

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076171.D
 Acq On : 22 May 2023 12:24
 Operator : KP/SY
 Sample : VD0522SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

Quant Time: May 22 14:21:44 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	210704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	362958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	334681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95184	46.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.480%		
35) Dibromofluoromethane	7.805	113	113537	45.255	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.500%		
50) Toluene-d8	10.269	98	441565	45.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.300%		
62) 4-Bromofluorobenzene	12.575	95	124599	45.863	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	39703	20.893	ug/l	94
3) Chloromethane	2.146	50	74247	21.236	ug/l	92
4) Vinyl Chloride	2.281	62	91486	22.323	ug/l	100
5) Bromomethane	2.675	94	59109	21.423	ug/l	99
6) Chloroethane	2.828	64	62589	22.700	ug/l	97
7) Trichlorofluoromethane	3.170	101	71885	20.694	ug/l	98
8) Diethyl Ether	3.587	74	22587	19.772	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.969	101	46577	20.356	ug/l	96
10) Methyl Iodide	4.152	142	52681	22.143	ug/l #	88
11) Tert butyl alcohol	5.064	59	11192	103.897	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	44826	19.684	ug/l	91
13) Acrolein	3.793	56	22682	86.034	ug/l	95
14) Allyl chloride	4.558	41	45787	19.811	ug/l #	80
15) Acrylonitrile	5.258	53	46615	98.553	ug/l	98
16) Acetone	4.022	43	40686	100.418	ug/l #	83
17) Carbon Disulfide	4.264	76	132047	19.733	ug/l	97
18) Methyl Acetate	4.558	43	29488	20.403	ug/l #	81
19) Methyl tert-butyl Ether	5.311	73	89339	20.043	ug/l	98
20) Methylene Chloride	4.799	84	69606	15.165	ug/l #	76
21) trans-1,2-Dichloroethene	5.311	96	51157	19.491	ug/l #	78
22) Diisopropyl ether	6.211	45	111751	20.831	ug/l #	96
23) Vinyl Acetate	6.152	43	247379	117.279	ug/l #	93
24) 1,1-Dichloroethane	6.111	63	85259	20.152	ug/l #	97
25) 2-Butanone	7.081	43	53438	104.895	ug/l #	84
26) 2,2-Dichloropropane	7.069	77	71847	20.826	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	57174	19.631	ug/l	85
28) Bromochloromethane	7.422	49	28339	20.089	ug/l #	65
29) Tetrahydrofuran	7.452	42	31000	104.400	ug/l #	69
30) Chloroform	7.593	83	90478	19.998	ug/l	100
31) Cyclohexane	7.875	56	62472	20.031	ug/l #	80
32) 1,1,1-Trichloroethane	7.787	97	72914	20.222	ug/l	99
36) 1,1-Dichloropropene	8.005	75	66335	19.578	ug/l	95
37) Ethyl Acetate	7.163	43	22146	18.875	ug/l #	87
38) Carbon Tetrachloride	7.993	117	58107	18.986	ug/l	98
39) Methylcyclohexane	9.275	83	71341	18.288	ug/l	97
40) Benzene	8.246	78	202661	18.604	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.446	41	28057	43.611	ug/l #	39
42) 1,2-Dichloroethane	8.328	62	50202	19.484	ug/l	93
43) Isopropyl Acetate	8.357	43	41098	18.751	ug/l #	81
44) Trichloroethene	9.028	130	55413	18.050	ug/l	86
45) 1,2-Dichloropropane	9.304	63	51522	19.175	ug/l	92
46) Dibromomethane	9.393	93	28623	19.004	ug/l	98
47) Bromodichloromethane	9.581	83	68720	18.985	ug/l	94
48) Methyl methacrylate	9.381	41	18078	18.636	ug/l #	60
49) 1,4-Dioxane	9.381	88	5776	358.626	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	110215	94.549	ug/l #	82
52) Toluene	10.334	92	131087	19.267	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	61909	18.976	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	76369	19.182	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	40714	18.851	ug/l	92
56) Ethyl methacrylate	10.599	69	38830	17.886	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	64118	18.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	95902	92.070	ug/l	92
59) 2-Hexanone	10.922	43	78111	95.017	ug/l	79
60) Dibromochloromethane	11.075	129	46467	19.134	ug/l	100
61) 1,2-Dibromoethane	11.181	107	37543	19.541	ug/l	98
64) Tetrachloroethene	10.810	164	44811	17.412	ug/l	95
65) Chlorobenzene	11.604	112	142877	18.752	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	48124	18.353	ug/l	96
67) Ethyl Benzene	11.687	91	226087	18.570	ug/l	95
68) m/p-Xylenes	11.793	106	189290	38.041	ug/l	92
69) o-Xylene	12.122	106	84887	18.696	ug/l	91
70) Styrene	12.134	104	150778	19.154	ug/l	94
71) Bromoform	12.298	173	25736	17.450	ug/l #	97
73) Isopropylbenzene	12.422	105	214579	18.300	ug/l	100
74) N-amyl acetate	12.234	43	36298	17.379	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	48470	19.233	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	54921	35.406	ug/l #	100
77) Bromobenzene	12.704	156	53849	17.134	ug/l	95
78) n-propylbenzene	12.763	91	277992	19.046	ug/l	99
79) 2-Chlorotoluene	12.851	91	148900	18.433	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	184674	18.998	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	13244	17.912	ug/l #	72
82) 4-Chlorotoluene	12.945	91	161601	18.808	ug/l	96
83) tert-Butylbenzene	13.169	119	151666	18.462	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	180507	18.646	ug/l	95
85) sec-Butylbenzene	13.345	105	241151	18.836	ug/l	97
86) p-Isopropyltoluene	13.463	119	198432	18.942	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	116650	18.357	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	117136	18.616	ug/l	98
89) n-Butylbenzene	13.787	91	182566	18.493	ug/l	99
90) Hexachloroethane	14.057	117	40154	18.634	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	101308	18.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5974	18.256	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	52933	16.318	ug/l	97
94) Hexachlorobutadiene	15.204	225	26913	16.273	ug/l	98
95) Naphthalene	15.334	128	97355	16.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	48257	16.358	ug/l	97

