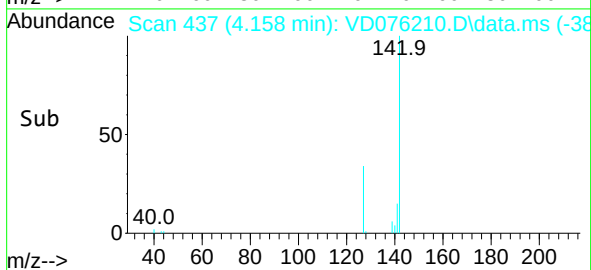
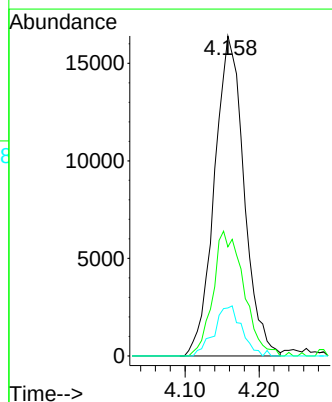
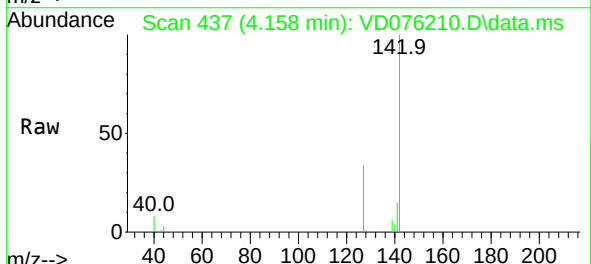
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

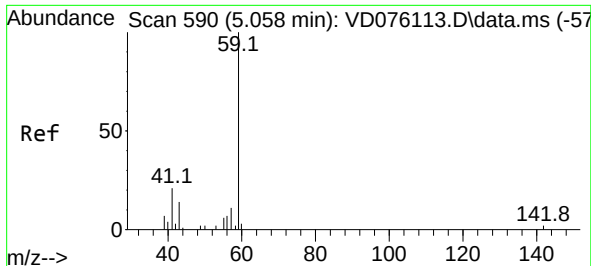
Tgt Ion:101 Resp: 40672
Ion Ratio Lower Upper
101 100
85 41.3 38.3 57.5
151 71.8 60.4 90.6



#10
Methyl Iodide
Concen: 22.539 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:142 Resp: 45478
Ion Ratio Lower Upper
142 100
127 40.4 37.1 55.7
141 14.6 11.3 16.9

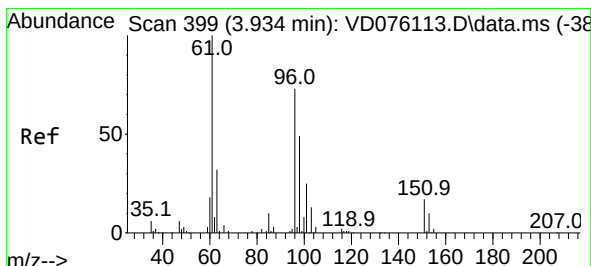
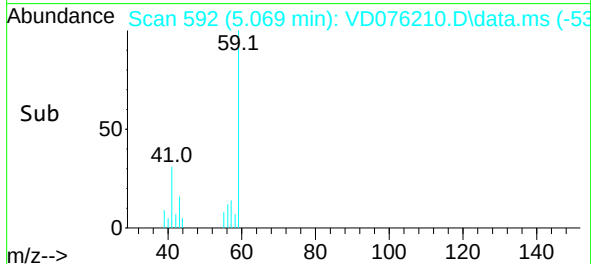
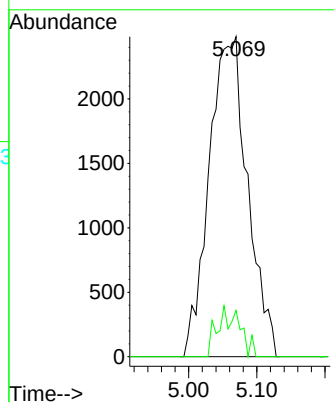
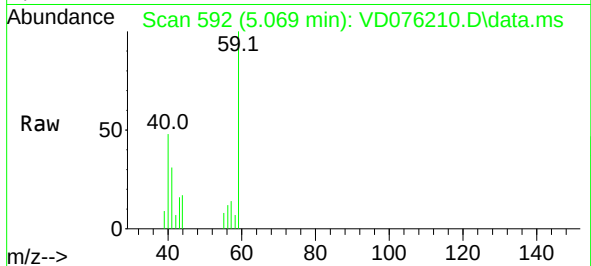




#11
Tert butyl alcohol
Concen: 106.394 ug/l
RT: 5.069 min Scan# 59
Delta R.T. 0.017 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

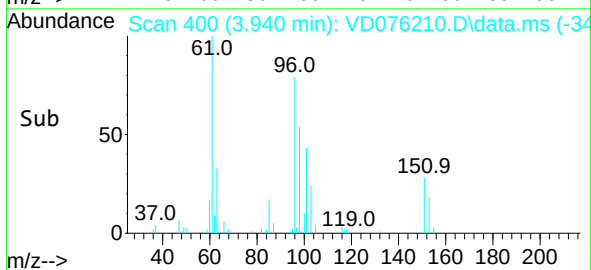
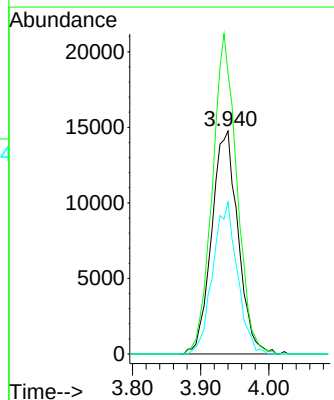
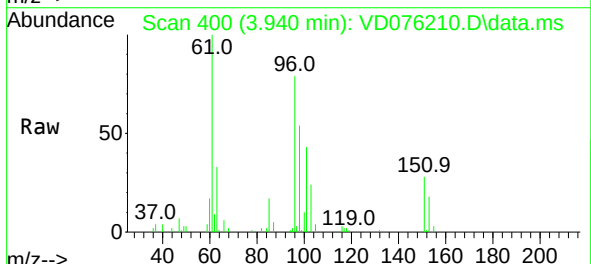
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

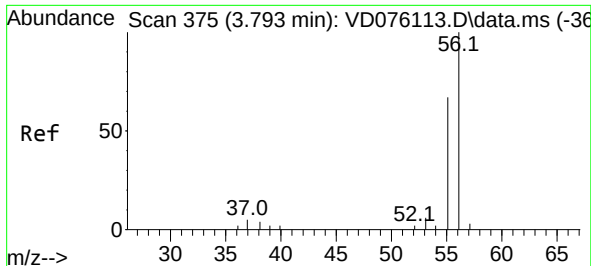
Tgt Ion: 59 Resp: 9720
Ion Ratio Lower Upper
59 100
57 5.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.571 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 96 Resp: 39730
Ion Ratio Lower Upper
96 100
61 126.0 118.6 177.8
98 68.2 49.7 74.5





#13

Acrolein

Concen: 78.370 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

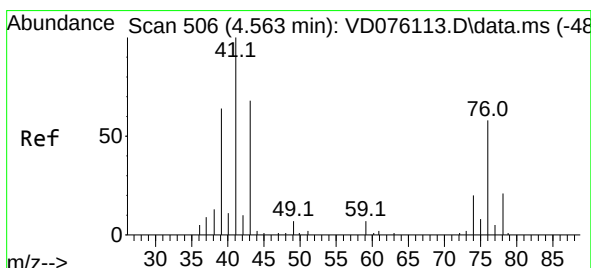
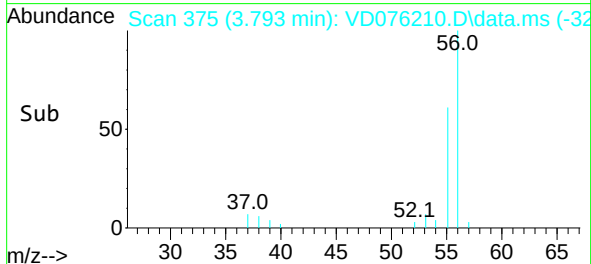
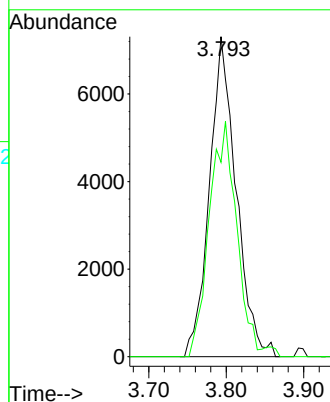
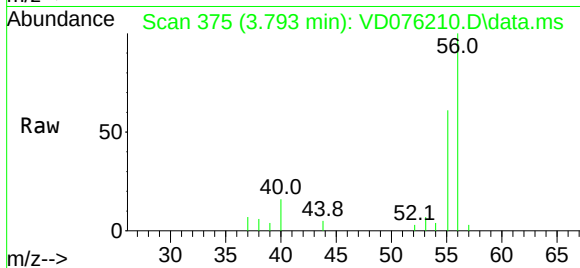
VD0524SBSD01

Tgt Ion: 56 Resp: 17523

Ion Ratio Lower Upper

56 100

55 75.3 53.9 80.9



#14

Allyl chloride

Concen: 20.738 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.011 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

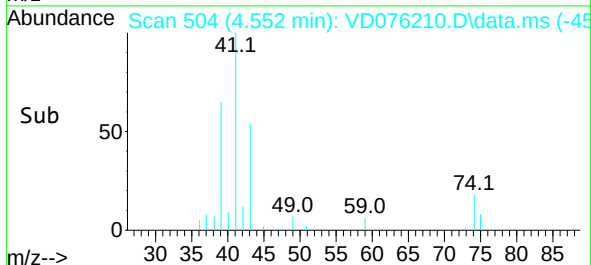
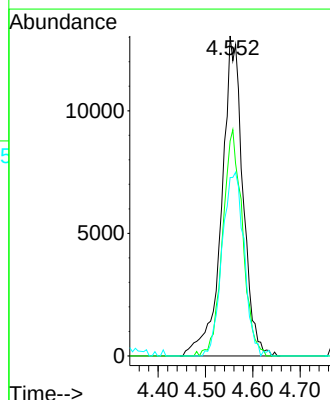
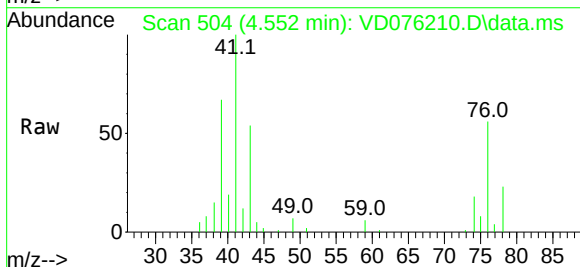
Tgt Ion: 41 Resp: 40648

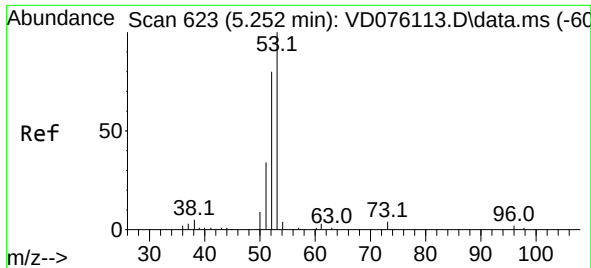
Ion Ratio Lower Upper

41 100

39 66.1 60.6 90.8

76 59.2 28.6 43.0#

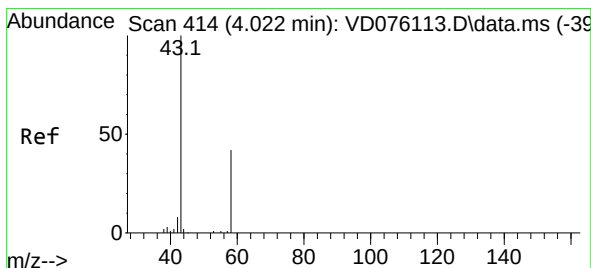
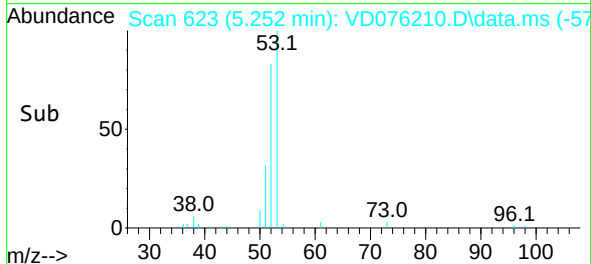
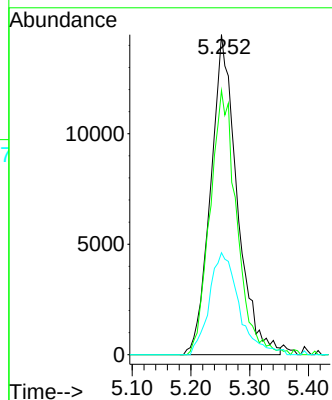
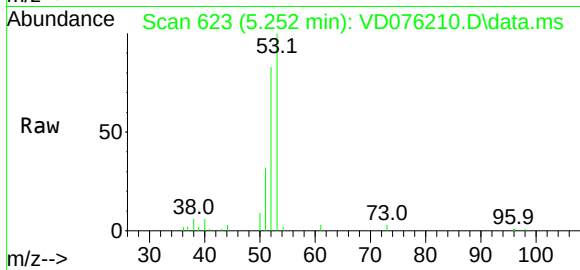




#15
Acrylonitrile
Concen: 112.989 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

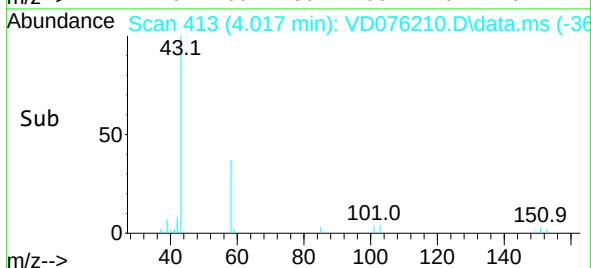
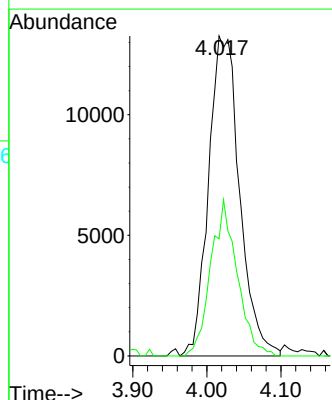
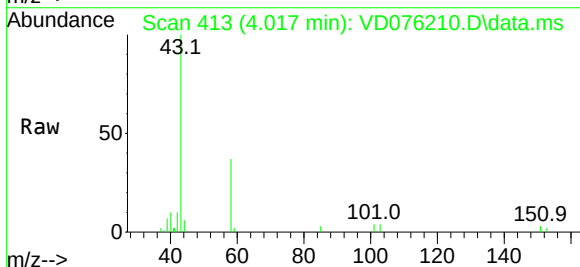
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

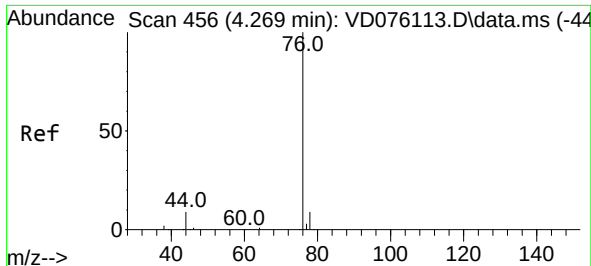
Tgt Ion:	53	Resp:	45325
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.2	99.4
51	35.8	30.7	46.1



#16
Acetone
Concen: 112.310 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:	43	Resp:	38592
Ion	Ratio	Lower	Upper
43	100		
58	36.7	24.4	36.6#

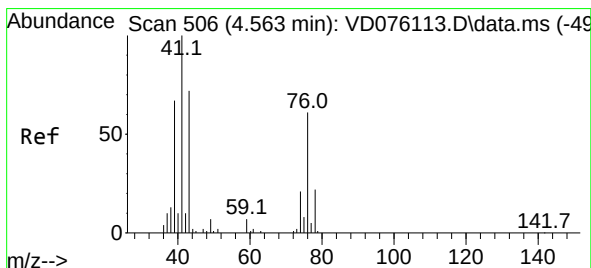
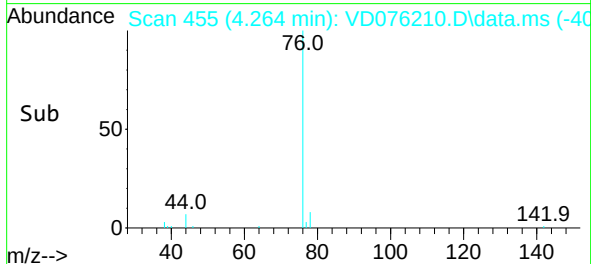
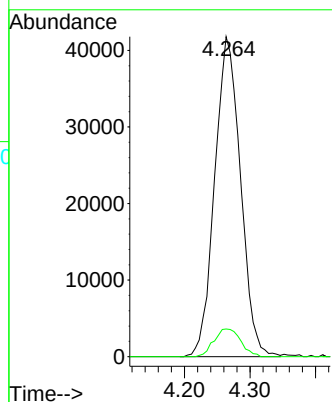
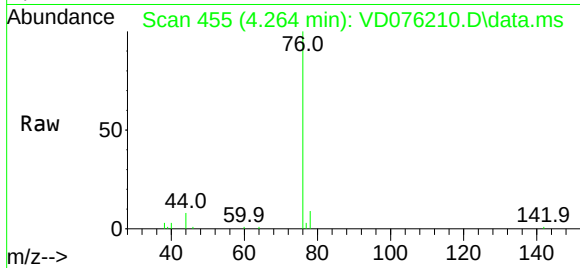




#17
Carbon Disulfide
Concen: 20.167 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.005 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

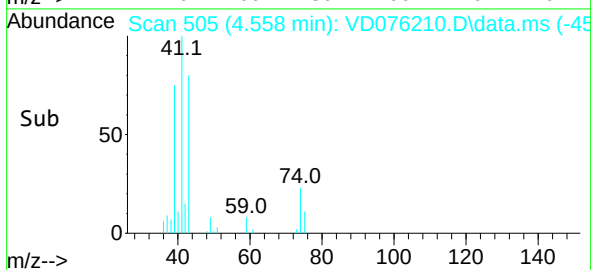
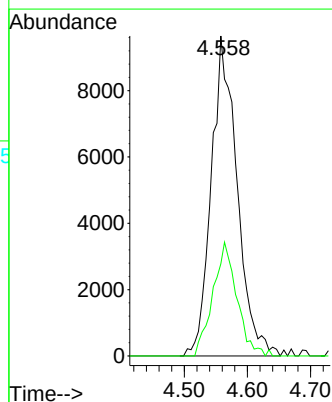
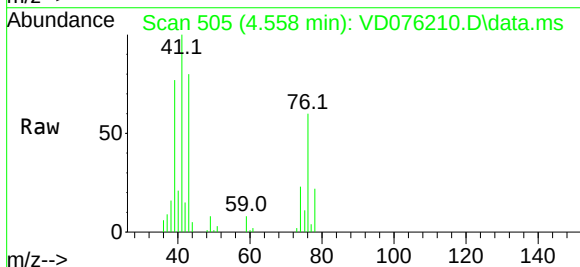
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

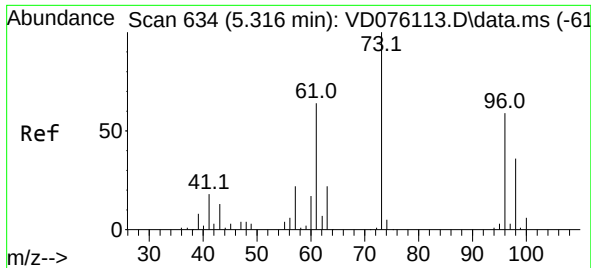
Tgt Ion: 76 Resp: 114134
Ion Ratio Lower Upper
76 100
78 8.6 8.0 12.0



#18
Methyl Acetate
Concen: 22.350 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 43 Resp: 27396
Ion Ratio Lower Upper
43 100
74 33.1 17.8 26.6#

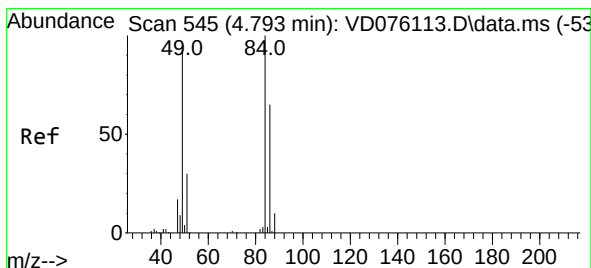
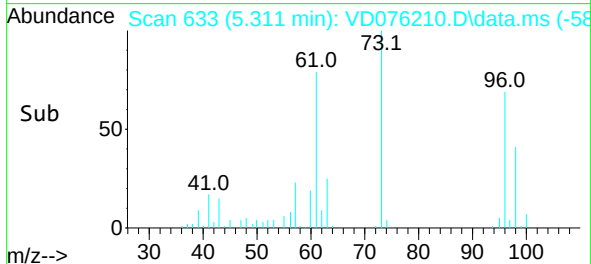
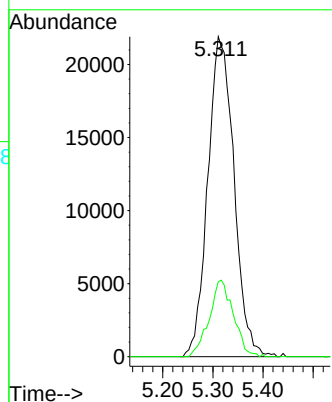
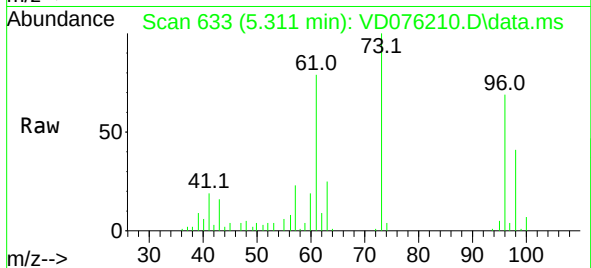




#19
Methyl tert-butyl Ether
Concen: 21.004 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

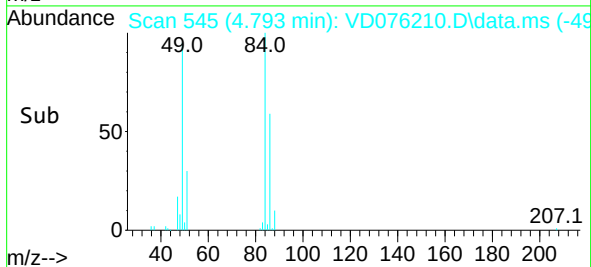
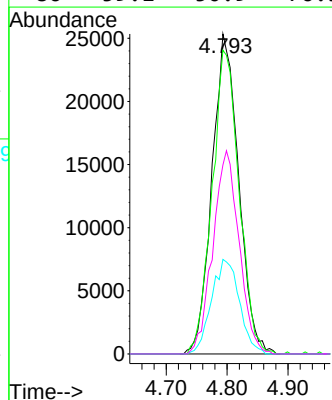
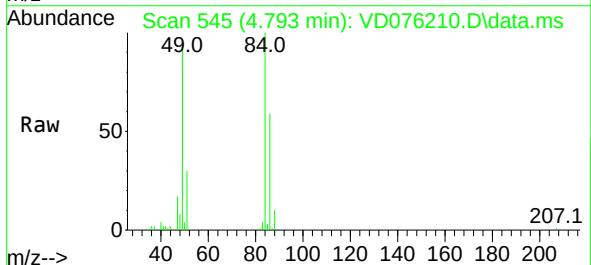
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

