

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076229.D
 Acq On : 25 May 2023 13:12
 Operator : KP/SY
 Sample : VD0525SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBS01

Quant Time: May 25 17:11:59 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	175726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	301827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82893	48.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.804	113	96349	46.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.360%
50) Toluene-d8	10.269	98	378372	46.524	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.040%
62) 4-Bromofluorobenzene	12.575	95	106502	47.142	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	29968	18.909	ug/l	98
3) Chloromethane	2.146	50	63154	21.756	ug/l	97
4) Vinyl Chloride	2.281	62	77843	22.775	ug/l	99
5) Bromomethane	2.675	94	53481	23.241	ug/l	96
6) Chloroethane	2.828	64	53731	23.366	ug/l	95
7) Trichlorofluoromethane	3.169	101	59414	20.508	ug/l	96
8) Diethyl Ether	3.593	74	19116	20.065	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.958	101	38718	20.289	ug/l	96
10) Methyl Iodide	4.158	142	45384	22.873	ug/l #	87
11) Tert butyl alcohol	5.040	59	4386	48.820	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	39421	20.756	ug/l	82
13) Acrolein	3.793	56	17491	79.550	ug/l	98
14) Allyl chloride	4.563	41	39198	20.336	ug/l #	78
15) Acrylonitrile	5.252	53	42781	108.450	ug/l	98
16) Acetone	4.022	43	37906	112.179	ug/l	89
17) Carbon Disulfide	4.263	76	106628	19.012	ug/l	98
18) Methyl Acetate	4.558	43	26198	21.734	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	77312	20.798	ug/l	97
20) Methylene Chloride	4.799	84	84878	27.244	ug/l #	77
21) trans-1,2-Dichloroethene	5.305	96	46286	21.146	ug/l #	73
22) Diisopropyl ether	6.216	45	98548	22.027	ug/l #	94
23) Vinyl Acetate	6.152	43	222794	126.648	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	77624	21.999	ug/l	99
25) 2-Butanone	7.087	43	47000	110.621	ug/l #	88
26) 2,2-Dichloropropane	7.075	77	60978	21.194	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	49295	20.294	ug/l	86
28) Bromochloromethane	7.422	49	26142	22.220	ug/l #	68
29) Tetrahydrofuran	7.440	42	27125	109.533	ug/l #	71
30) Chloroform	7.593	83	83907	22.237	ug/l	98
31) Cyclohexane	7.875	56	51880	19.946	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	63812	21.221	ug/l	97
36) 1,1-Dichloropropene	8.004	75	56332	19.993	ug/l	95
37) Ethyl Acetate	7.169	43	20695	21.211	ug/l #	88
38) Carbon Tetrachloride	7.987	117	49218	19.339	ug/l	98
39) Methylcyclohexane	9.275	83	57654	17.773	ug/l	95
40) Benzene	8.251	78	182365	20.131	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10817	20.219	ug/l #	66
42) 1,2-Dichloroethane	8.322	62	44827	20.921	ug/l	91
43) Isopropyl Acetate	8.357	43	35212	19.319	ug/l #	86
44) Trichloroethene	9.022	130	48342	18.936	ug/l	90
45) 1,2-Dichloropropane	9.304	63	46070	20.618	ug/l	98
46) Dibromomethane	9.393	93	26212	20.928	ug/l	98
47) Bromodichloromethane	9.581	83	62194	20.662	ug/l	93
48) Methyl methacrylate	9.381	41	15472	19.180	ug/l #	62
49) 1,4-Dioxane	9.387	88	5473	408.638	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	97917	101.012	ug/l #	80
52) Toluene	10.334	92	116244	20.546	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	55372	20.410	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	68400	20.660	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	37628	20.950	ug/l	93
56) Ethyl methacrylate	10.598	69	35932	19.904	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	57843	20.528	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	89251	103.039	ug/l	91
59) 2-Hexanone	10.922	43	70451	103.056	ug/l	79
60) Dibromochloromethane	11.075	129	41269	20.435	ug/l	99
61) 1,2-Dibromoethane	11.181	107	32616	20.414	ug/l	92
64) Tetrachloroethene	10.810	164	38687	17.549	ug/l	95
65) Chlorobenzene	11.604	112	126283	19.349	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	42484	18.915	ug/l	88
67) Ethyl Benzene	11.681	91	199048	19.086	ug/l	96
68) m/p-Xylenes	11.792	106	167617	39.326	ug/l	92
69) o-Xylene	12.122	106	74305	19.106	ug/l	91
70) Styrene	12.134	104	134475	19.943	ug/l	93
71) Bromoform	12.298	173	24153	19.118	ug/l #	97
73) Isopropylbenzene	12.422	105	187259	18.366	ug/l	99
74) N-amyl acetate	12.234	43	32951	18.144	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	41832	19.090	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	49066	36.378	ug/l #	100
77) Bromobenzene	12.698	156	49515	18.119	ug/l	96
78) n-propylbenzene	12.763	91	239815	18.896	ug/l	98
79) 2-Chlorotoluene	12.851	91	132566	18.874	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	160146	18.947	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	12096	18.814	ug/l #	74
82) 4-Chlorotoluene	12.945	91	144563	19.350	ug/l	97
83) tert-Butylbenzene	13.169	119	130074	18.209	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	160165	19.028	ug/l	90
85) sec-Butylbenzene	13.345	105	210883	18.943	ug/l	98
86) p-Isopropyltoluene	13.463	119	168885	18.540	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	103910	18.806	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	103766	18.966	ug/l	96
89) n-Butylbenzene	13.786	91	154042	17.945	ug/l	98
90) Hexachloroethane	14.051	117	35671	19.038	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	92119	18.998	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5829	20.486	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	47797	16.946	ug/l	96
94) Hexachlorobutadiene	15.204	225	23294	16.198	ug/l	98
95) Naphthalene	15.333	128	90254	17.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	42794	16.683	ug/l	98

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QLast Update : Tue May 16 10:08:53 2023
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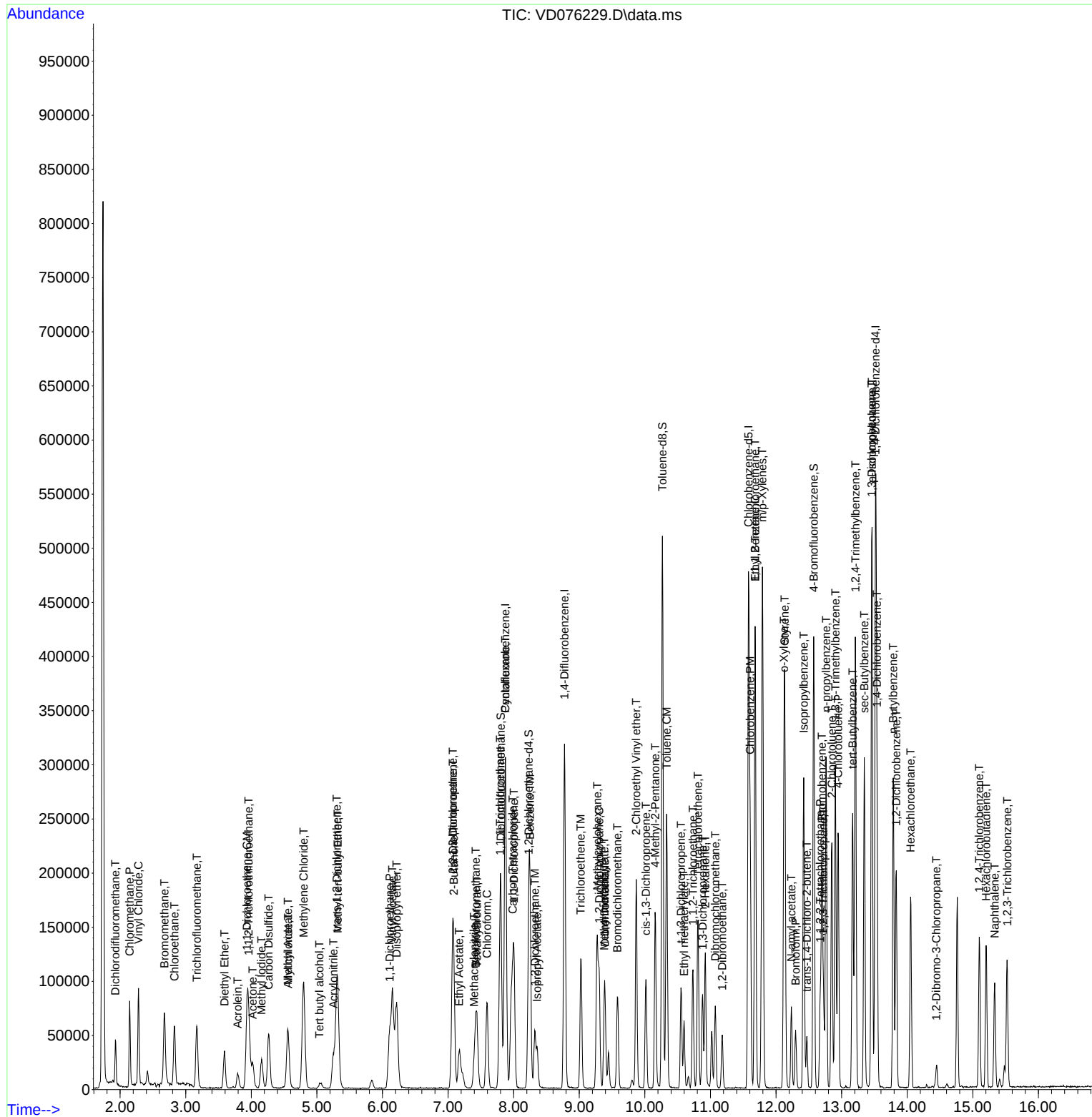
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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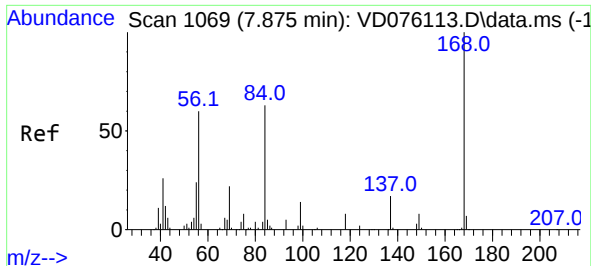
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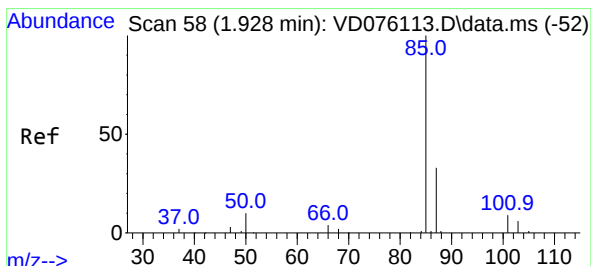
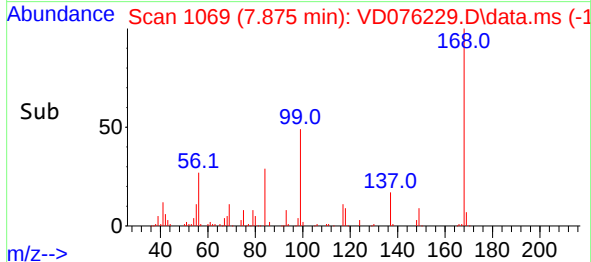
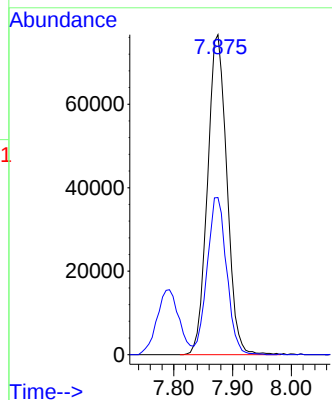
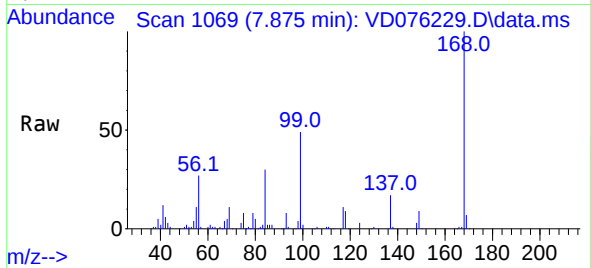




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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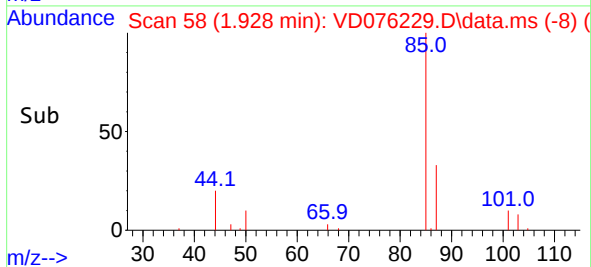
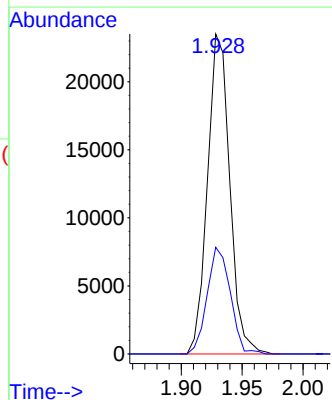
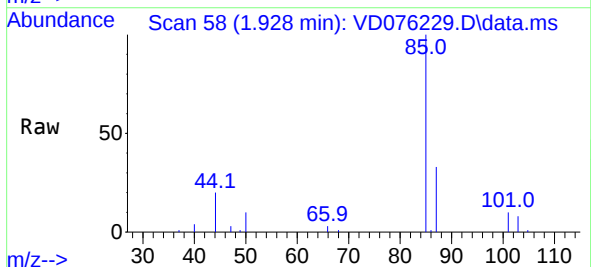
Instrument :
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ClientSampleId :
VD0525SBS01

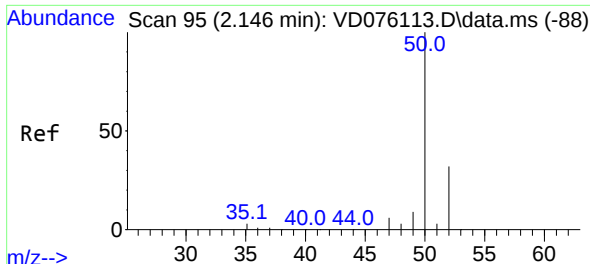
Tgt Ion:168 Resp: 175726
Ion Ratio Lower Upper
168 100
99 48.9 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 18.909 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 85 Resp: 29968
Ion Ratio Lower Upper
85 100
87 33.3 17.3 51.7

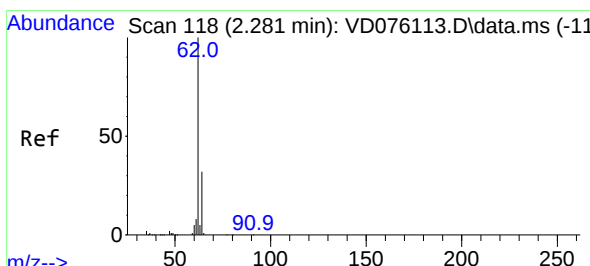
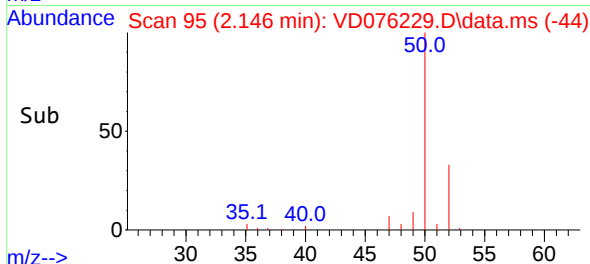
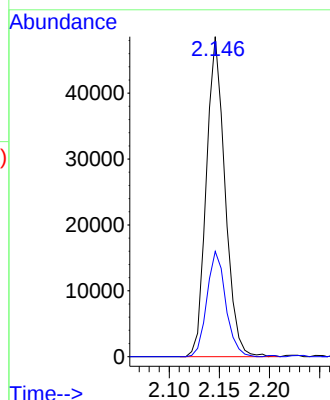
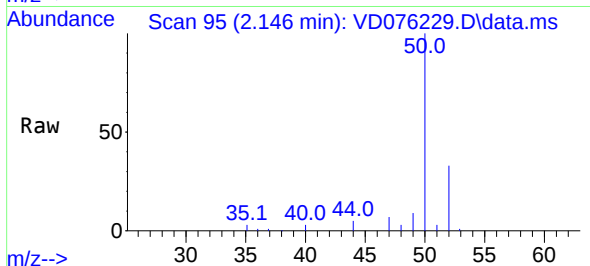




#3
Chloromethane
Concen: 21.756 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

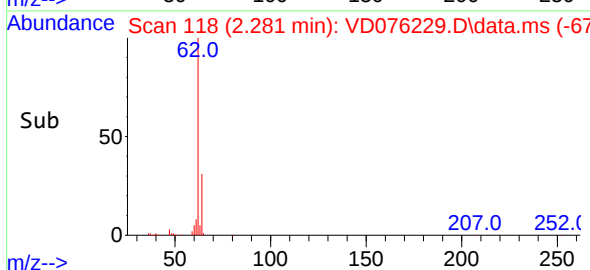
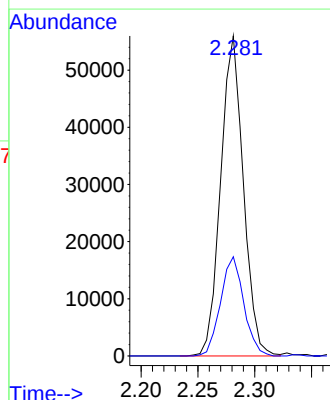
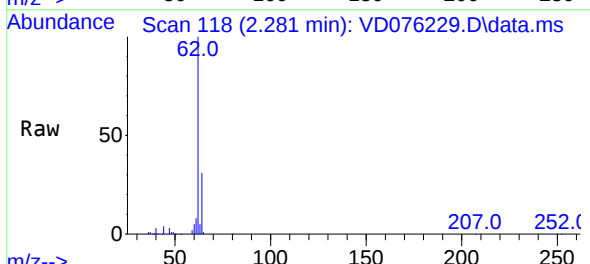
Instrument :
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ClientSampleId :
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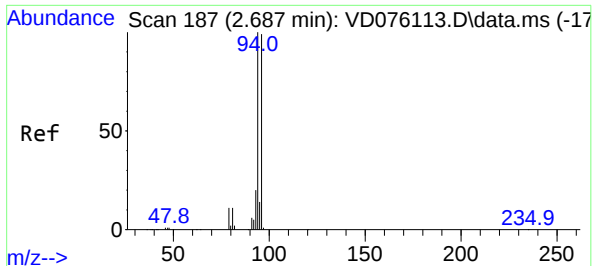
Tgt Ion: 50 Resp: 63154
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.8



#4
Vinyl Chloride
Concen: 22.775 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 62 Resp: 77843
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

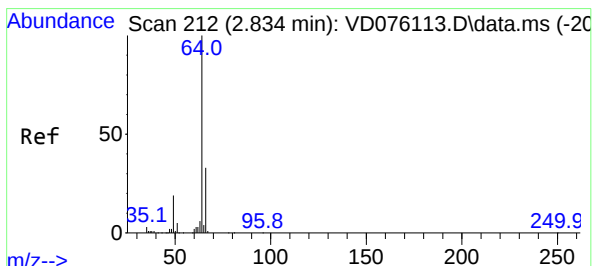
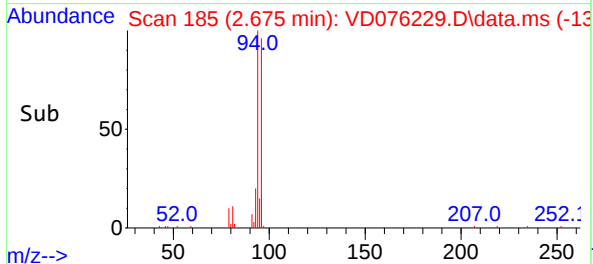
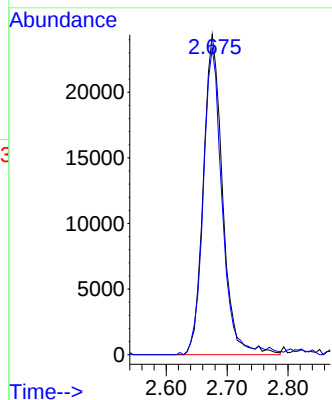
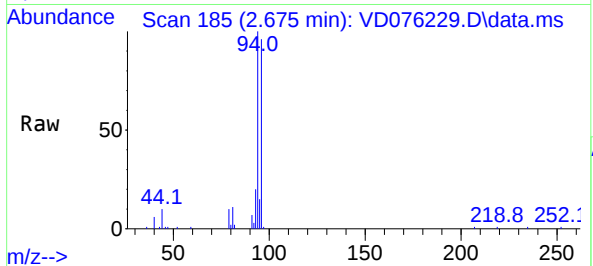




#5
Bromomethane
Concen: 23.241 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076229.D
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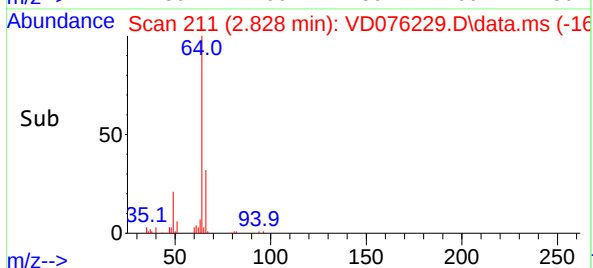
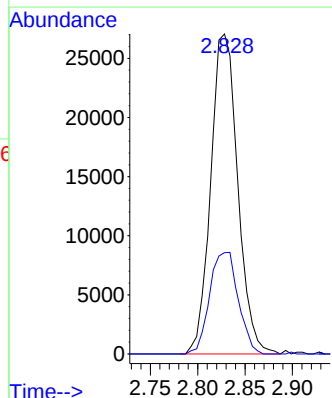
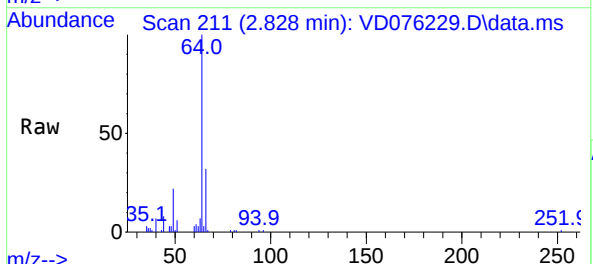
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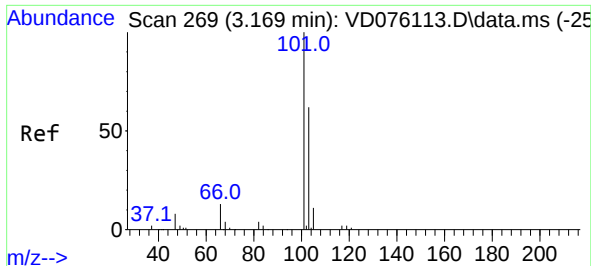
Tgt Ion: 94 Resp: 53481
Ion Ratio Lower Upper
94 100
96 93.3 77.5 116.3



#6
Chloroethane
Concen: 23.366 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076229.D
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Tgt Ion: 64 Resp: 53731
Ion Ratio Lower Upper
64 100
66 31.7 27.7 41.5

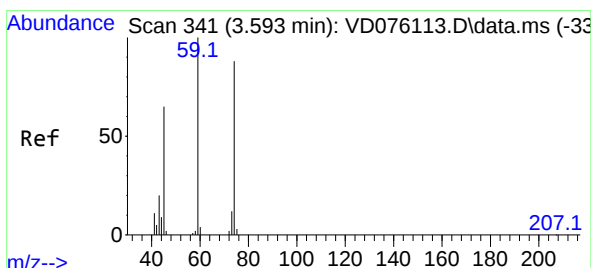
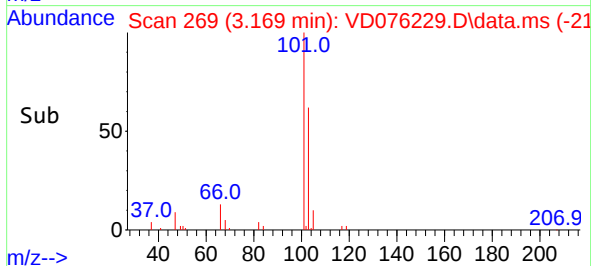
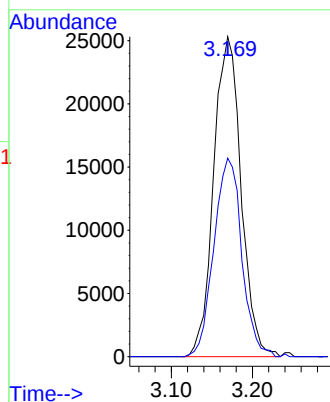
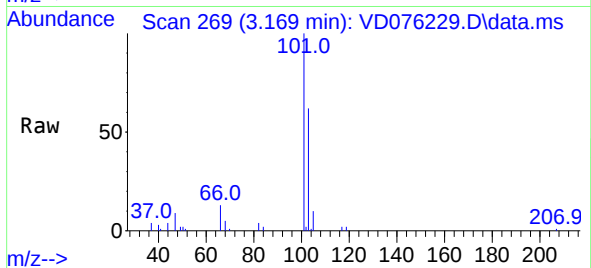




#7
Trichlorofluoromethane
Concen: 20.508 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

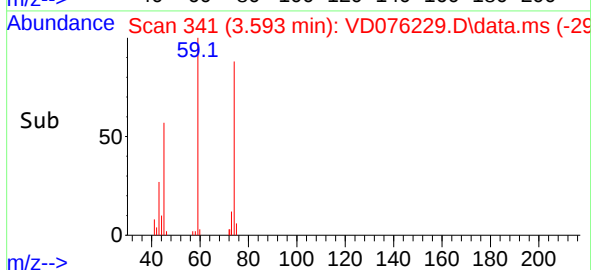
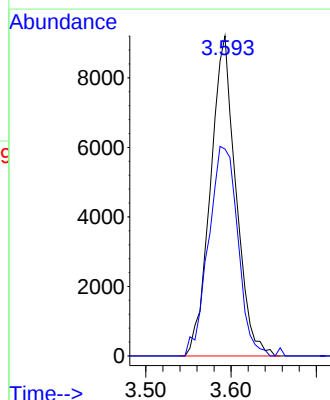
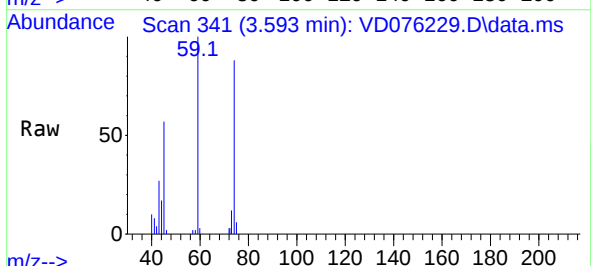
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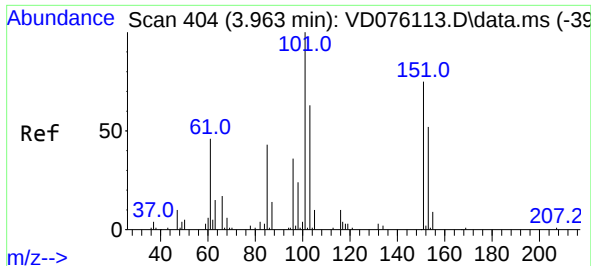
Tgt Ion:101 Resp: 59414
Ion Ratio Lower Upper
101 100
103 62.0 51.9 77.9