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

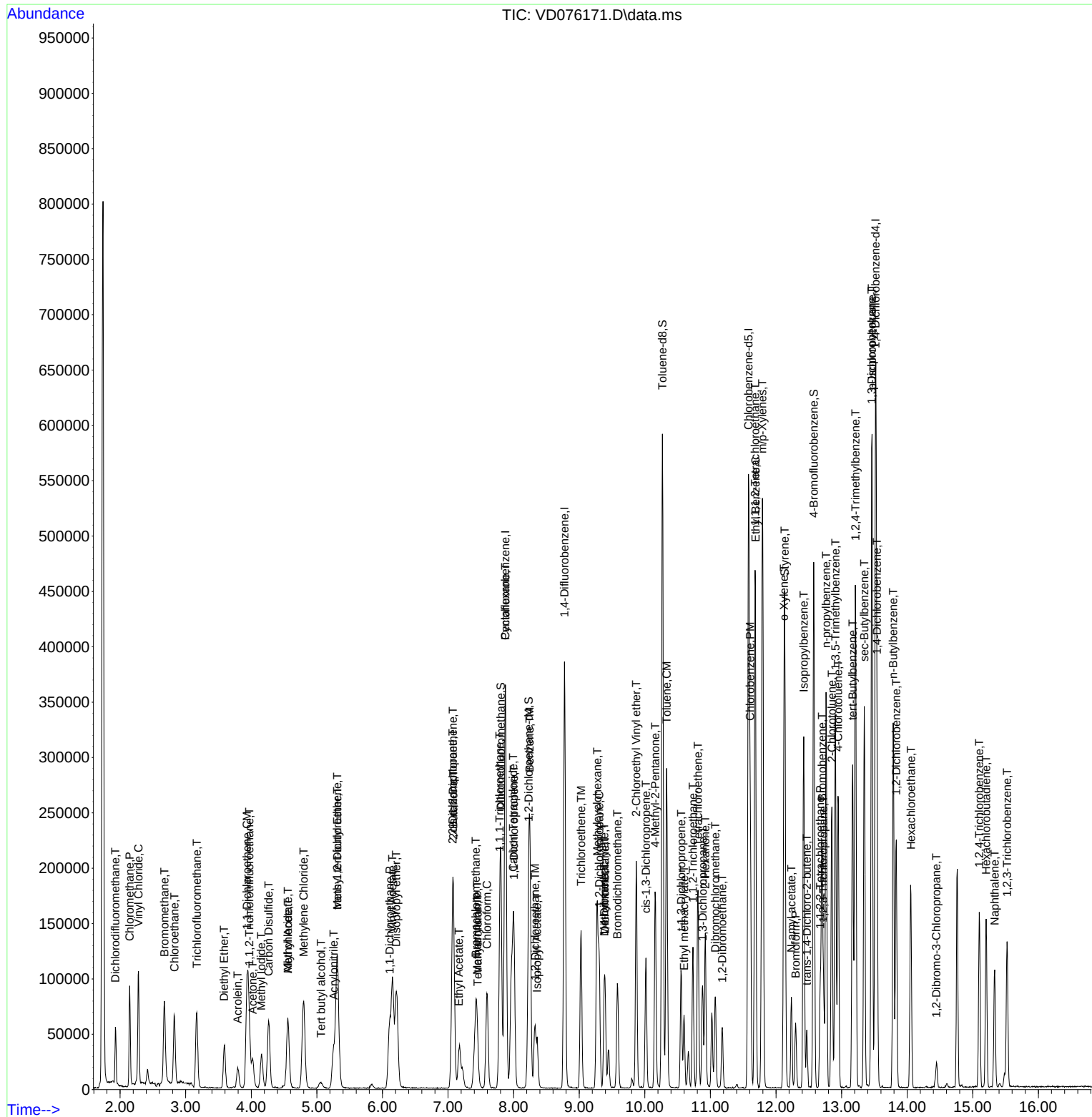
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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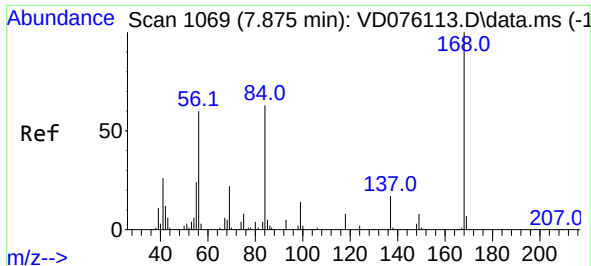