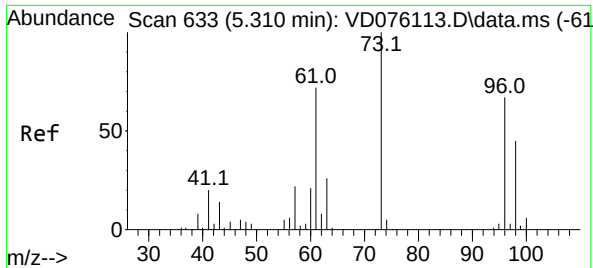
Tgt Ion: 73 Resp: 79399
Ion Ratio Lower Upper
73 100
57 23.4 17.2 25.8



#20
Methylene Chloride
Concen: 23.080 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

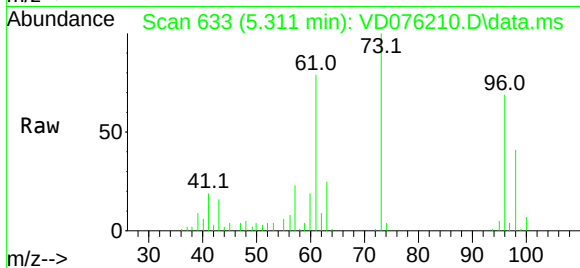
Tgt Ion: 84 Resp: 76987
Ion Ratio Lower Upper
84 100
49 94.9 106.4 159.6#
51 29.6 32.4 48.6#
86 59.1 50.9 76.3



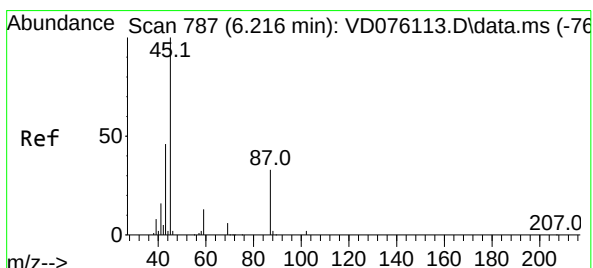
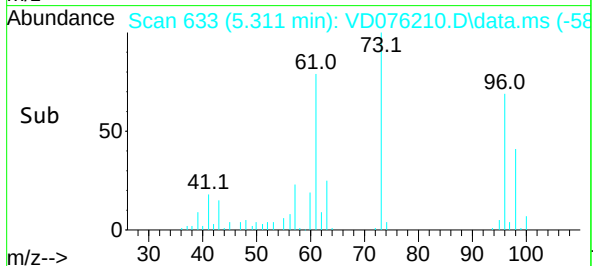
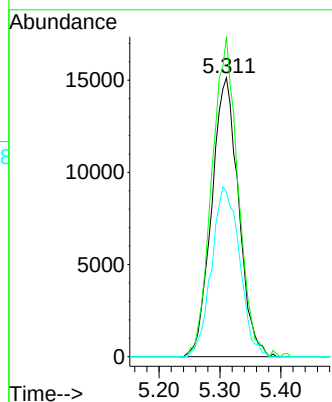


#21
trans-1,2-Dichloroethene
Concen: 20.839 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

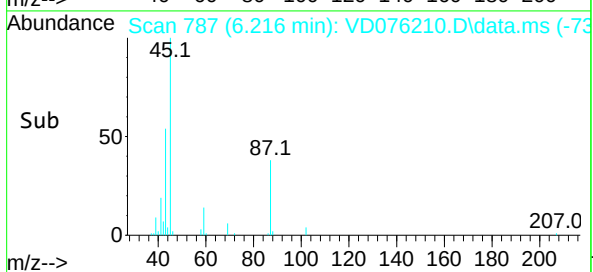
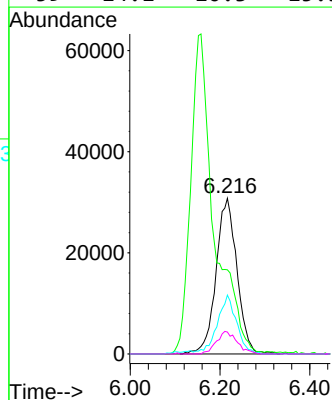
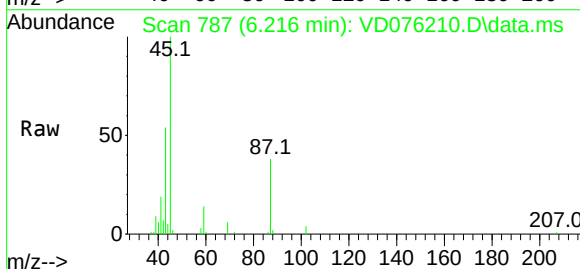


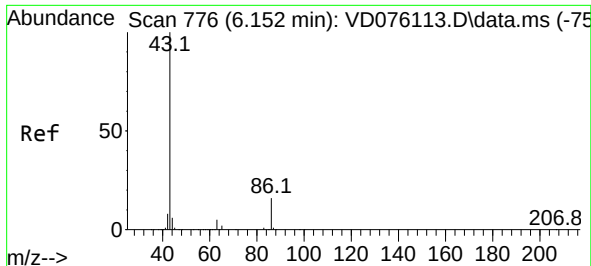
Tgt Ion: 96 Resp: 46385
Ion Ratio Lower Upper
96 100
61 114.7 117.2 175.8#
98 59.0 50.6 76.0



#22
Diisopropyl ether
Concen: 21.955 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 45 Resp: 99888
Ion Ratio Lower Upper
45 100
43 52.8 44.4 66.6
87 37.8 20.9 31.3#
59 14.1 10.3 15.5

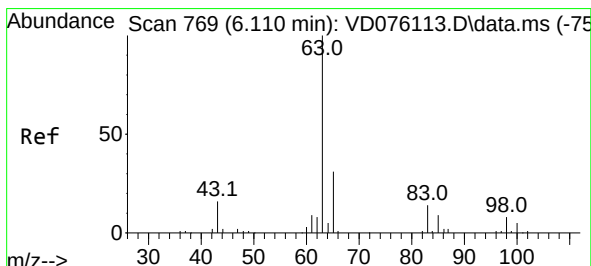
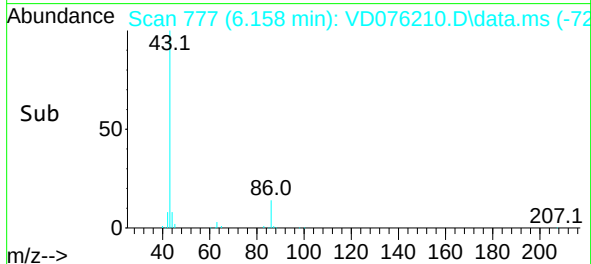
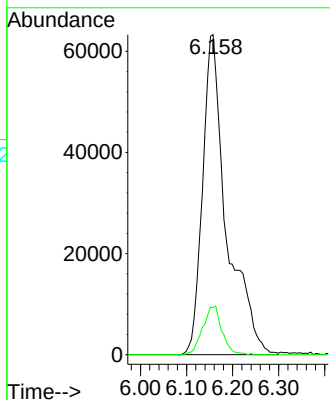
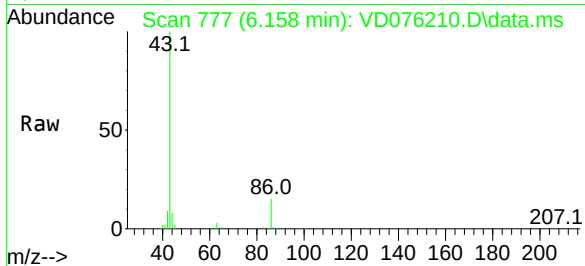




#23
 Vinyl Acetate
 Concen: 128.540 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD076210.D
 Acq: 24 May 2023 13:12

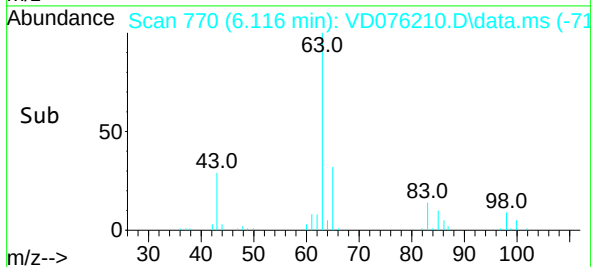
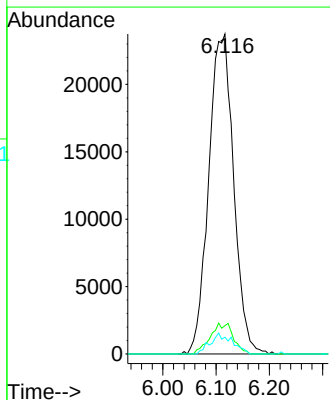
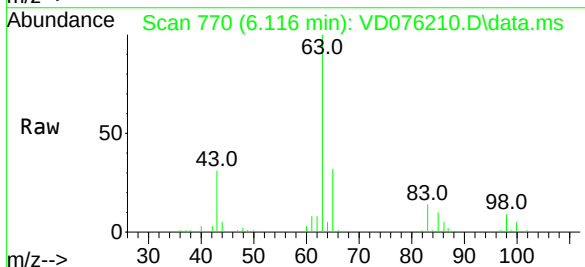
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

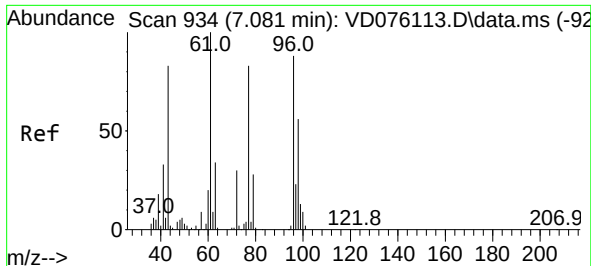
Tgt Ion: 43 Resp: 229945
 Ion Ratio Lower Upper
 43 100
 86 14.8 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 21.478 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD076210.D
 Acq: 24 May 2023 13:12

Tgt Ion: 63 Resp: 77067
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 5.2 2.0 6.0

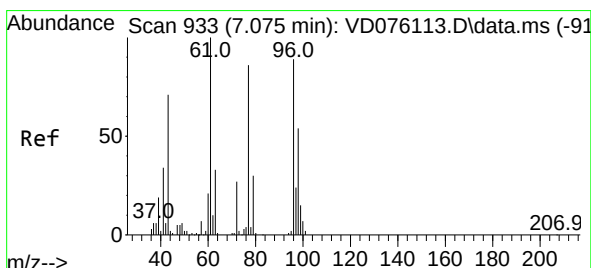
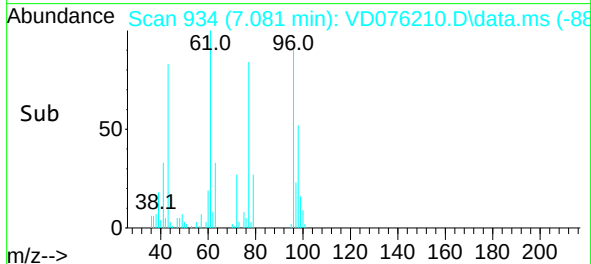
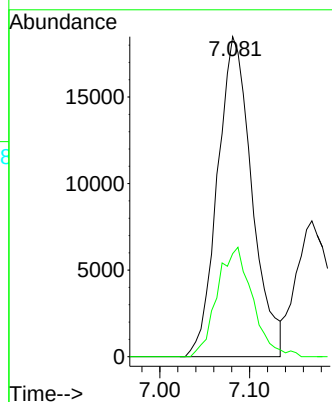
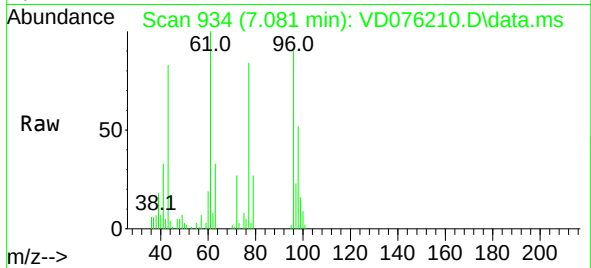




#25
2-Butanone
Concen: 114.409 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

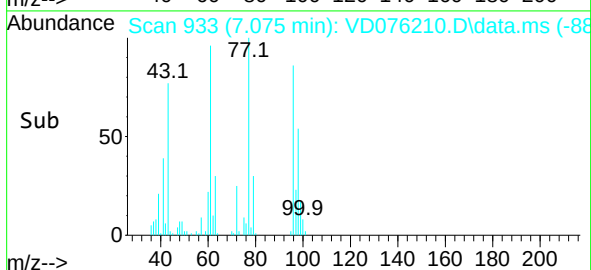
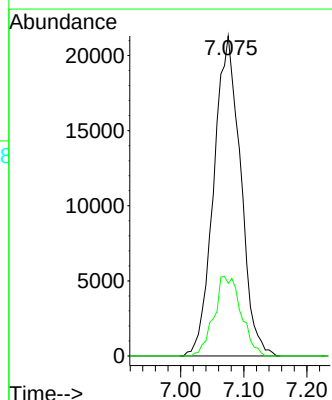
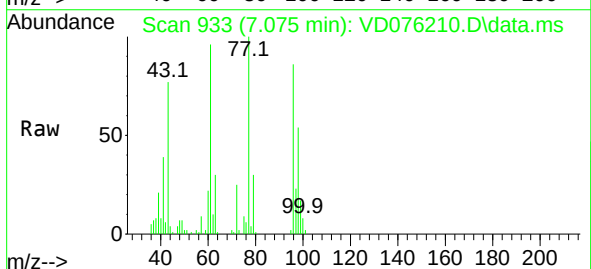
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

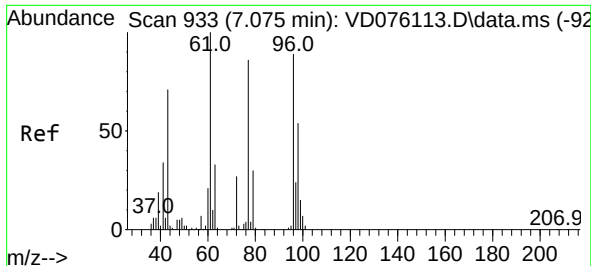
Tgt Ion: 43 Resp: 49431
Ion Ratio Lower Upper
43 100
72 32.2 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 21.475 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 77 Resp: 62830
Ion Ratio Lower Upper
77 100
97 25.2 11.1 33.1



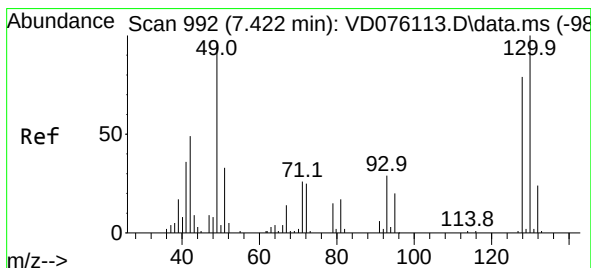
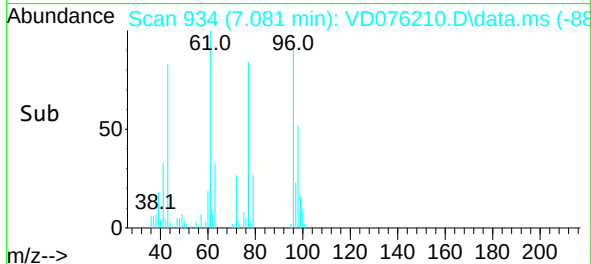
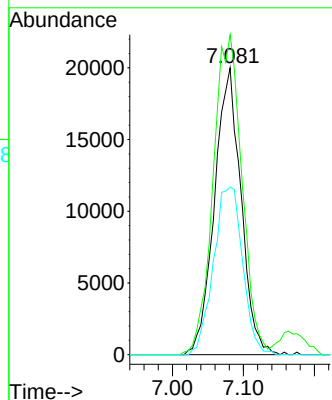
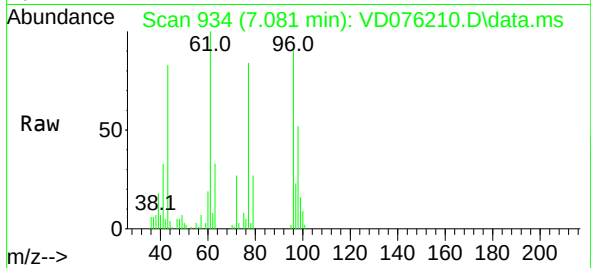


#27
 cis-1,2-Dichloroethene
 Concen: 20.959 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076210.D
 Acq: 24 May 2023 13:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBSD01

Tgt Ion: 96 Resp: 51771

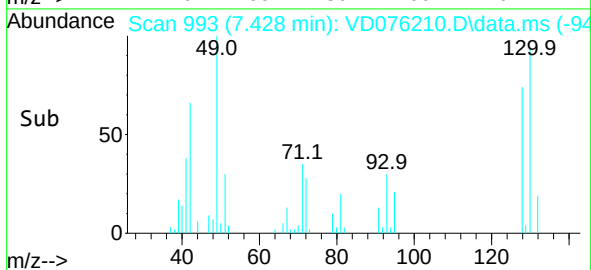
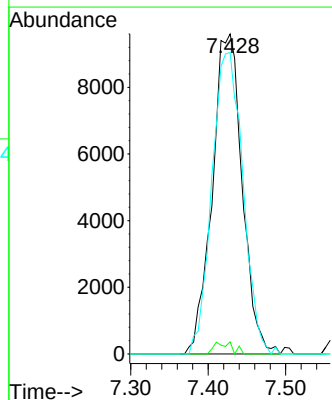
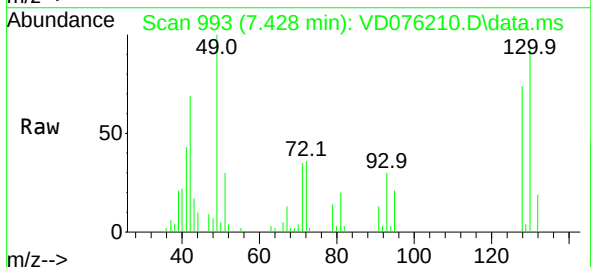
Ion	Ratio	Lower	Upper
96	100		
61	121.2	0.0	295.2
98	64.3	0.0	129.2

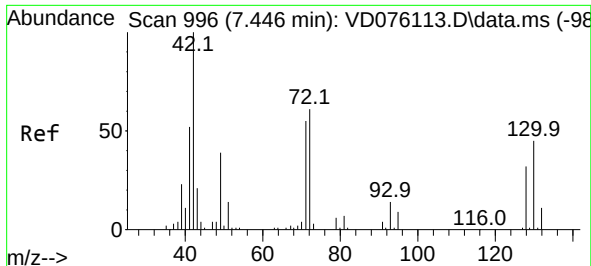


#28
 Bromochloromethane
 Concen: 21.556 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076210.D
 Acq: 24 May 2023 13:12

Tgt Ion: 49 Resp: 25790

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2
130	97.8	56.0	84.0





#29

Tetrahydrofuran

Concen: 112.664 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD01

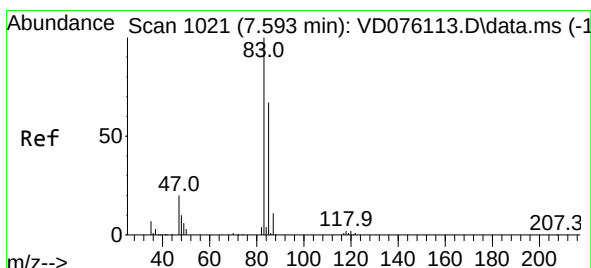
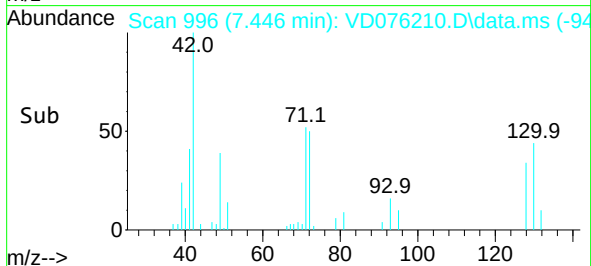
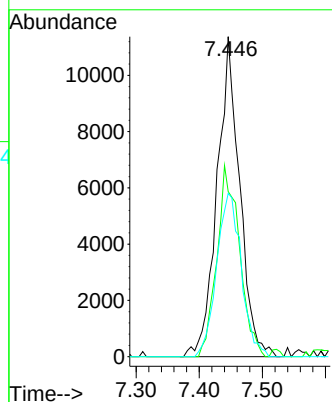
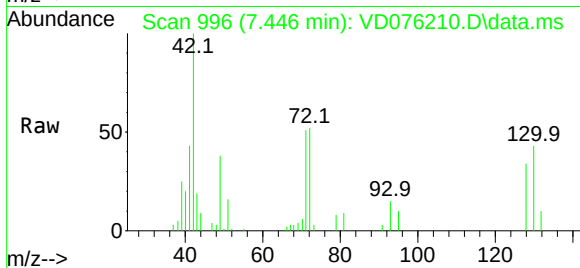
Tgt Ion: 42 Resp: 28372

Ion Ratio Lower Upper

42 100

72 59.6 31.8 47.6#

71 55.5 27.6 41.4#



#30

Chloroform

Concen: 21.654 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD076210.D

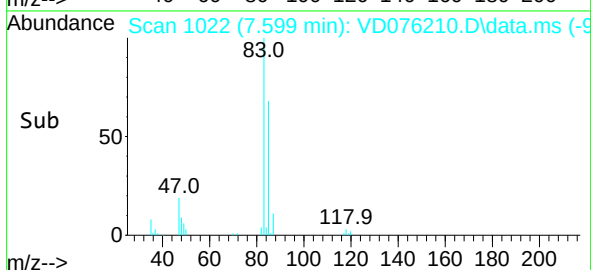
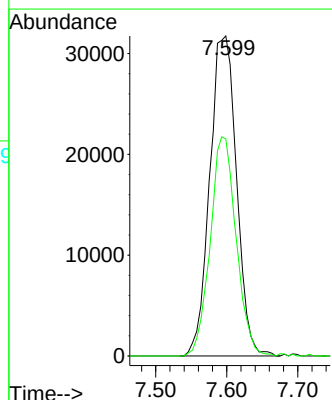
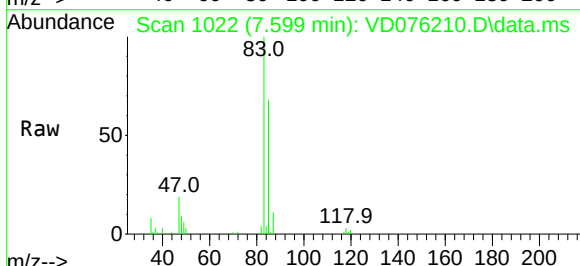
Acq: 24 May 2023 13:12