#8
Diethyl Ether
Concen: 20.065 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
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Acq: 25 May 2023 13:12

Tgt Ion: 74 Resp: 19116
Ion Ratio Lower Upper
74 100
45 75.3 50.9 152.7

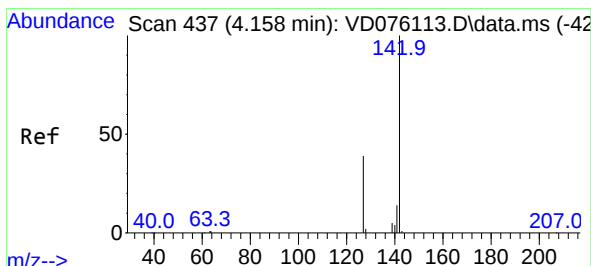
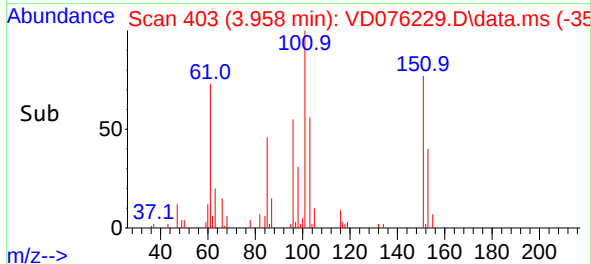
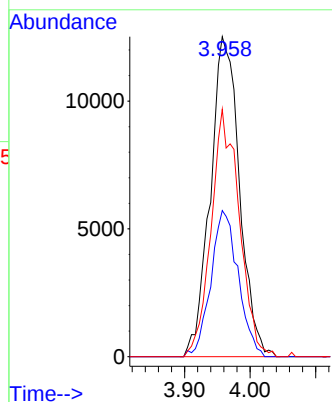
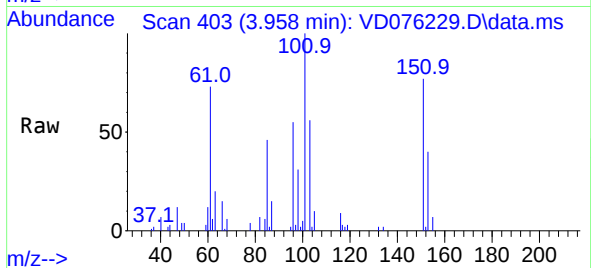




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.289 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

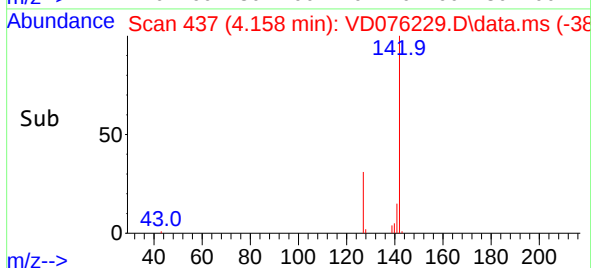
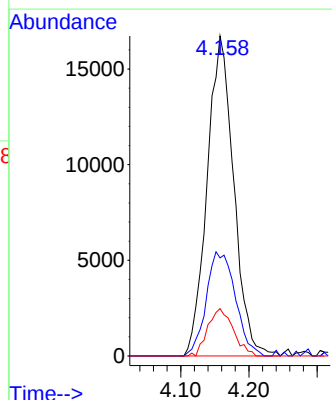
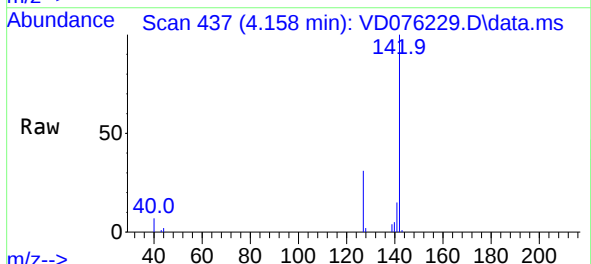
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

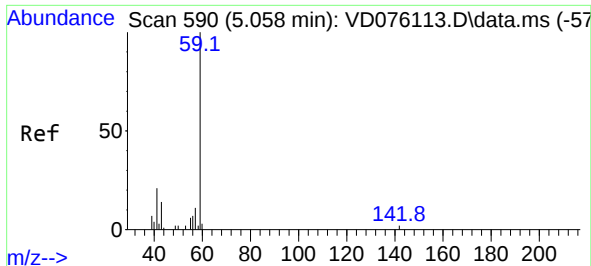
Tgt Ion:101 Resp: 38718
Ion Ratio Lower Upper
101 100
85 42.7 38.3 57.5
151 74.5 60.4 90.6



#10
Methyl Iodide
Concen: 22.873 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:142 Resp: 45384
Ion Ratio Lower Upper
142 100
127 35.6 37.1 55.7#
141 14.2 11.3 16.9

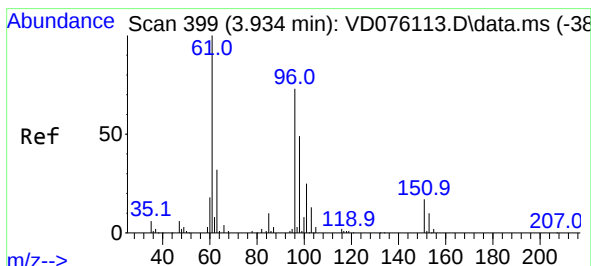
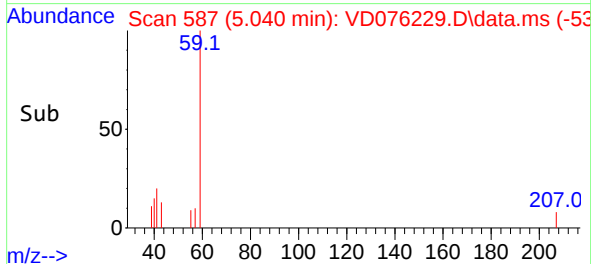
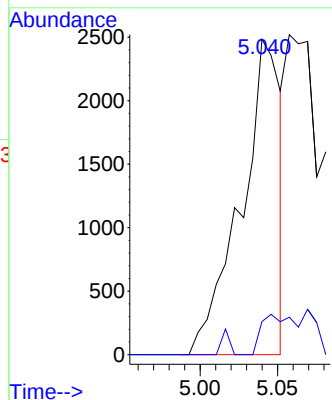
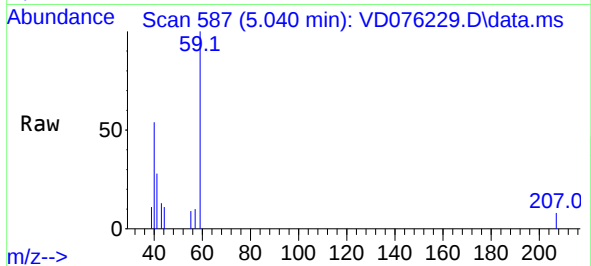




#11
Tert butyl alcohol
Concen: 48.820 ug/l
RT: 5.040 min Scan# 590
Delta R.T. -0.012 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

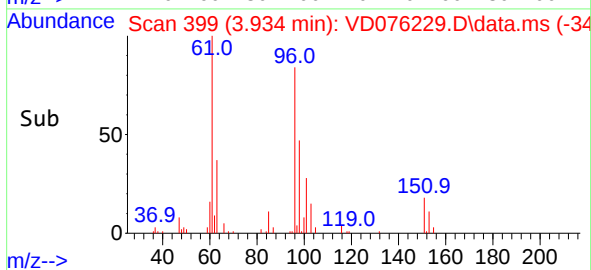
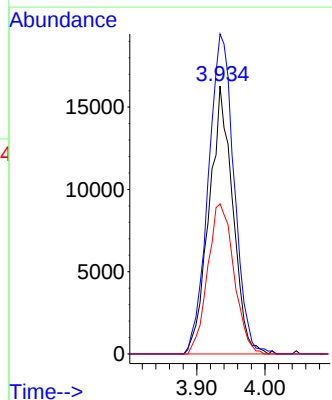
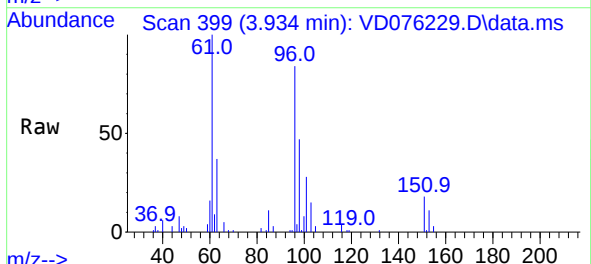
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

Tgt Ion: 59 Resp: 4386
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

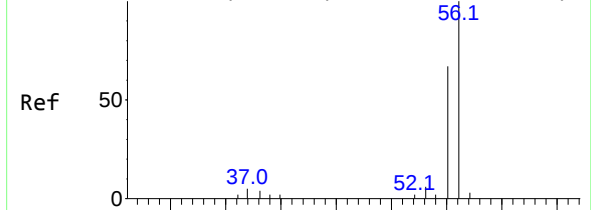


#12
1,1-Dichloroethene
Concen: 20.756 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 96 Resp: 39421
Ion Ratio Lower Upper
96 100
61 119.4 118.6 177.8
98 56.0 49.7 74.5

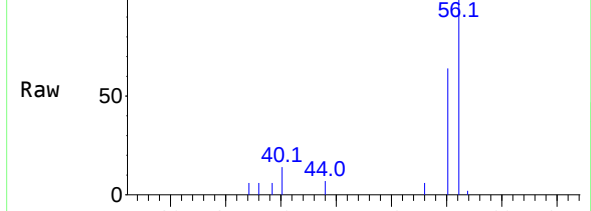


Abundance Scan 375 (3.793 min): VD076113.D\data.ms (-36



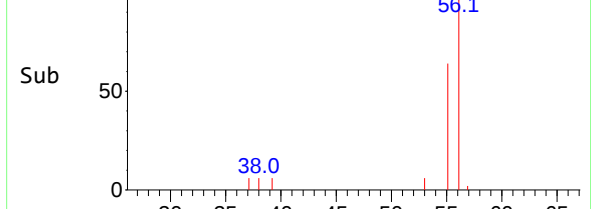
m/z-->

Abundance Scan 375 (3.793 min): VD076229.D\data.ms



m/z-->

Abundance Scan 375 (3.793 min): VD076229.D\data.ms (-32



m/z-->

#13

Acrolein

Concen: 79.550 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBS01

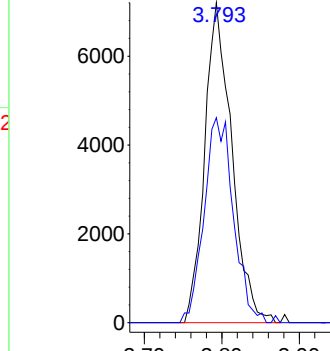
Tgt Ion: 56 Resp: 17491

Ion Ratio Lower Upper

56 100

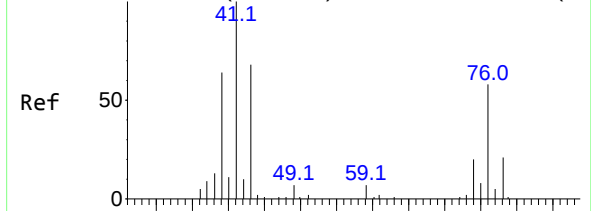
55 69.4 53.9 80.9

Abundance



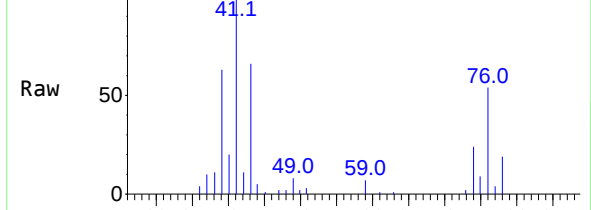
Time-->

Abundance Scan 506 (4.563 min): VD076113.D\data.ms (-48



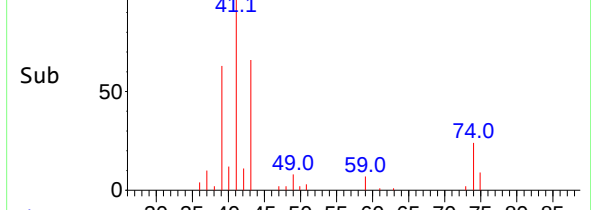
m/z-->

Abundance Scan 506 (4.563 min): VD076229.D\data.ms



m/z-->

Abundance Scan 506 (4.563 min): VD076229.D\data.ms (-45



m/z-->

#14

Allyl chloride

Concen: 20.336 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Tgt Ion: 41 Resp: 39198

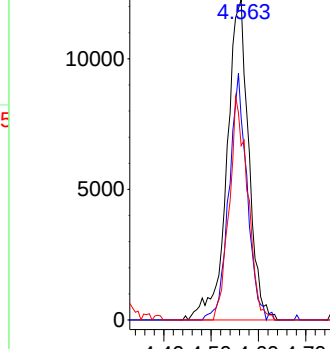
Ion Ratio Lower Upper

41 100

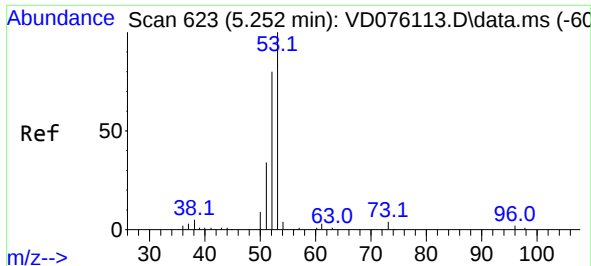
39 64.3 60.6 90.8

76 59.4 28.6 43.0#

Abundance



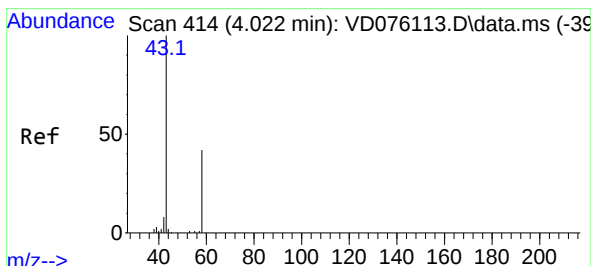
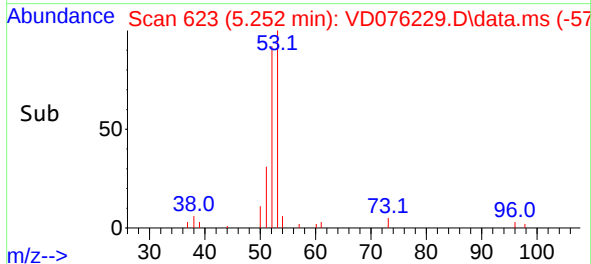
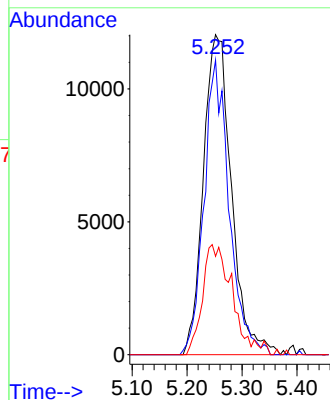
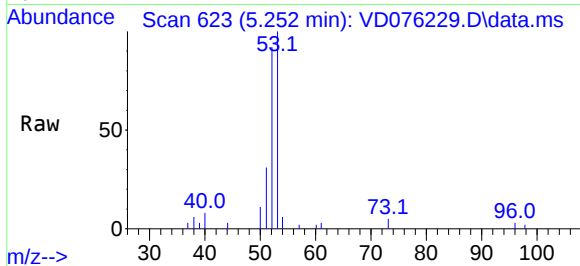
Time-->



#15
Acrylonitrile
Concen: 108.450 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

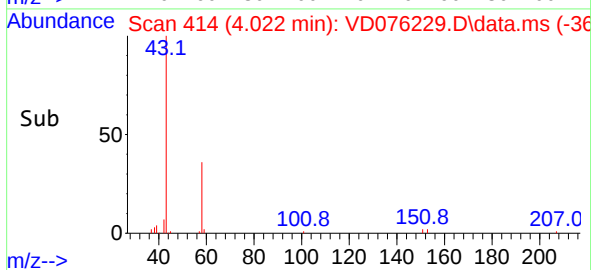
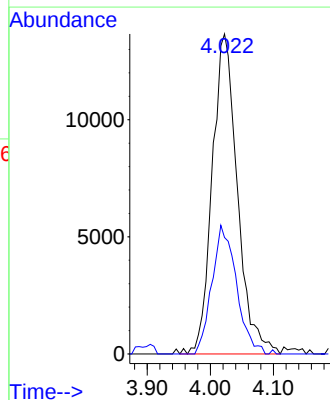
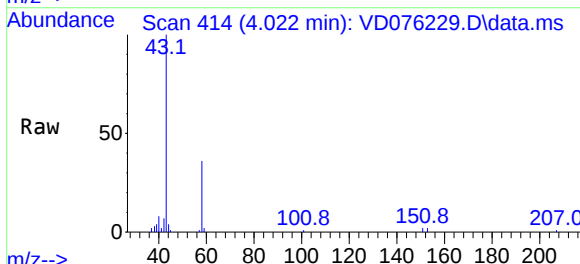
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

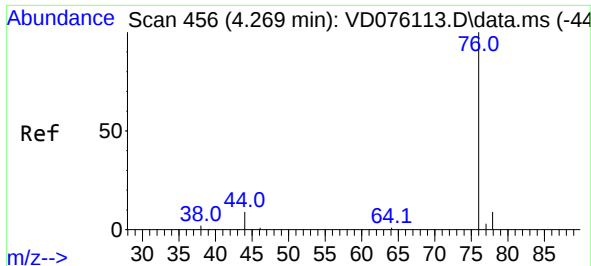
Tgt Ion:	53	Resp:	42781
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	35.9	30.7	46.1



#16
Acetone
Concen: 112.179 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:	43	Resp:	37906
Ion	Ratio	Lower	Upper
43	100		
58	36.4	24.4	36.6

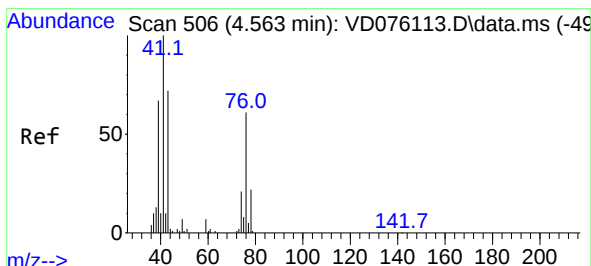
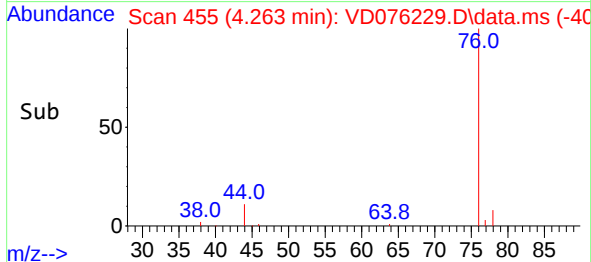
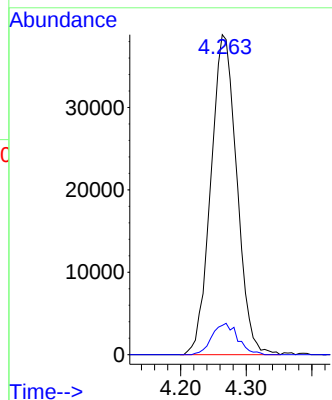
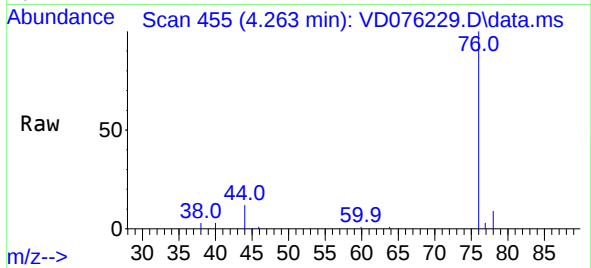




#17
Carbon Disulfide
Concen: 19.012 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

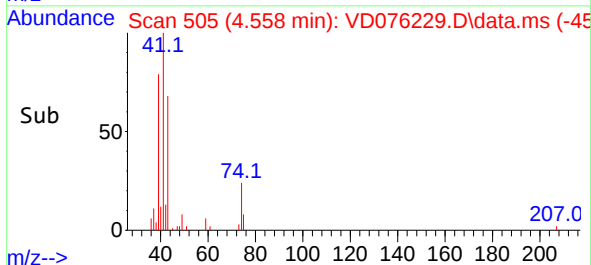
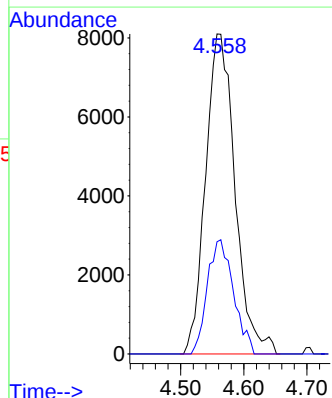
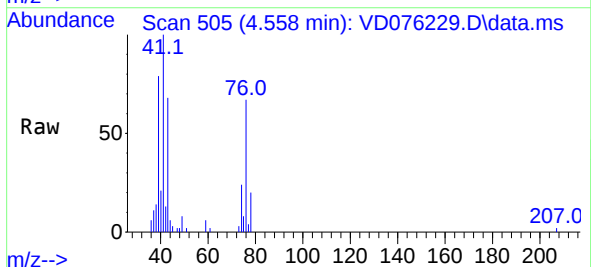
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

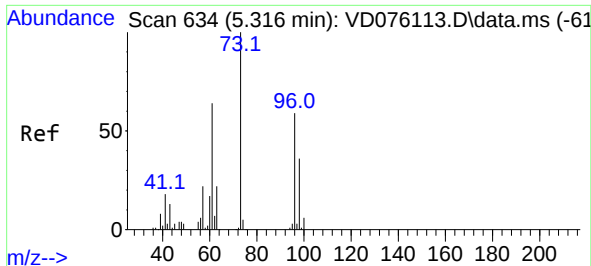
Tgt Ion: 76 Resp: 106628
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0



#18
Methyl Acetate
Concen: 21.734 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 43 Resp: 26198
Ion Ratio Lower Upper
43 100
74 31.7 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 20.798 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

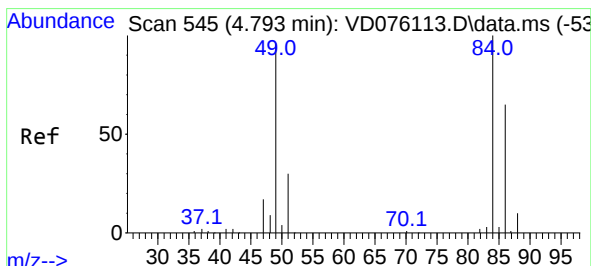
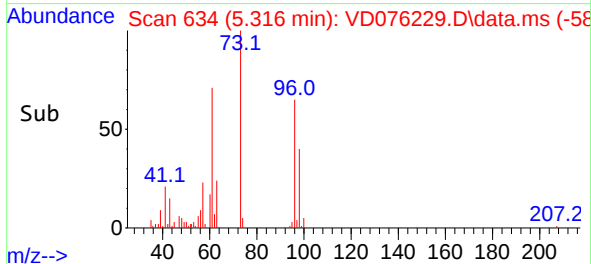
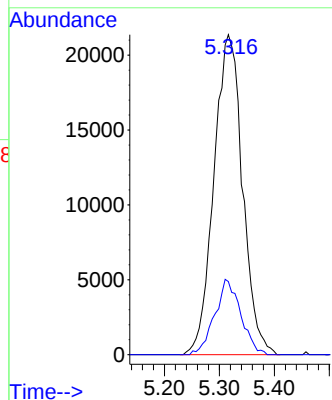
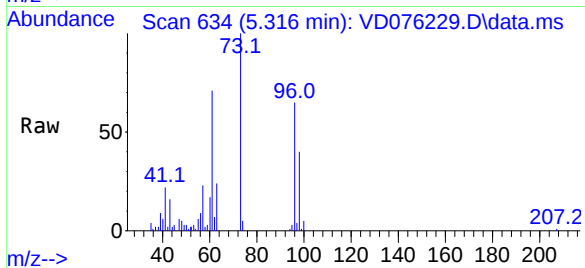
VD0525SBS01

Tgt Ion: 73 Resp: 77312

Ion Ratio Lower Upper

73 100

57 22.9 17.2 25.8



#20

Methylene Chloride

Concen: 27.244 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Tgt Ion: 84 Resp: 84878

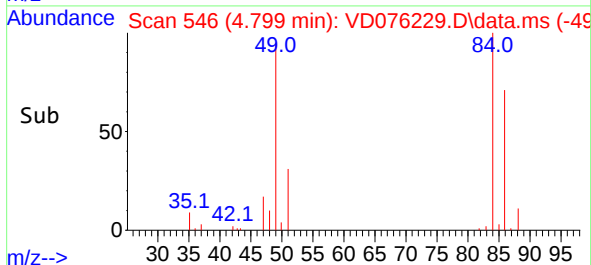
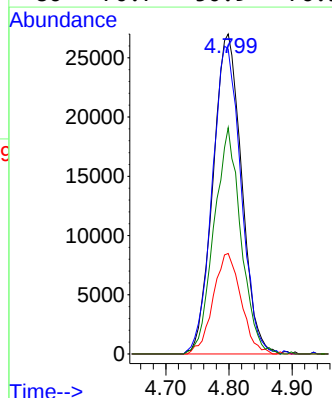
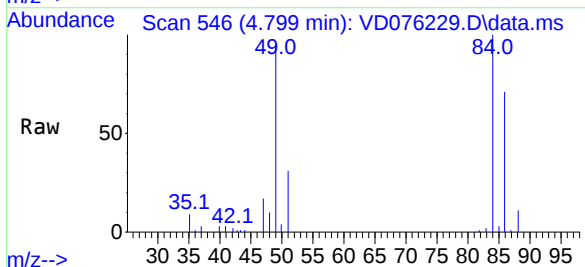
Ion Ratio Lower Upper

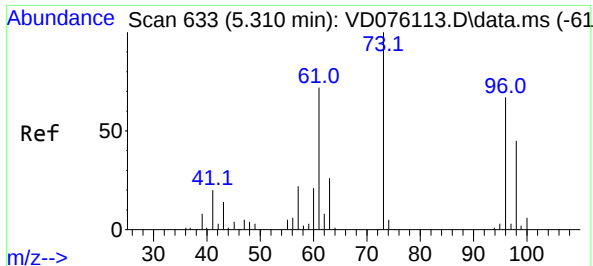
84 100

49 95.2 106.4 159.6#

51 31.4 32.4 48.6#

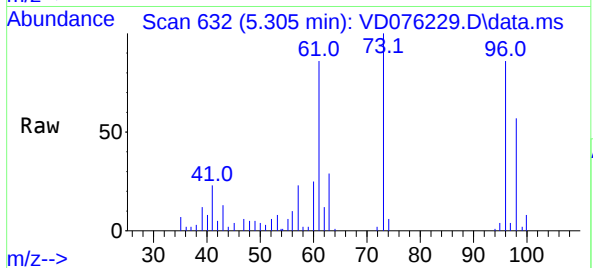
86 70.7 50.9 76.3



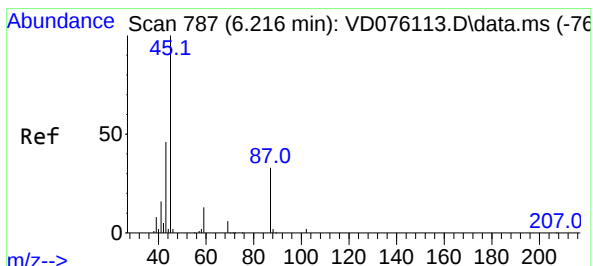
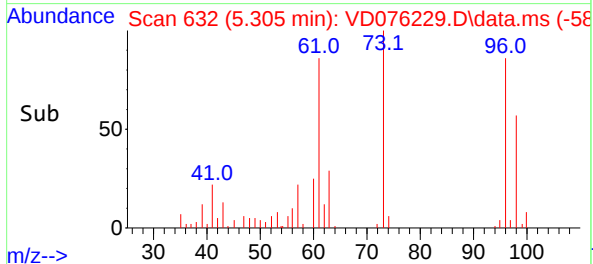
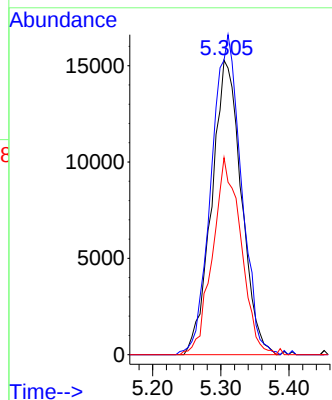