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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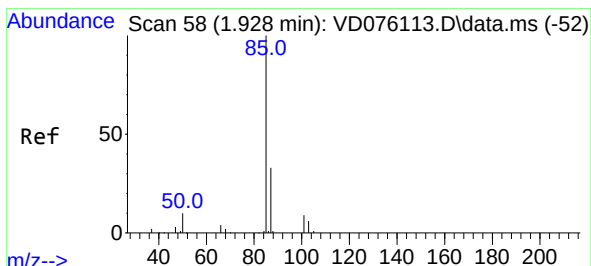
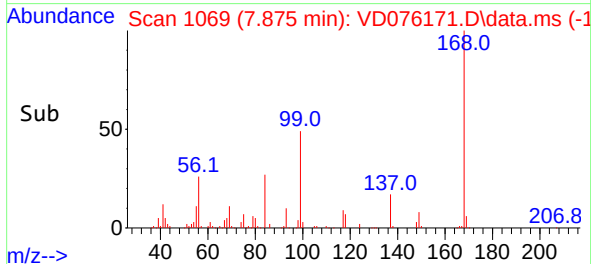
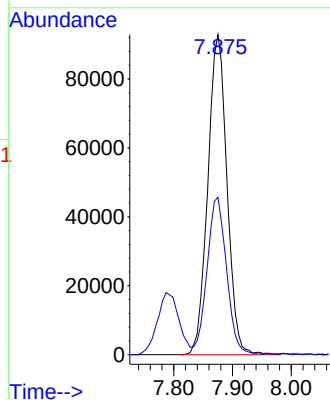
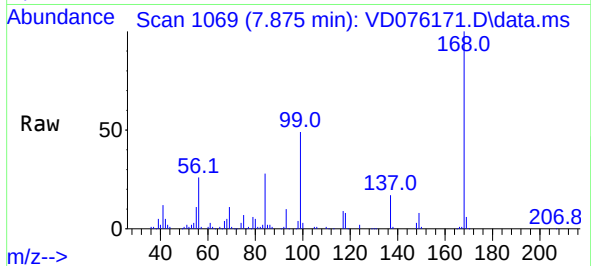