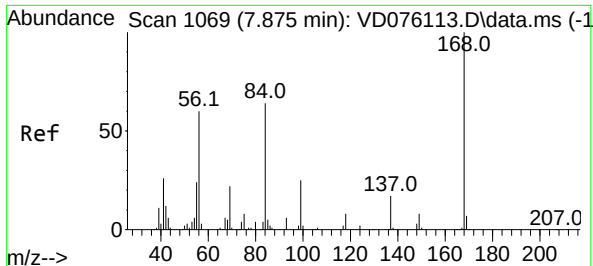
Tgt Ion: 83 Resp: 83089

Ion Ratio Lower Upper

83 100

85 67.9 49.4 74.2

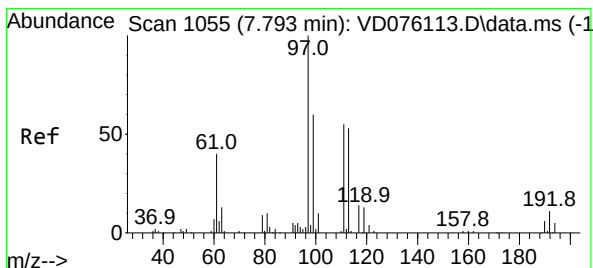
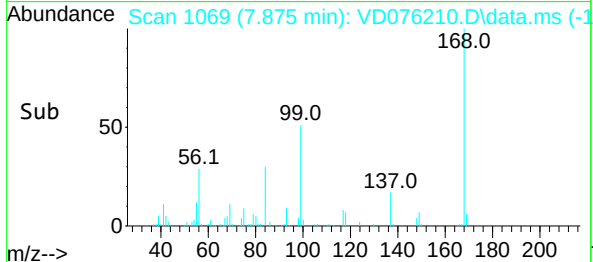
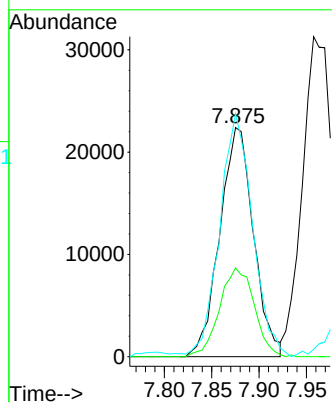
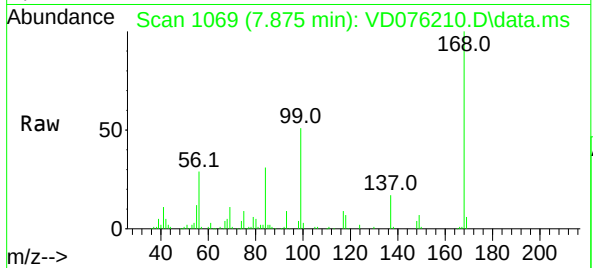




#31
Cyclohexane
Concen: 20.941 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

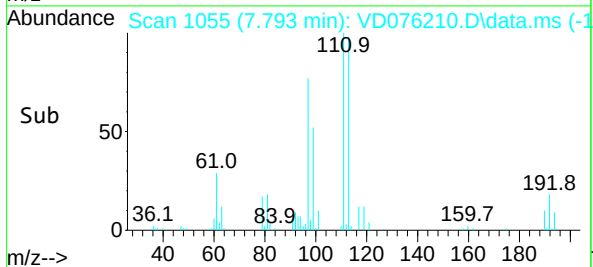
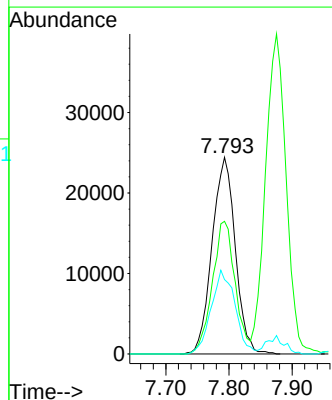
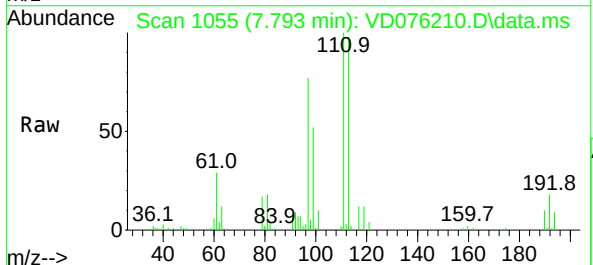
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

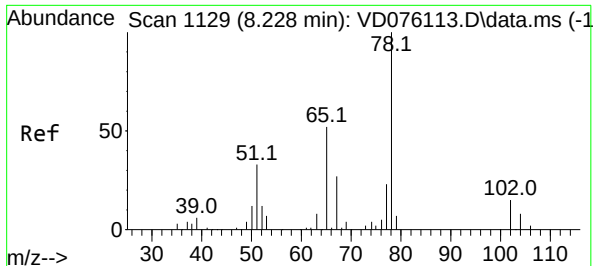
Tgt Ion: 56 Resp: 55389
Ion Ratio Lower Upper
56 100
69 38.8 25.5 38.3#
84 104.7 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.423 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 97 Resp: 62452
Ion Ratio Lower Upper
97 100
99 66.2 50.5 75.7
61 43.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.460 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

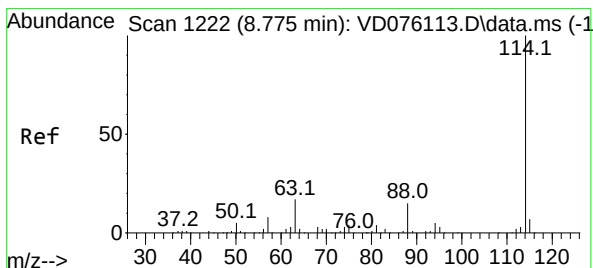
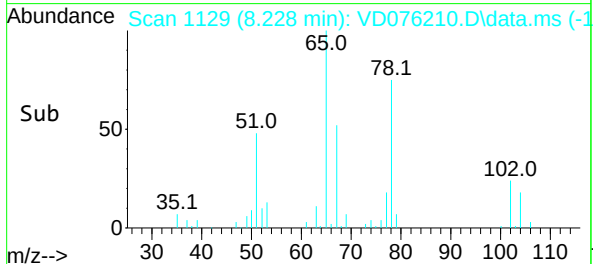
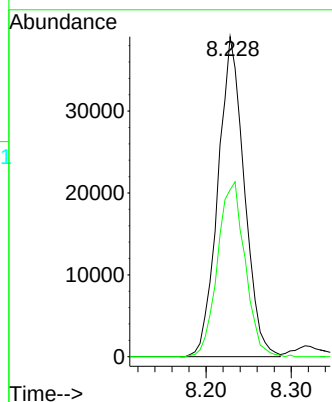
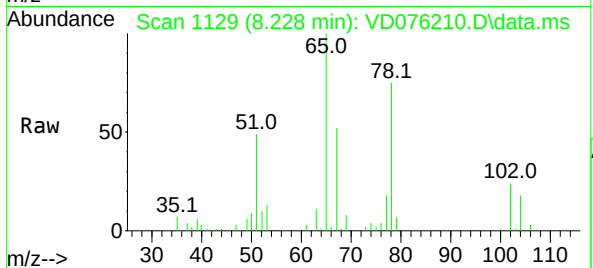
VD0524SBS01

Tgt Ion: 65 Resp: 83693

Ion Ratio Lower Upper

65 100

67 57.0 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: VD076210.D

Acq: 24 May 2023 13:12

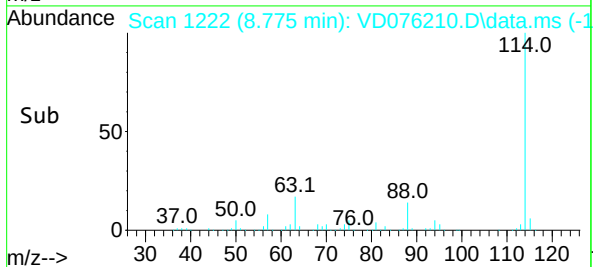
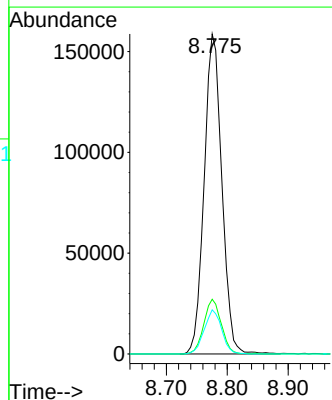
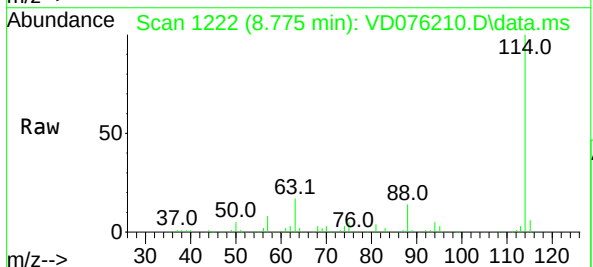
Tgt Ion: 114 Resp: 320307

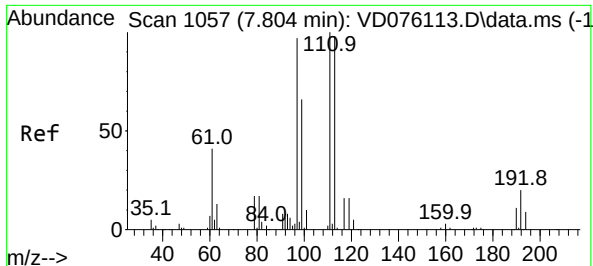
Ion Ratio Lower Upper

114 100

63 17.1 0.0 41.6

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.161 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD01

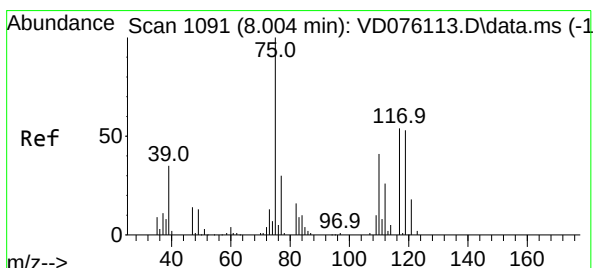
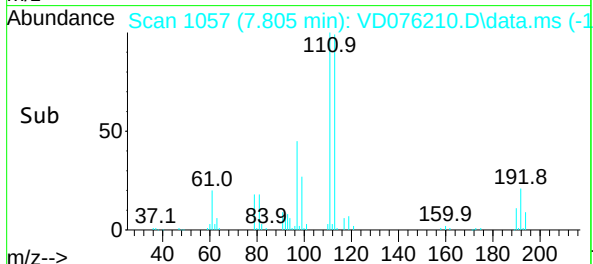
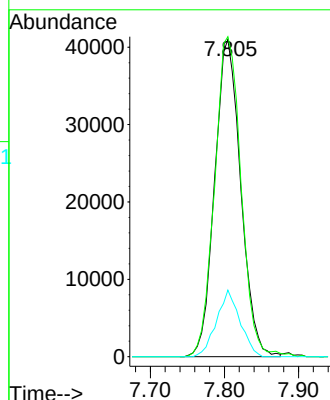
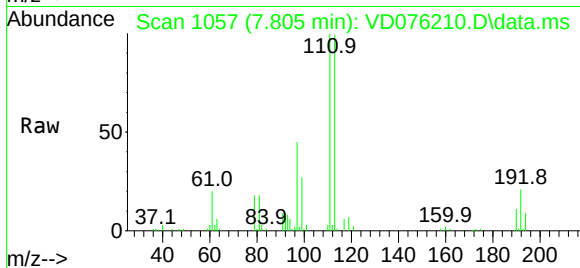
Tgt Ion:113 Resp: 99987

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 18.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 19.060 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

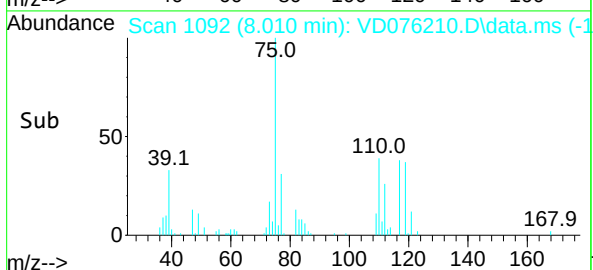
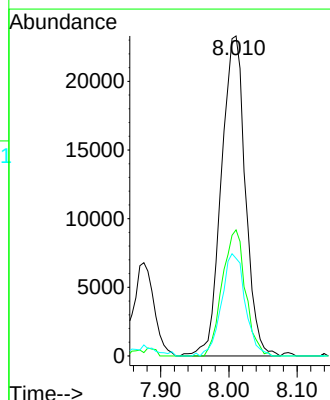
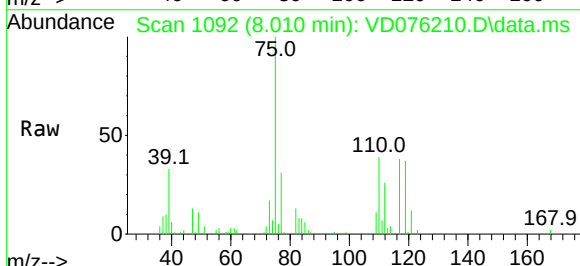
Tgt Ion: 75 Resp: 56993

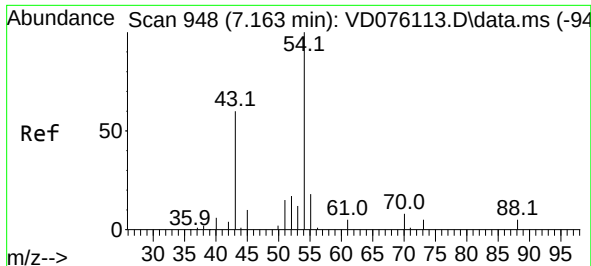
Ion Ratio Lower Upper

75 100

110 38.2 17.1 51.2

77 31.5 24.6 36.8





#37

Ethyl Acetate

Concen: 19.284 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD01

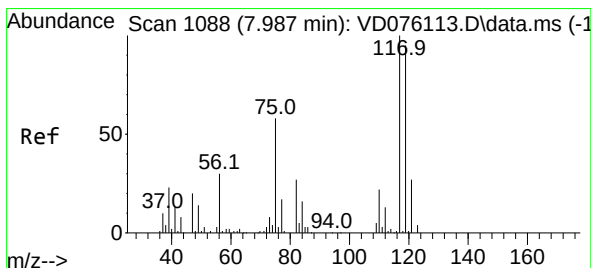
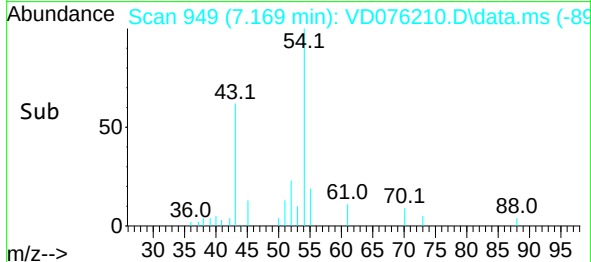
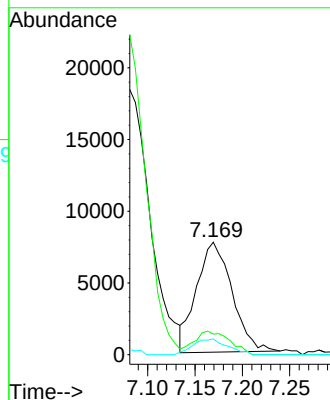
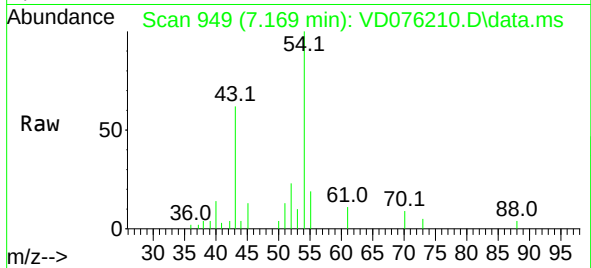
Tgt Ion: 43 Resp: 19967

Ion Ratio Lower Upper

43 100

61 21.4 0.0 0.0#

70 13.9 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 18.731 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

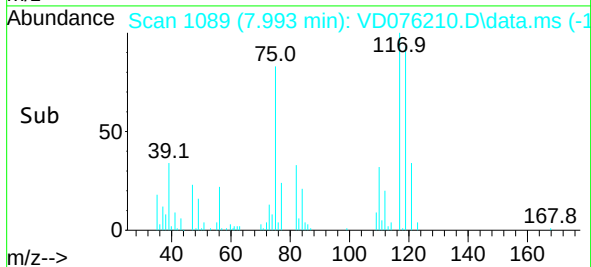
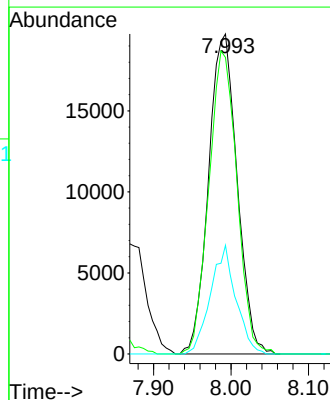
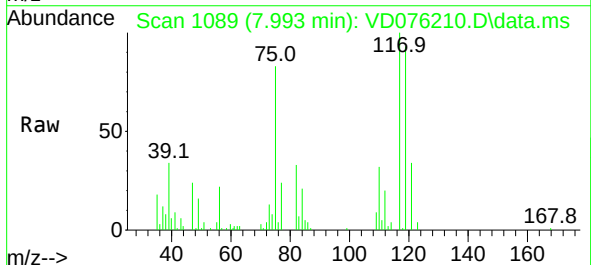
Tgt Ion: 117 Resp: 50590

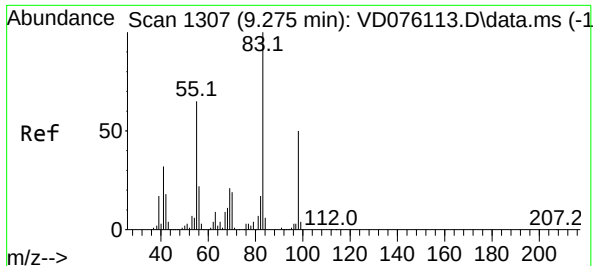
Ion Ratio Lower Upper

117 100

119 92.7 74.7 112.1

121 33.9 25.9 38.9





#39

Methylcyclohexane

Concen: 17.367 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD01

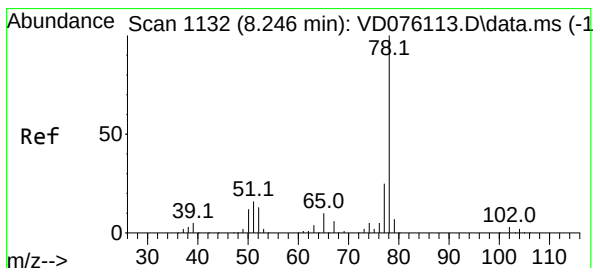
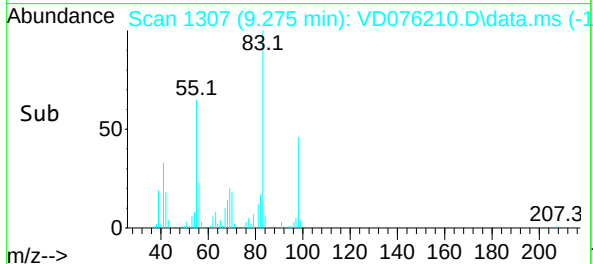
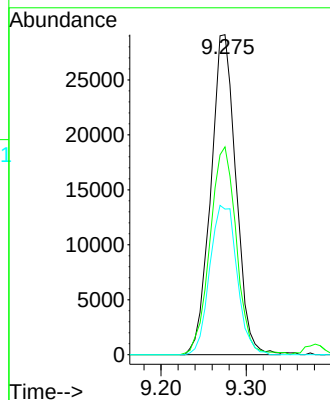
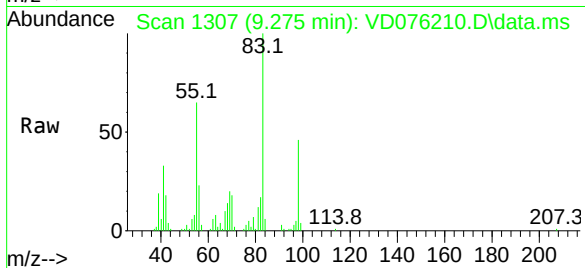
Tgt Ion: 83 Resp: 59788

Ion Ratio Lower Upper

83 100

55 65.0 56.8 85.2

98 45.5 38.9 58.3



#40

Benzene

Concen: 19.208 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076210.D

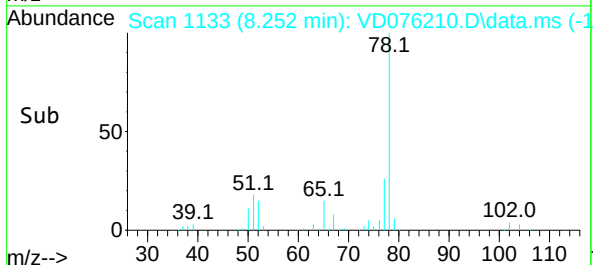
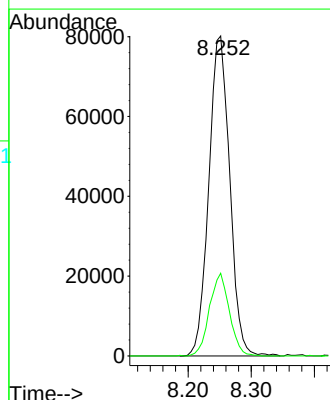
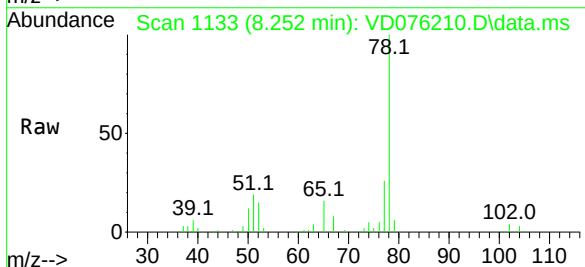
Acq: 24 May 2023 13:12

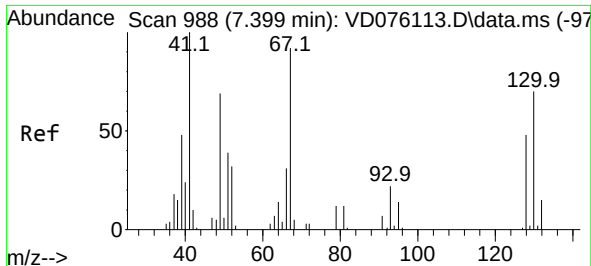
Tgt Ion: 78 Resp: 184650

Ion Ratio Lower Upper

78 100

77 25.9 19.1 28.7

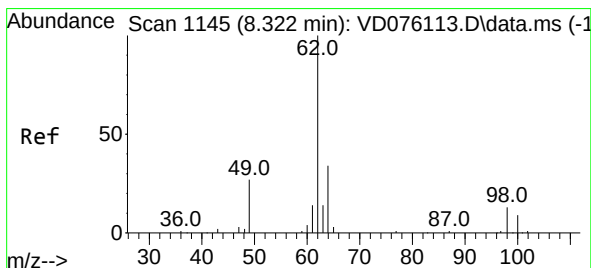
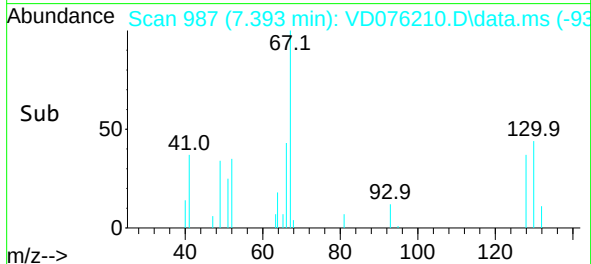
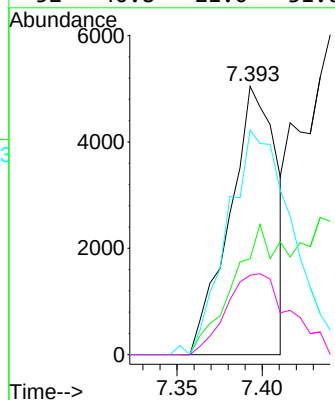
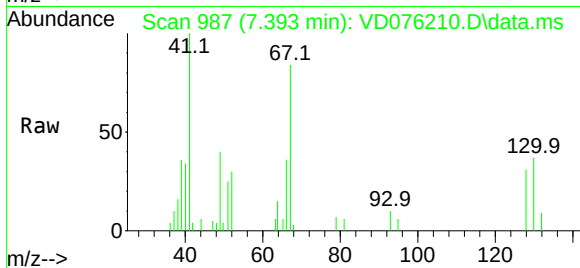




#41
Methacrylonitrile
Concen: 16.893 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