#21
trans-1,2-Dichloroethene
Concen: 21.146 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

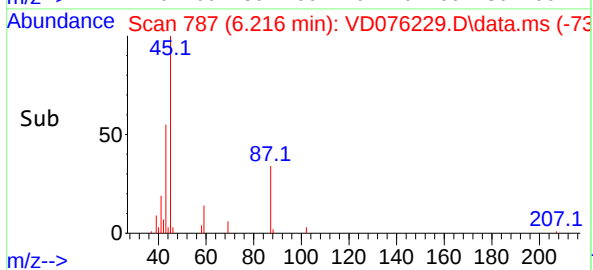
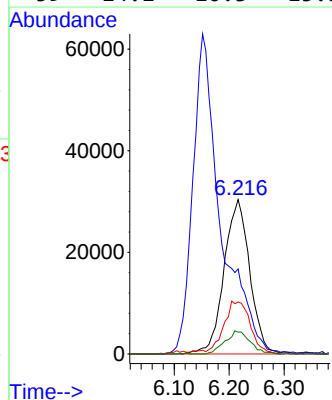
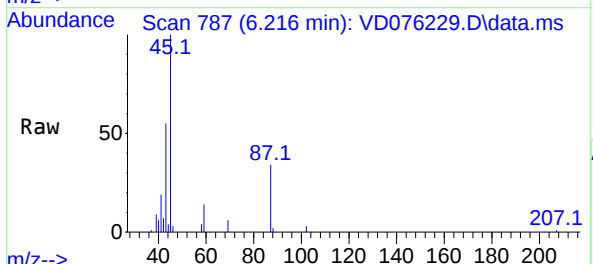


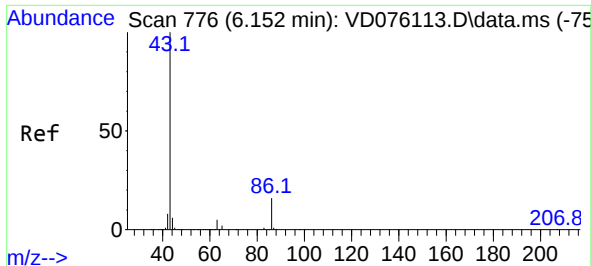
Tgt Ion: 96 Resp: 46286
Ion Ratio Lower Upper
96 100
61 100.0 117.2 175.8#
98 66.9 50.6 76.0



#22
Diisopropyl ether
Concen: 22.027 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 45 Resp: 98548
Ion Ratio Lower Upper
45 100
43 53.8 44.4 66.6
87 33.7 20.9 31.3#
59 14.1 10.3 15.5

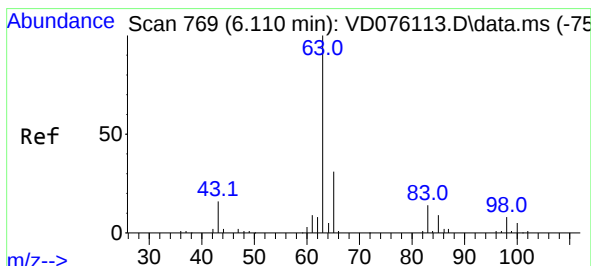
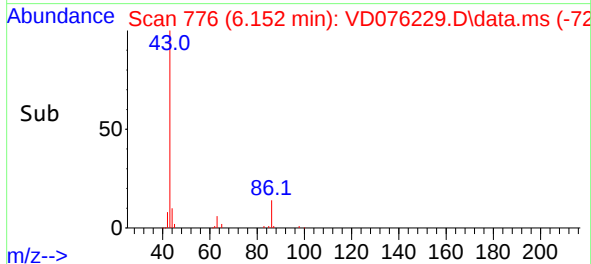
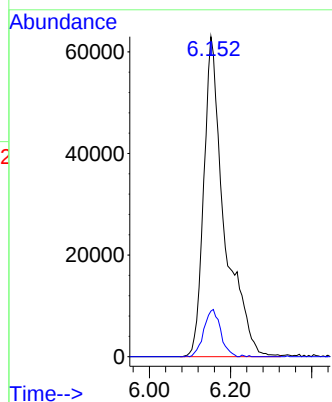
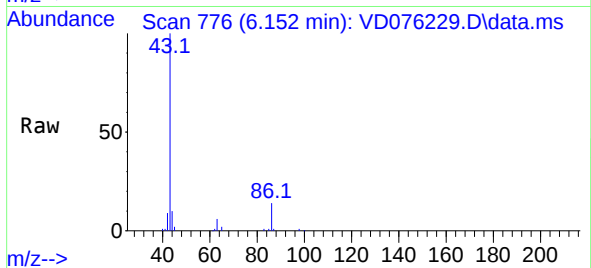




#23
 Vinyl Acetate
 Concen: 126.648 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076229.D
 Acq: 25 May 2023 13:12

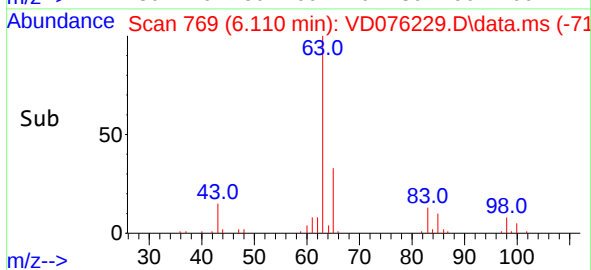
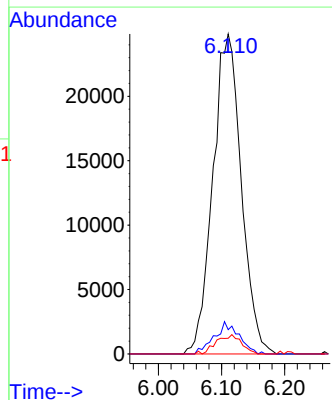
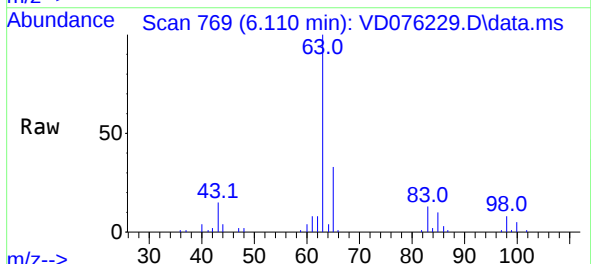
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBS01

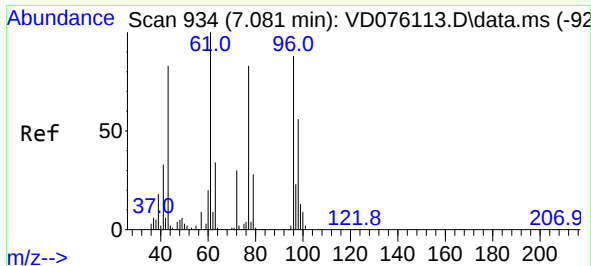
Tgt Ion: 43 Resp: 222794
 Ion Ratio Lower Upper
 43 100
 86 14.3 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 21.999 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076229.D
 Acq: 25 May 2023 13:12

Tgt Ion: 63 Resp: 77624
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.9 2.0 6.0

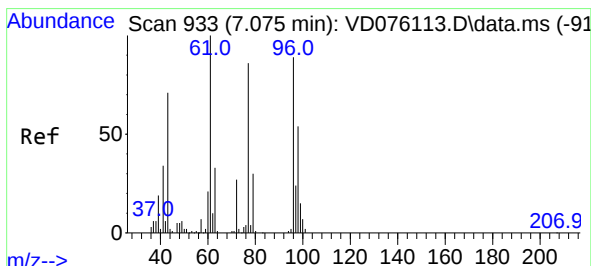
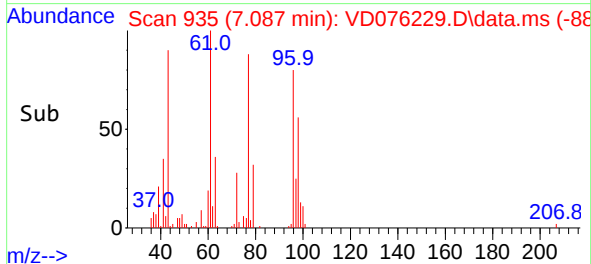
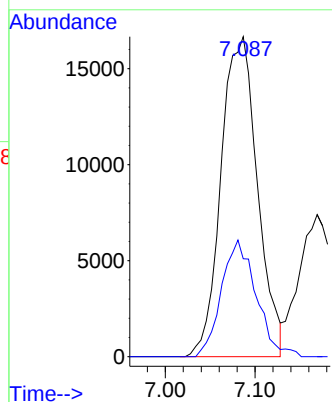
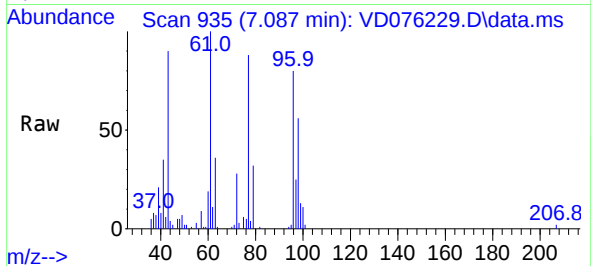




#25
2-Butanone
Concen: 110.621 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

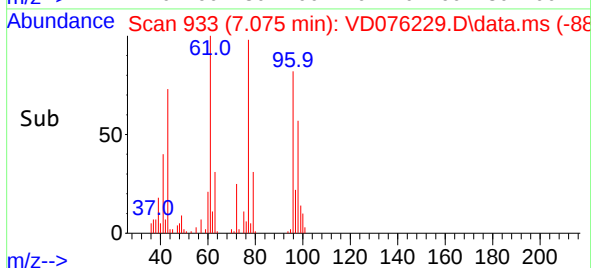
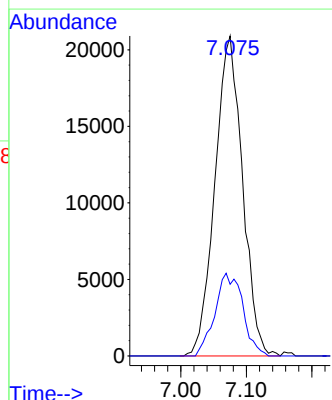
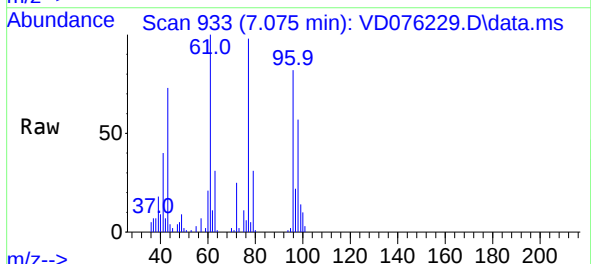
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

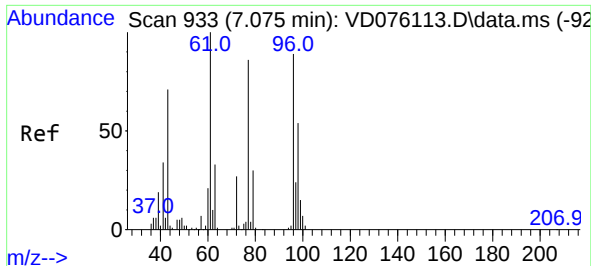
Tgt Ion: 43 Resp: 47000
Ion Ratio Lower Upper
43 100
72 30.6 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 21.194 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 77 Resp: 60978
Ion Ratio Lower Upper
77 100
97 26.2 11.1 33.1

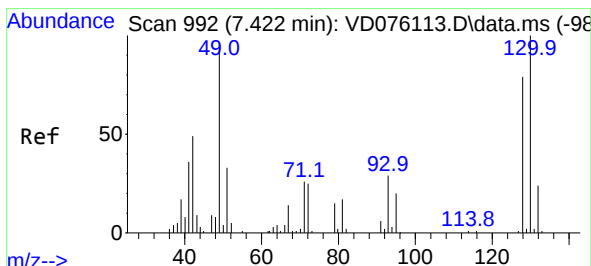
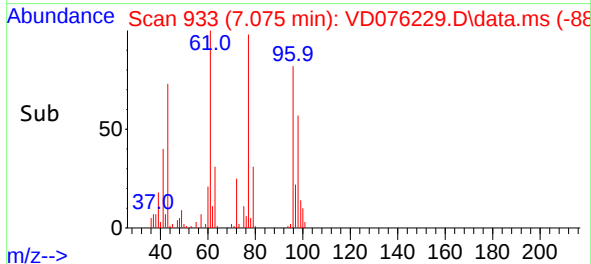
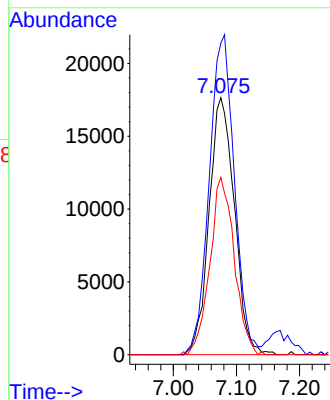
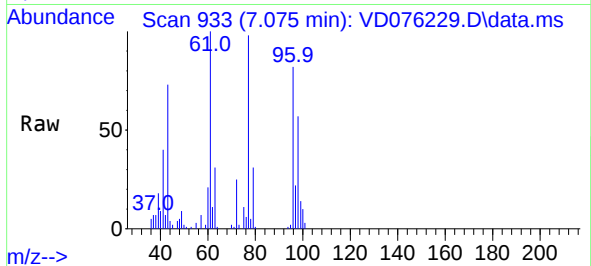




#27
 cis-1,2-Dichloroethene
 Concen: 20.294 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076229.D
 Acq: 25 May 2023 13:12

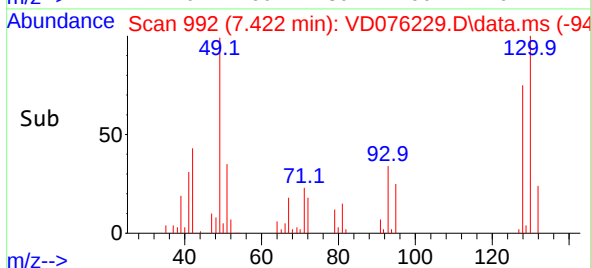
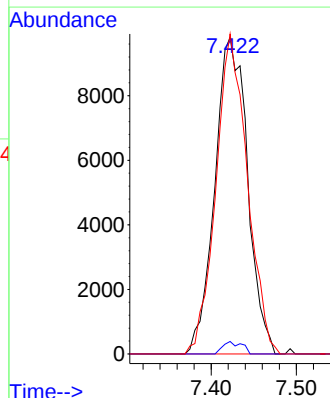
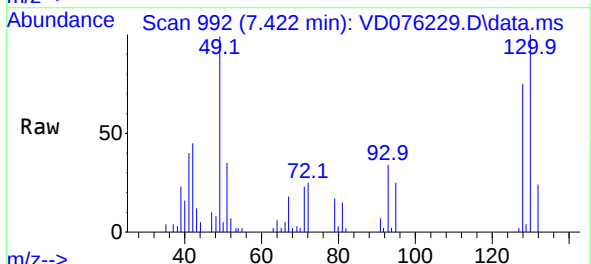
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBS01

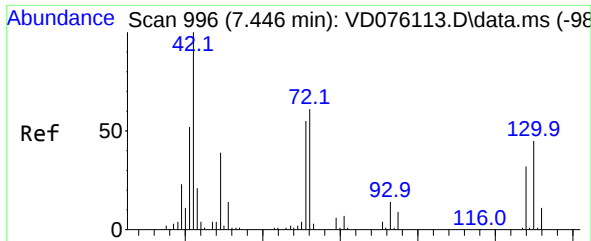
Tgt Ion:	96	Resp:	49295
Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	295.2
98	66.4	0.0	129.2



#28
 Bromochloromethane
 Concen: 22.220 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076229.D
 Acq: 25 May 2023 13:12

Tgt Ion:	49	Resp:	26142
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	97.0	56.0	84.0#





#29

Tetrahydrofuran

Concen: 109.533 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBS01

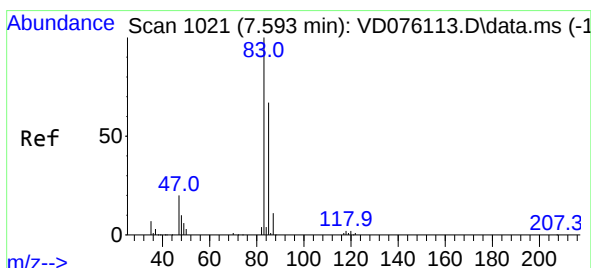
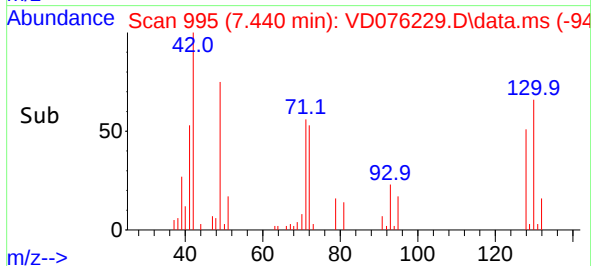
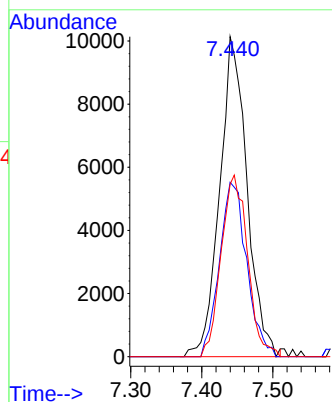
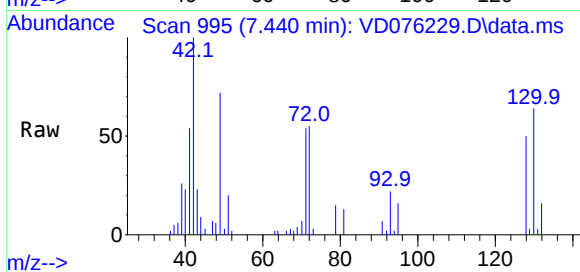
Tgt Ion: 42 Resp: 27125

Ion Ratio Lower Upper

42 100

72 54.4 31.8 47.6#

71 54.9 27.6 41.4#



#30

Chloroform

Concen: 22.237 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076229.D

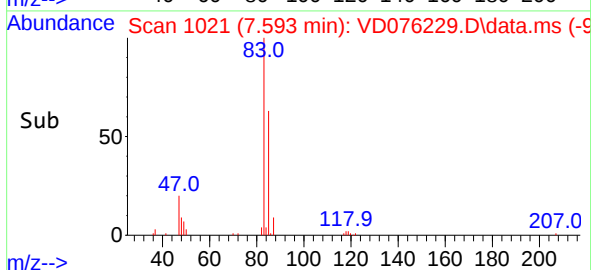
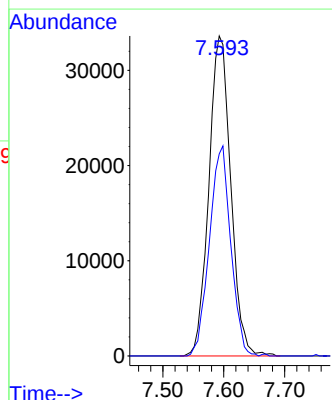
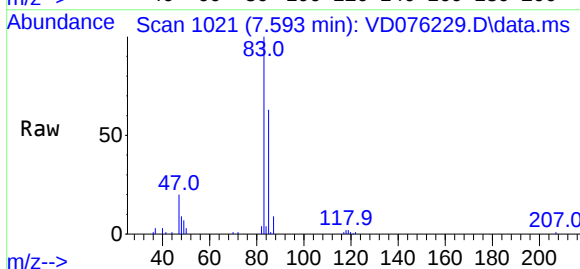
Acq: 25 May 2023 13:12

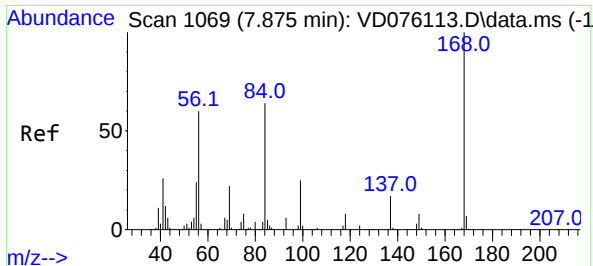
Tgt Ion: 83 Resp: 83907

Ion Ratio Lower Upper

83 100

85 63.2 49.4 74.2

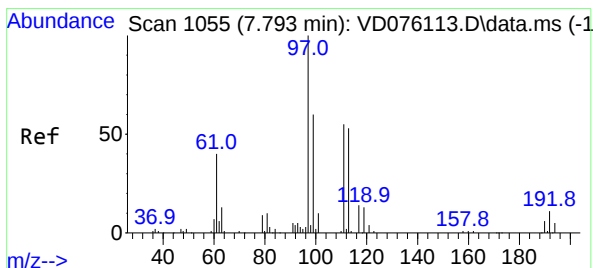
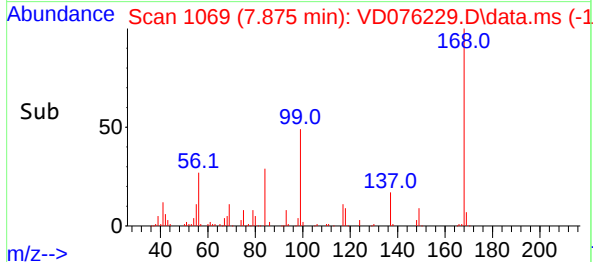
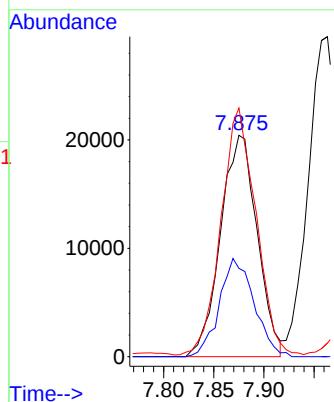
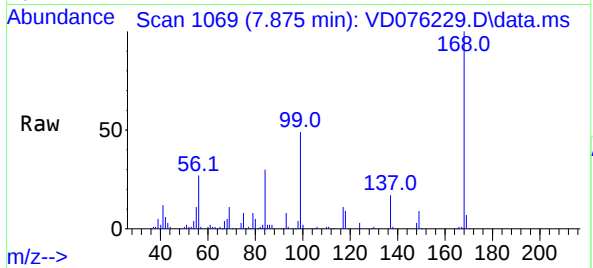




#31
Cyclohexane
Concen: 19.946 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

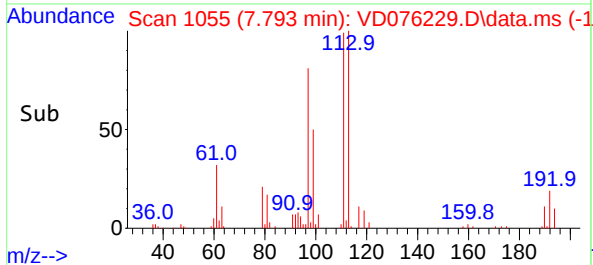
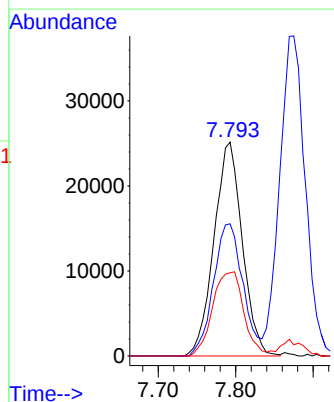
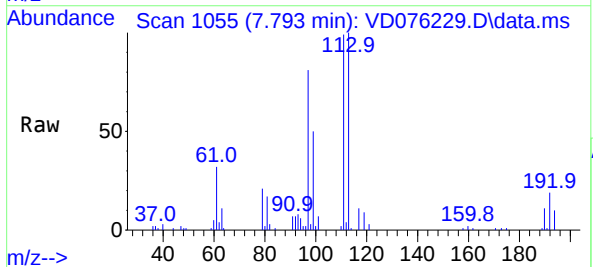
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

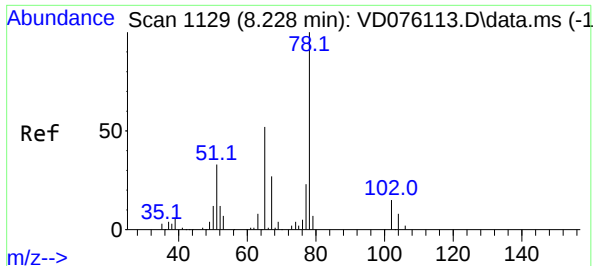
Tgt Ion: 56 Resp: 51880
Ion Ratio Lower Upper
56 100
69 39.8 25.5 38.3#
84 111.4 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 21.221 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 97 Resp: 63812
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 43.1 36.6 55.0

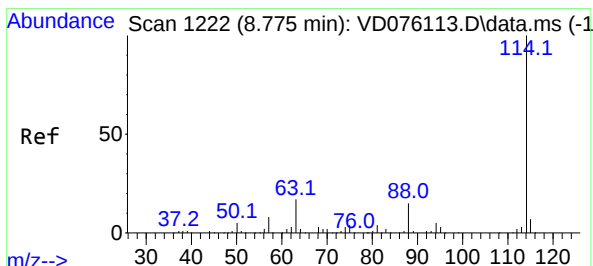
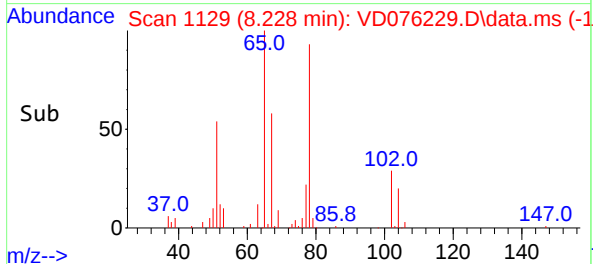
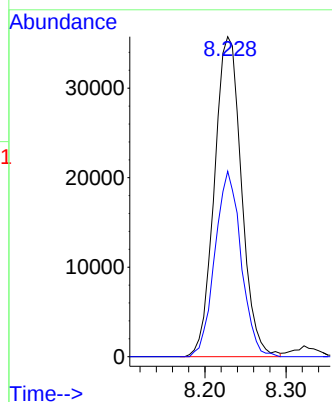
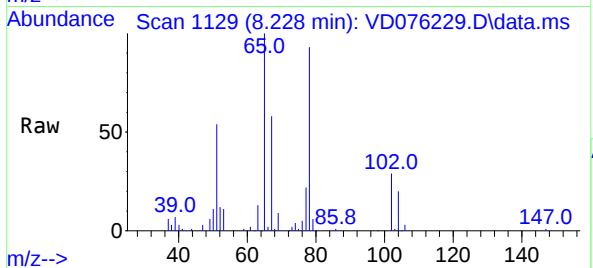