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076171.D
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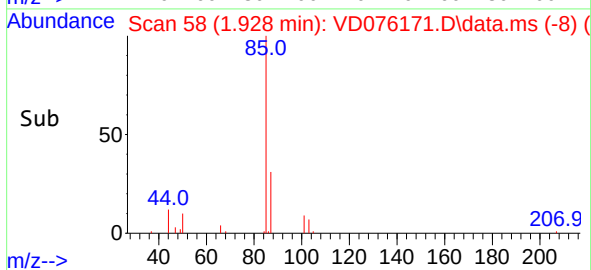
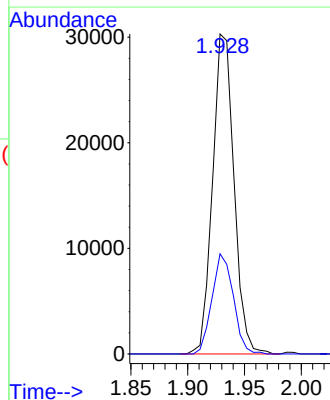
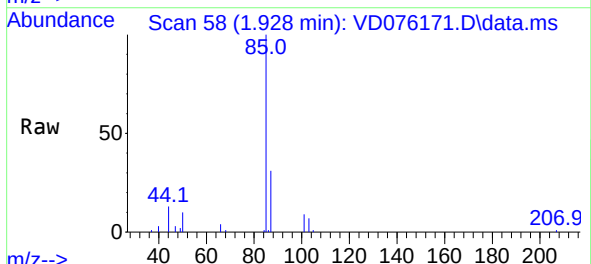
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

Tgt Ion:168 Resp: 210704
Ion Ratio Lower Upper
168 100
99 48.9 43.8 65.6

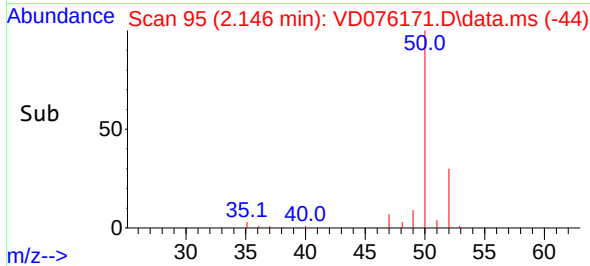
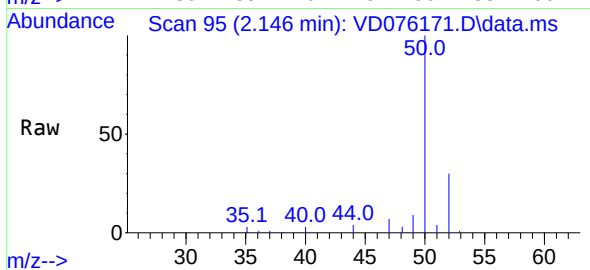
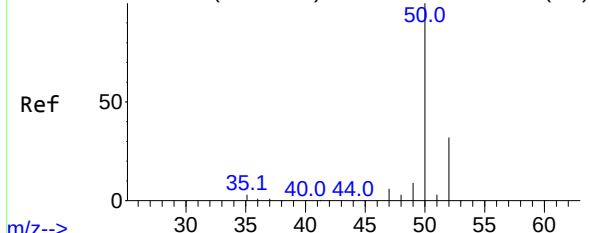


#2
Dichlorodifluoromethane
Concen: 20.893 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 85 Resp: 39703
Ion Ratio Lower Upper
85 100
87 31.3 17.3 51.7



Abundance Scan 95 (2.146 min): VD076113.D\data.ms (-88)