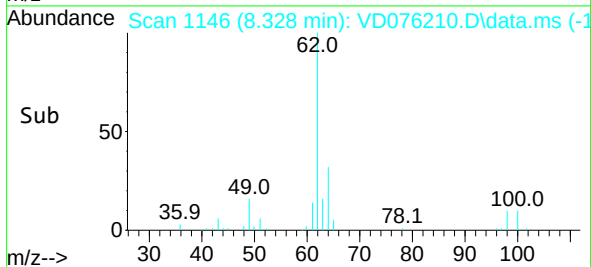
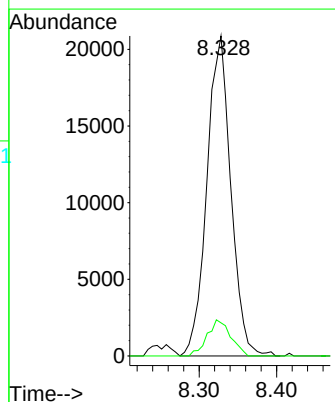
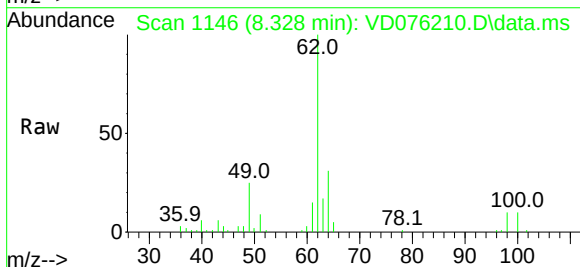
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

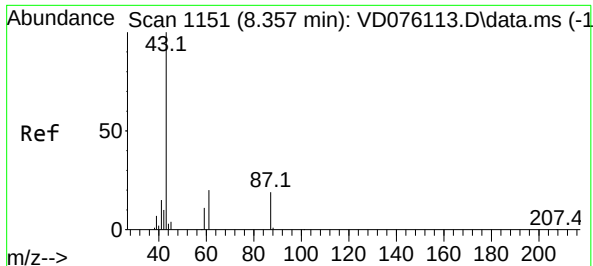
Tgt Ion: 41 Resp: 9591
Ion Ratio Lower Upper
41 100
39 53.9 45.3 67.9
67 118.0 50.5 75.7#
52 40.8 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 19.747 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 62 Resp: 44902
Ion Ratio Lower Upper
62 100
98 11.1 0.0 18.8

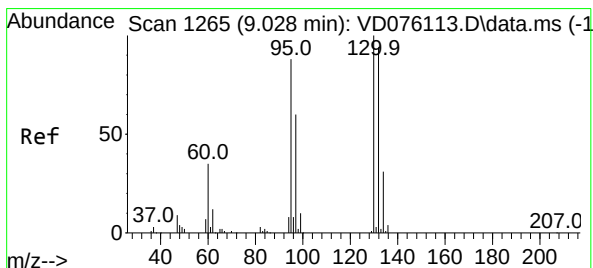
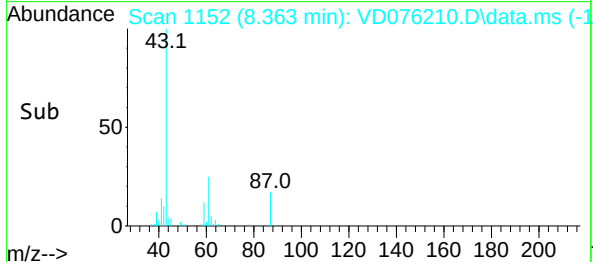
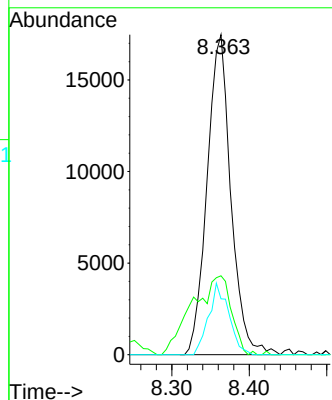
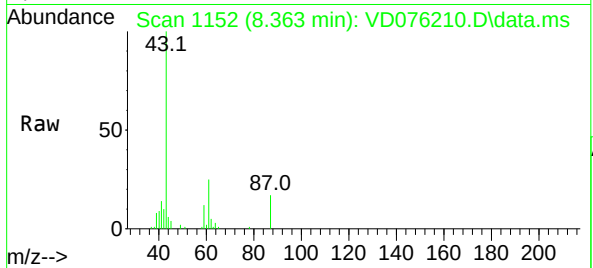




#43
Isopropyl Acetate
Concen: 19.249 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

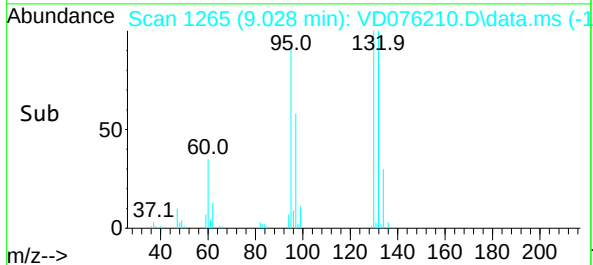
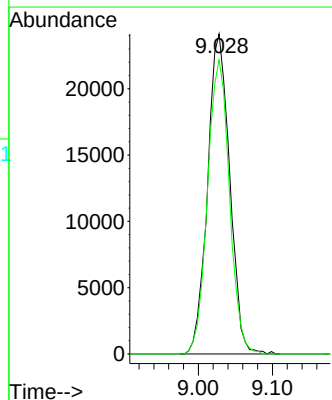
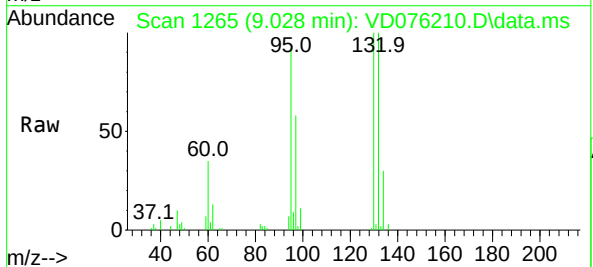
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

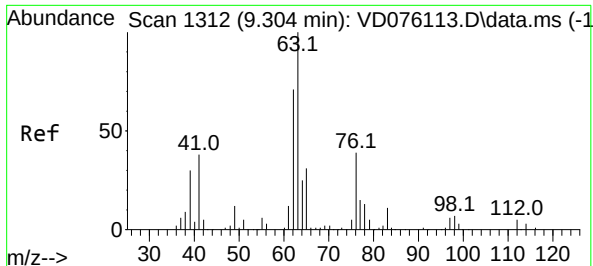
Tgt Ion: 43 Resp: 37232
Ion Ratio Lower Upper
43 100
61 40.4 23.4 35.0#
87 18.9 9.5 14.3#



#44
Trichloroethene
Concen: 18.460 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 130 Resp: 50014
Ion Ratio Lower Upper
130 100
95 91.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 19.578 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

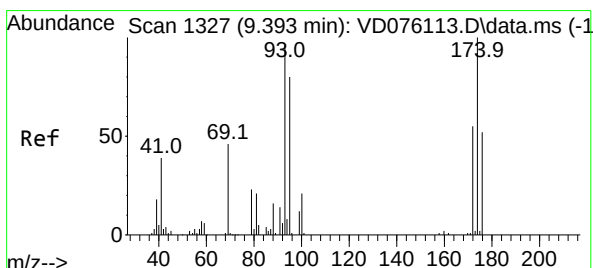
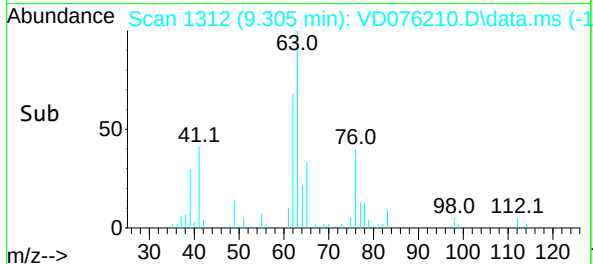
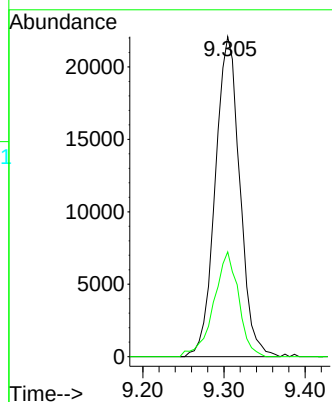
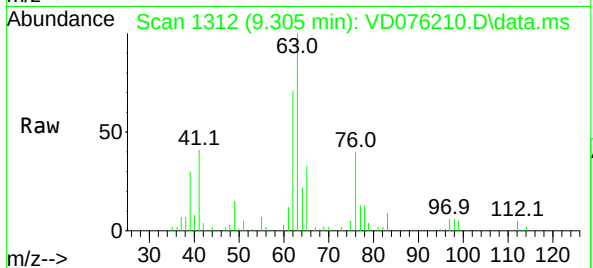
VD0524SBS01

Tgt Ion: 63 Resp: 46424

Ion Ratio Lower Upper

63 100

65 32.8 23.0 34.4



#46

Dibromomethane

Concen: 19.729 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

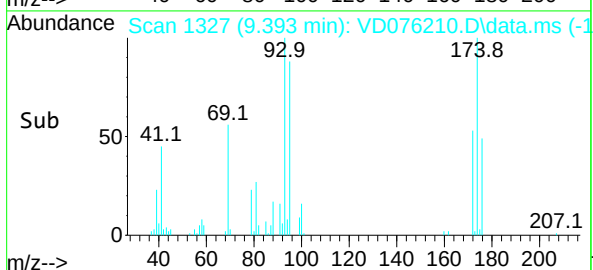
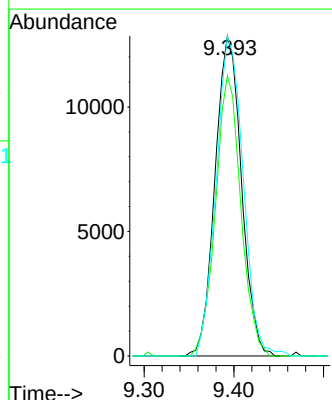
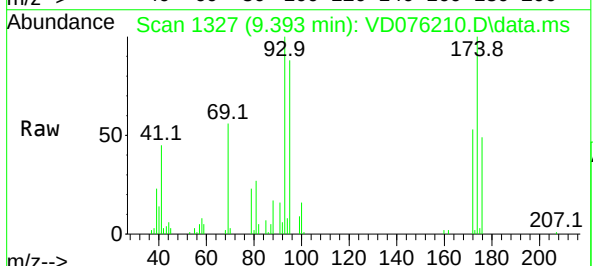
Tgt Ion: 93 Resp: 26223

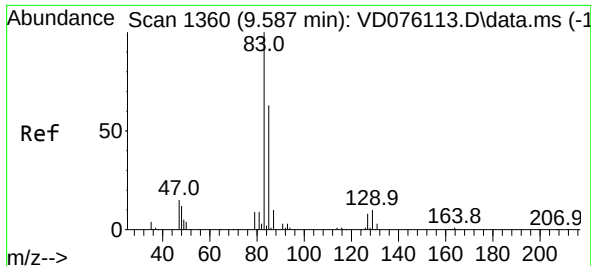
Ion Ratio Lower Upper

93 100

95 84.3 64.5 96.7

174 102.2 76.2 114.4

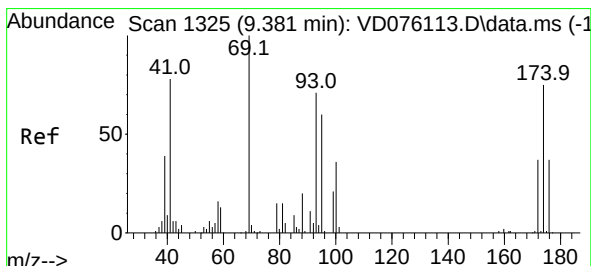
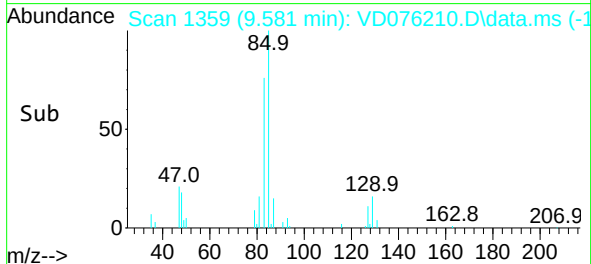
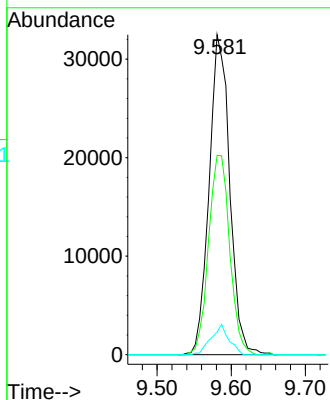
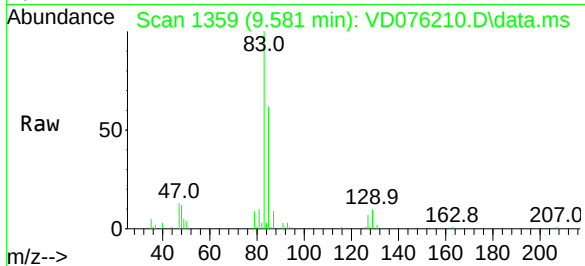




#47
Bromodichloromethane
Concen: 19.598 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

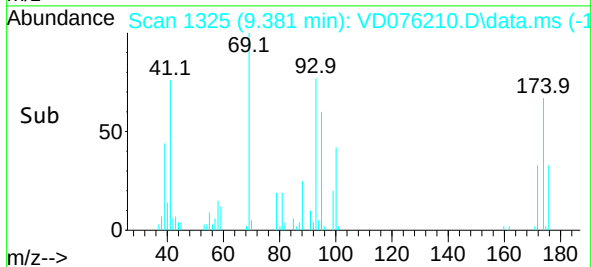
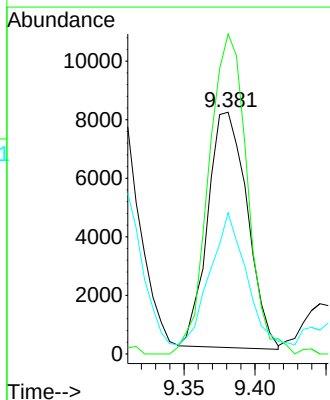
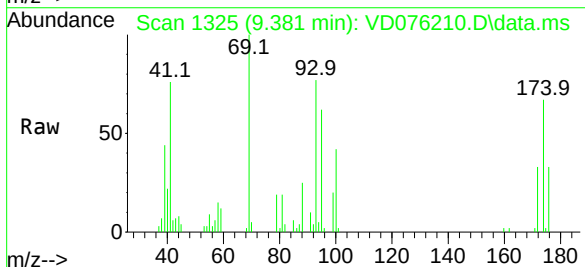
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

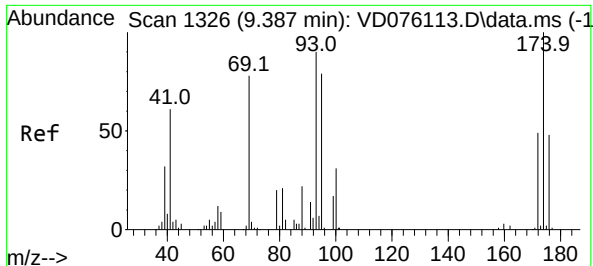
Tgt Ion: 83 Resp: 62605
Ion Ratio Lower Upper
83 100
85 62.3 53.7 80.5
127 7.1 7.0 10.6



#48
Methyl methacrylate
Concen: 18.199 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 41 Resp: 15579
Ion Ratio Lower Upper
41 100
69 132.7 58.6 88.0#
39 60.2 53.4 80.0





#49

1,4-Dioxane

Concen: 414.189 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

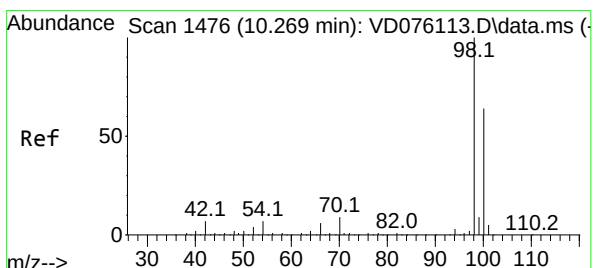
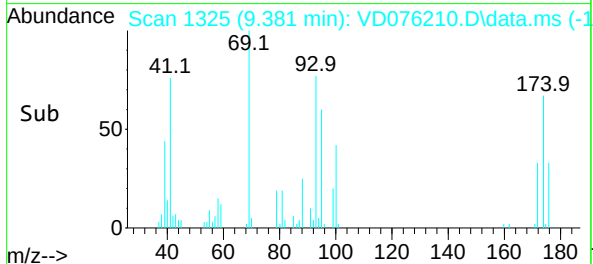
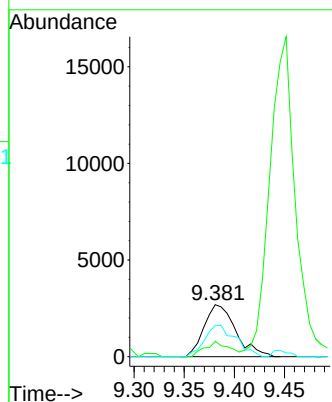
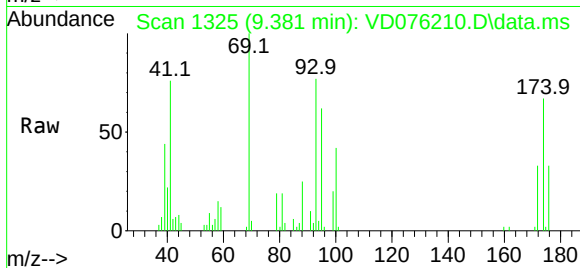
Tgt Ion: 88 Resp: 5887

Ion Ratio Lower Upper

88 100

43 22.5 34.6 51.8#

58 59.4 58.0 87.0



#50

Toluene-d8

Concen: 43.688 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076210.D

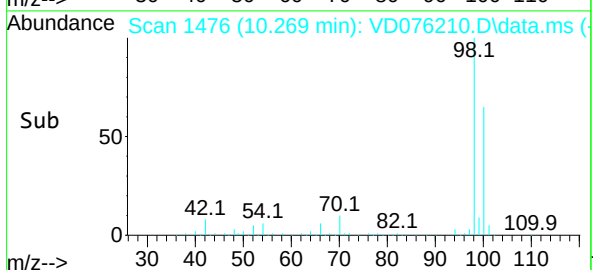
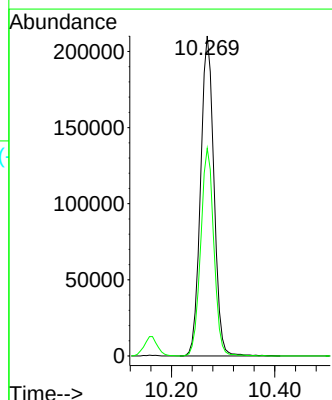
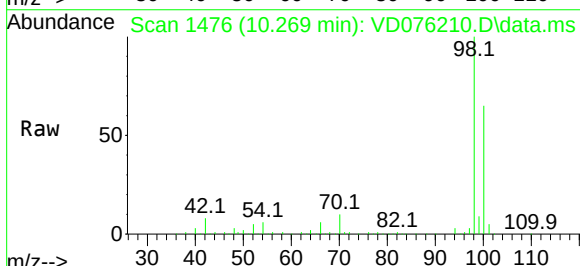
Acq: 24 May 2023 13:12

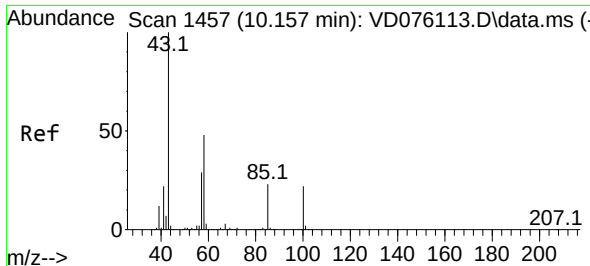
Tgt Ion: 98 Resp: 377064

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1

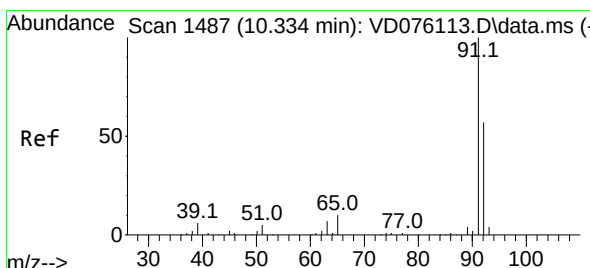
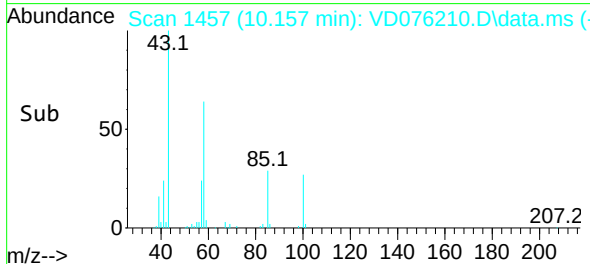
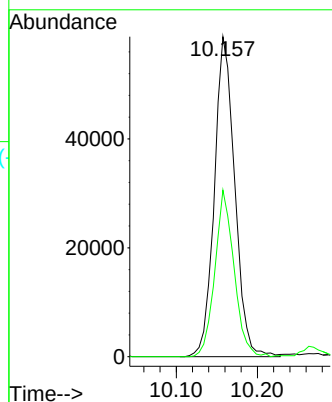
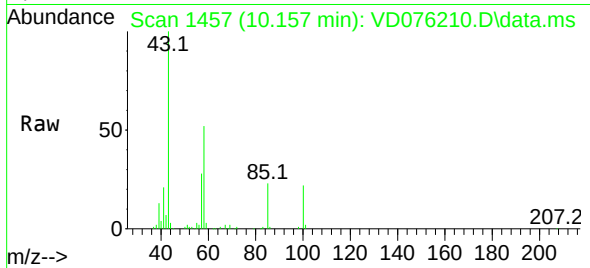




#51
4-Methyl-2-Pentanone
Concen: 99.943 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

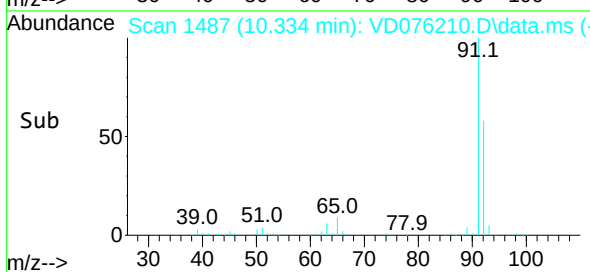
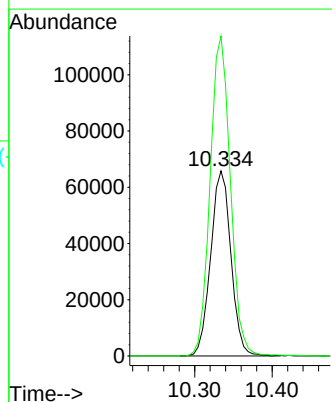
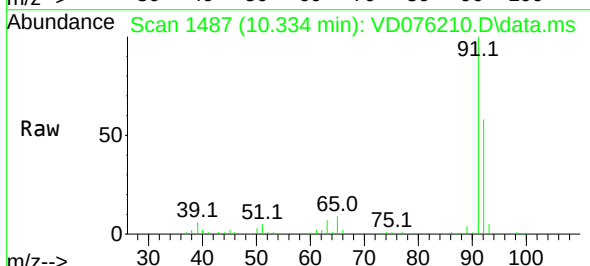
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