#33
1,2-Dichloroethane-d4
Concen: 48.808 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

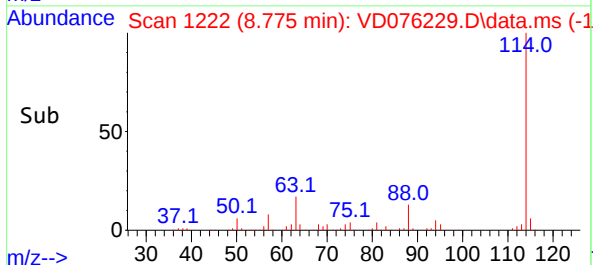
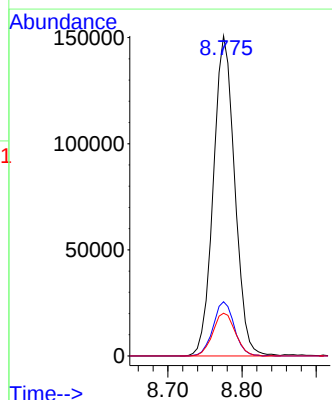
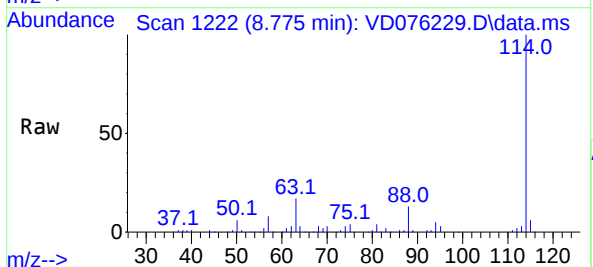
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

Tgt Ion: 65 Resp: 82893
Ion Ratio Lower Upper
65 100
67 56.0 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: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 114 Resp: 301827
Ion Ratio Lower Upper
114 100
63 16.9 0.0 41.6
88 13.4 0.0 30.6

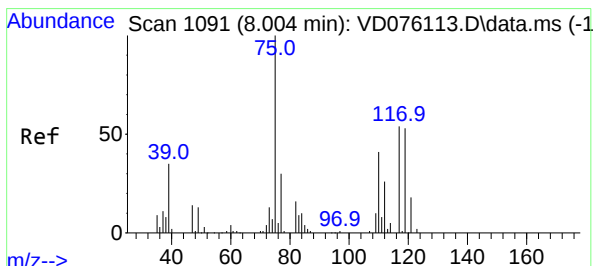
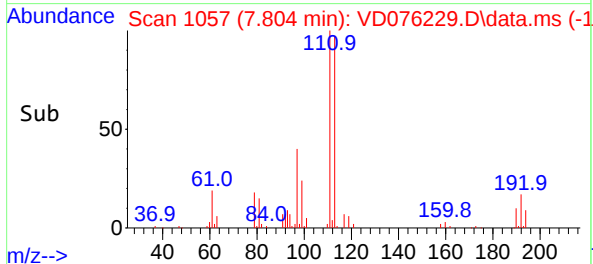
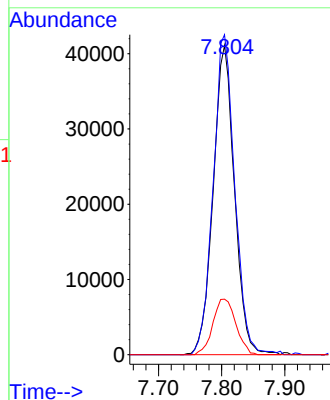
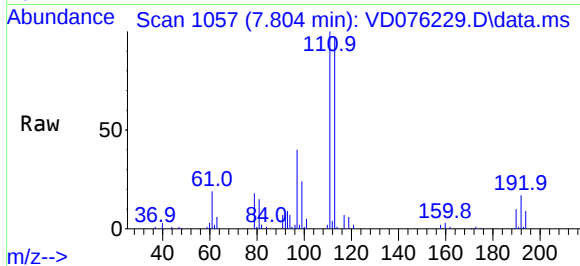




#35
Dibromofluoromethane
Concen: 46.182 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

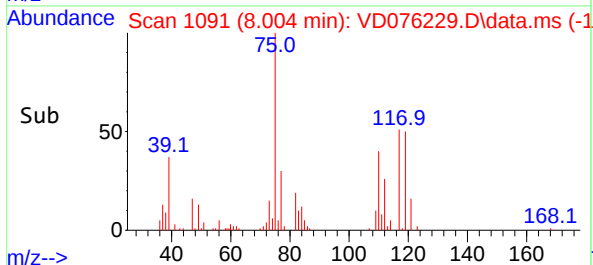
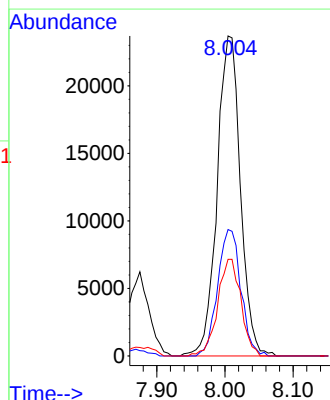
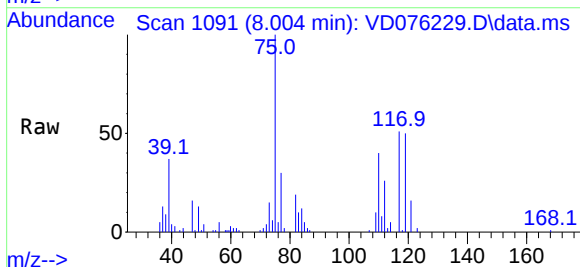
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

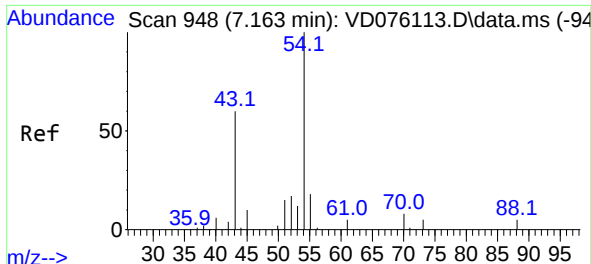
Tgt Ion:113 Resp: 96349
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.0
192 19.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 19.993 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 75 Resp: 56332
Ion Ratio Lower Upper
75 100
110 39.4 17.1 51.2
77 30.2 24.6 36.8





#37

Ethyl Acetate

Concen: 21.211 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076229.D

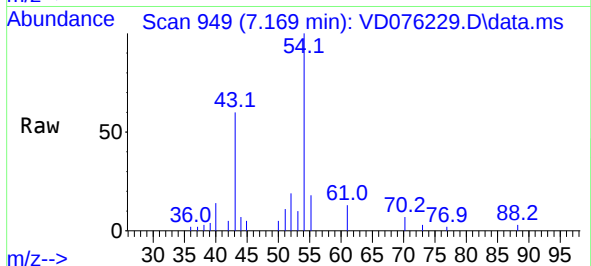
Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBS01



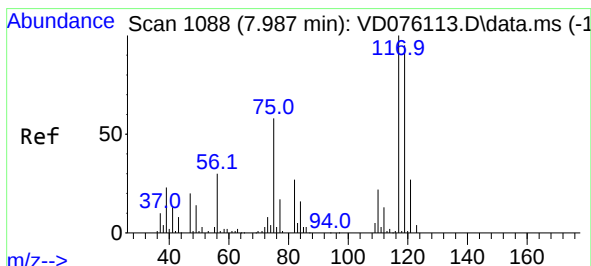
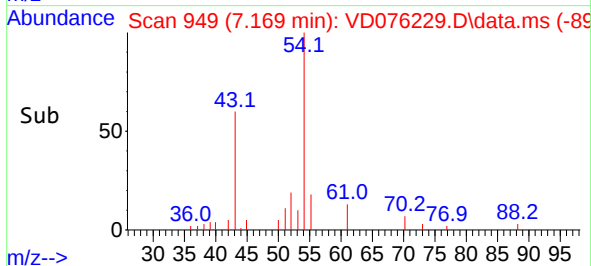
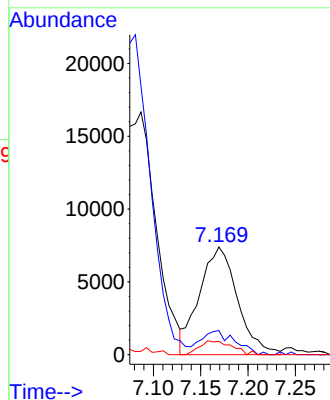
Tgt Ion: 43 Resp: 20695

Ion Ratio Lower Upper

43 100

61 19.7 0.0 0.0#

70 11.1 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 19.339 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

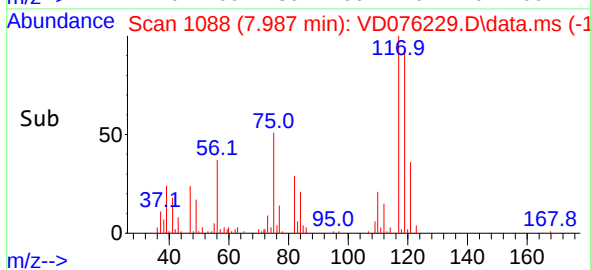
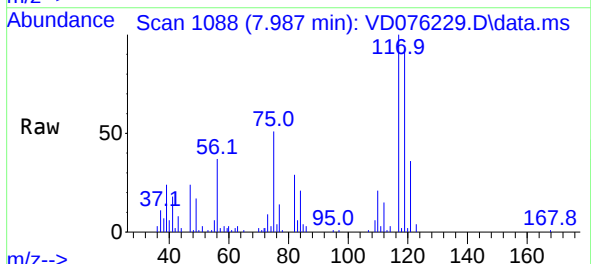
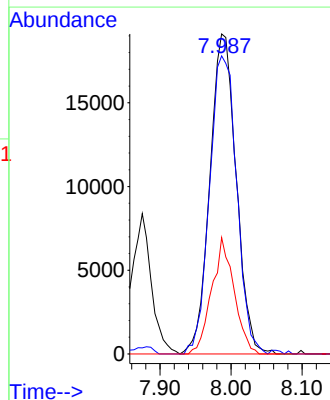
Tgt Ion: 117 Resp: 49218

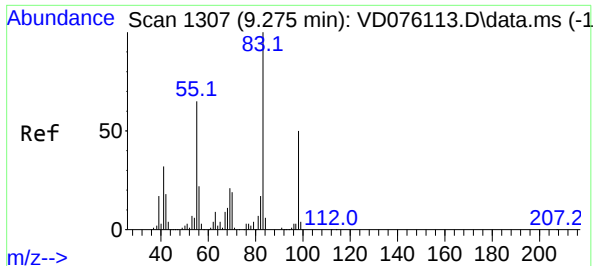
Ion Ratio Lower Upper

117 100

119 93.1 74.7 112.1

121 36.4 25.9 38.9





#39

Methylcyclohexane

Concen: 17.773 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBS01

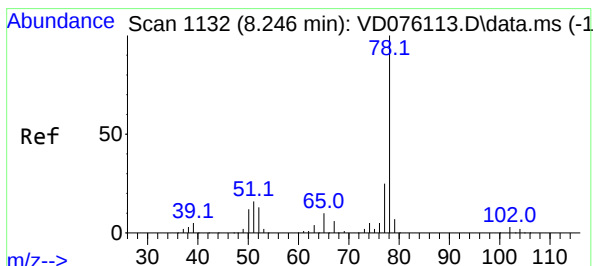
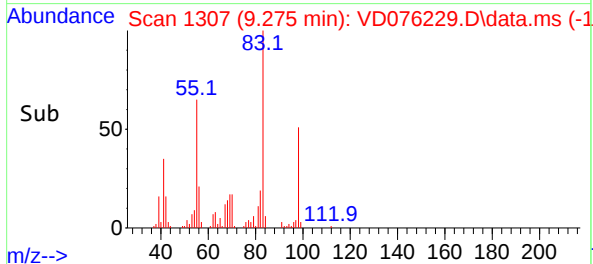
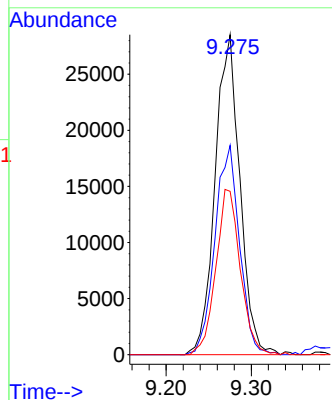
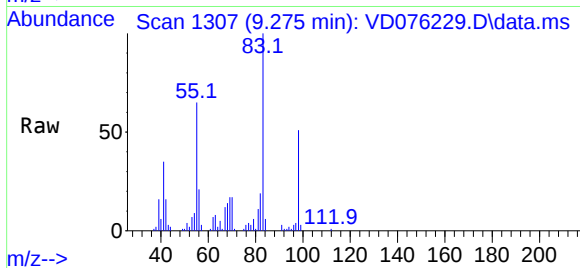
Tgt Ion: 83 Resp: 57654

Ion Ratio Lower Upper

83 100

55 65.4 56.8 85.2

98 51.0 38.9 58.3



#40

Benzene

Concen: 20.131 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD076229.D

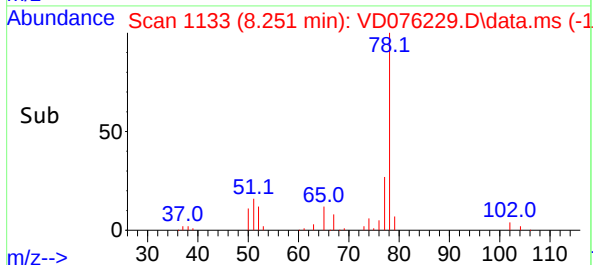
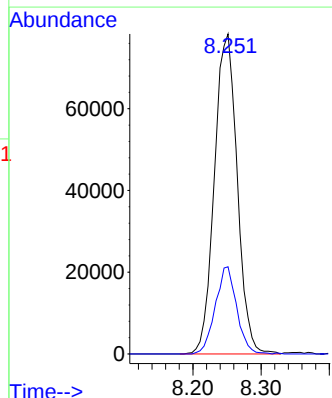
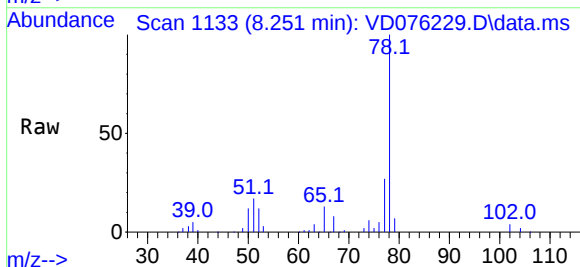
Acq: 25 May 2023 13:12

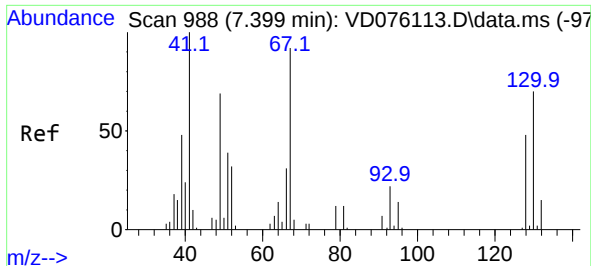
Tgt Ion: 78 Resp: 182365

Ion Ratio Lower Upper

78 100

77 27.3 19.1 28.7

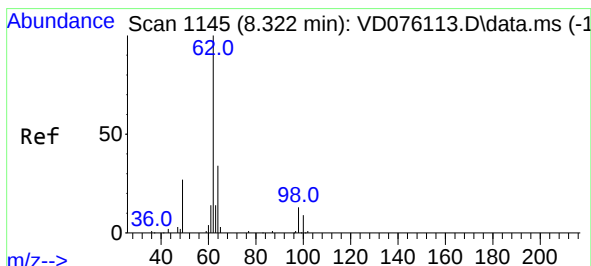
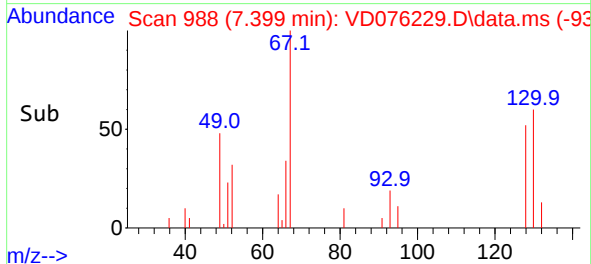
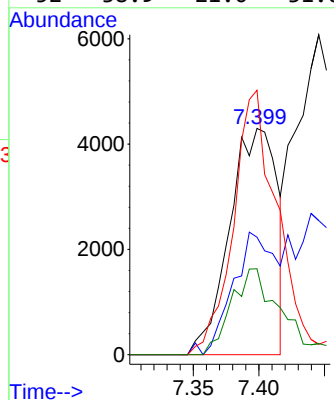
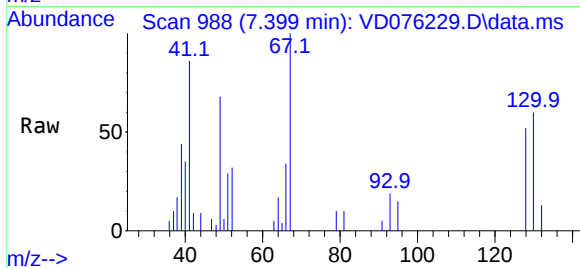




#41
Methacrylonitrile
Concen: 20.219 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

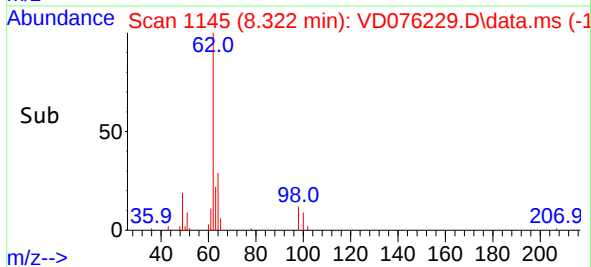
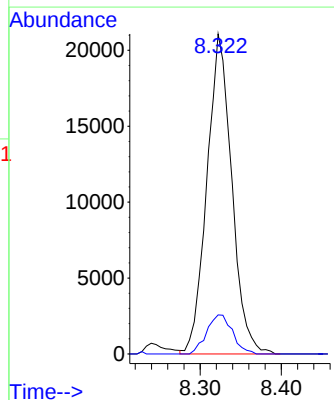
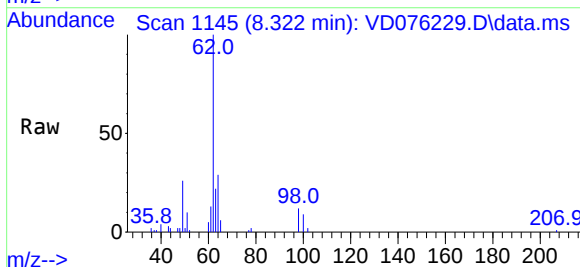
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

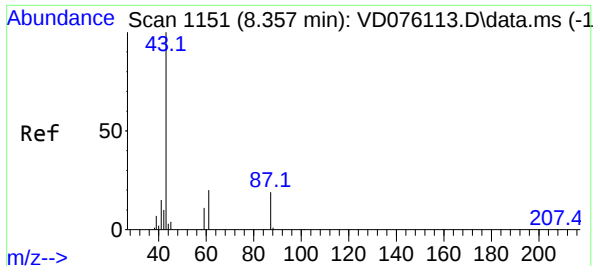
Tgt Ion: 41 Resp: 10817
Ion Ratio Lower Upper
41 100
39 49.0 45.3 67.9
67 108.2 50.5 75.7#
52 38.9 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 20.921 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 62 Resp: 44827
Ion Ratio Lower Upper
62 100
98 12.7 0.0 18.8

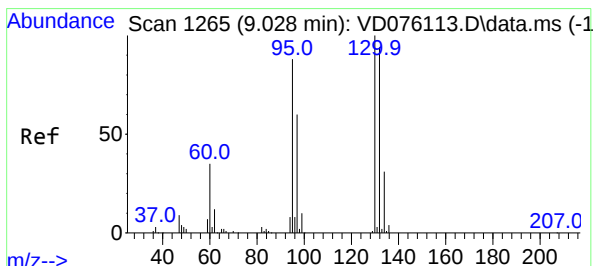
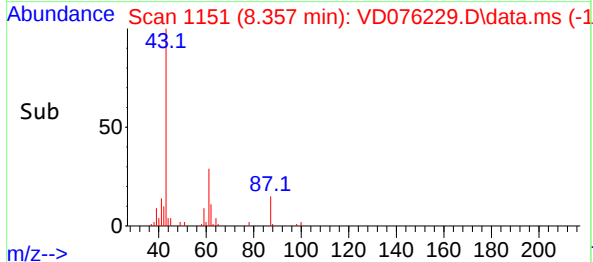
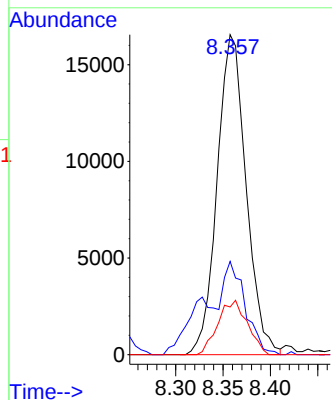
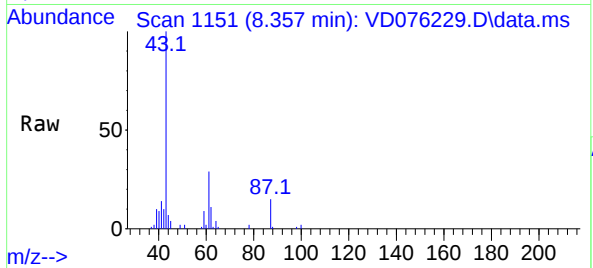




#43
Isopropyl Acetate
Concen: 19.319 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

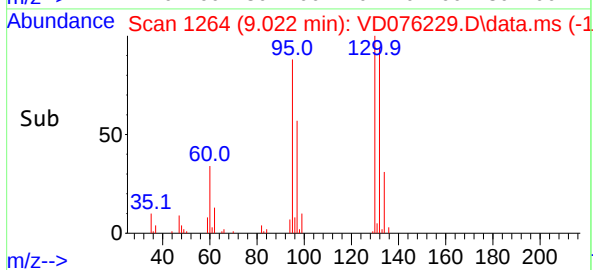
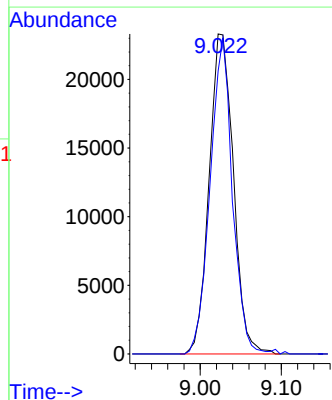
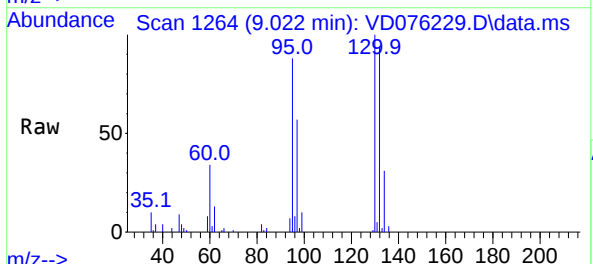
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

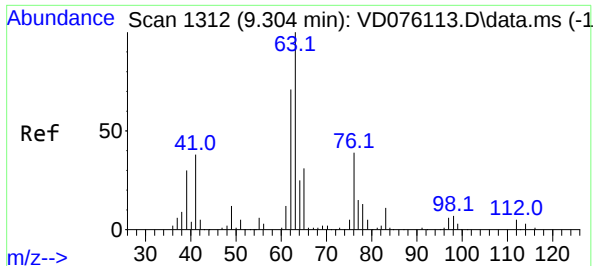
Tgt Ion: 43 Resp: 35212
Ion Ratio Lower Upper
43 100
61 21.9 23.4 35.0#
87 17.3 9.5 14.3#



#44
Trichloroethene
Concen: 18.936 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:130 Resp: 48342
Ion Ratio Lower Upper
130 100
95 88.4 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.618 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

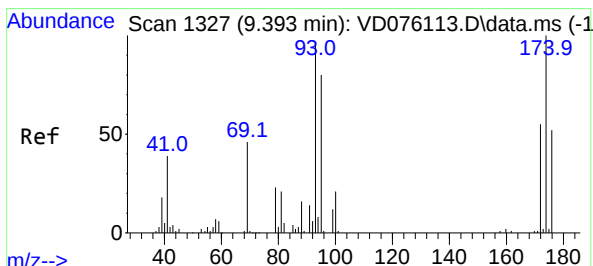
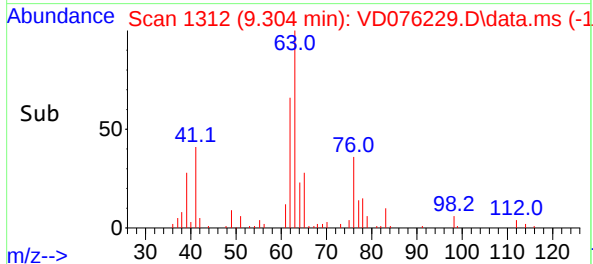
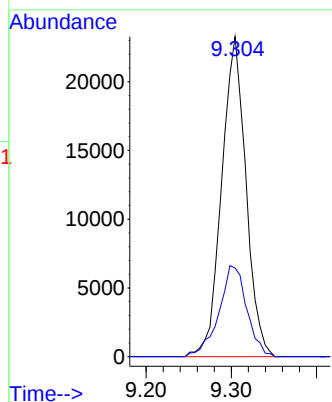
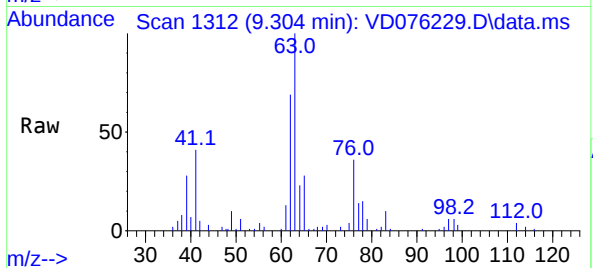
VD0525SBS01