#3

Chloromethane

Concen: 21.236 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD076171.D

Acq: 22 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

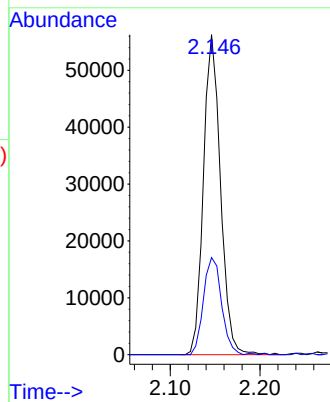
VD0522SBS01

Tgt Ion: 50 Resp: 74247

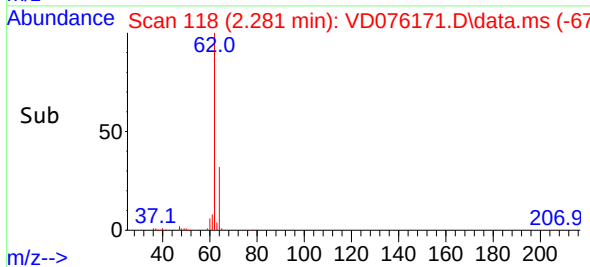
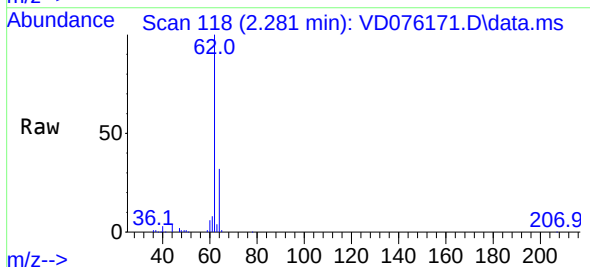
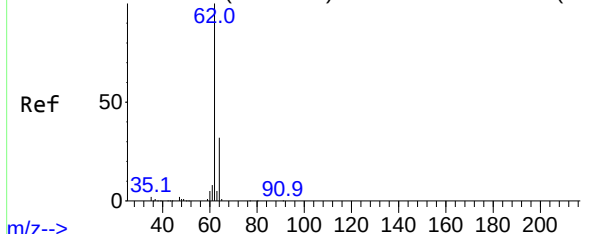
Ion Ratio Lower Upper

50 100

52 30.4 27.8 41.8



Abundance Scan 118 (2.281 min): VD076113.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 22.323 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD076171.D

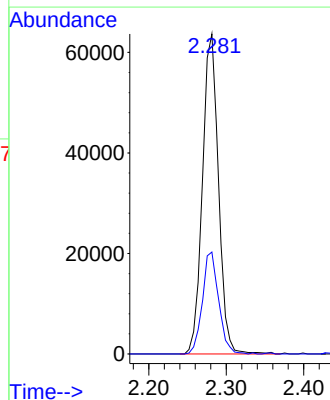
Acq: 22 May 2023 12:24

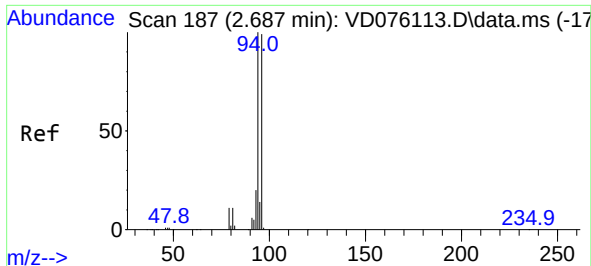
Tgt Ion: 62 Resp: 91486

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0

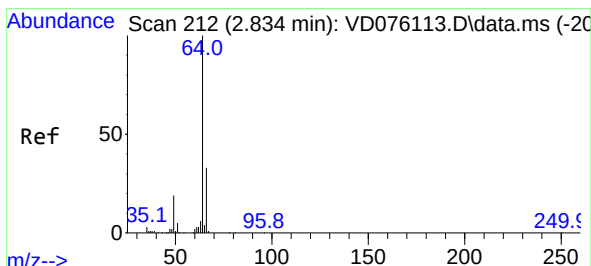
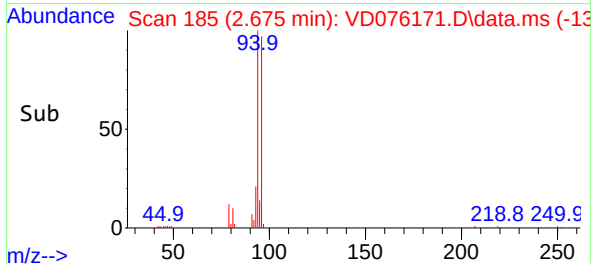
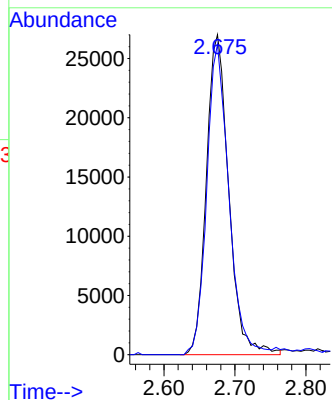
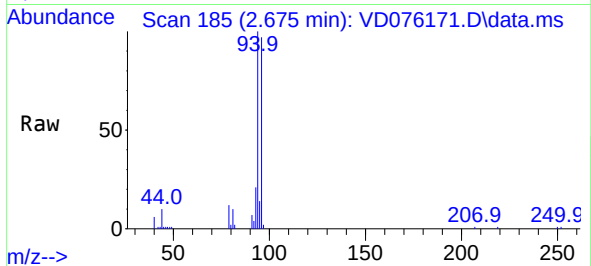