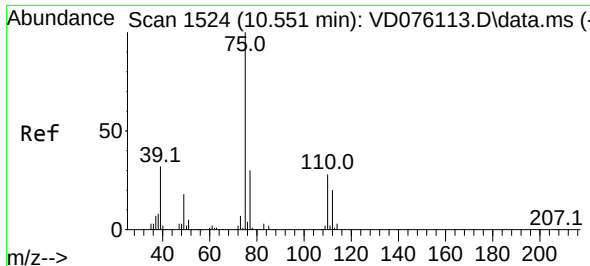
Tgt Ion: 43 Resp: 102812
Ion Ratio Lower Upper
43 100
58 48.9 29.5 44.3#



#52
Toluene
Concen: 19.910 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 92 Resp: 119544
Ion Ratio Lower Upper
92 100
91 173.0 136.5 204.7

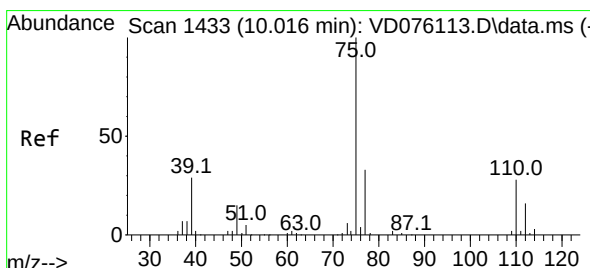
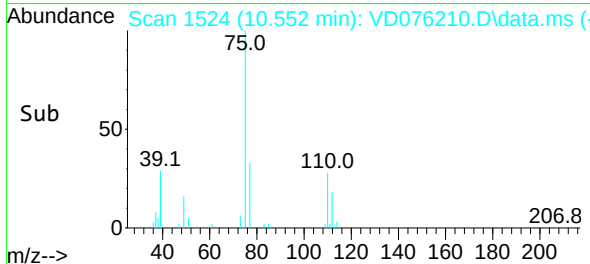
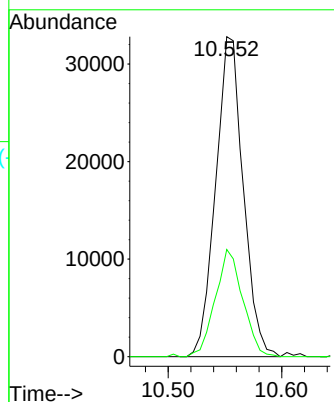
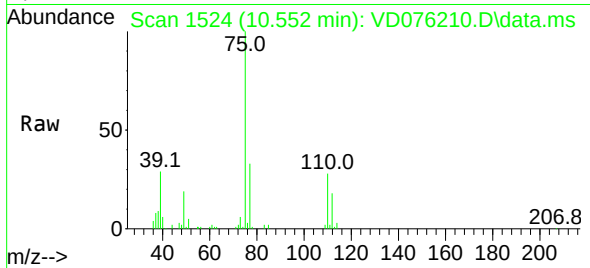




#53
t-1,3-Dichloropropene
Concen: 19.210 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. -0.005 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

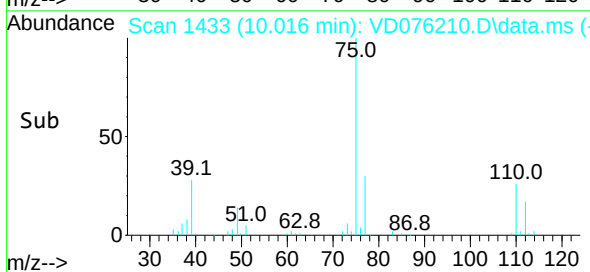
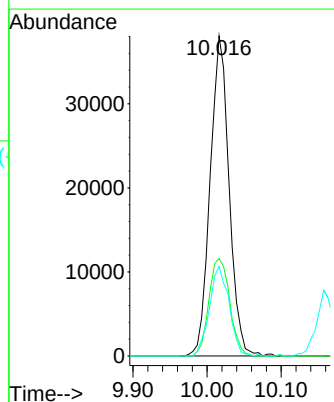
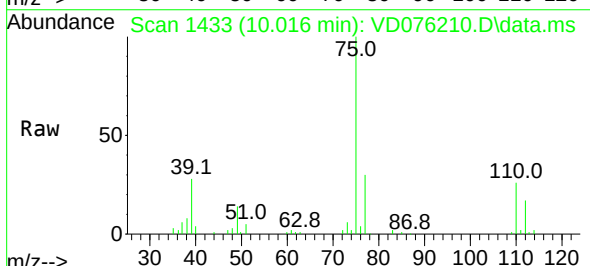
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

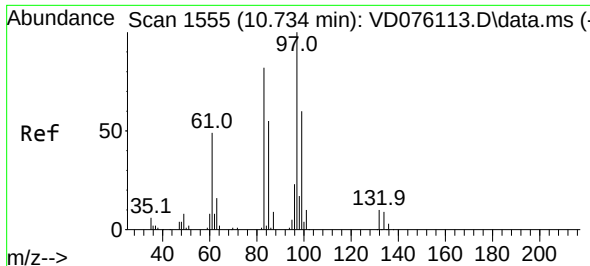
Tgt Ion: 75 Resp: 55306
Ion Ratio Lower Upper
75 100
77 33.5 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 19.255 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 75 Resp: 67652
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 28.0 44.8 67.2#

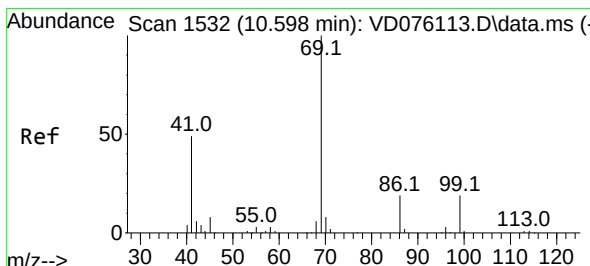
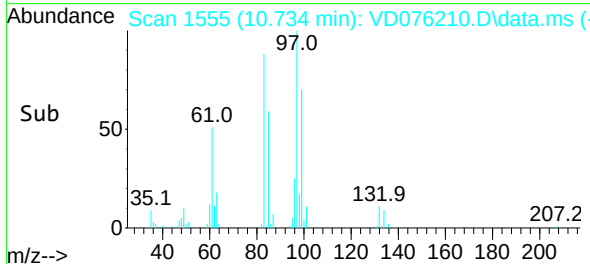
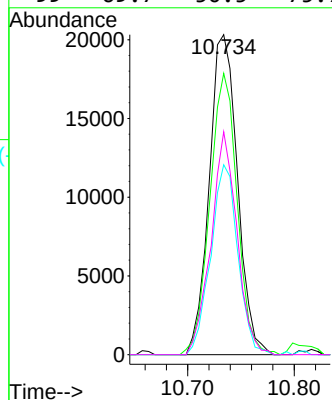
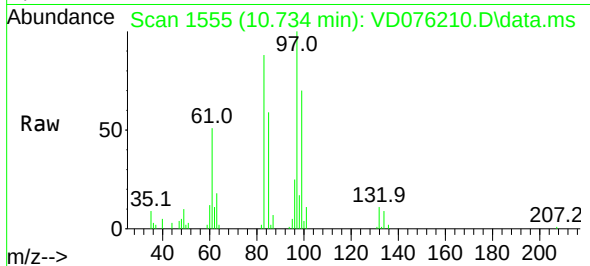




#55
1,1,2-Trichloroethane
Concen: 19.634 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

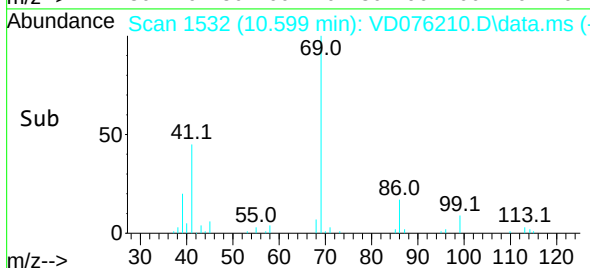
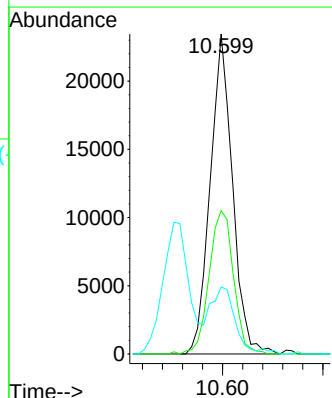
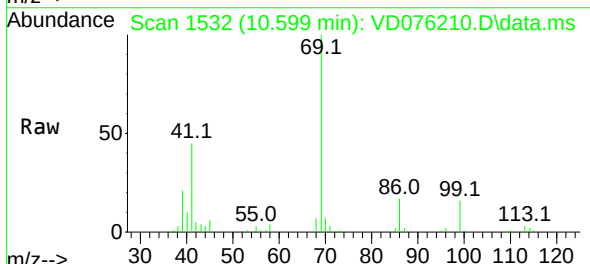
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

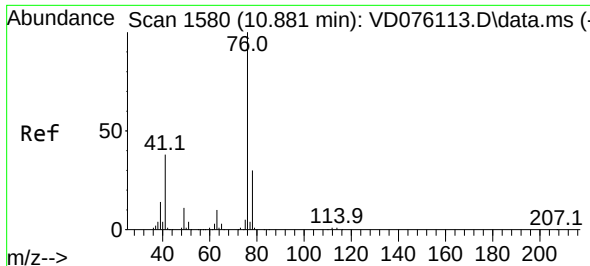
Tgt Ion:	97	Resp:	37423
Ion	Ratio	Lower	Upper
97	100		
83	87.9	74.2	111.4
85	59.4	45.4	68.0
99	69.7	50.5	75.7



#56
Ethyl methacrylate
Concen: 18.905 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:	69	Resp:	36218
Ion	Ratio	Lower	Upper
69	100		
41	49.0	59.3	88.9#
39	20.7	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 19.988 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

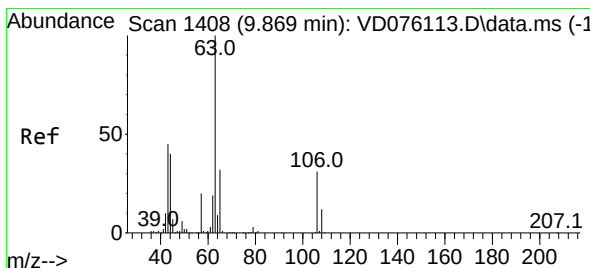
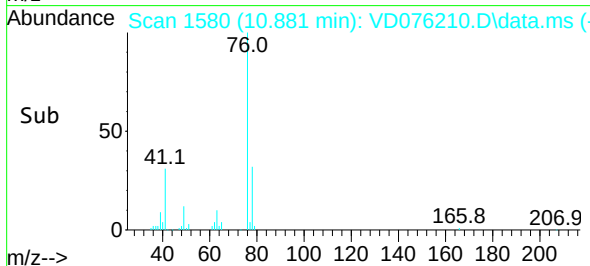
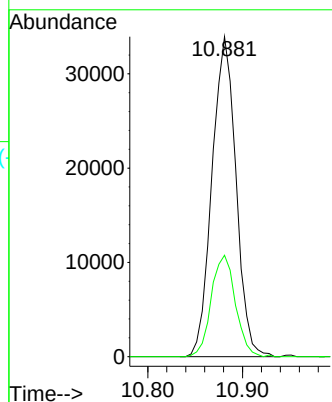
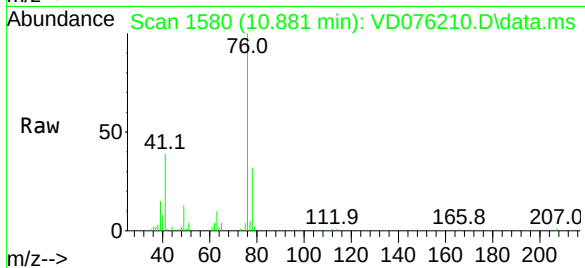
VD0524SBS01

Tgt Ion: 76 Resp: 59772

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.385 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076210.D

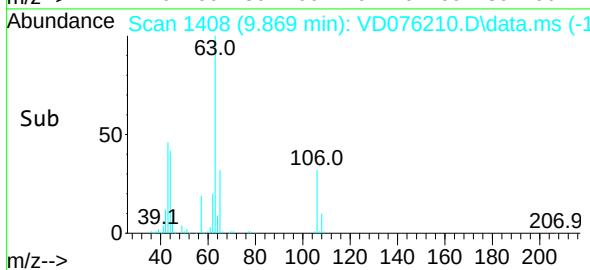
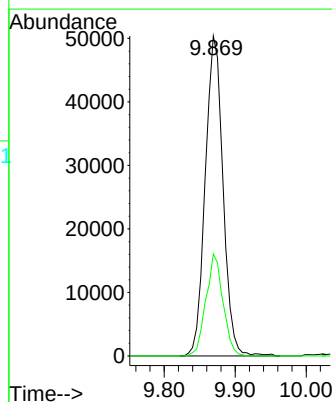
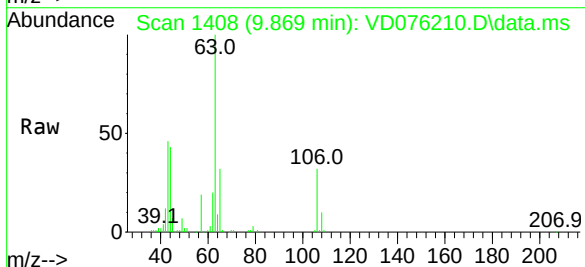
Acq: 24 May 2023 13:12

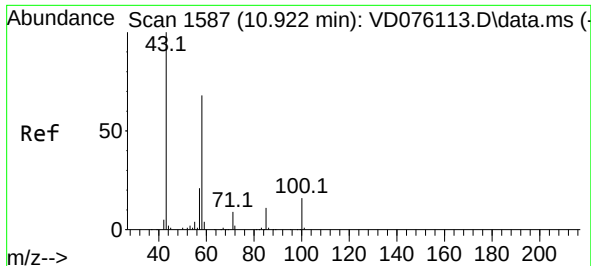
Tgt Ion: 63 Resp: 87680

Ion Ratio Lower Upper

63 100

106 30.6 21.4 32.2

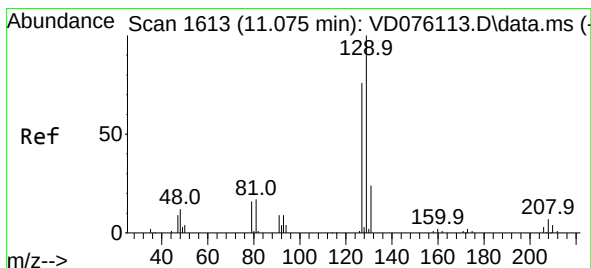
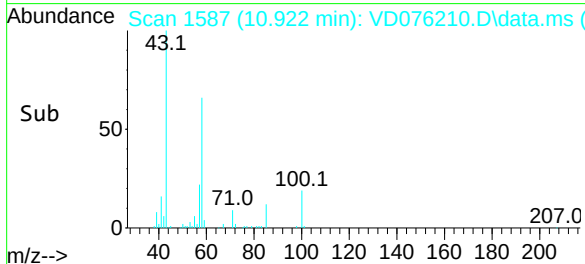
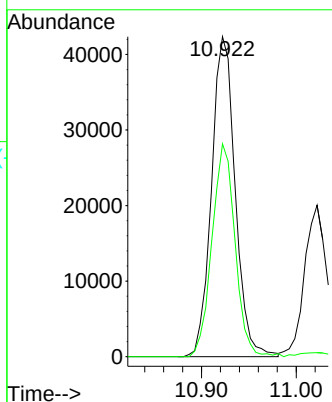
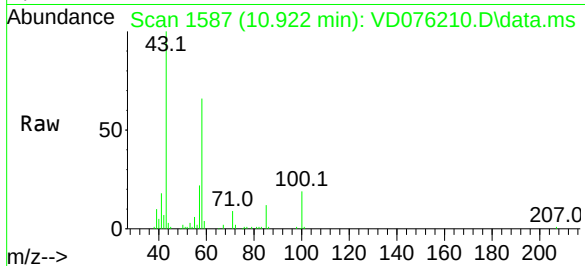




#59
2-Hexanone
Concen: 101.231 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

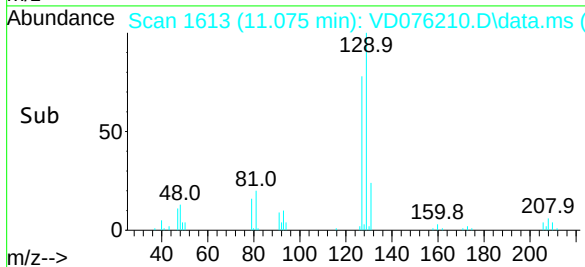
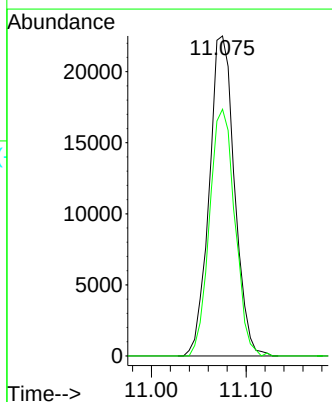
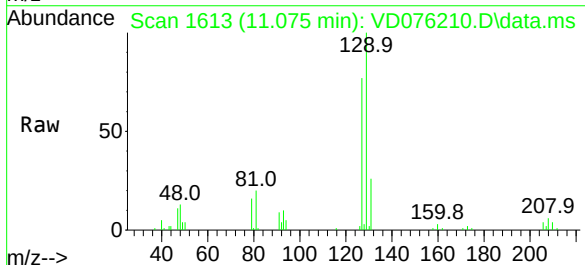
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

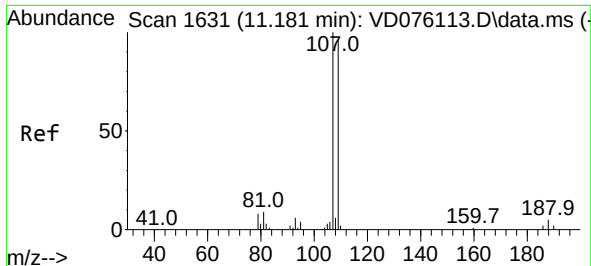
Tgt Ion: 43 Resp: 73440
Ion Ratio Lower Upper
43 100
58 64.8 25.3 75.8



#60
Dibromochloromethane
Concen: 19.503 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 129 Resp: 41799
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

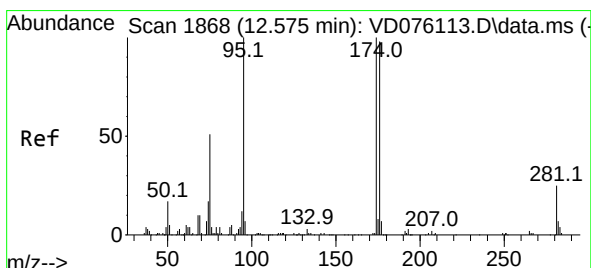
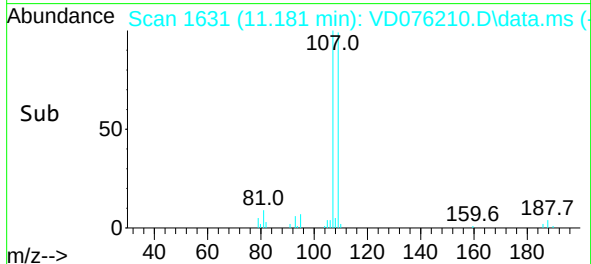
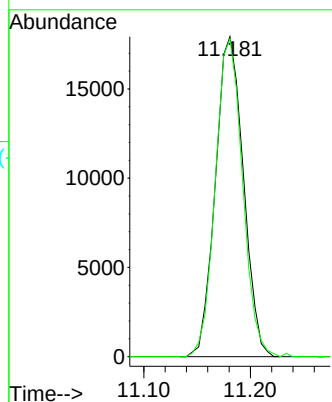
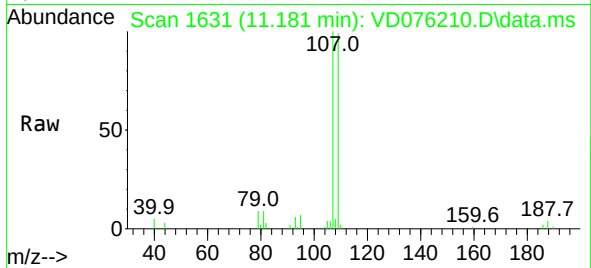




#61
1,2-Dibromoethane
Concen: 19.241 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

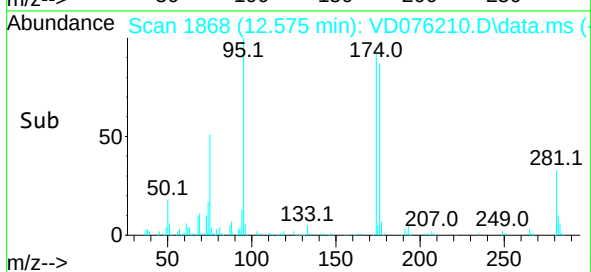
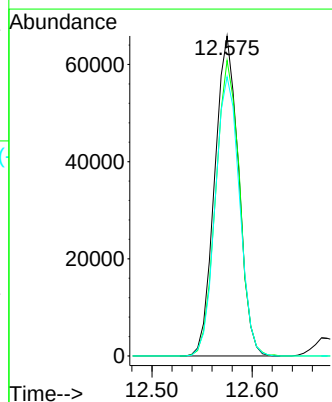
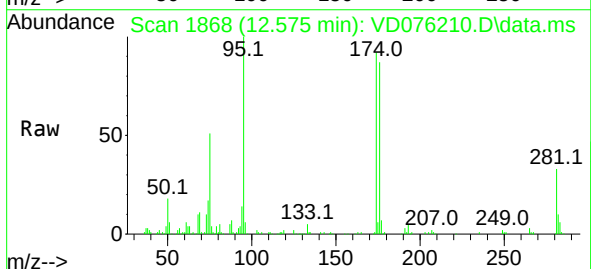
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

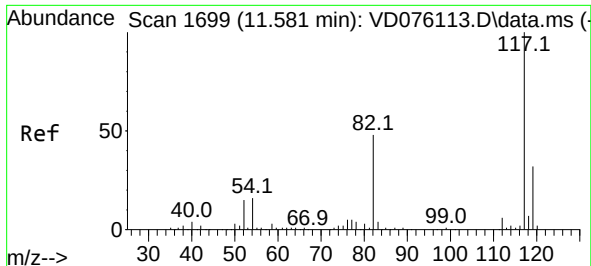
Tgt Ion:107 Resp: 32623
Ion Ratio Lower Upper
107 100
109 96.9 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 45.357 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 95 Resp: 108744
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 88.3 0.0 156.8

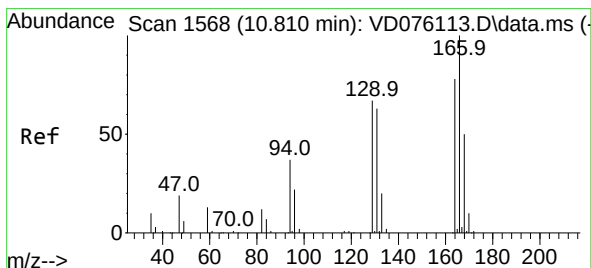
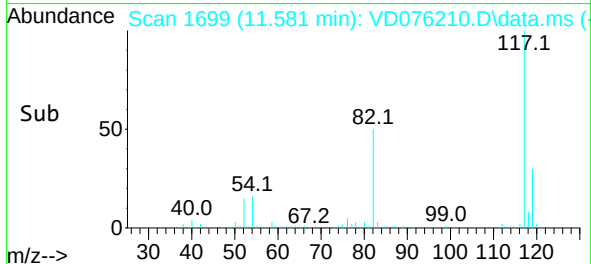
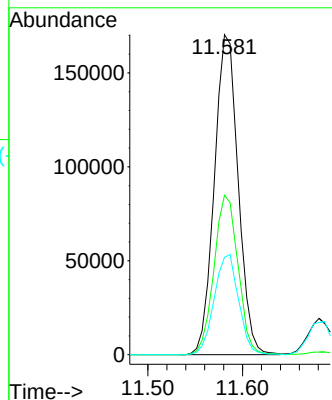
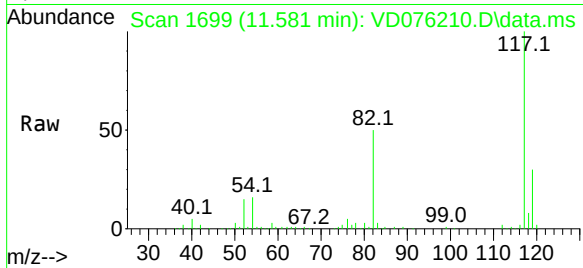