Tgt Ion: 63 Resp: 46070

Ion Ratio Lower Upper

63 100

65 27.7 23.0 34.4



#46

Dibromomethane

Concen: 20.928 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

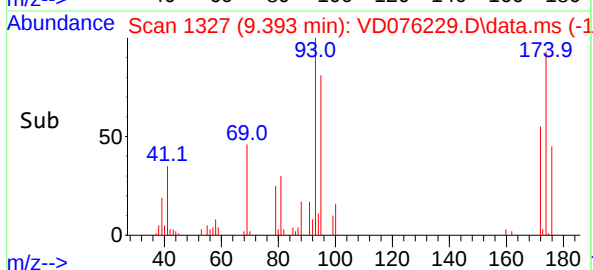
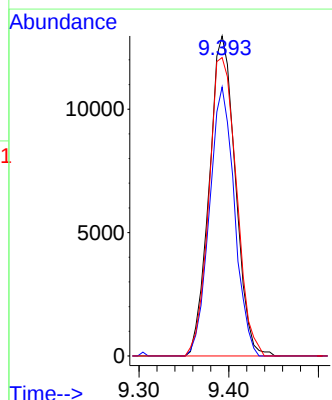
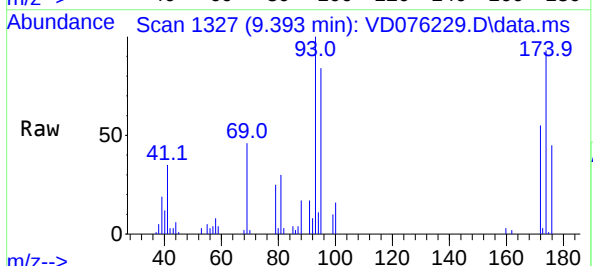
Tgt Ion: 93 Resp: 26212

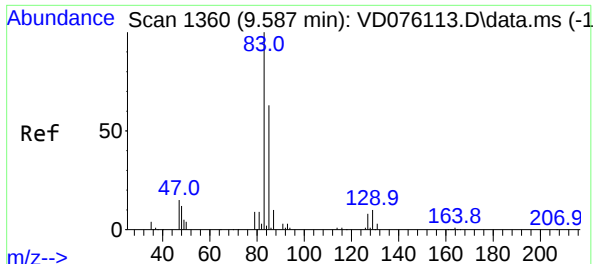
Ion Ratio Lower Upper

93 100

95 80.2 64.5 96.7

174 98.0 76.2 114.4

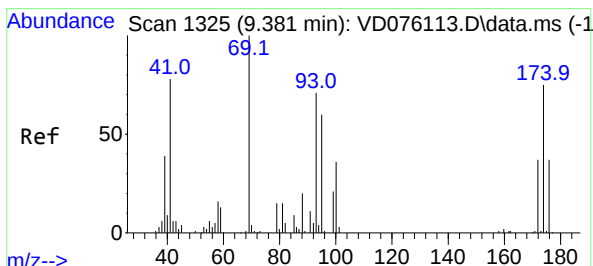
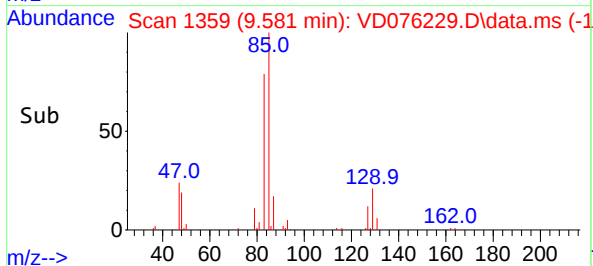
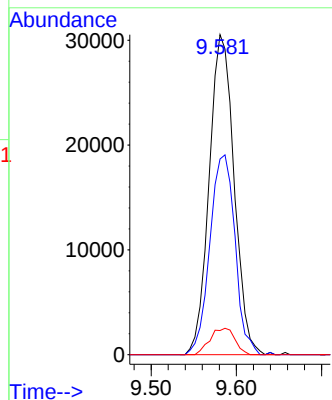
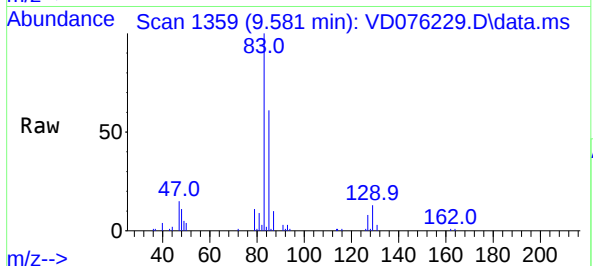




#47
Bromodichloromethane
Concen: 20.662 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

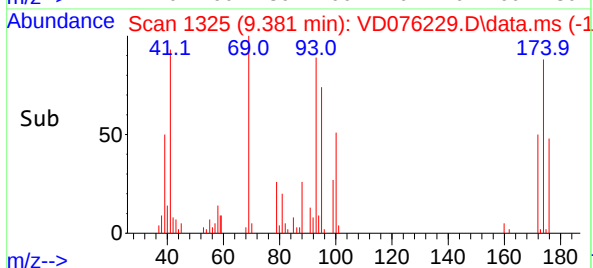
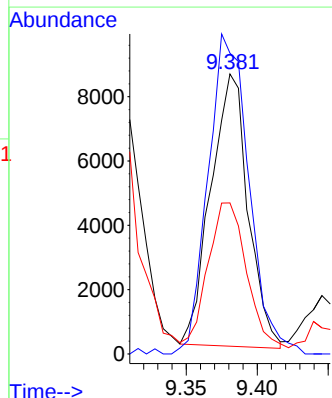
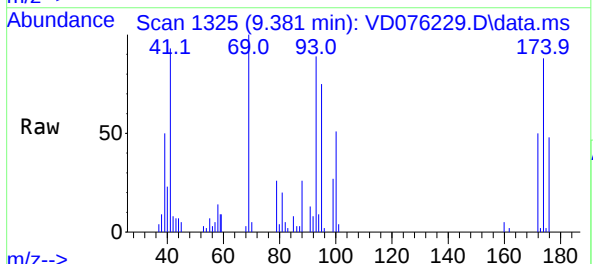
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

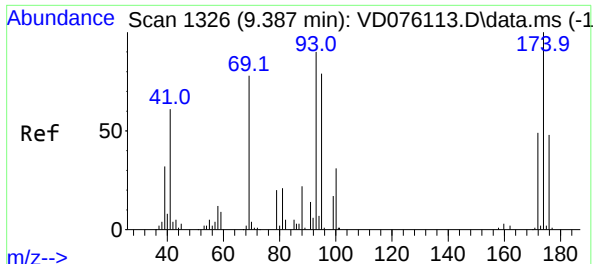
Tgt Ion:	83	Resp:	62194
Ion	Ratio	Lower	Upper
83	100		
85	61.2	53.7	80.5
127	7.6	7.0	10.6



#48
Methyl methacrylate
Concen: 19.180 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:	41	Resp:	15472
Ion	Ratio	Lower	Upper
41	100		
69	128.1	58.6	88.0#
39	60.3	53.4	80.0





#49

1,4-Dioxane

Concen: 408.638 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBS01

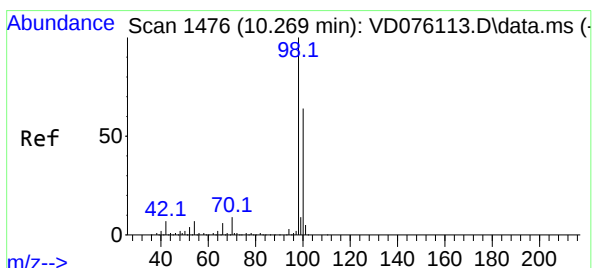
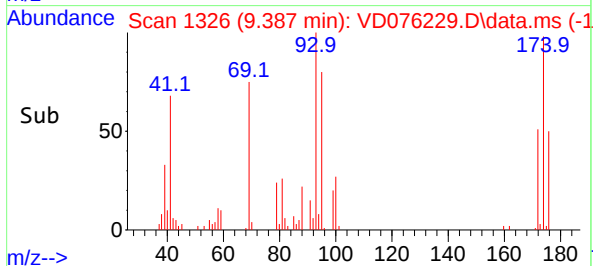
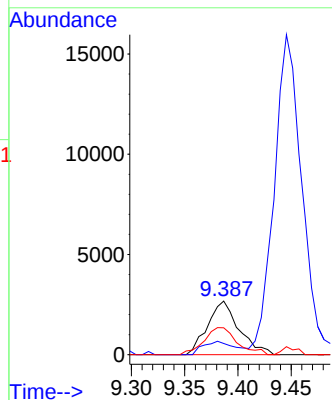
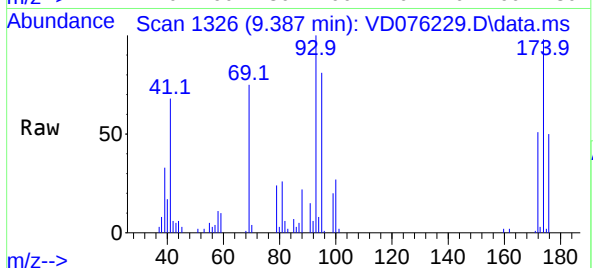
Tgt Ion: 88 Resp: 5473

Ion Ratio Lower Upper

88 100

43 24.6 34.6 51.8#

58 52.8 58.0 87.0#



#50

Toluene-d8

Concen: 46.524 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076229.D

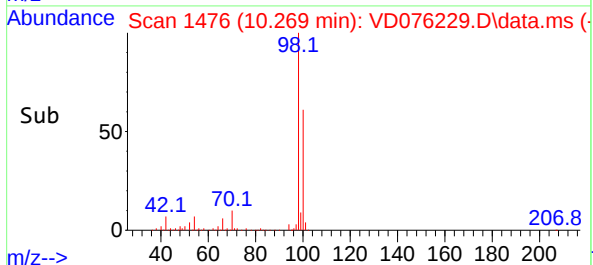
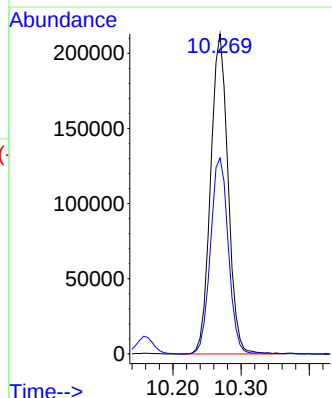
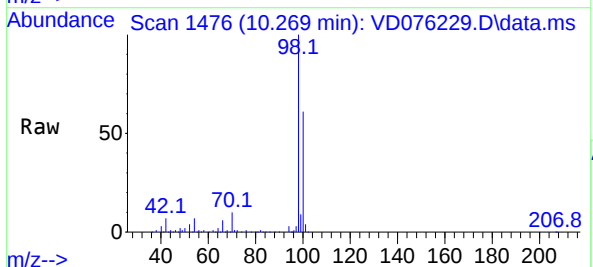
Acq: 25 May 2023 13:12

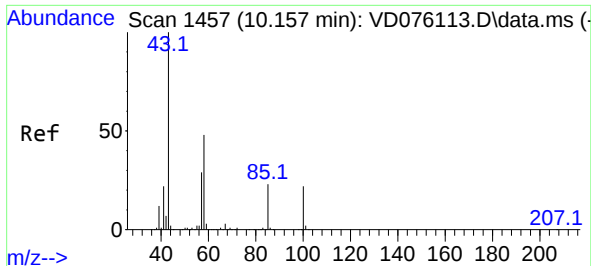
Tgt Ion: 98 Resp: 378372

Ion Ratio Lower Upper

98 100

100 62.9 52.1 78.1

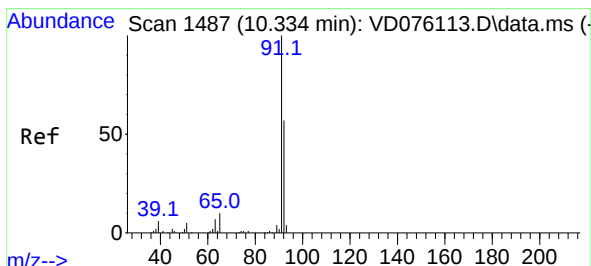
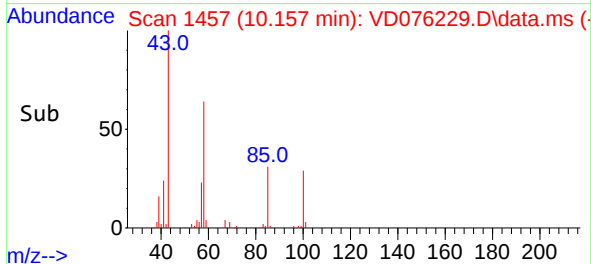
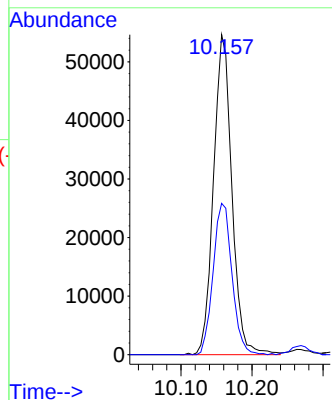
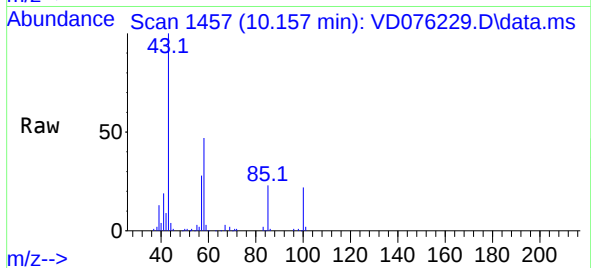




#51
4-Methyl-2-Pentanone
Concen: 101.012 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

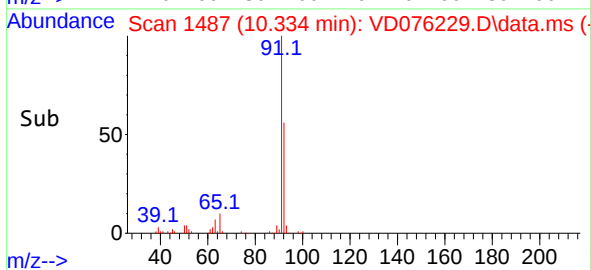
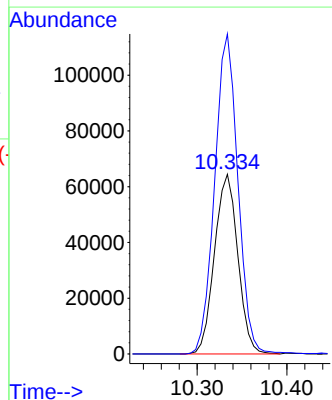
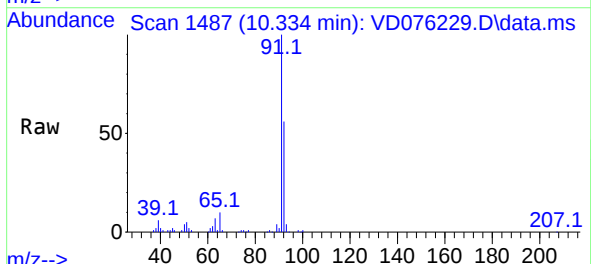
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

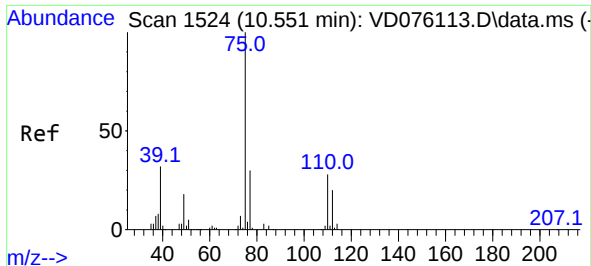
Tgt Ion: 43 Resp: 97917
Ion Ratio Lower Upper
43 100
58 48.6 29.5 44.3#



#52
Toluene
Concen: 20.546 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 92 Resp: 116244
Ion Ratio Lower Upper
92 100
91 177.4 136.5 204.7

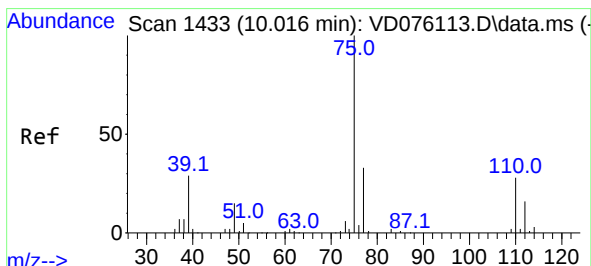
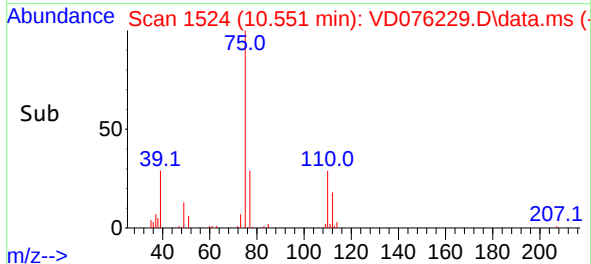
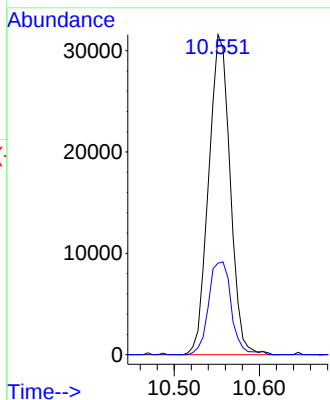
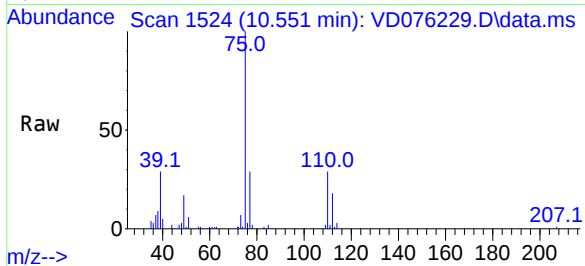




#53
 t-1,3-Dichloropropene
 Concen: 20.410 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD076229.D
 Acq: 25 May 2023 13:12

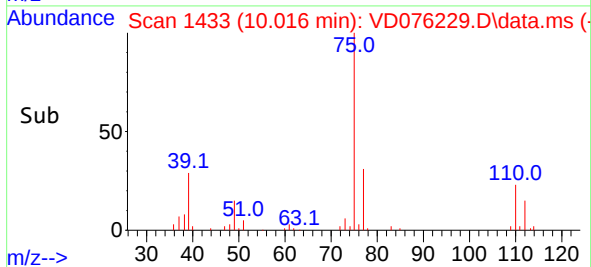
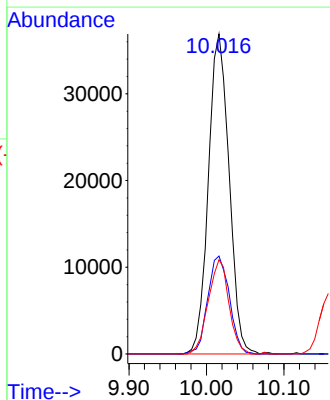
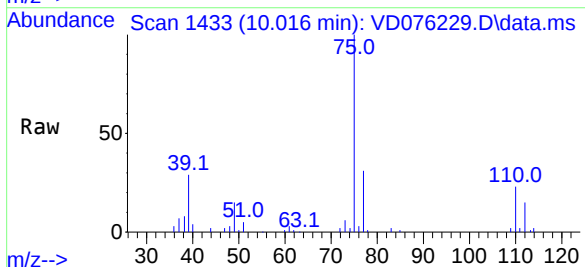
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBS01

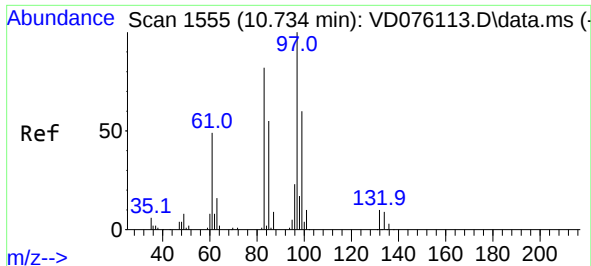
Tgt Ion: 75 Resp: 55372
 Ion Ratio Lower Upper
 75 100
 77 28.6 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.660 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076229.D
 Acq: 25 May 2023 13:12

Tgt Ion: 75 Resp: 68400
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4
 39 29.5 44.8 67.2#

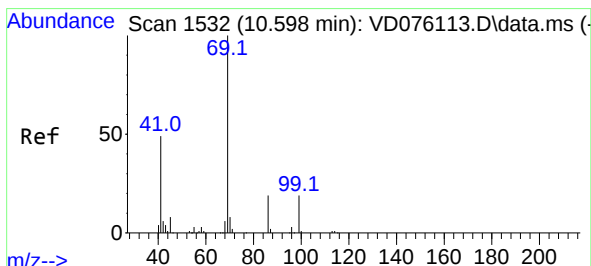
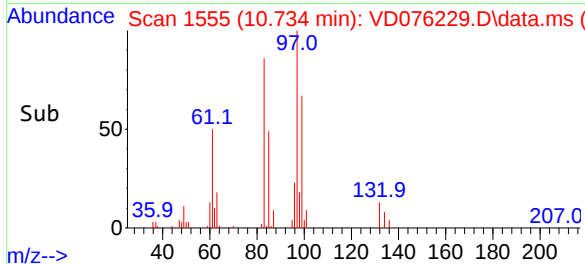
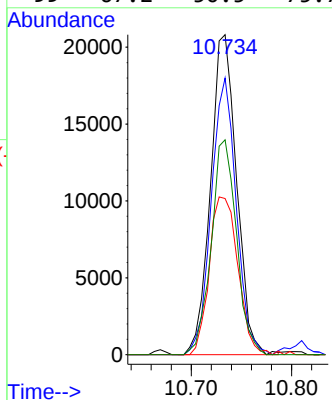
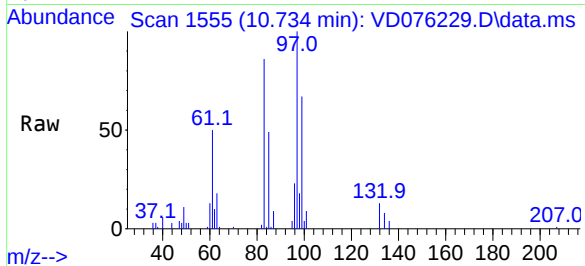




#55
1,1,2-Trichloroethane
Concen: 20.950 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

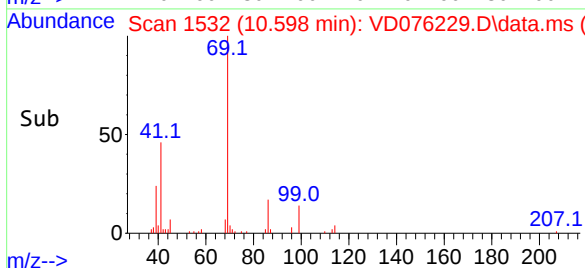
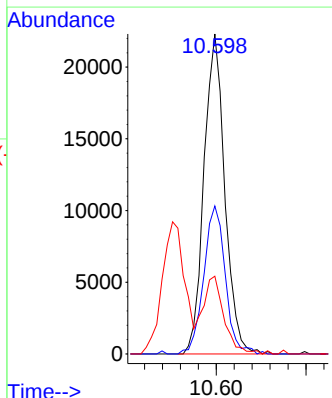
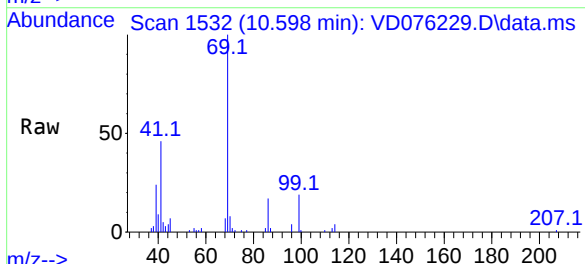
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

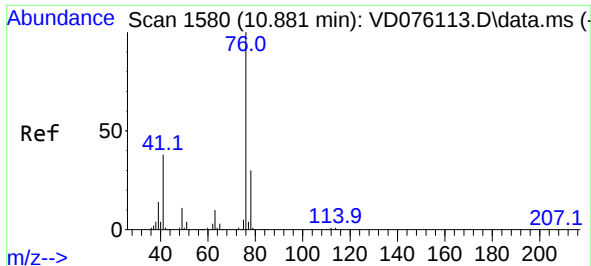
Tgt Ion: 97	Resp: 37628
Ion Ratio	Lower Upper
97 100	
83 86.4	74.2 111.4
85 48.8	45.4 68.0
99 67.2	50.5 75.7



#56
Ethyl methacrylate
Concen: 19.904 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 69	Resp: 35932
Ion Ratio	Lower Upper
69 100	
41 47.9	59.3 88.9#
39 25.1	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 20.528 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

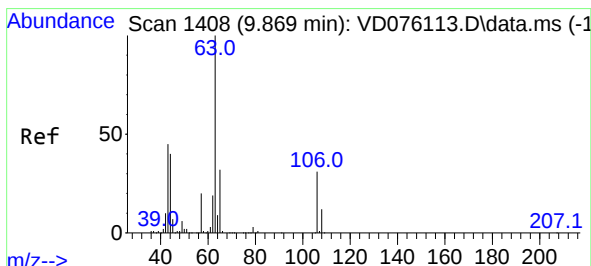
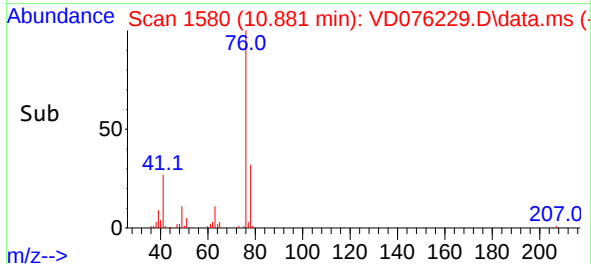
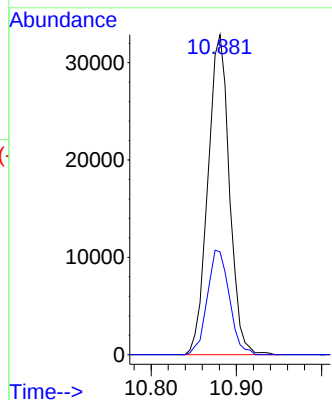
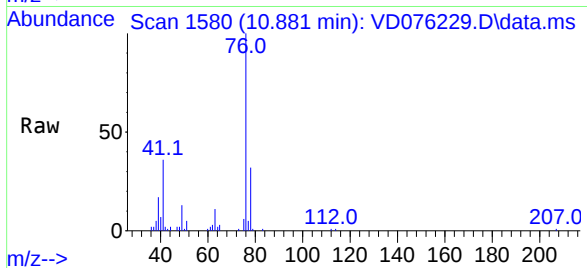
VD0525SBS01

Tgt Ion: 76 Resp: 57843

Ion Ratio Lower Upper

76 100

78 33.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.039 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076229.D

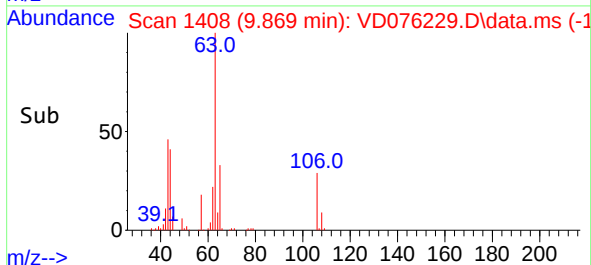
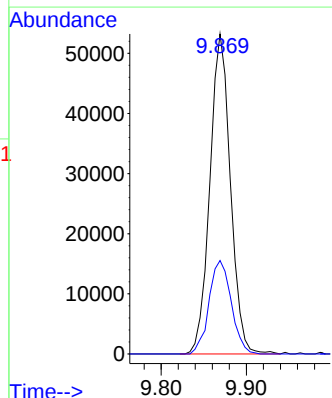
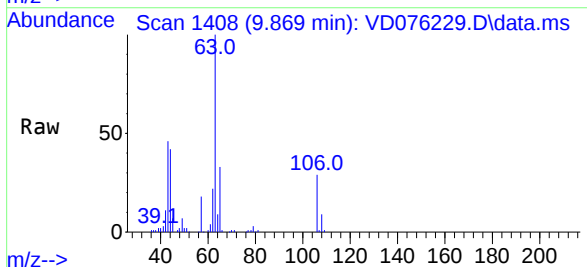
Acq: 25 May 2023 13:12

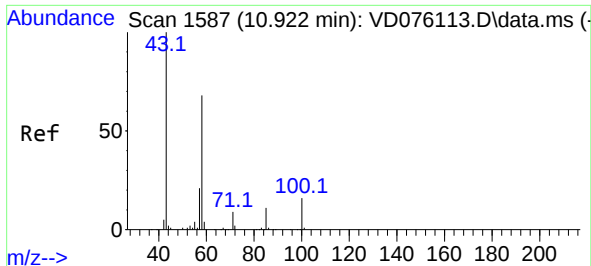
Tgt Ion: 63 Resp: 89251

Ion Ratio Lower Upper

63 100

106 31.6 21.4 32.2

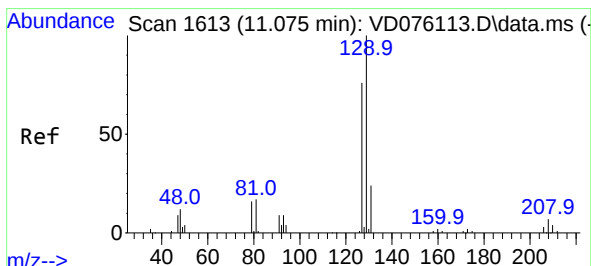
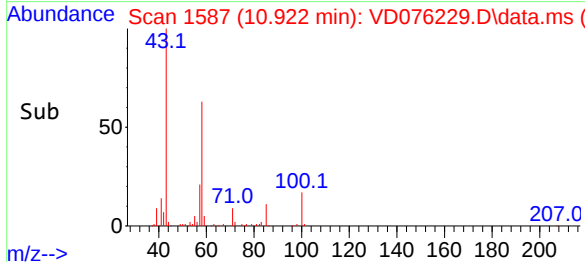
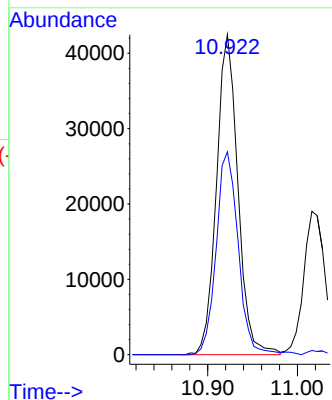
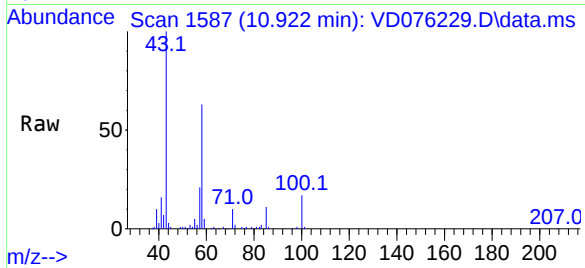




#59
2-Hexanone
Concen: 103.056 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

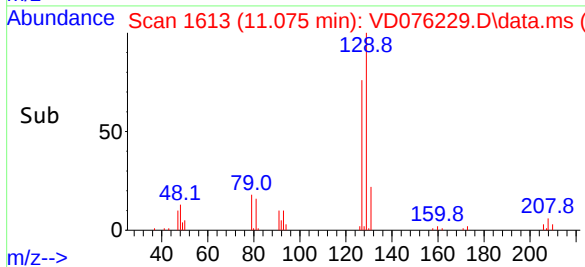
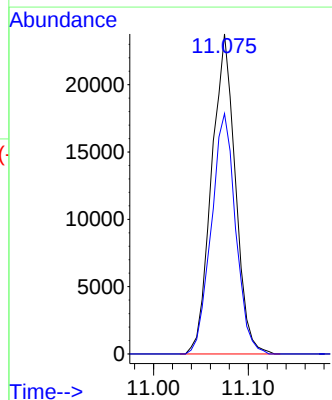
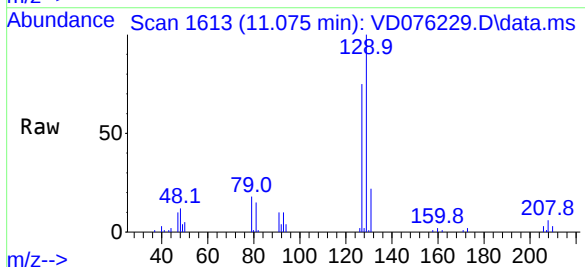
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

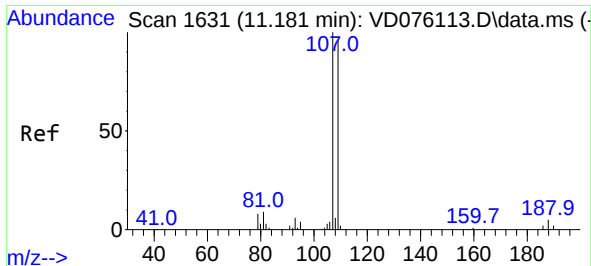
Tgt Ion: 43 Resp: 70451
Ion Ratio Lower Upper
43 100
58 65.2 25.3 75.8



#60
Dibromochloromethane
Concen: 20.435 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:129 Resp: 41269
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5

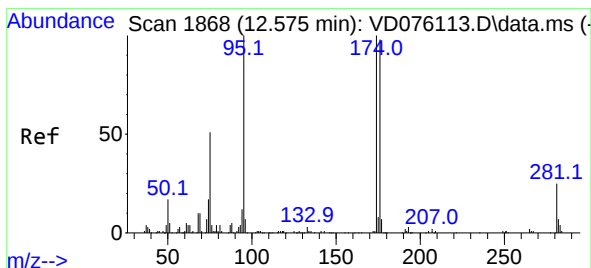
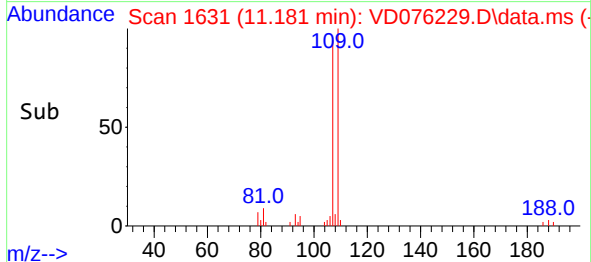
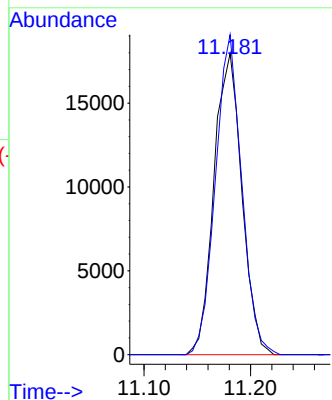
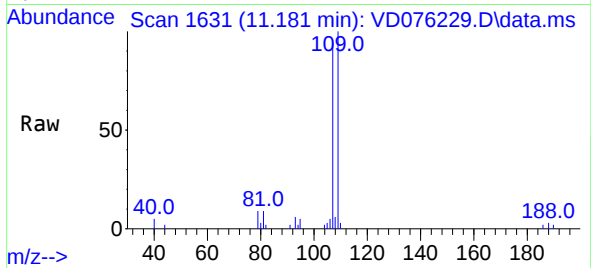




#61
1,2-Dibromoethane
Concen: 20.414 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

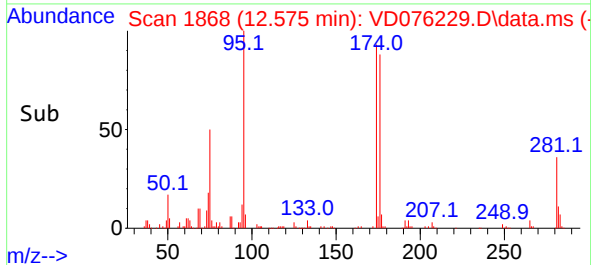
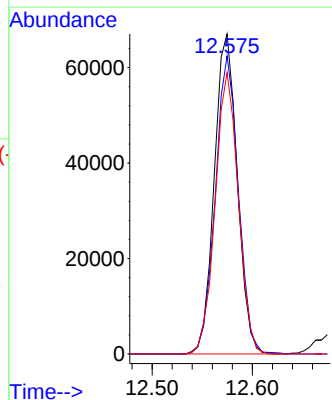
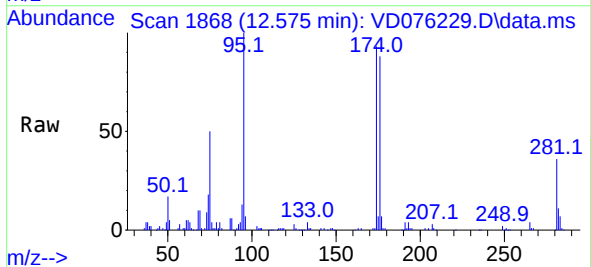
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

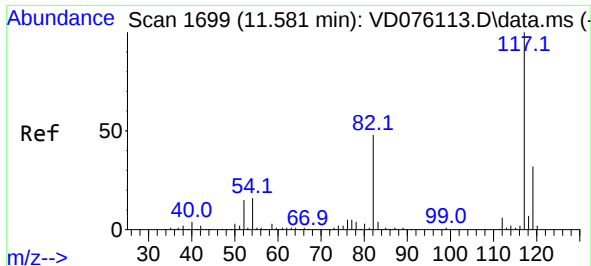
Tgt Ion:107 Resp: 32616
Ion Ratio Lower Upper
107 100
109 100.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.142 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 95 Resp: 106502
Ion Ratio Lower Upper
95 100
174 93.6 0.0 164.0
176 88.3 0.0 156.8

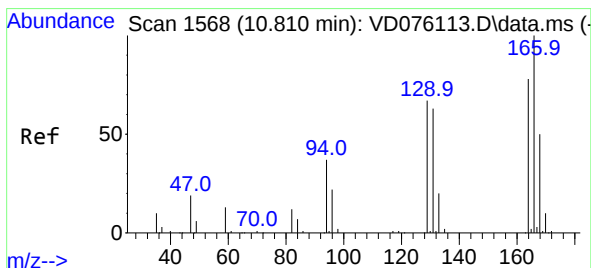
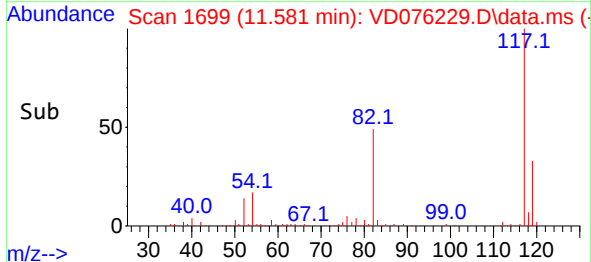
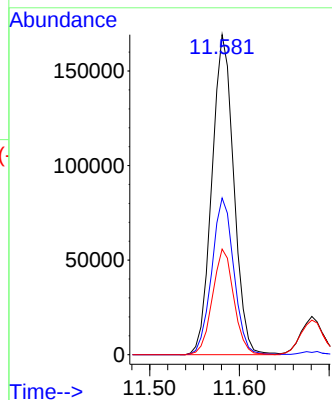
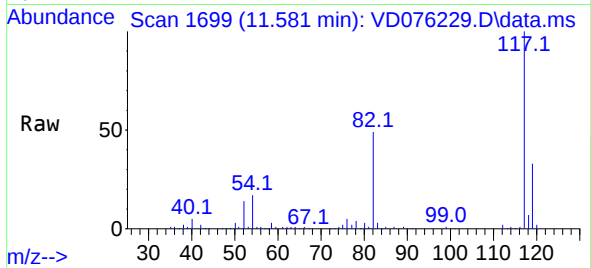




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

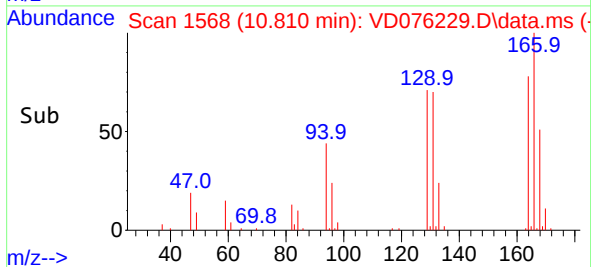
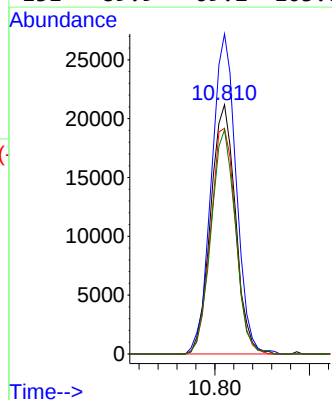
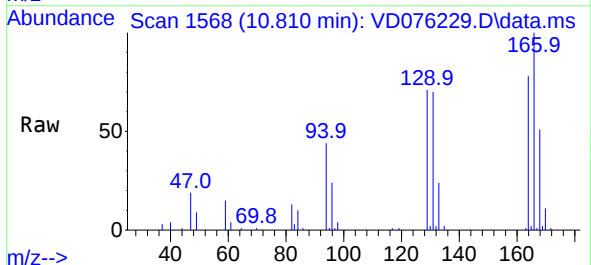
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

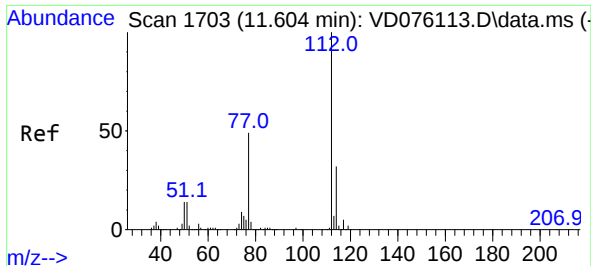
Tgt Ion:117 Resp: 286681
Ion Ratio Lower Upper
117 100
82 48.9 44.0 66.0
119 33.0 25.1 37.7



#64
Tetrachloroethene
Concen: 17.549 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:164 Resp: 38687
Ion Ratio Lower Upper
164 100
166 128.4 94.9 142.3
129 90.6 73.0 109.6
131 89.9 69.2 103.8

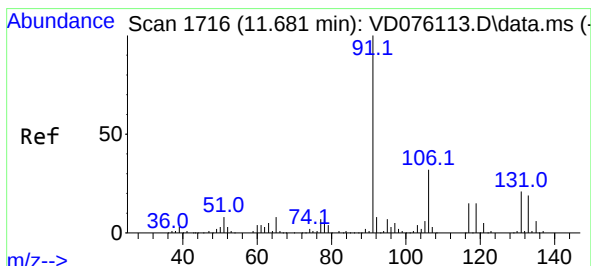
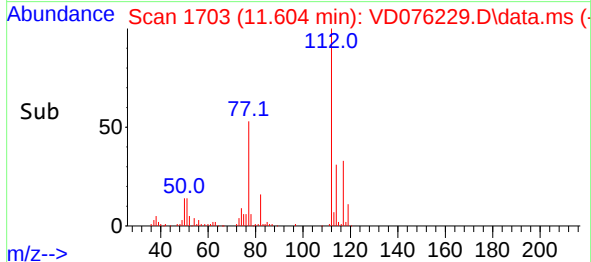
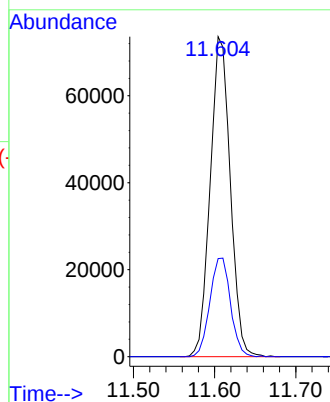
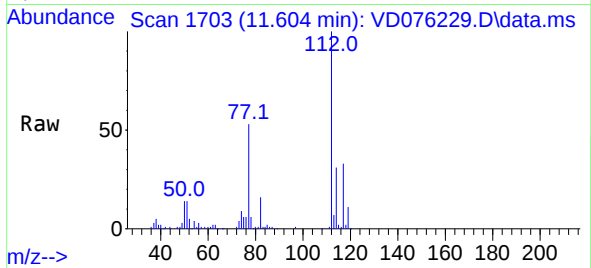




#65
Chlorobenzene
Concen: 19.349 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

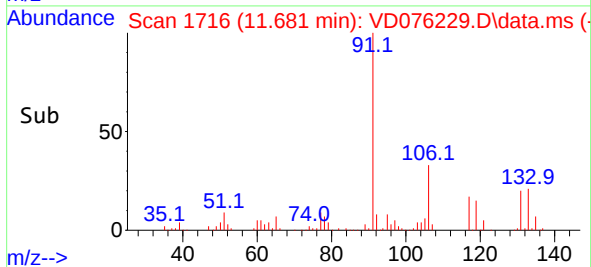
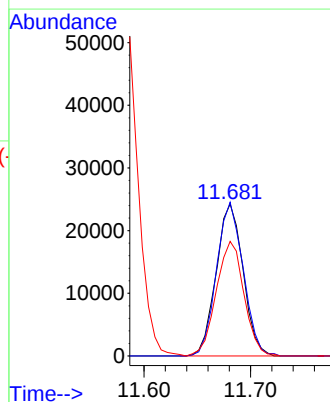
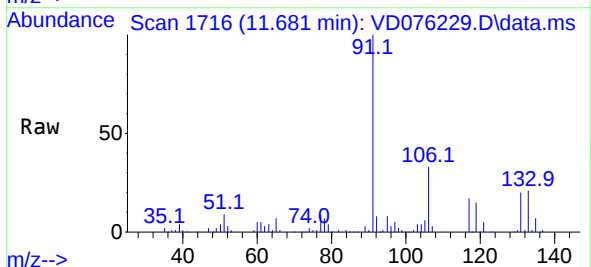
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

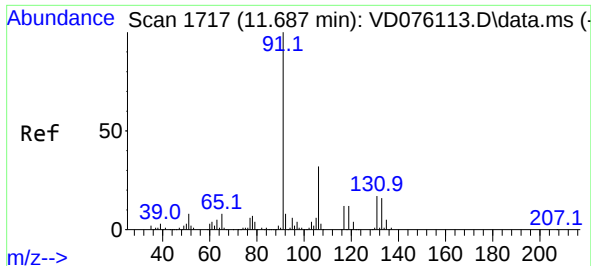
Tgt Ion:112 Resp: 126283
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.915 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:131 Resp: 42484
Ion Ratio Lower Upper
131 100
133 100.4 46.7 140.0
119 77.7 31.9 95.9

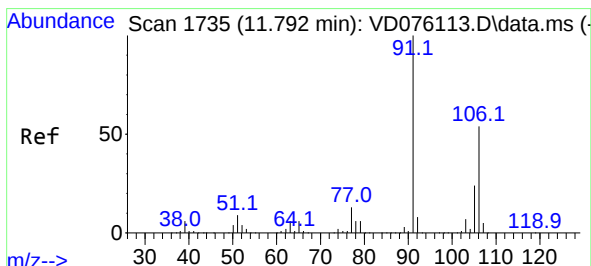
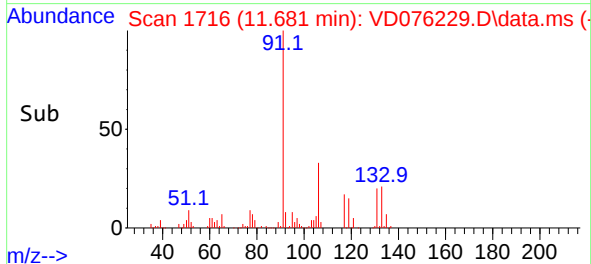
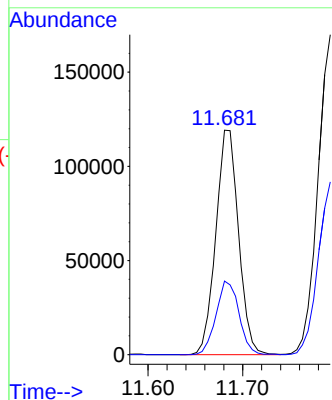
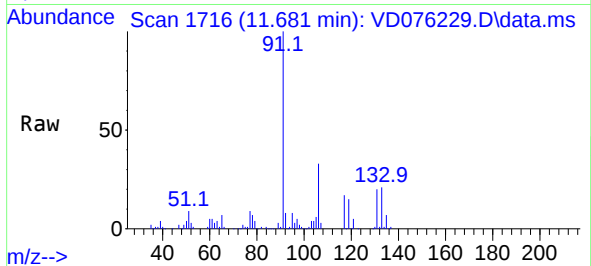




#67
Ethyl Benzene
Concen: 19.086 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

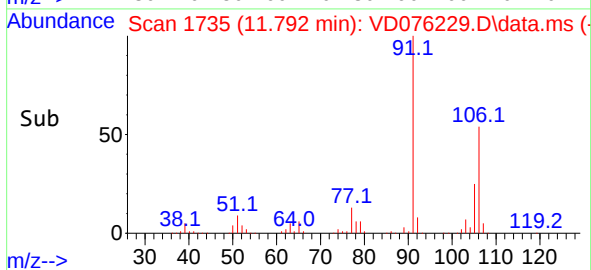
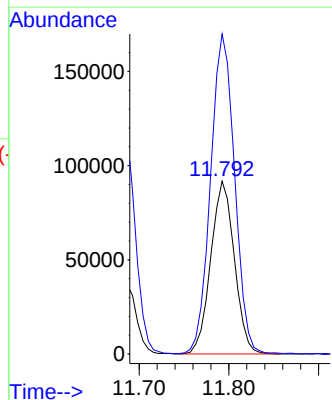
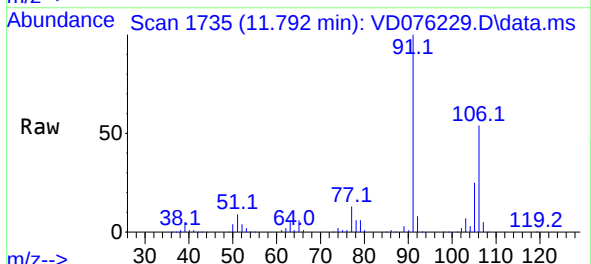
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

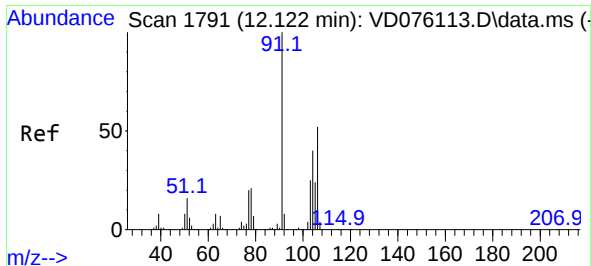
Tgt Ion: 91 Resp: 199048
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



#68
m/p-Xylenes
Concen: 39.326 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 106 Resp: 167617
Ion Ratio Lower Upper
106 100
91 189.0 161.5 242.3

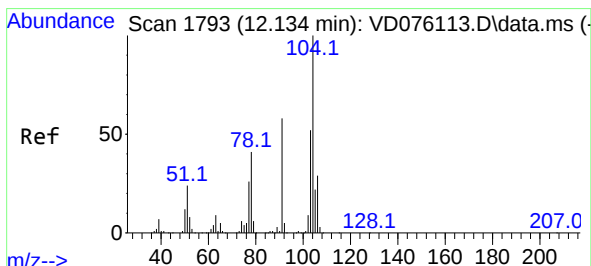
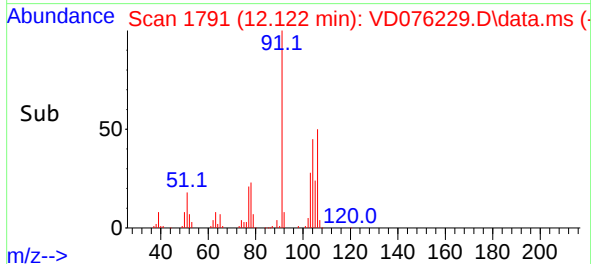
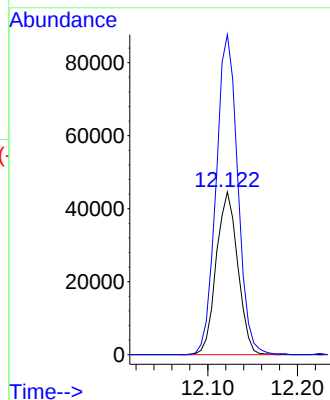
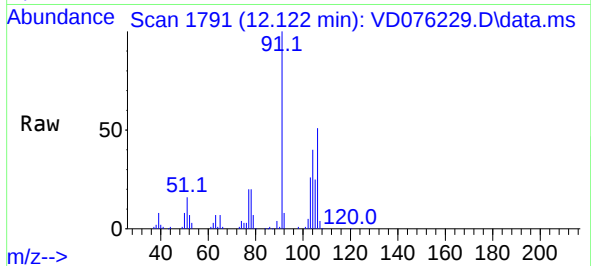




#69
o-Xylene
Concen: 19.106 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

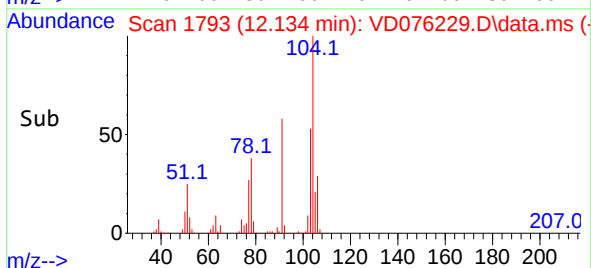
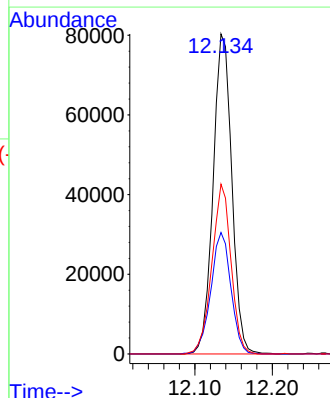
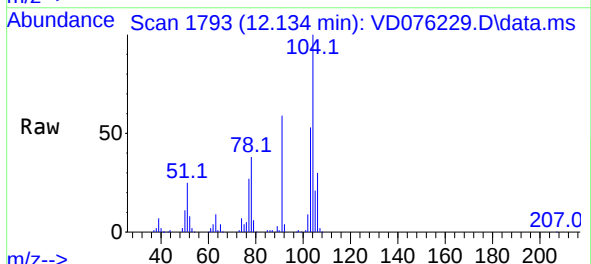
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

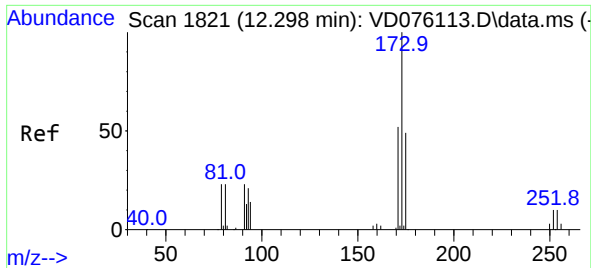
Tgt Ion:106 Resp: 74305
Ion Ratio Lower Upper
106 100
91 197.9 105.7 317.1



#70
Styrene
Concen: 19.943 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:104 Resp: 134475
Ion Ratio Lower Upper
104 100
78 40.9 40.2 60.4
103 54.2 44.2 66.2