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

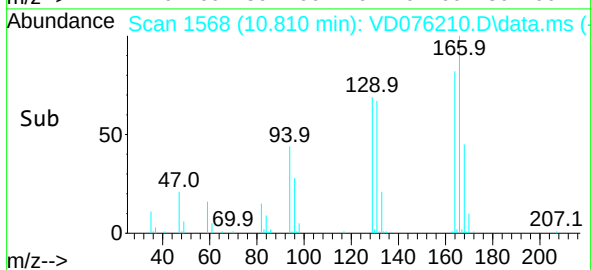
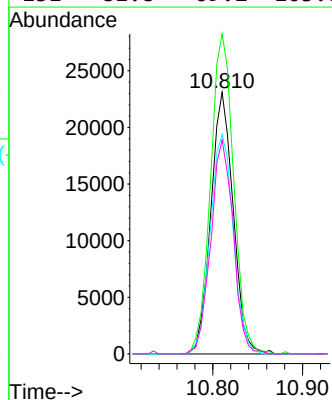
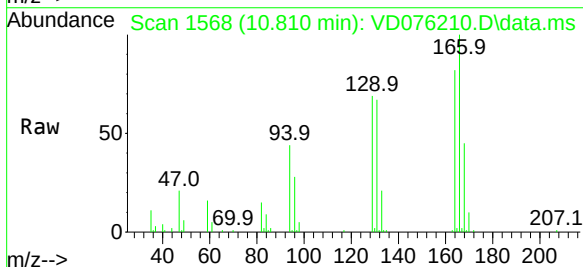
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

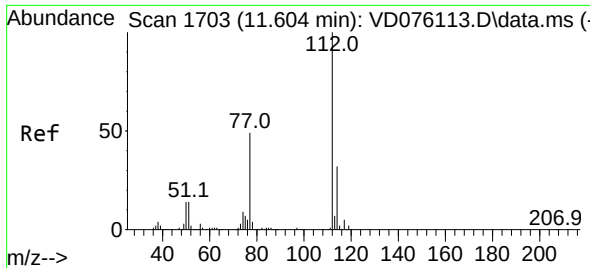
Tgt Ion:117 Resp: 298119
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 30.5 25.1 37.7



#64
Tetrachloroethene
Concen: 17.402 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:164 Resp: 39894
Ion Ratio Lower Upper
164 100
166 122.3 94.9 142.3
129 84.0 73.0 109.6
131 81.8 69.2 103.8

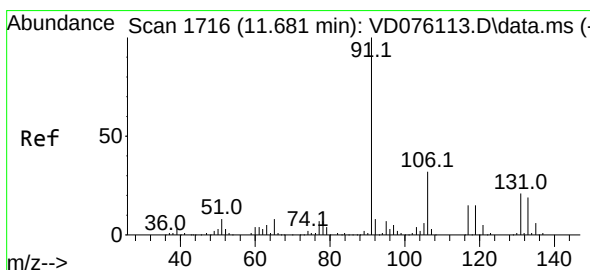
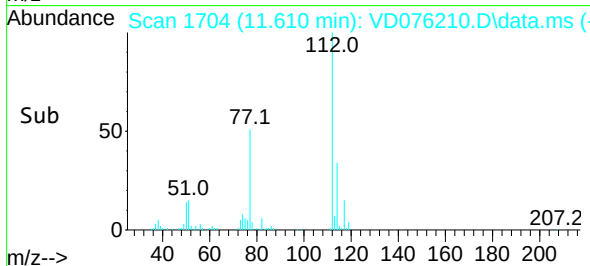
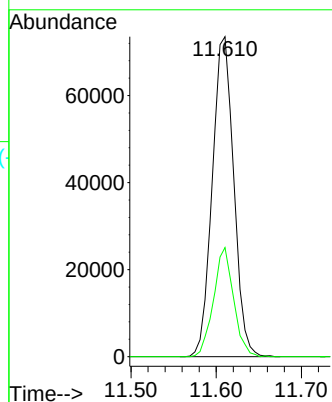
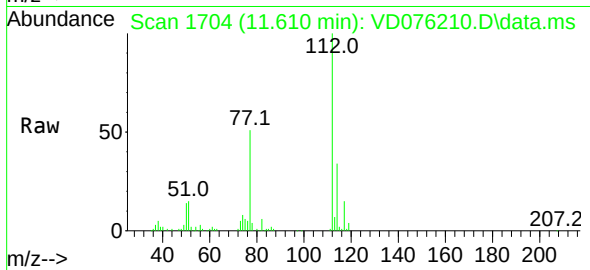




#65
Chlorobenzene
Concen: 18.970 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

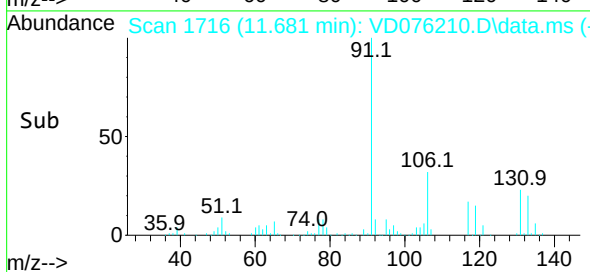
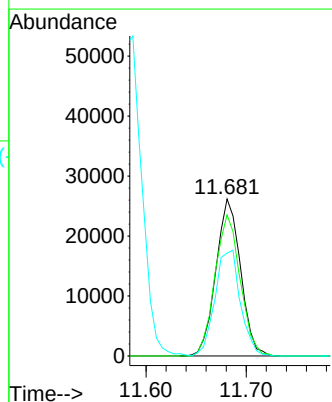
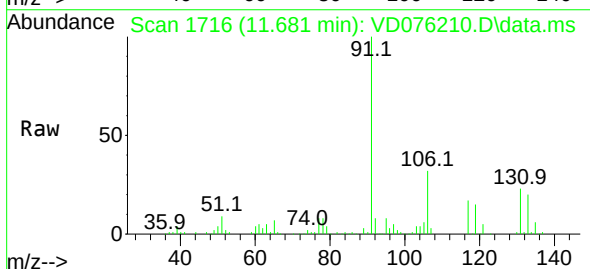
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

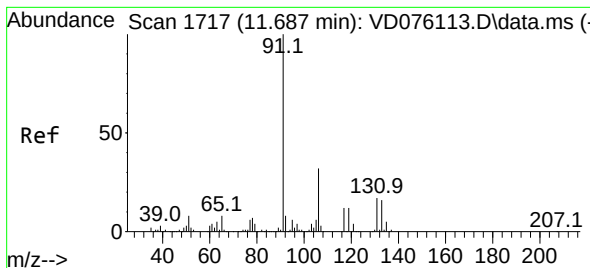
Tgt Ion:112 Resp: 128747
Ion Ratio Lower Upper
112 100
114 34.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.089 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:131 Resp: 44585
Ion Ratio Lower Upper
131 100
133 92.0 46.7 140.0
119 69.6 31.9 95.9





#67

Ethyl Benzene

Concen: 18.499 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

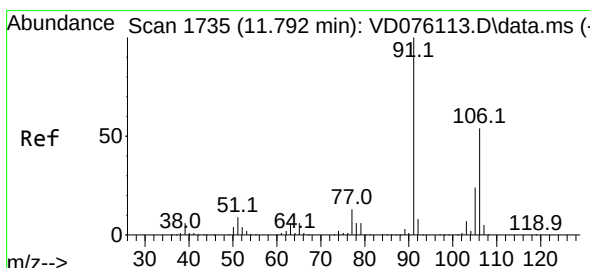
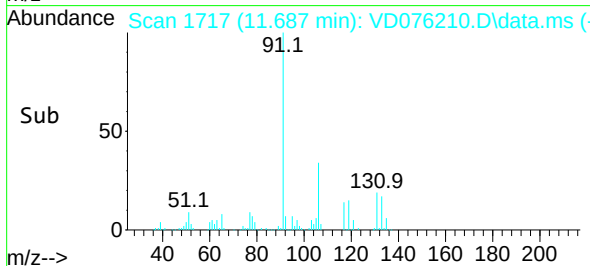
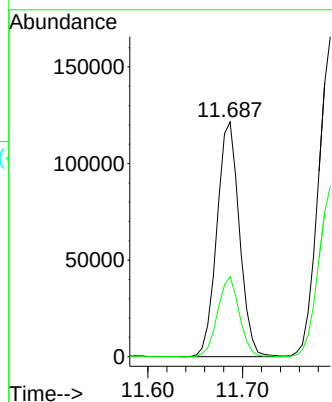
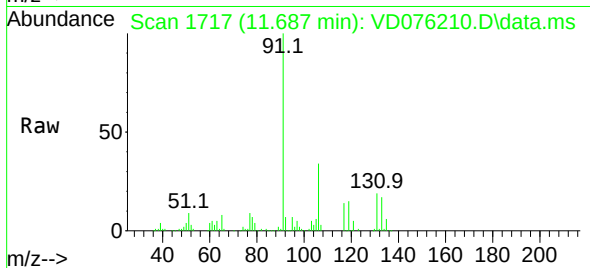
VD0524SBS01

Tgt Ion: 91 Resp: 200619

Ion Ratio Lower Upper

91 100

106 34.1 24.5 36.7



#68

m/p-Xylenes

Concen: 37.946 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076210.D

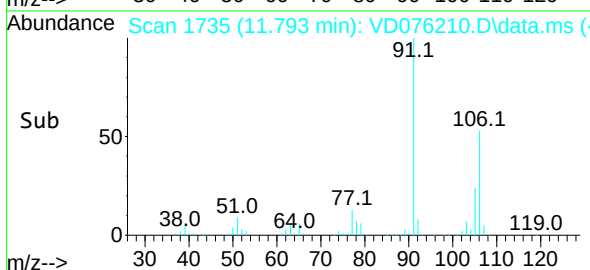
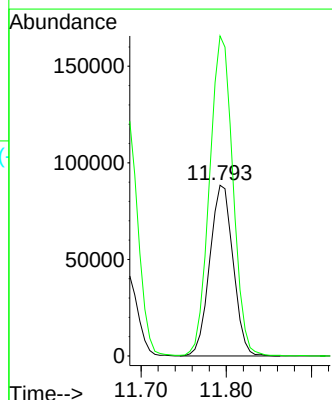
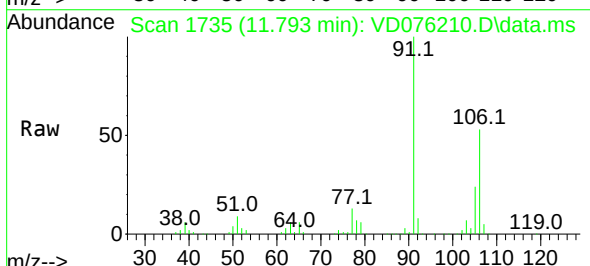
Acq: 24 May 2023 13:12

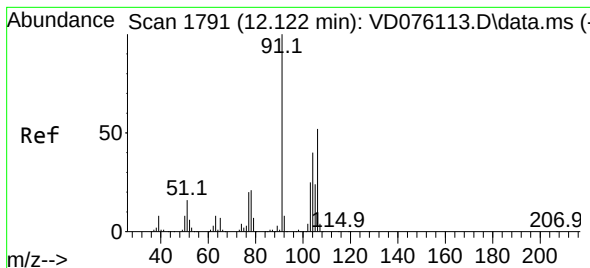
Tgt Ion:106 Resp: 168190

Ion Ratio Lower Upper

106 100

91 188.0 161.5 242.3





#69

o-Xylene

Concen: 18.664 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

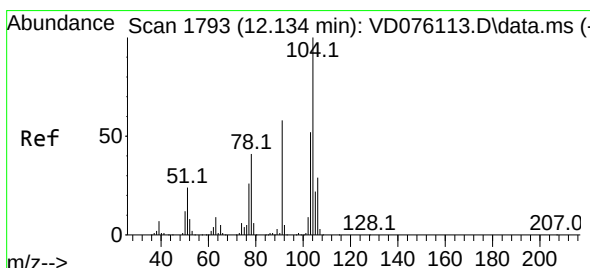
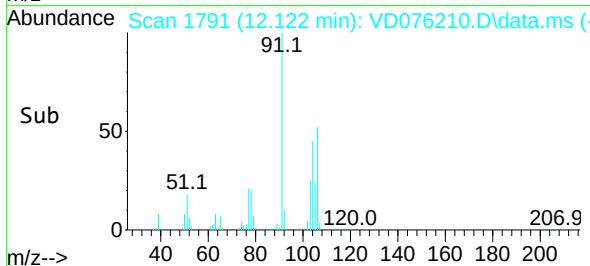
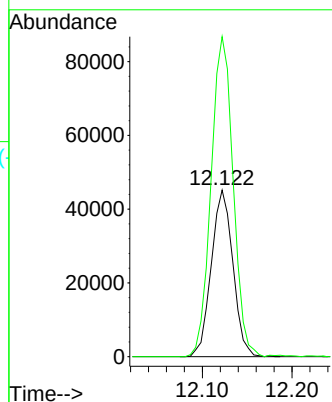
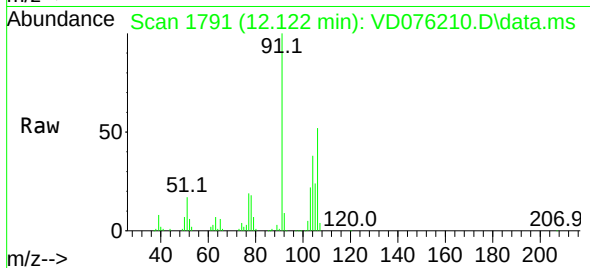
VD0524SBSD01

Tgt Ion:106 Resp: 75482

Ion Ratio Lower Upper

106 100

91 196.1 105.7 317.1



#70

Styrene

Concen: 18.999 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

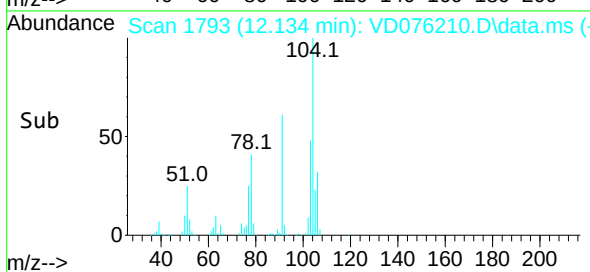
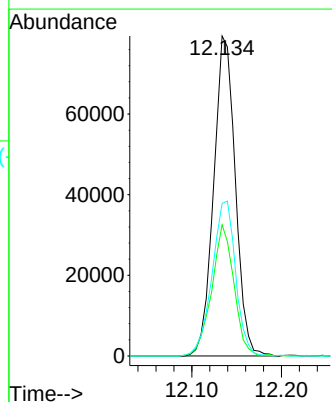
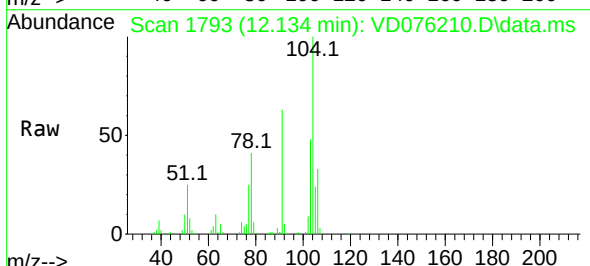
Tgt Ion:104 Resp: 133218

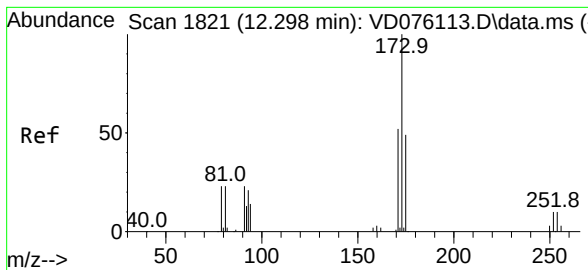
Ion Ratio Lower Upper

104 100

78 41.7 40.2 60.4

103 52.6 44.2 66.2

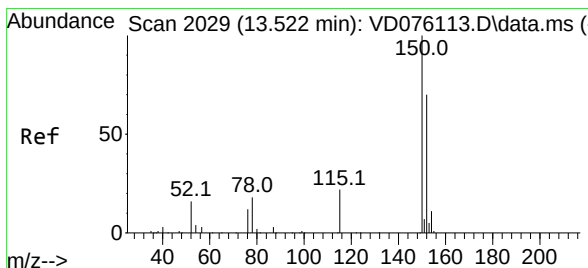
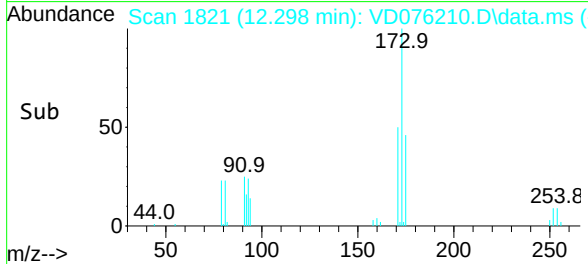
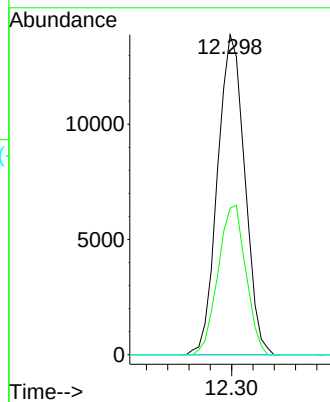
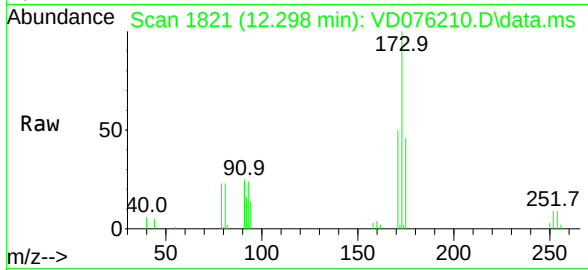




#71
Bromoform
Concen: 18.737 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

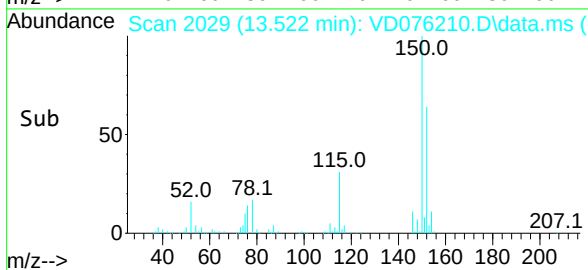
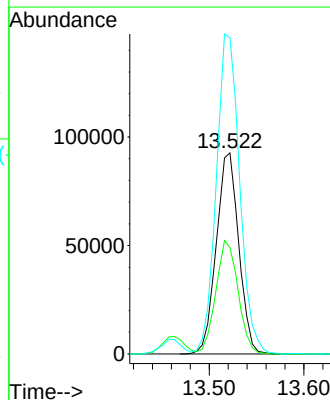
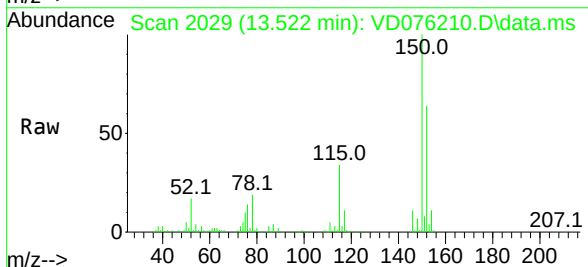
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

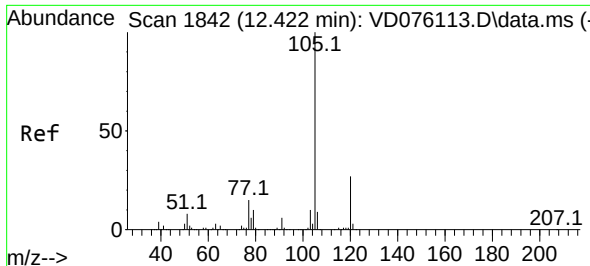
Tgt Ion:173 Resp: 24616
Ion Ratio Lower Upper
173 100
175 47.6 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:152 Resp: 152840
Ion Ratio Lower Upper
152 100
115 55.9 30.1 90.3
150 165.7 0.0 364.8

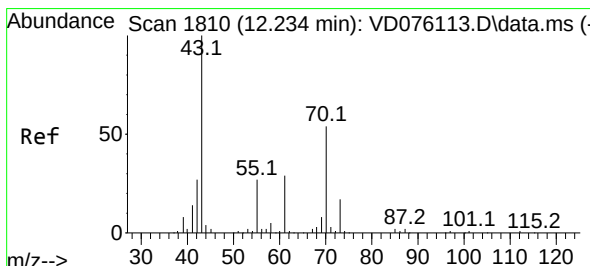
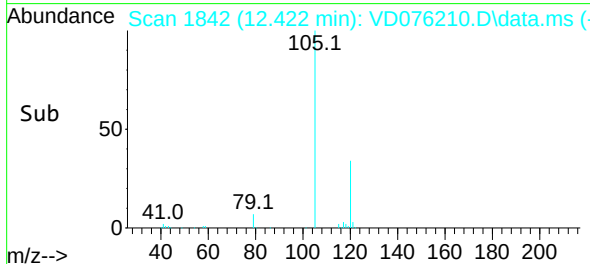
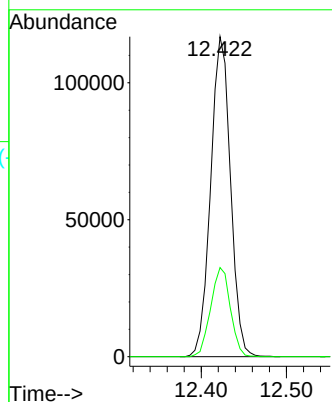
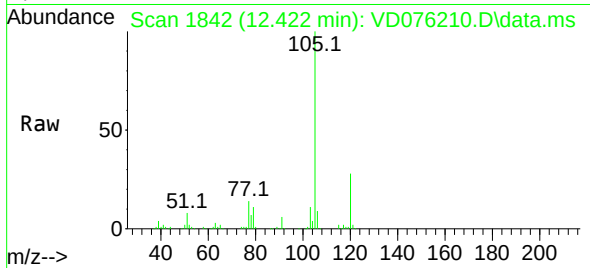




#73
Isopropylbenzene
Concen: 18.669 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

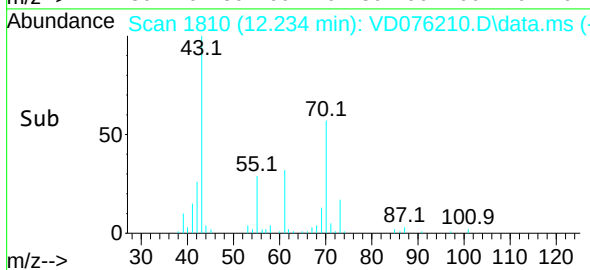
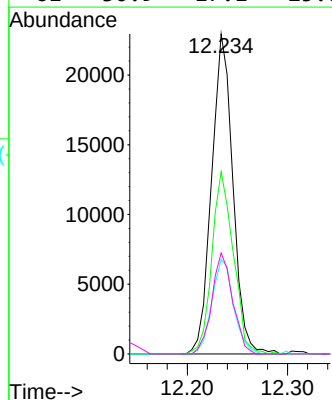
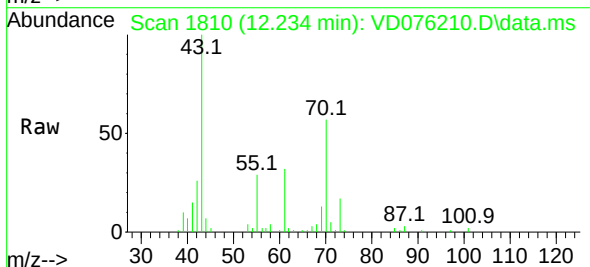
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