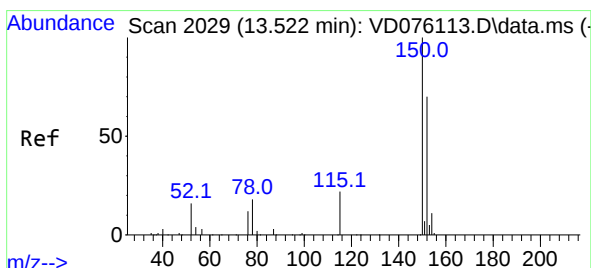
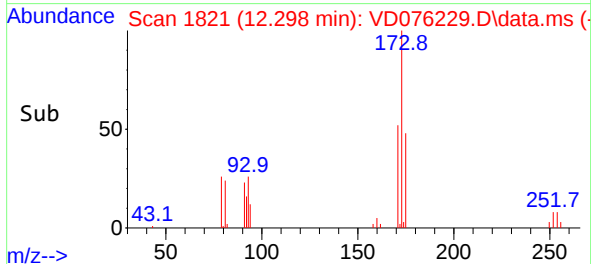
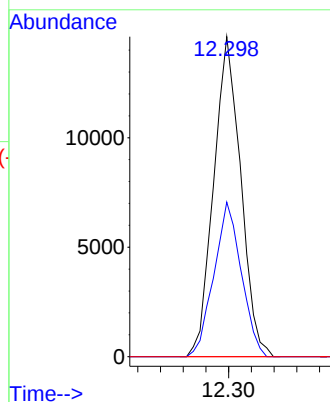
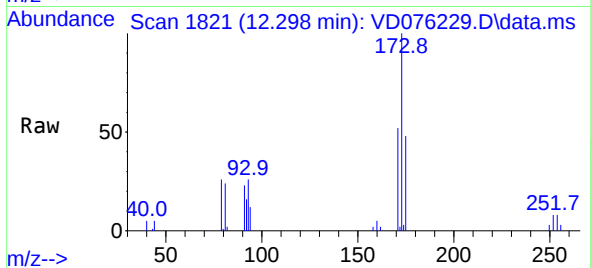




#71
Bromoform
Concen: 19.118 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

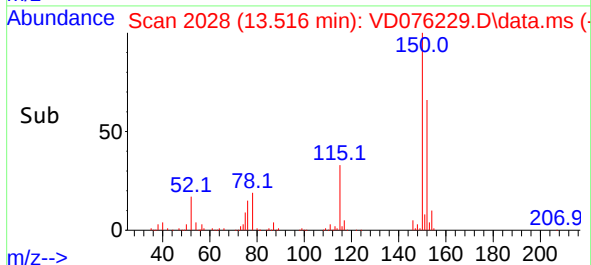
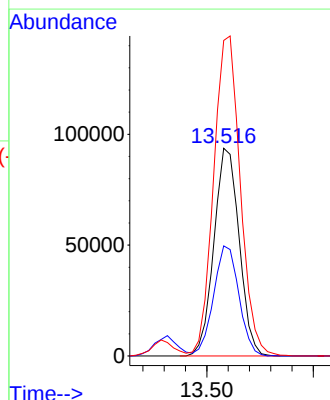
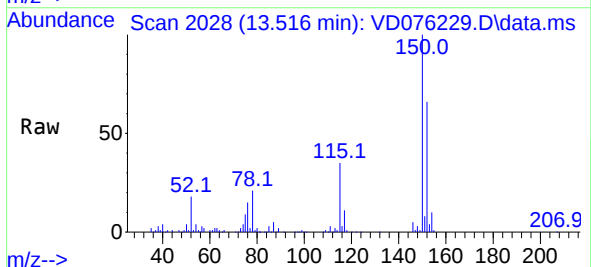
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

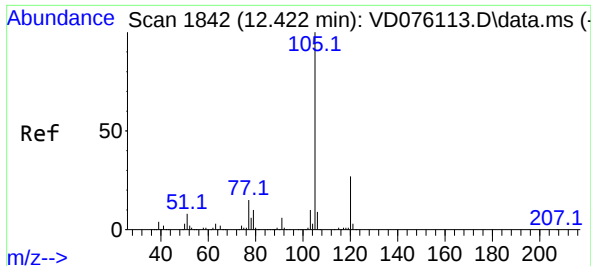
Tgt Ion:	173	Resp:	24153
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:	152	Resp:	154130
Ion Ratio	Lower	Upper	
152	100		
115	53.1	30.1	90.3
150	162.8	0.0	364.8

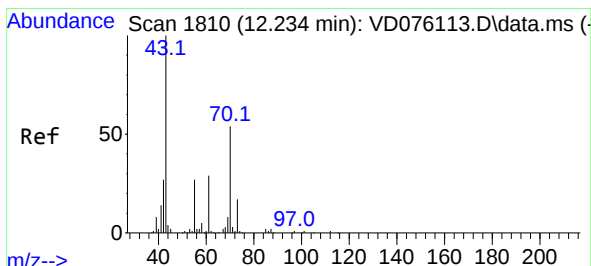
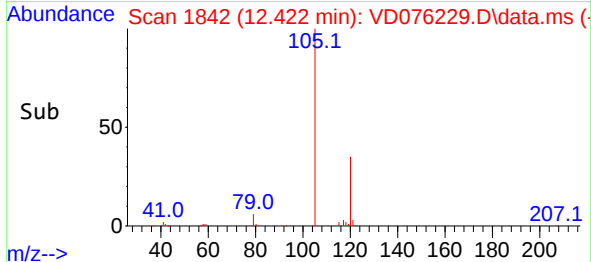
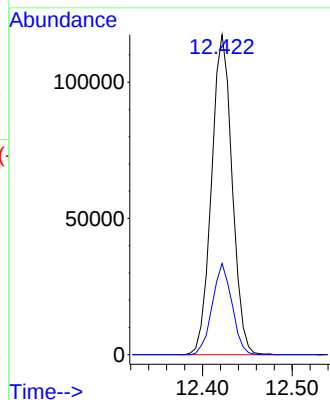
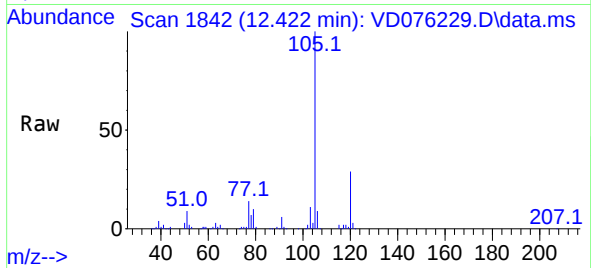




#73
Isopropylbenzene
Concen: 18.366 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

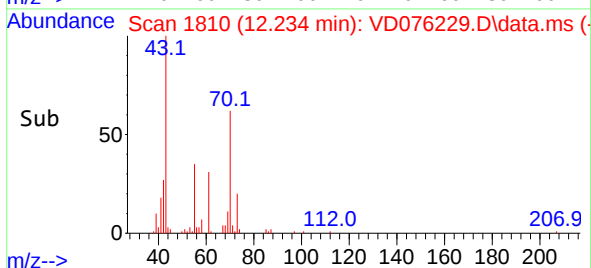
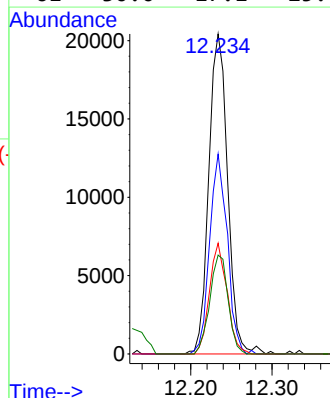
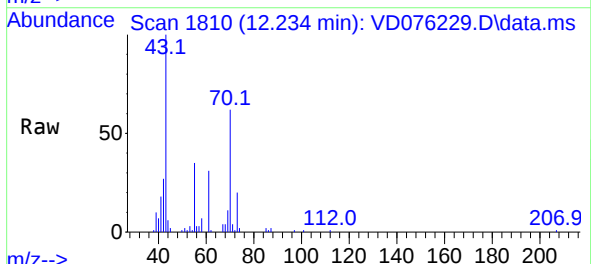
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

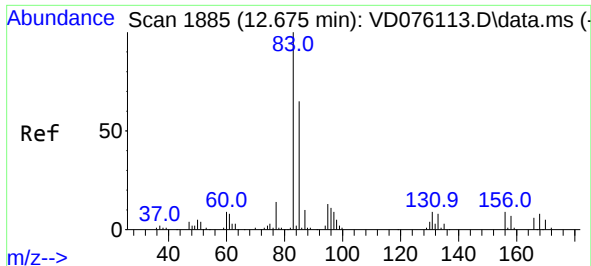
Tgt Ion:105 Resp: 187259
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 18.144 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 43 Resp: 32951
Ion Ratio Lower Upper
43 100
70 58.6 31.0 46.4#
55 32.4 18.6 28.0#
61 30.0 17.1 25.7#

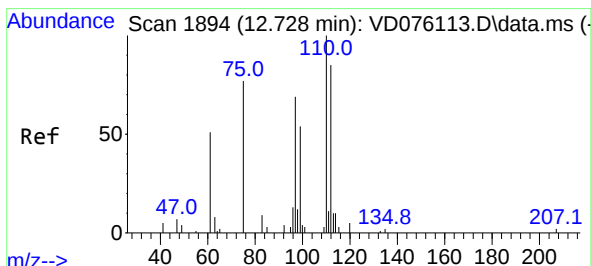
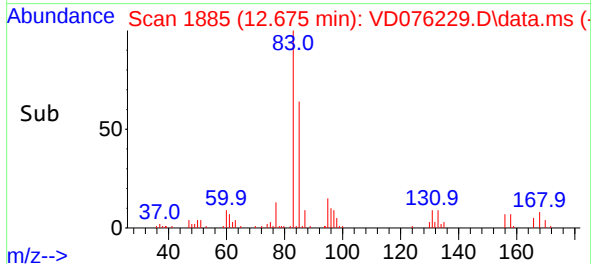
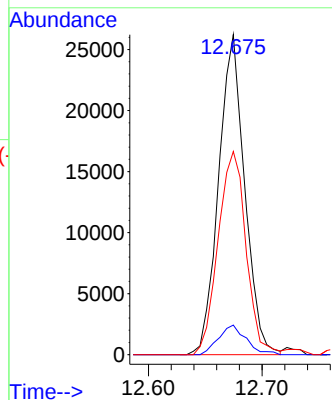
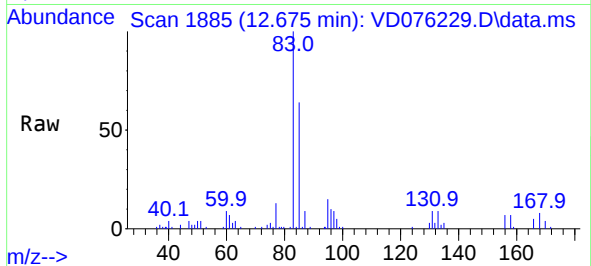




#75
1,1,2,2-Tetrachloroethane
Concen: 19.090 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

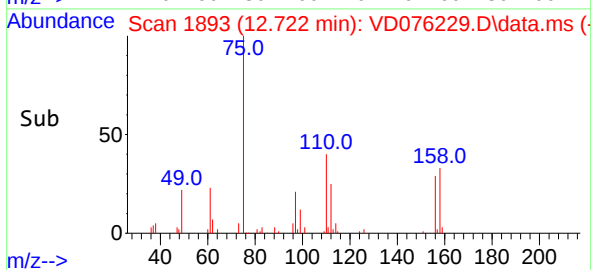
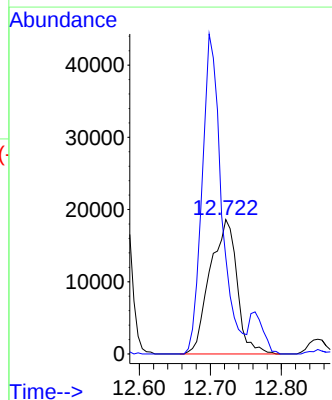
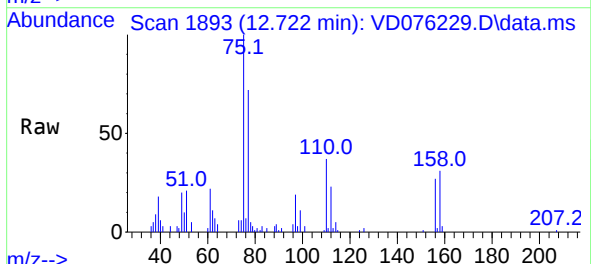
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

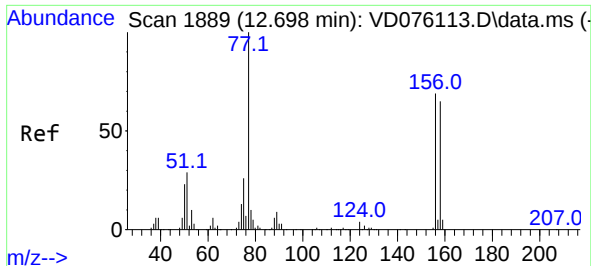
Tgt Ion: 83 Resp: 41832
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 67.8 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 36.378 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 75 Resp: 49066
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

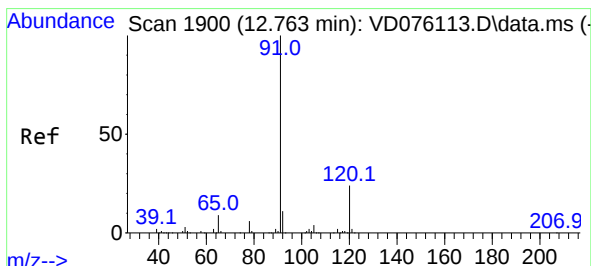
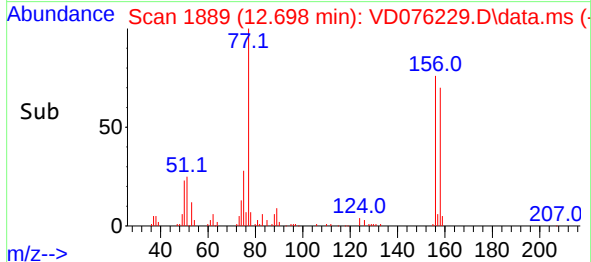
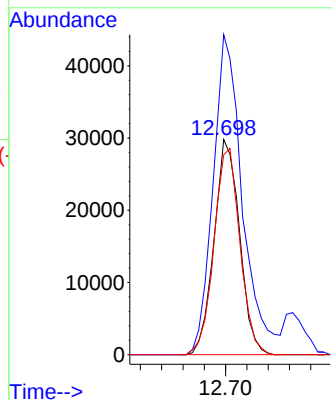
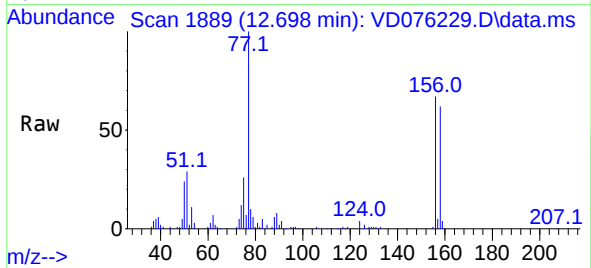




#77
Bromobenzene
Concen: 18.119 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

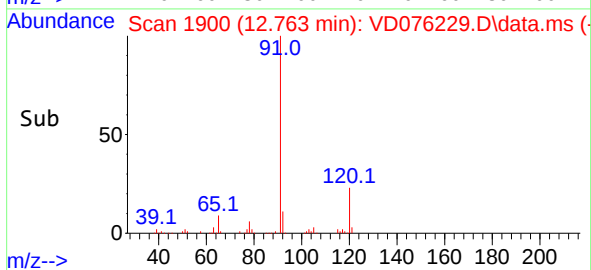
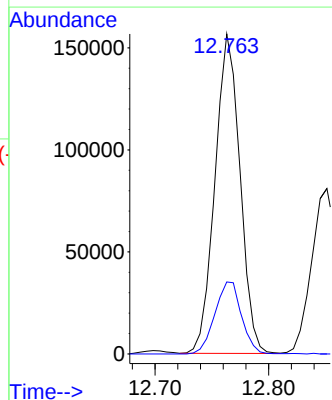
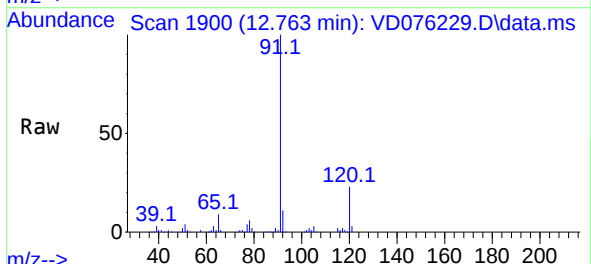
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

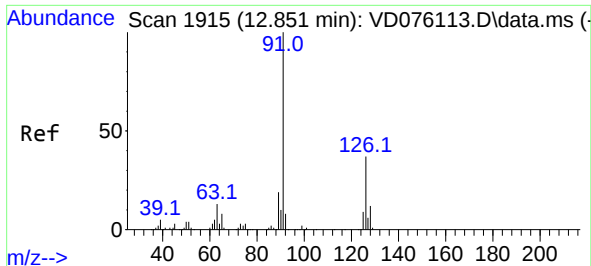
Tgt Ion:156 Resp: 49515
Ion Ratio Lower Upper
156 100
77 171.1 89.5 268.6
158 97.6 47.8 143.4



#78
n-propylbenzene
Concen: 18.896 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 91 Resp: 239815
Ion Ratio Lower Upper
91 100
120 24.0 11.4 34.2

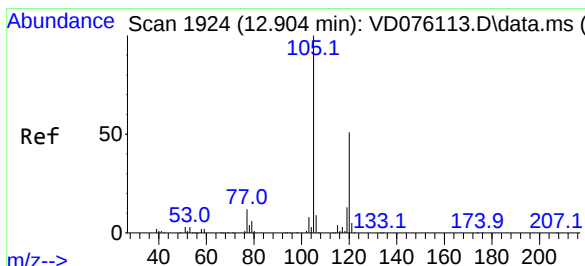
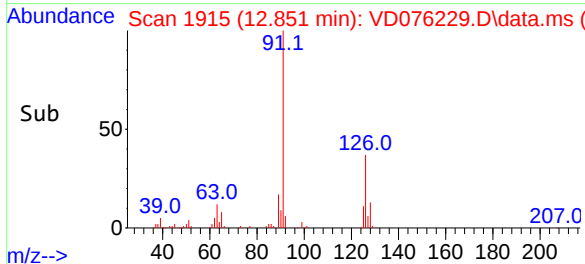
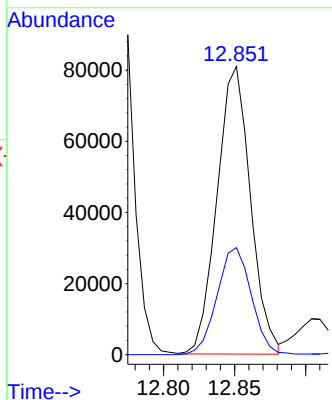
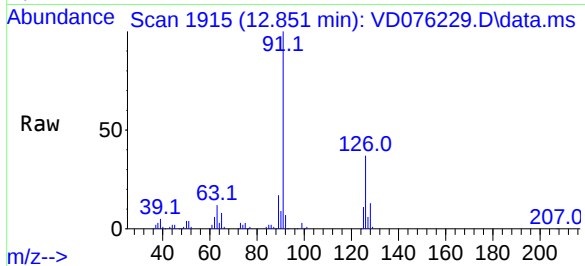




#79
2-Chlorotoluene
Concen: 18.874 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

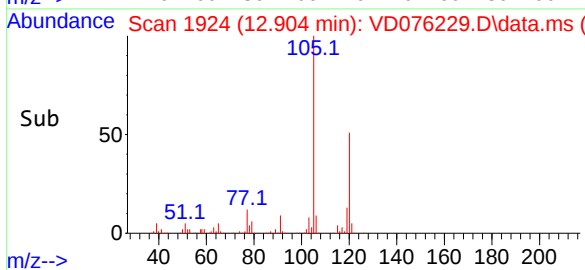
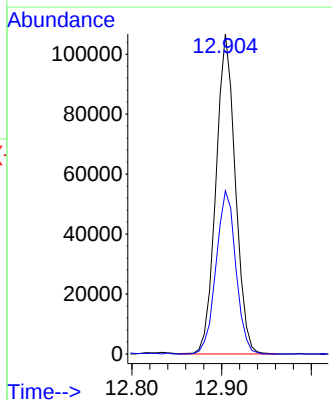
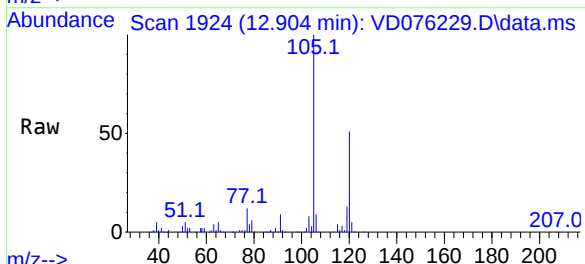
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

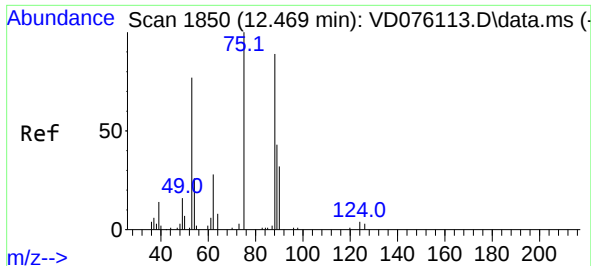
Tgt Ion: 91 Resp: 132566
Ion Ratio Lower Upper
91 100
126 38.3 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 18.947 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 105 Resp: 160146
Ion Ratio Lower Upper
105 100
120 51.9 24.3 72.8

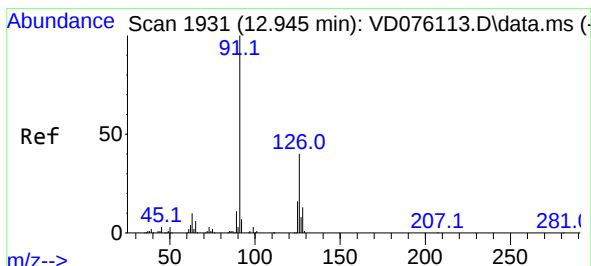
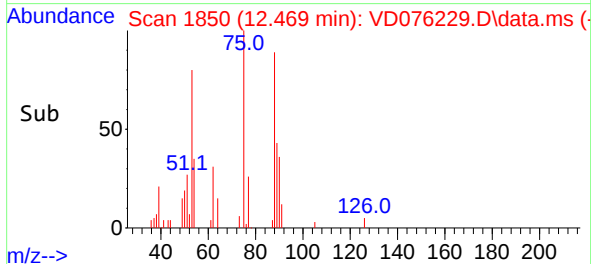
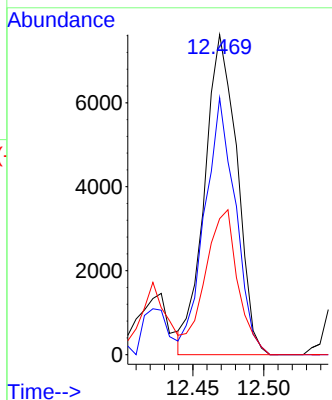
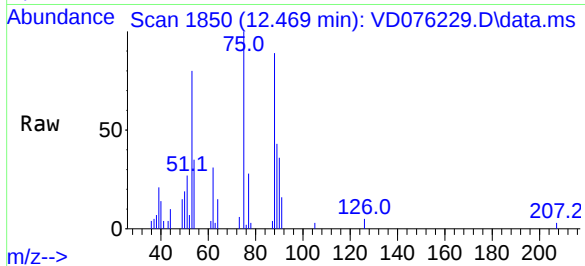




#81
trans-1,4-Dichloro-2-butene
Concen: 18.814 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

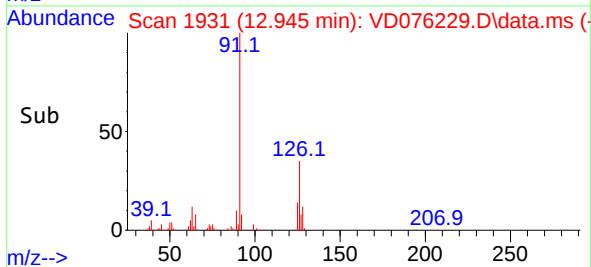
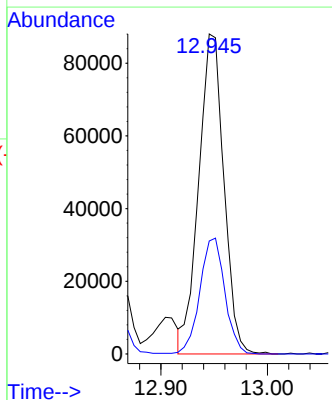
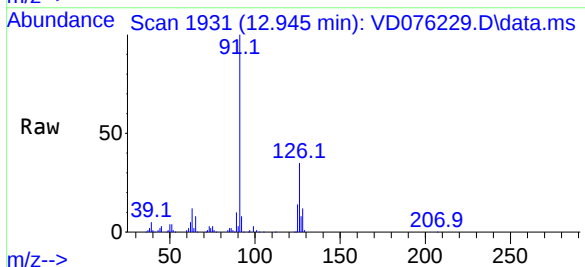
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

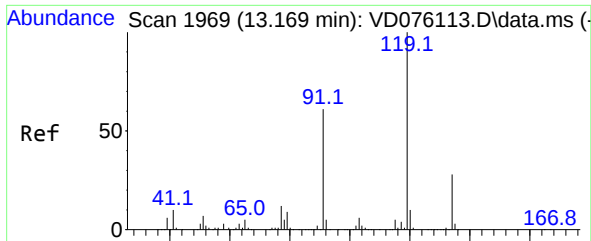
Tgt Ion: 75 Resp: 12096
Ion Ratio Lower Upper
75 100
53 76.4 90.5 135.7#
89 46.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.350 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 91 Resp: 144563
Ion Ratio Lower Upper
91 100
126 35.9 17.1 51.2

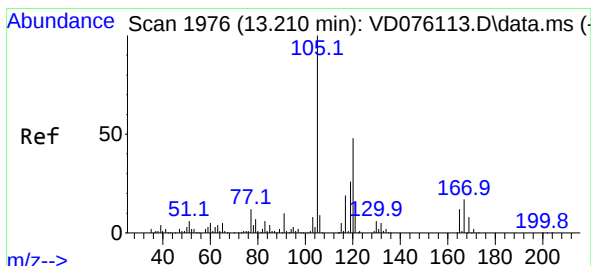
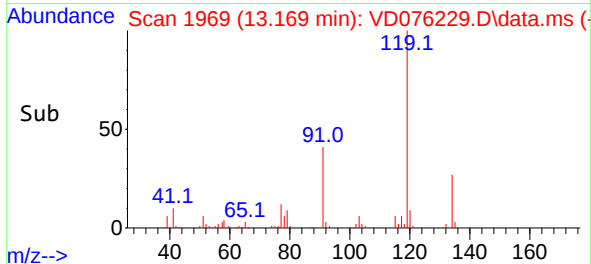
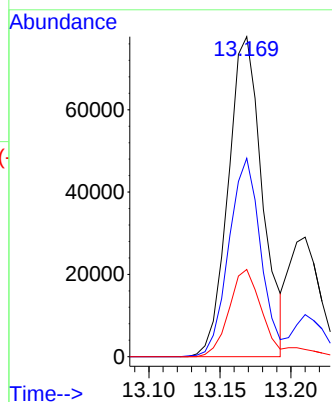
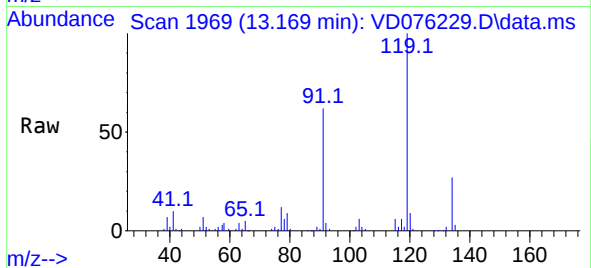