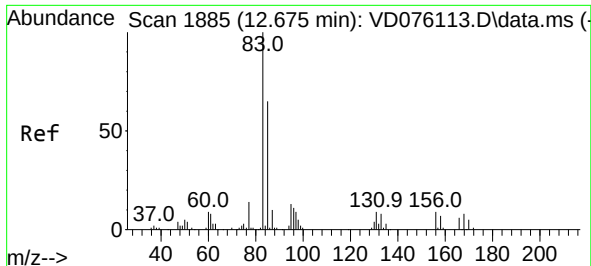
Tgt Ion:105 Resp: 188750
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 18.817 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 43 Resp: 33887
Ion Ratio Lower Upper
43 100
70 57.5 31.0 46.4#
55 30.2 18.6 28.0#
61 30.9 17.1 25.7#

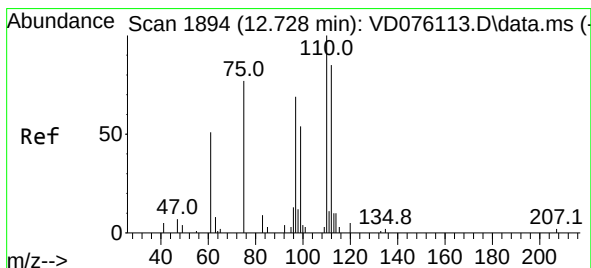
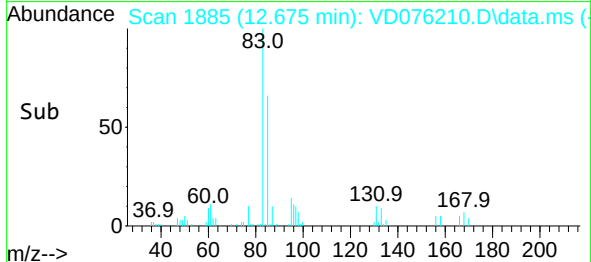
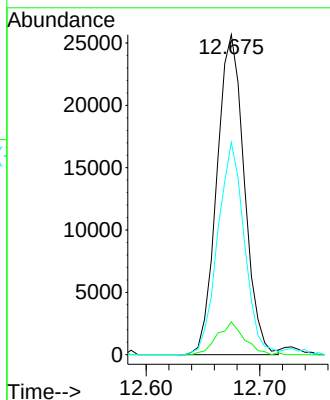
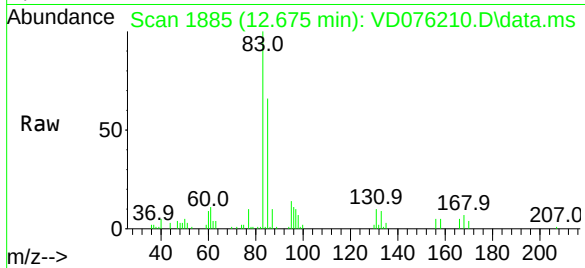




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.832 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076210.D
 Acq: 24 May 2023 13:12

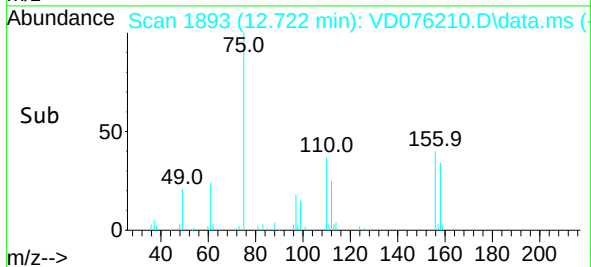
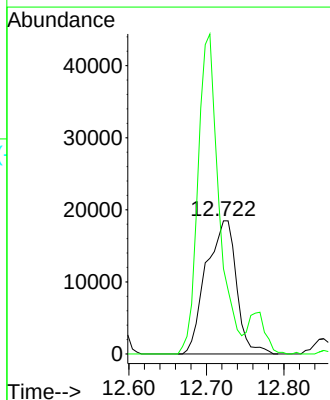
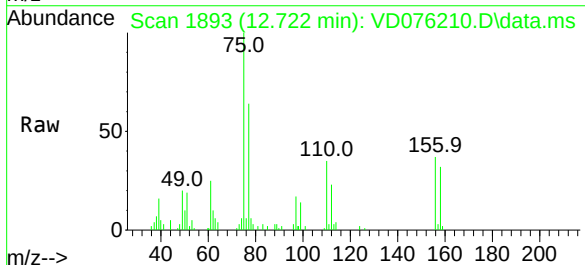
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBSD01

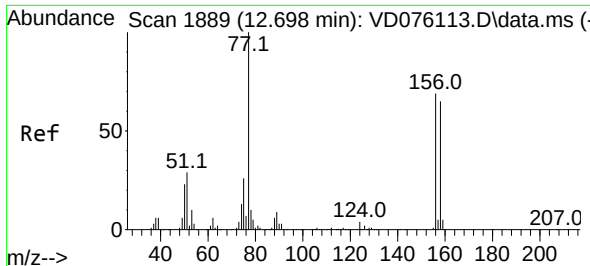
Tgt Ion: 83 Resp: 43096
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.2
 85 64.4 33.6 100.6



#76
 1,2,3-Trichloropropane
 Concen: 37.624 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD076210.D
 Acq: 24 May 2023 13:12

Tgt Ion: 75 Resp: 50321
 Ion Ratio Lower Upper
 75 100
 77 165.8 0.0 0.0#

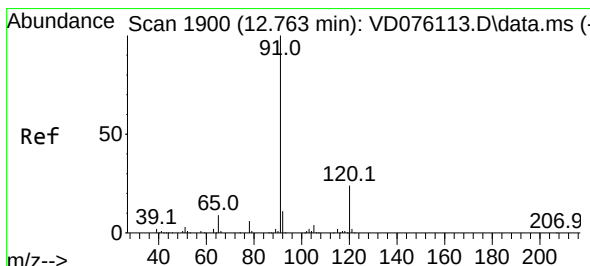
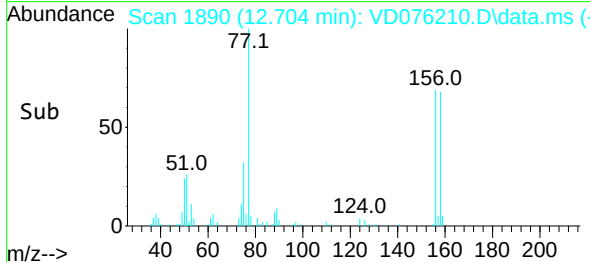
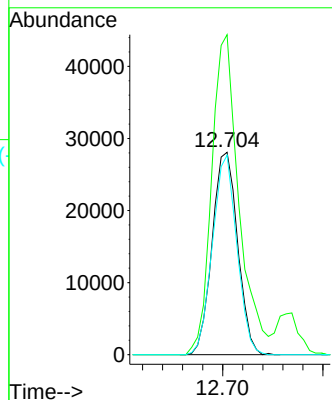
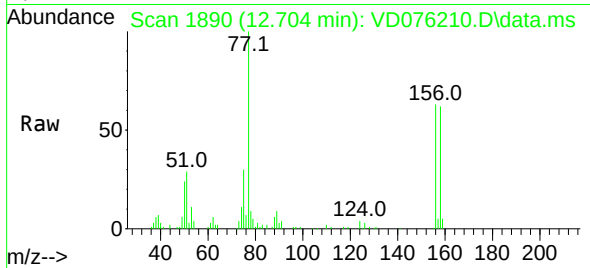




#77
Bromobenzene
Concen: 18.264 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

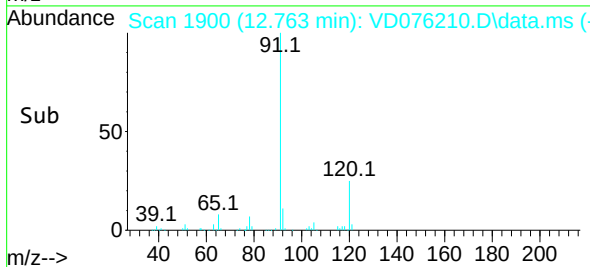
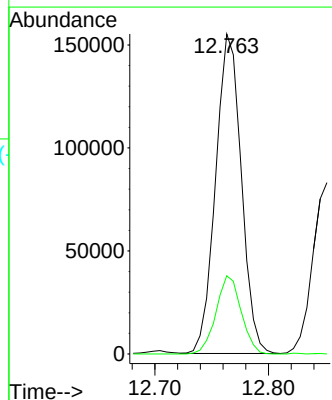
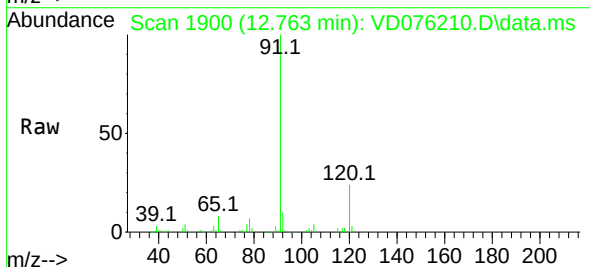
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

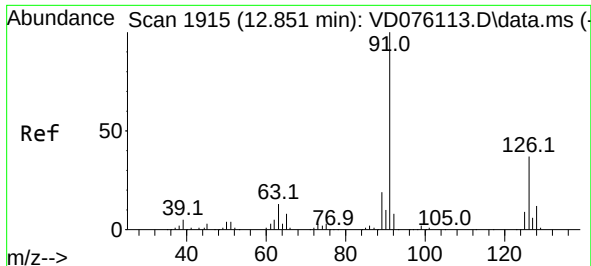
Tgt Ion:156 Resp: 49493
Ion Ratio Lower Upper
156 100
77 168.5 89.5 268.6
158 94.6 47.8 143.4



#78
n-propylbenzene
Concen: 19.356 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 91 Resp: 243589
Ion Ratio Lower Upper
91 100
120 23.9 11.4 34.2

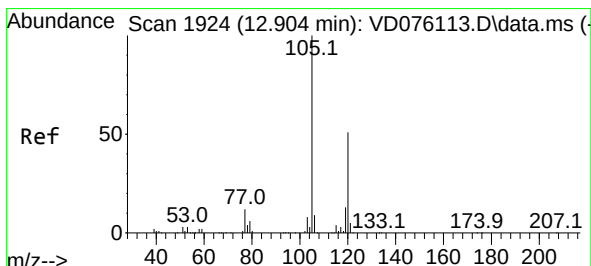
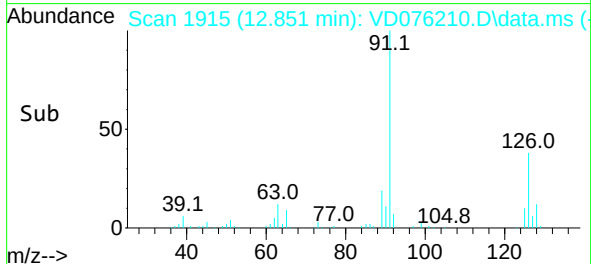
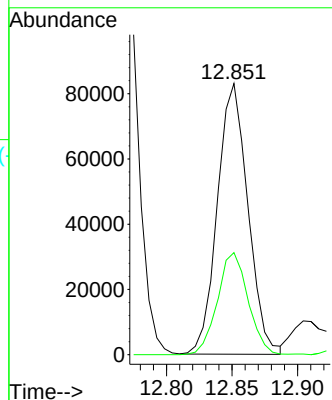
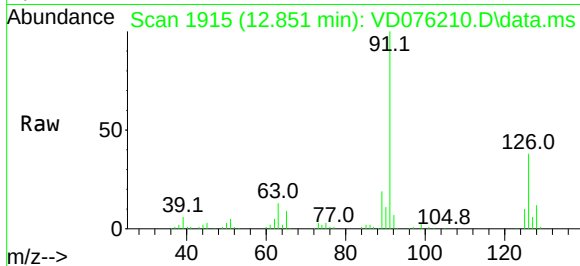




#79
2-Chlorotoluene
Concen: 19.330 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

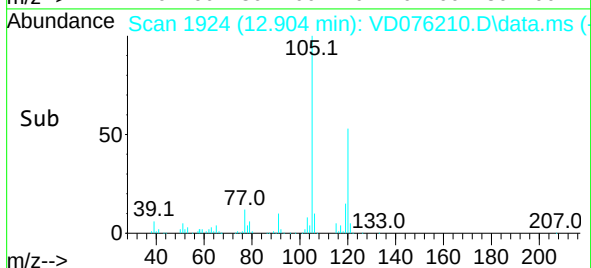
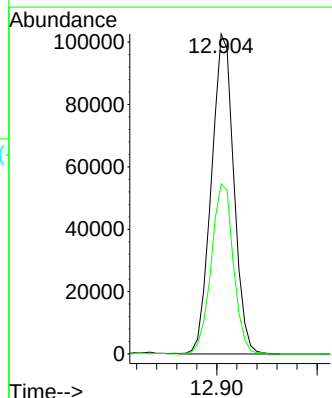
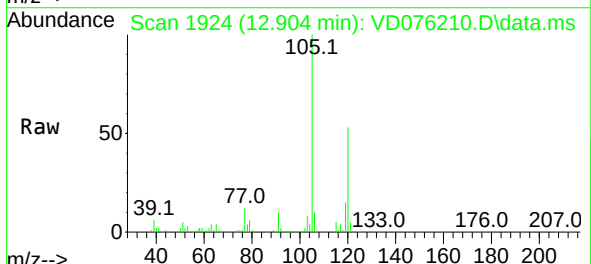
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

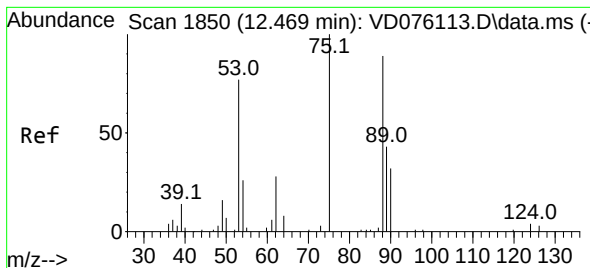
Tgt Ion: 91 Resp: 134633
Ion Ratio Lower Upper
91 100
126 37.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 19.003 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 105 Resp: 159276
Ion Ratio Lower Upper
105 100
120 52.7 24.3 72.8

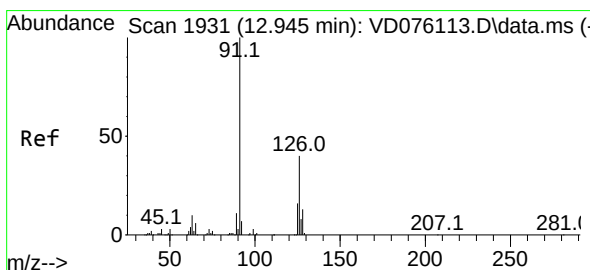
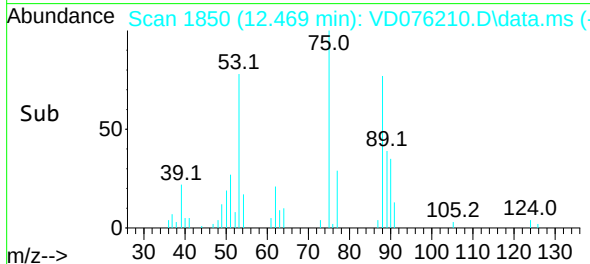
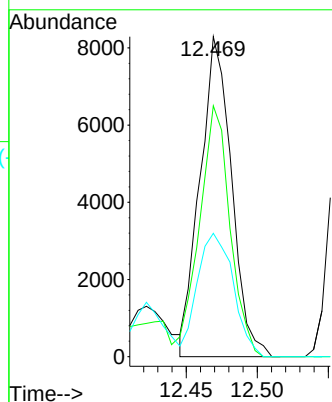
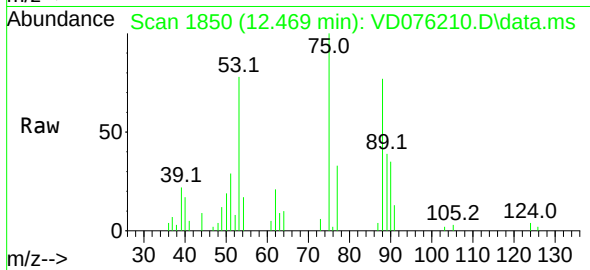




#81
trans-1,4-Dichloro-2-butene
Concen: 20.075 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

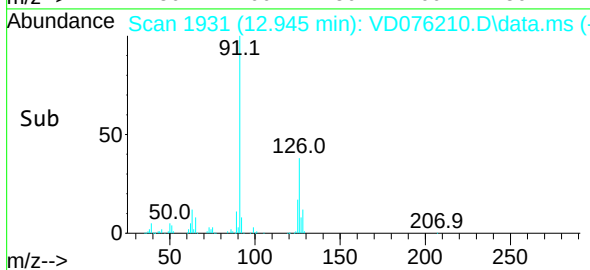
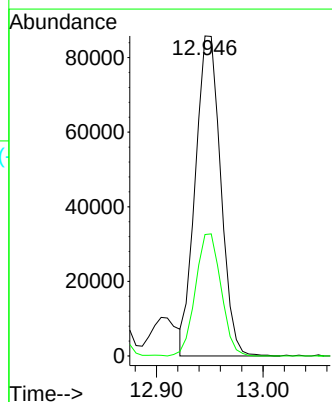
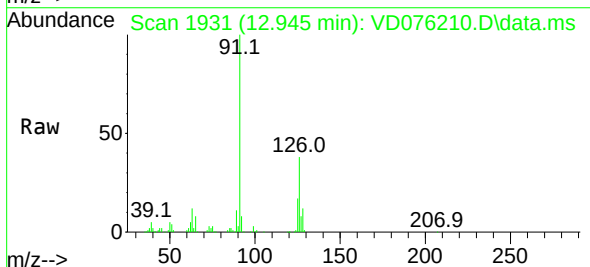
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

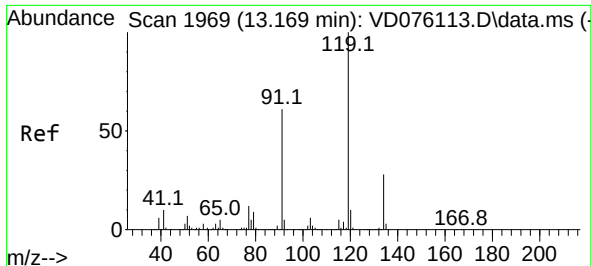
Tgt Ion: 75 Resp: 12799
Ion Ratio Lower Upper
75 100
53 76.5 90.5 135.7#
89 43.8 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.131 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 91 Resp: 141734
Ion Ratio Lower Upper
91 100
126 38.6 17.1 51.2

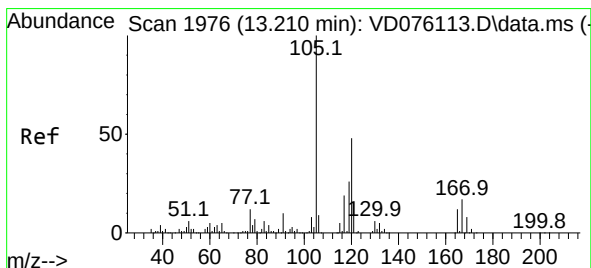
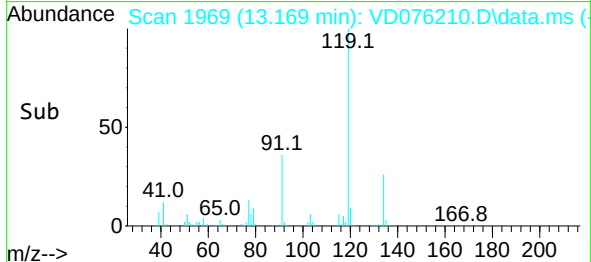
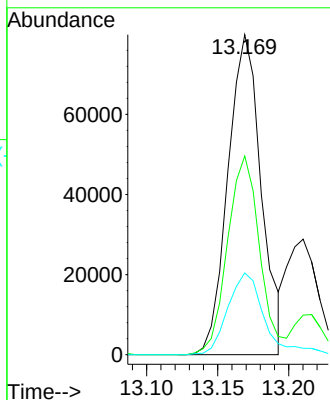
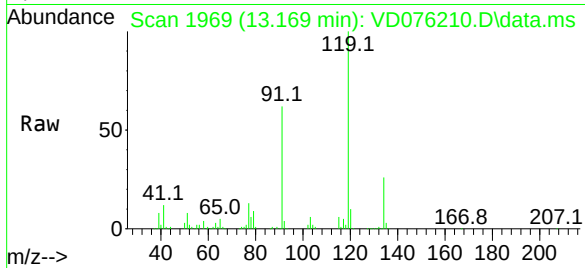




#83
tert-Butylbenzene
Concen: 18.440 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

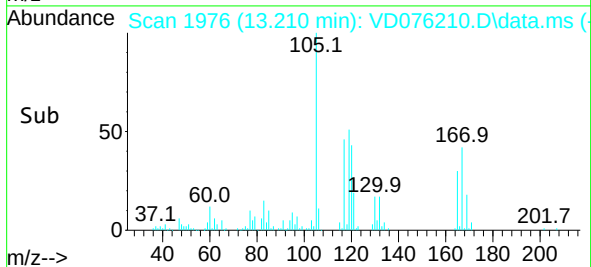
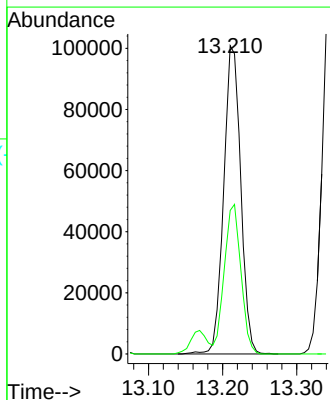
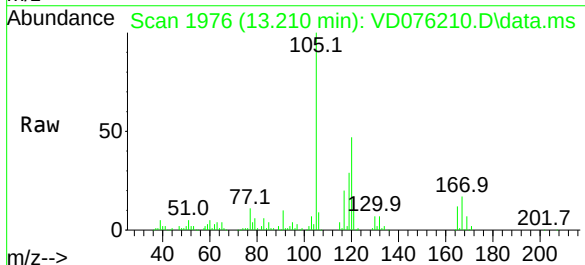
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

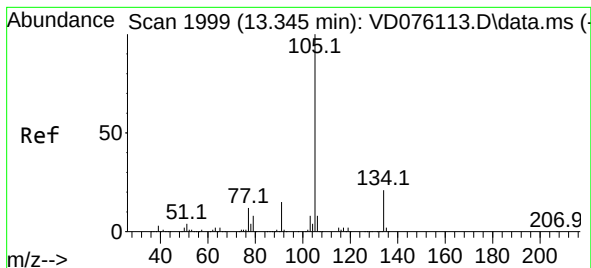
Tgt Ion:119 Resp: 130619
Ion Ratio Lower Upper
119 100
91 60.3 32.4 97.0
134 28.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 19.287 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:105 Resp: 160992
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.065 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

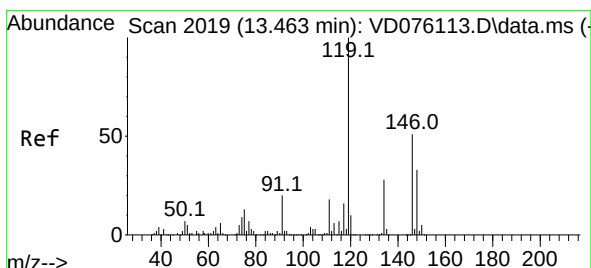
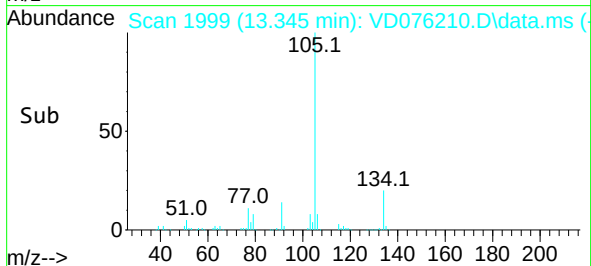
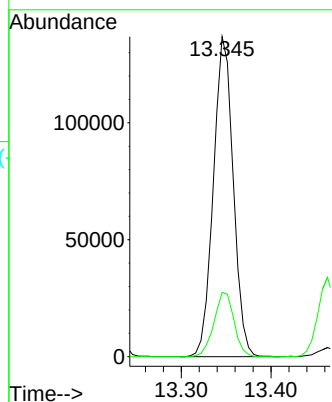
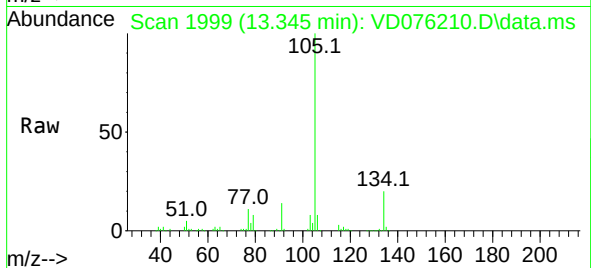
VD0524SBSD01

Tgt Ion:105 Resp: 210464

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 18.782 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

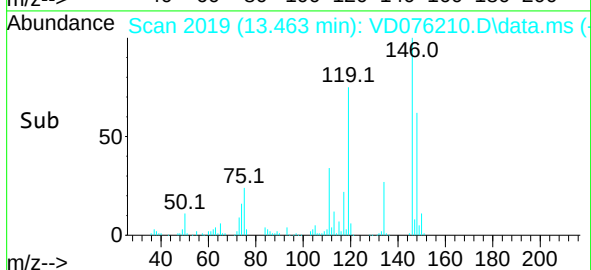
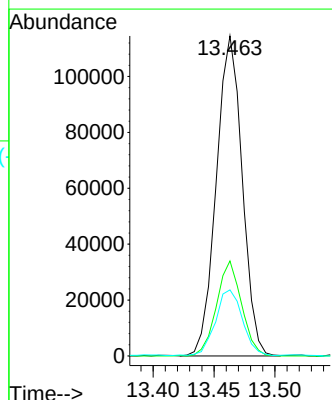
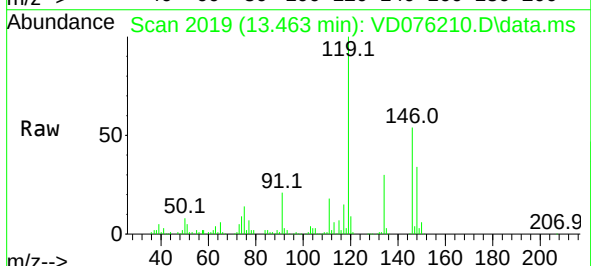
Tgt Ion:119 Resp: 169657

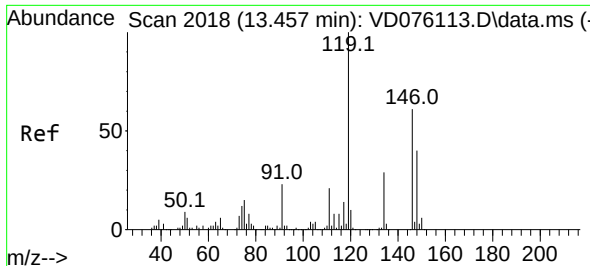
Ion Ratio Lower Upper

119 100

134 28.6 13.1 39.3

91 21.4 12.4 37.4

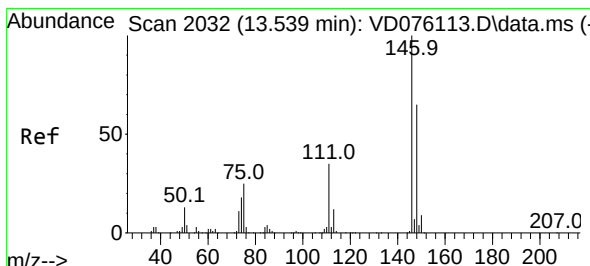
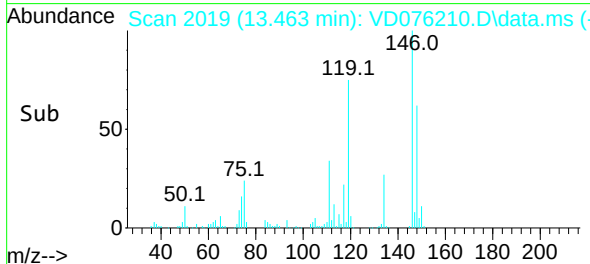
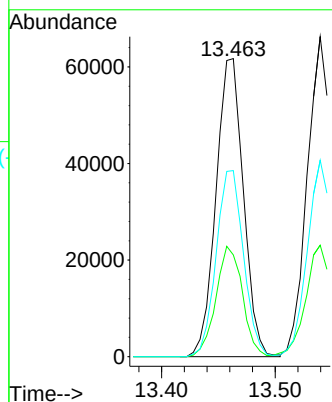
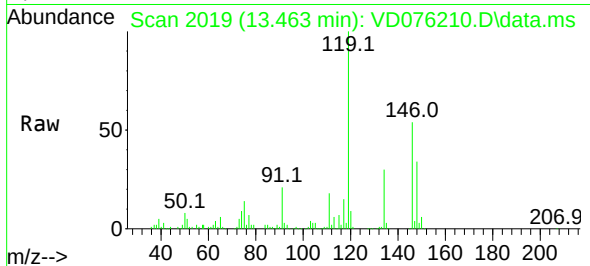




#87
1,3-Dichlorobenzene
Concen: 18.882 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

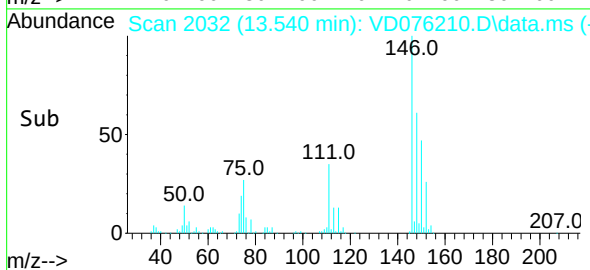
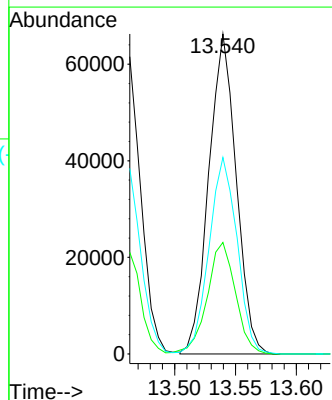
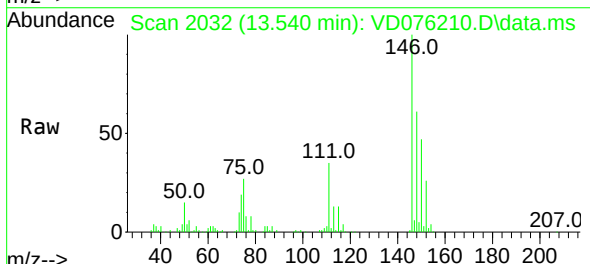
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

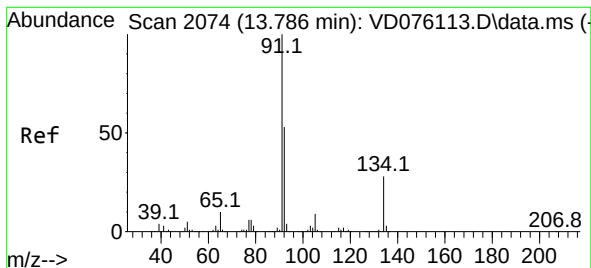
Tgt Ion:146 Resp: 103456
Ion Ratio Lower Upper
146 100
111 35.8 19.8 59.3
148 62.4 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 19.164 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:146 Resp: 103969
Ion Ratio Lower Upper
146 100
111 35.9 19.6 58.8
148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 18.484 ug/l

RT: 13.793 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

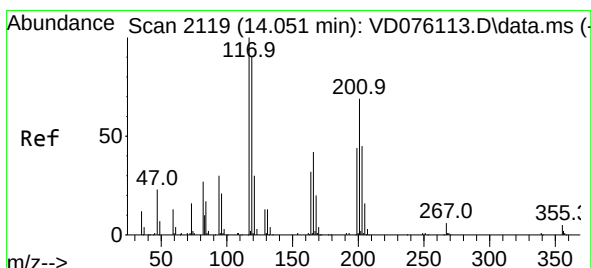
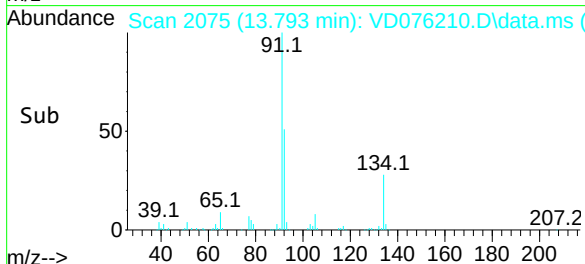
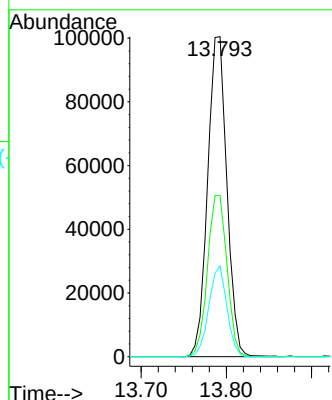
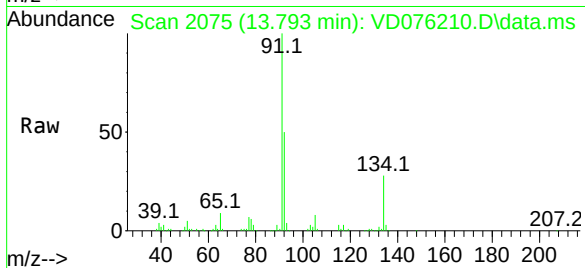
Tgt Ion: 91 Resp: 157341

Ion Ratio Lower Upper

91 100

92 51.1 26.2 78.5

134 26.7 12.7 38.0



#90

Hexachloroethane

Concen: 18.823 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD076210.D

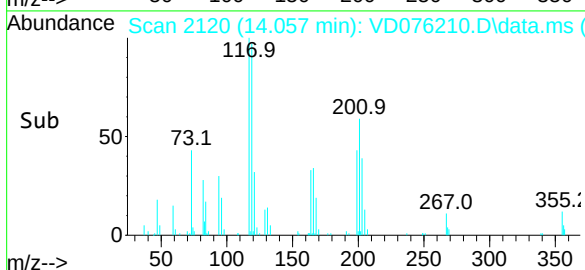
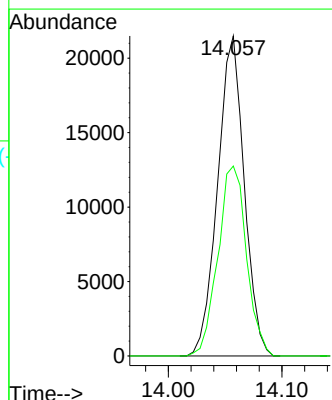
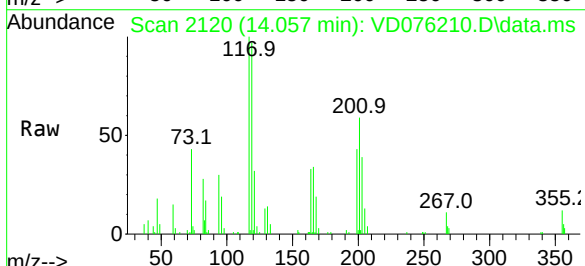
Acq: 24 May 2023 13:12

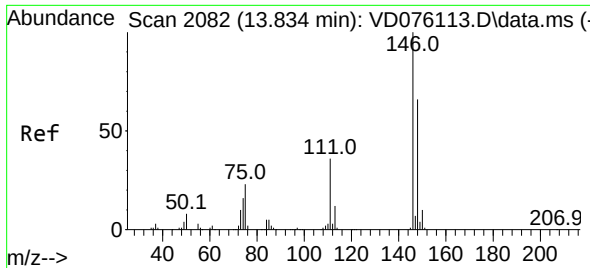
Tgt Ion: 117 Resp: 34973

Ion Ratio Lower Upper

117 100

201 63.7 34.5 103.6

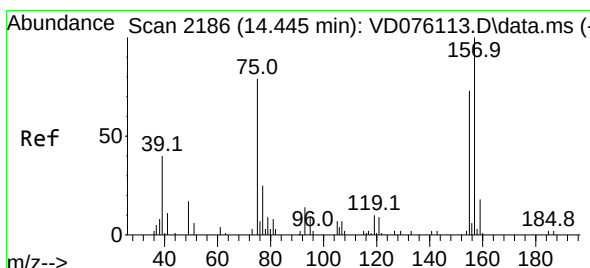
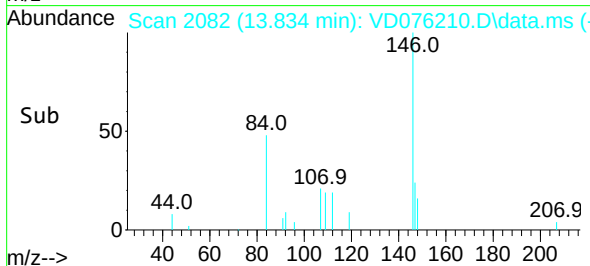
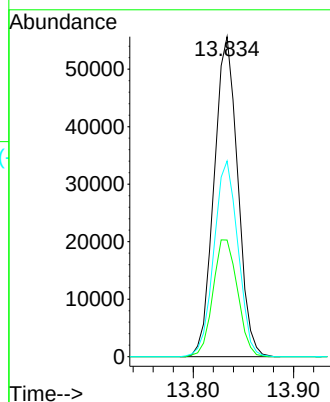
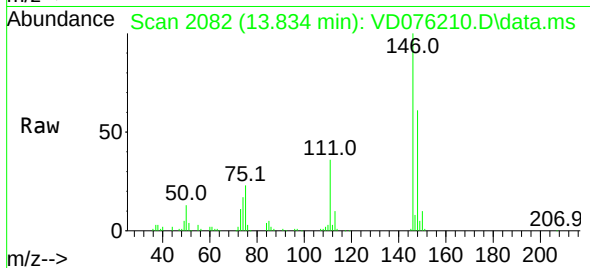




#91
1,2-Dichlorobenzene
Concen: 18.940 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

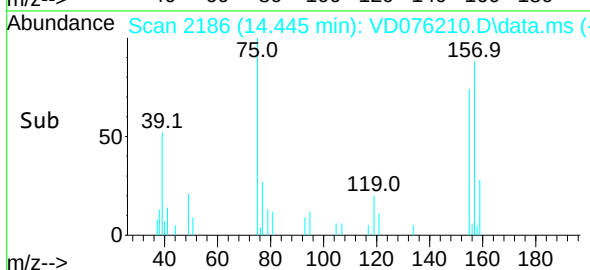
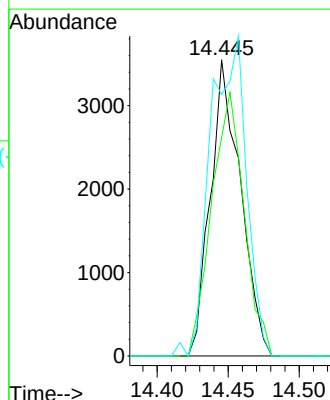
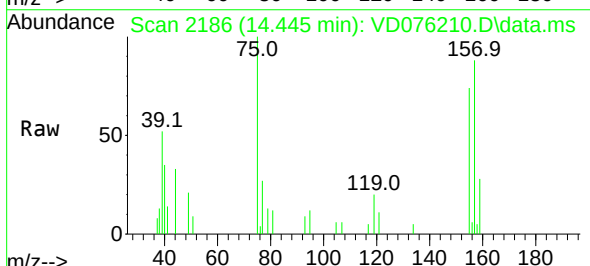
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

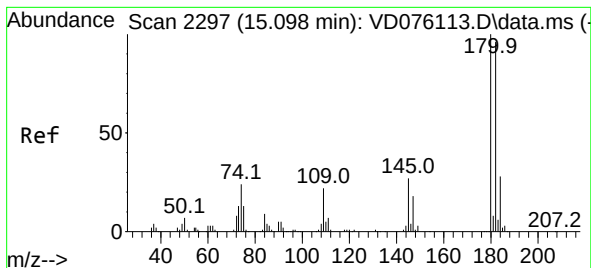
Tgt Ion:146	Resp:	91069
Ion	Ratio	Lower Upper
146	100	
111	38.0	20.6 61.8
148	62.4	32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.519 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion: 75	Resp:	5225
Ion	Ratio	Lower Upper
75	100	
155	96.0	39.5 118.5
157	128.9	53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 16.543 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS01

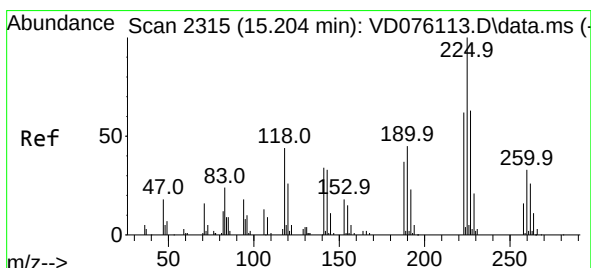
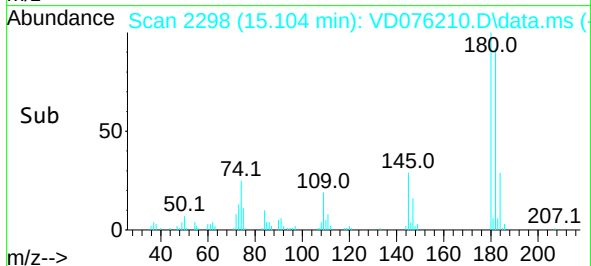
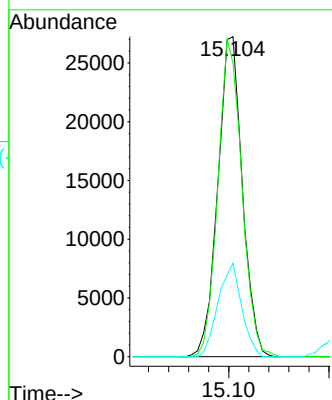
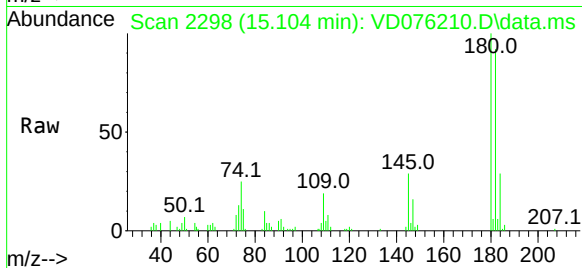
Tgt Ion:180 Resp: 46268

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.7

145 28.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 15.794 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076210.D

Acq: 24 May 2023 13:12

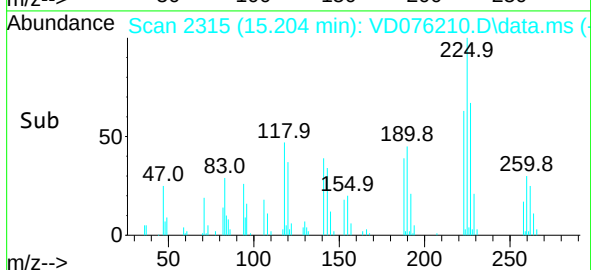
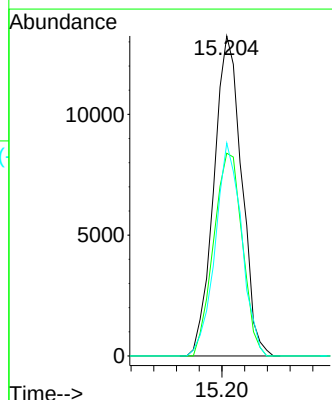
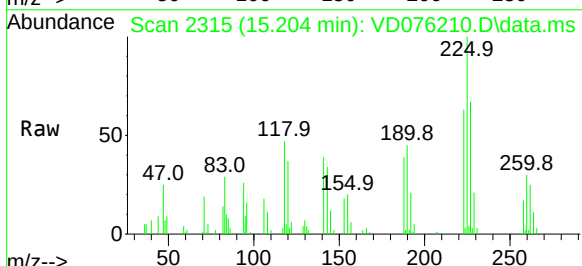
Tgt Ion:225 Resp: 22523

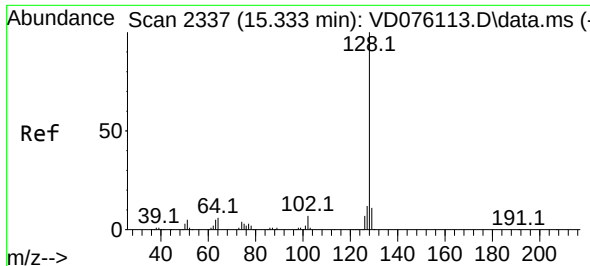
Ion Ratio Lower Upper

225 100

223 65.5 33.1 99.2

227 63.3 31.9 95.9

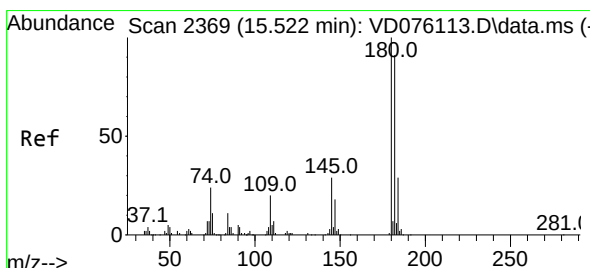
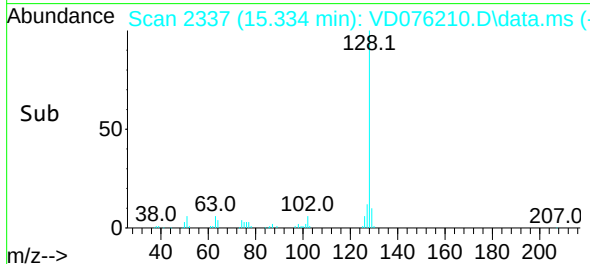
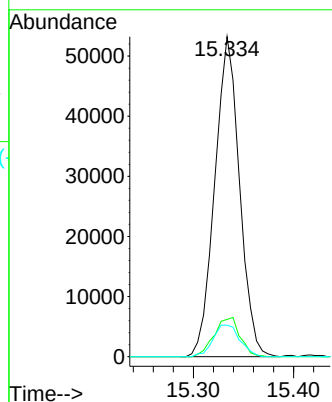
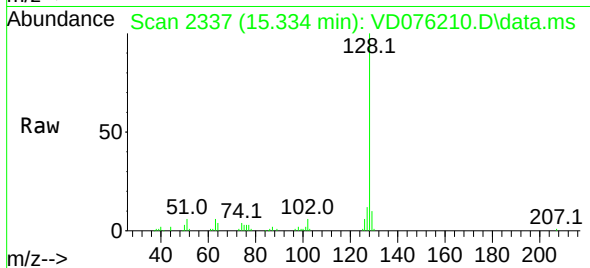




#95
Naphthalene
Concen: 17.575 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

Tgt Ion:128	Resp:	91337
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.4 15.6
129	10.8	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.943 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076210.D
Acq: 24 May 2023 13:12

Tgt Ion:180	Resp:	43097
Ion Ratio	Lower	Upper
180	100	
182	90.4	47.7 143.1
145	31.1	16.4 49.4