#83
tert-Butylbenzene
Concen: 18.209 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

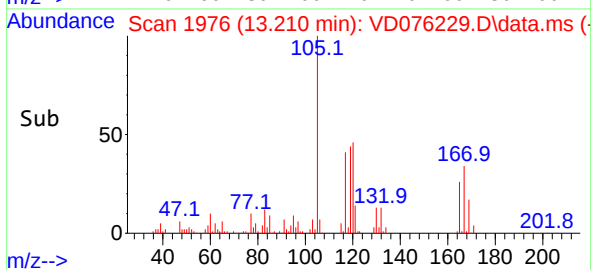
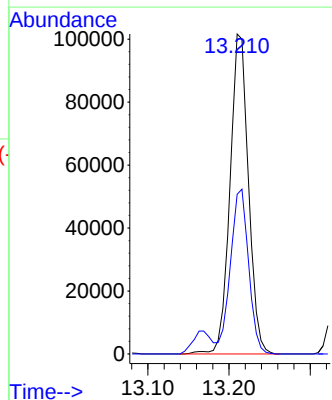
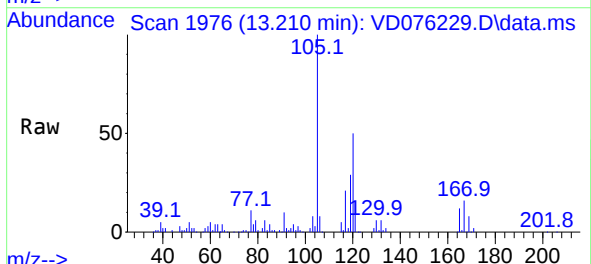
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

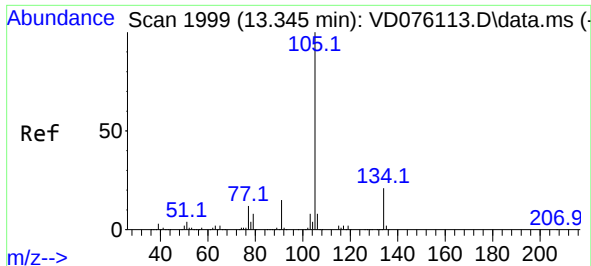
Tgt Ion:119 Resp: 130074
Ion Ratio Lower Upper
119 100
91 57.9 32.4 97.0
134 27.9 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 19.028 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:105 Resp: 160165
Ion Ratio Lower Upper
105 100
120 51.1 22.3 66.9

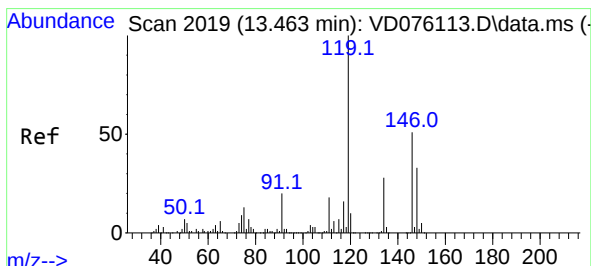
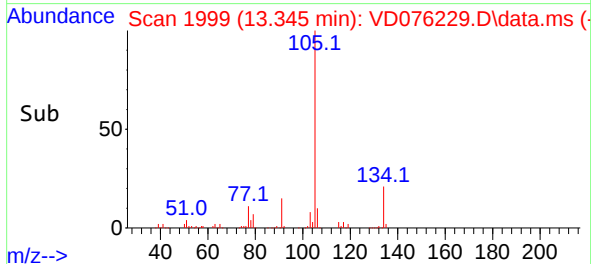
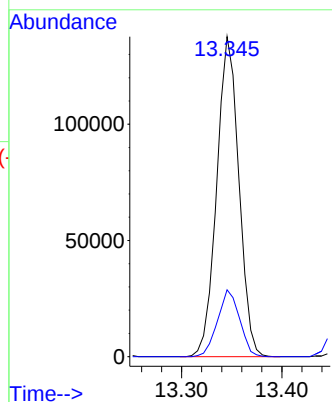
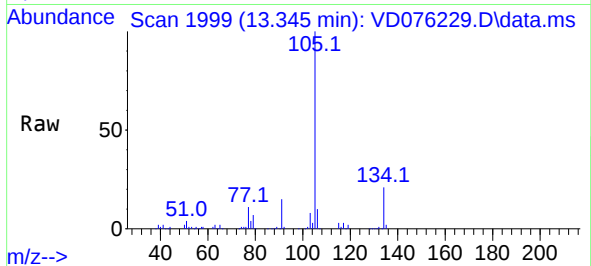




#85
sec-Butylbenzene
Concen: 18.943 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

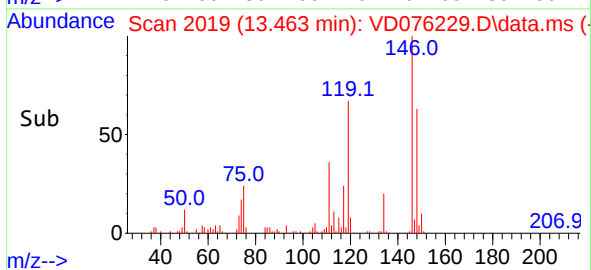
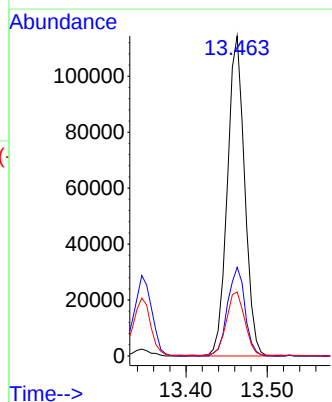
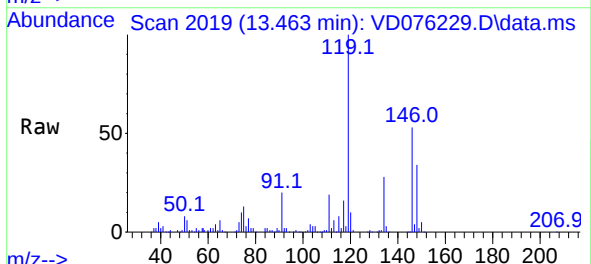
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

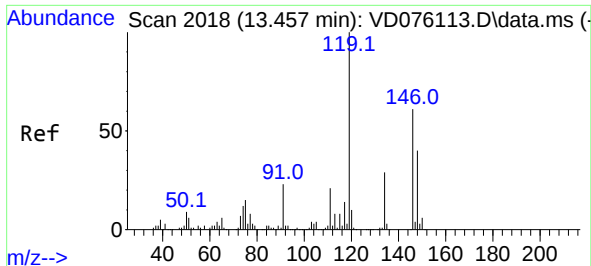
Tgt Ion:105 Resp: 210883
Ion Ratio Lower Upper
105 100
134 20.8 9.9 29.7



#86
p-Isopropyltoluene
Concen: 18.540 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:119 Resp: 168885
Ion Ratio Lower Upper
119 100
134 28.0 13.1 39.3
91 21.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.806 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBS01

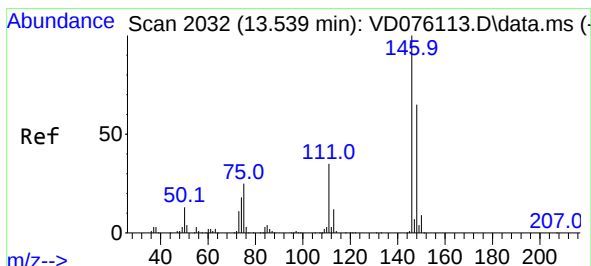
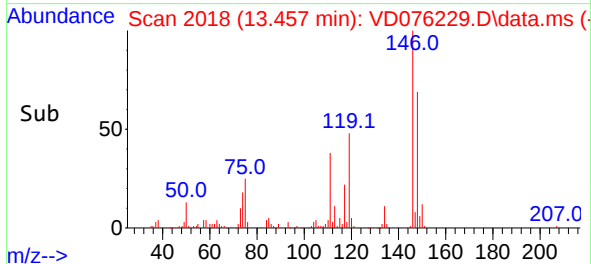
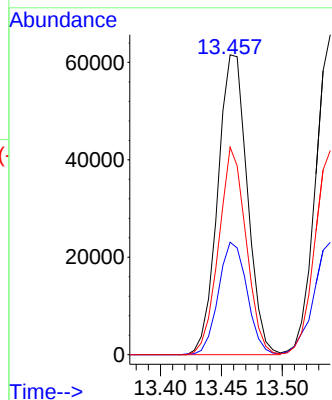
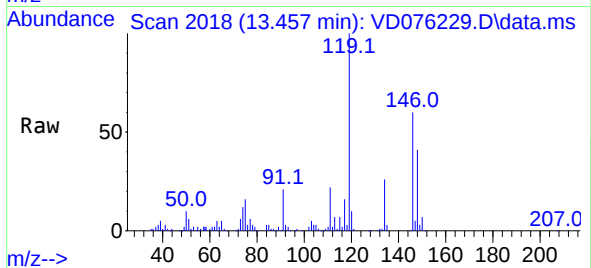
Tgt Ion:146 Resp: 103910

Ion Ratio Lower Upper

146 100

111 36.4 19.8 59.3

148 64.2 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 18.966 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

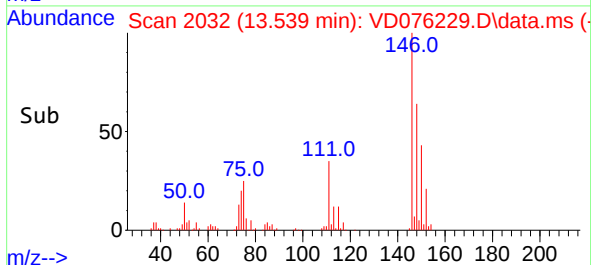
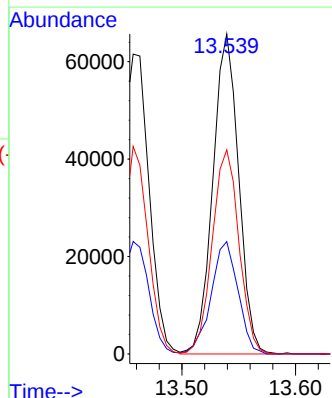
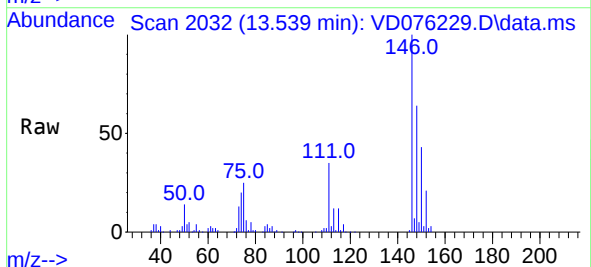
Tgt Ion:146 Resp: 103766

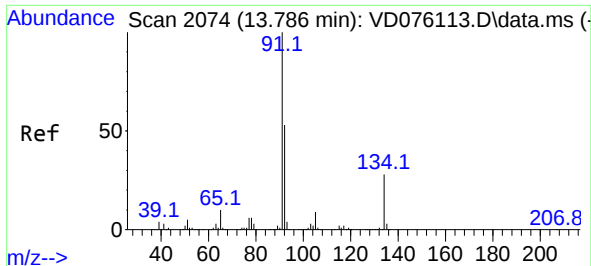
Ion Ratio Lower Upper

146 100

111 36.7 19.6 58.8

148 66.0 31.7 95.1

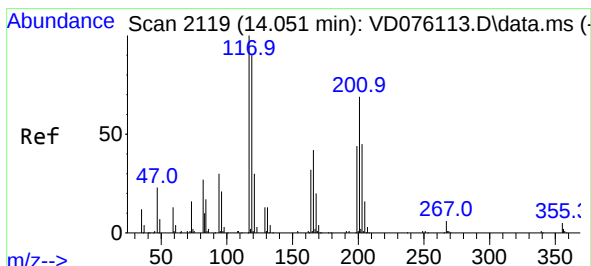
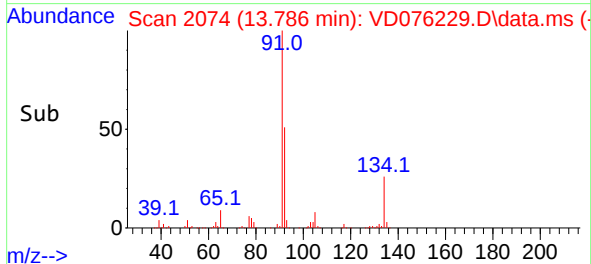
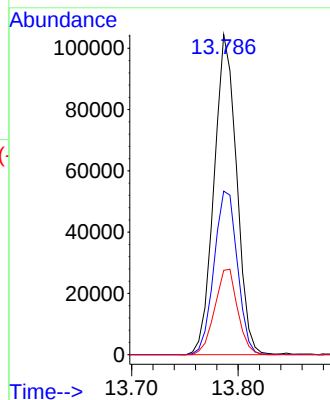
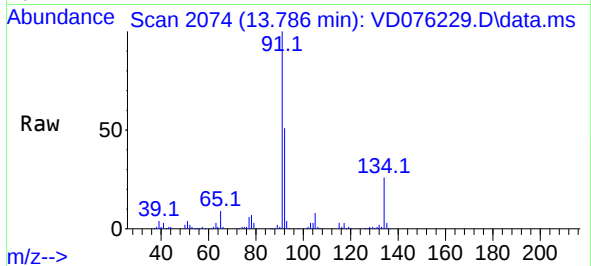




#89
n-Butylbenzene
Concen: 17.945 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

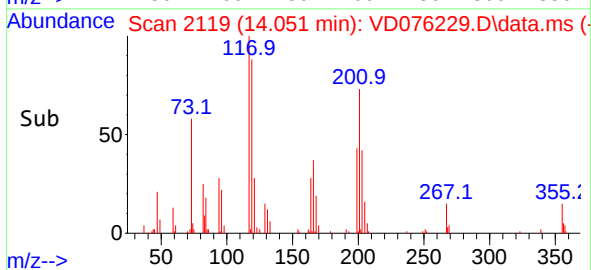
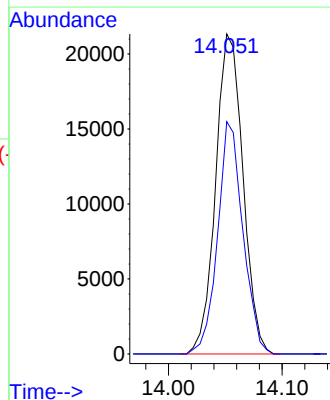
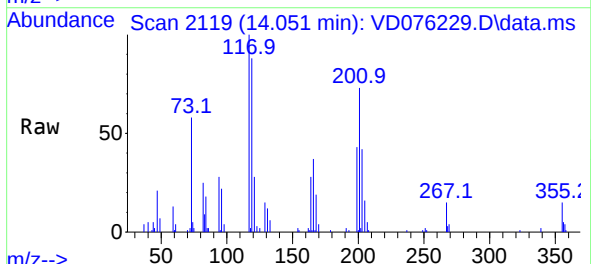
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

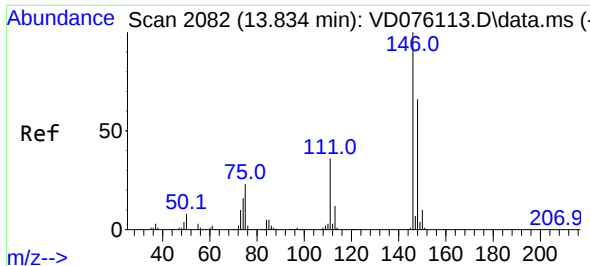
Tgt Ion: 91 Resp: 154042
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 27.0 12.7 38.0



#90
Hexachloroethane
Concen: 19.038 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion: 117 Resp: 35671
Ion Ratio Lower Upper
117 100
201 67.1 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 18.998 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076229.D

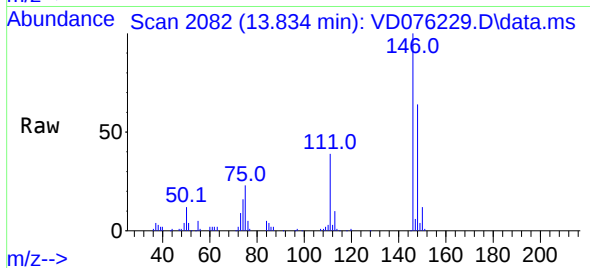
Acq: 25 May 2023 13:12

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBS01



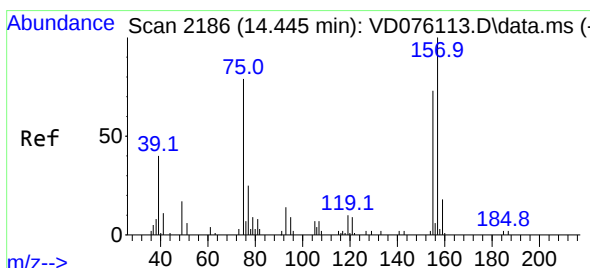
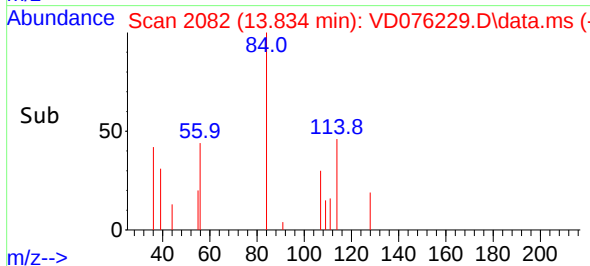
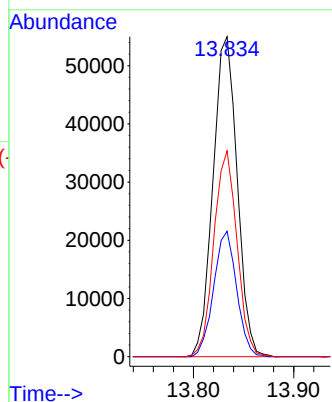
Tgt Ion:146 Resp: 92119

Ion Ratio Lower Upper

146 100

111 37.3 20.6 61.8

148 61.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.486 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076229.D

Acq: 25 May 2023 13:12

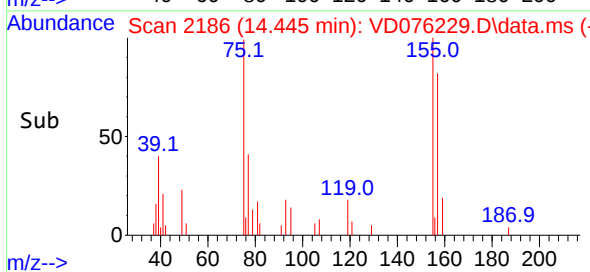
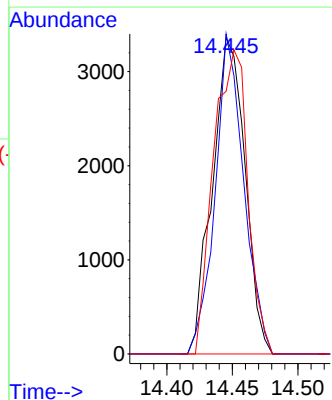
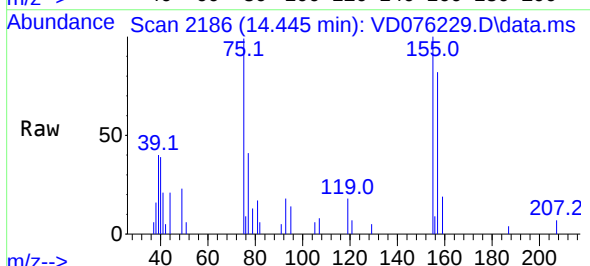
Tgt Ion: 75 Resp: 5829

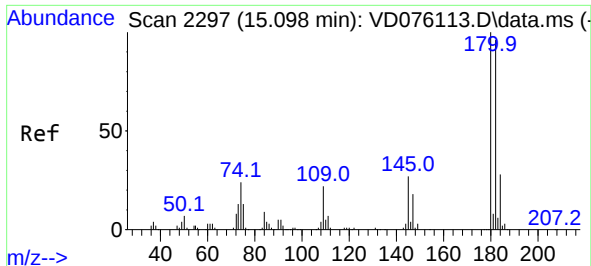
Ion Ratio Lower Upper

75 100

155 88.4 39.5 118.5

157 100.8 53.5 160.7

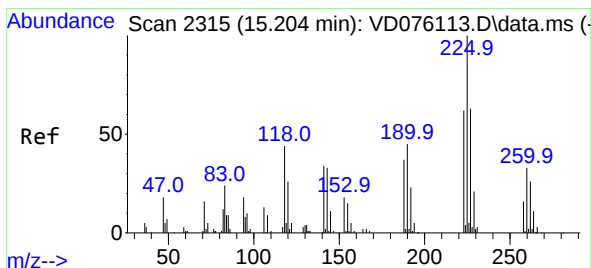
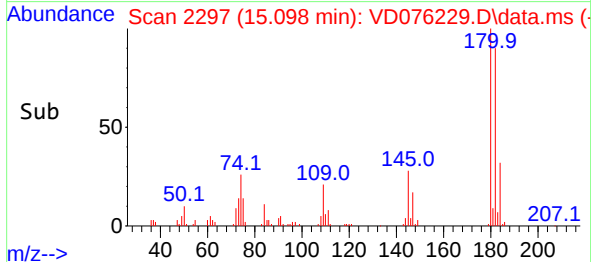
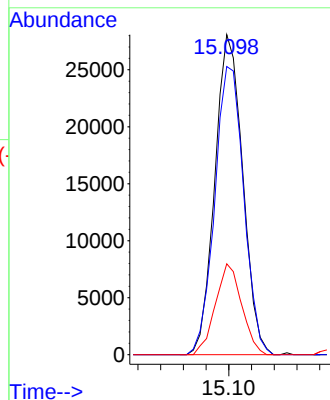
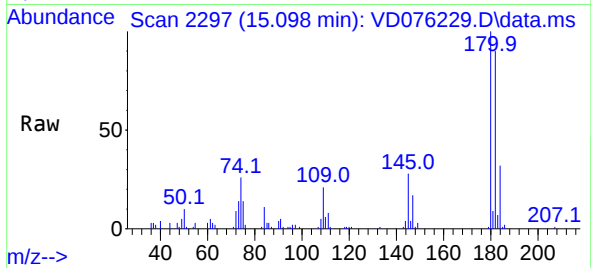




#93
1,2,4-Trichlorobenzene
Concen: 16.946 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

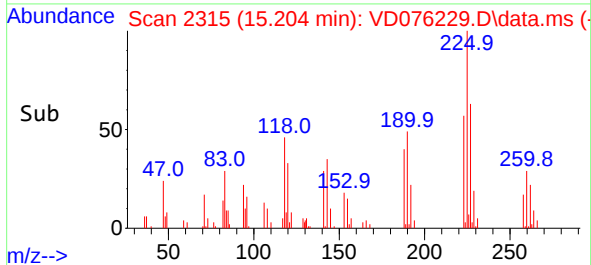
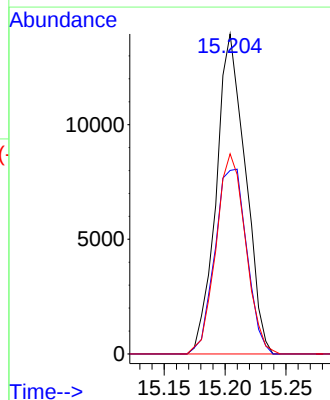
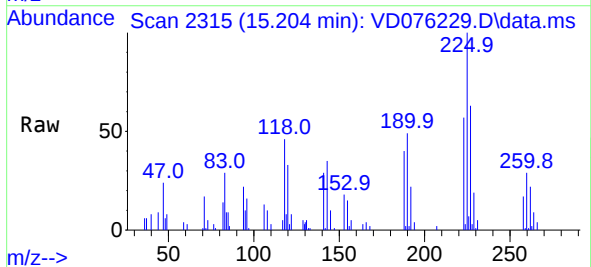
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

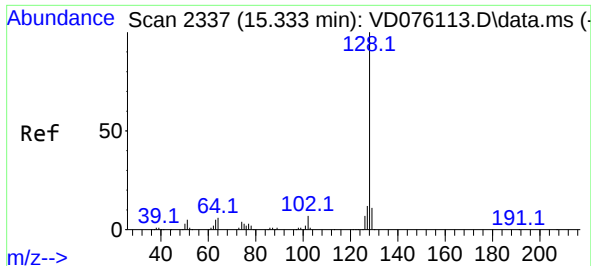
Tgt Ion:180 Resp: 47797
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.7
145 26.9 15.9 47.7



#94
Hexachlorobutadiene
Concen: 16.198 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:225 Resp: 23294
Ion Ratio Lower Upper
225 100
223 63.1 33.1 99.2
227 63.4 31.9 95.9

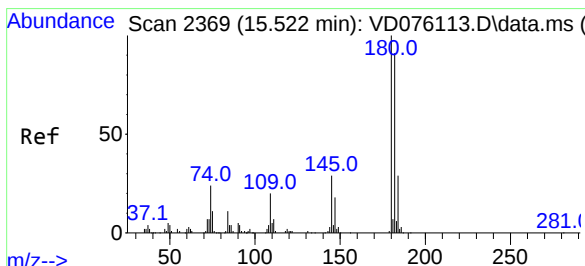
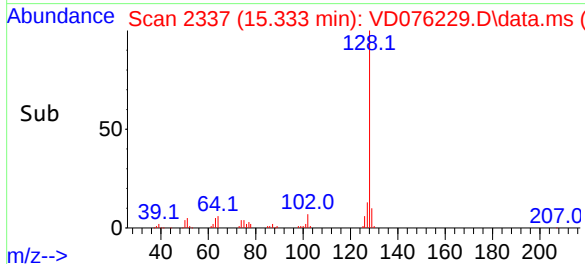
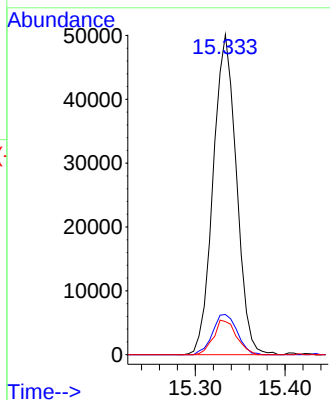
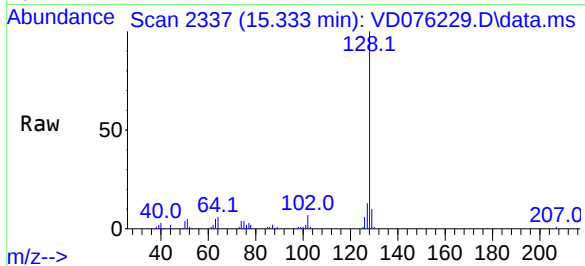




#95
Naphthalene
Concen: 17.222 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

Tgt Ion:	128	Resp:	90254
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.683 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD076229.D
Acq: 25 May 2023 13:12

Tgt Ion:	180	Resp:	42794
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.7	143.1
145	30.8	16.4	49.4