#5
Bromomethane
Concen: 21.423 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

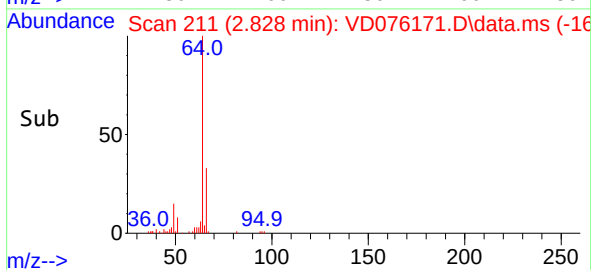
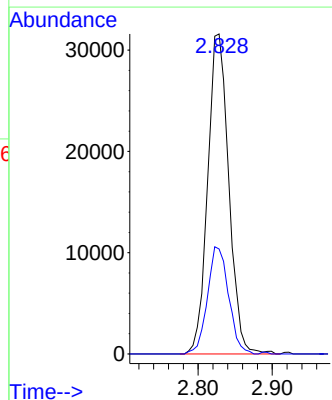
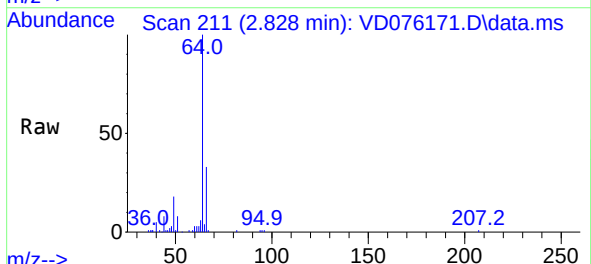
Instrument :
MSVOA_D
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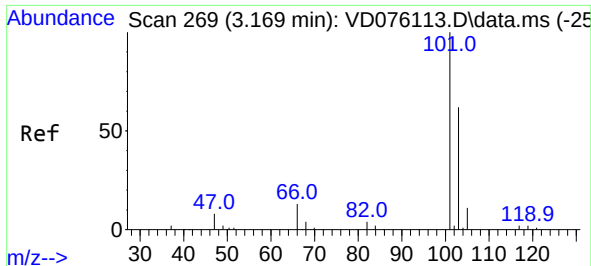
Tgt Ion: 94 Resp: 59109
Ion Ratio Lower Upper
94 100
96 95.7 77.5 116.3



#6
Chloroethane
Concen: 22.700 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 64 Resp: 62589
Ion Ratio Lower Upper
64 100
66 32.8 27.7 41.5

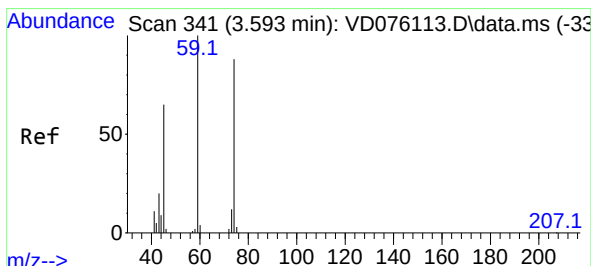
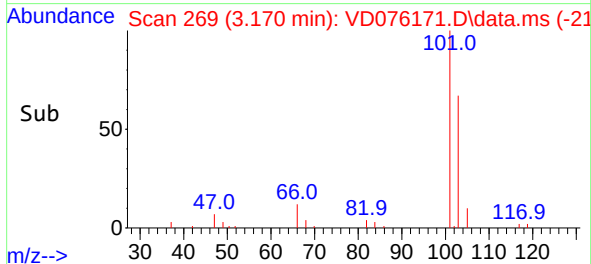
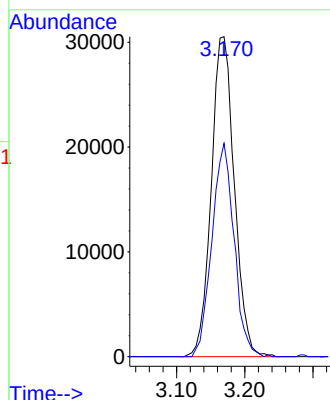
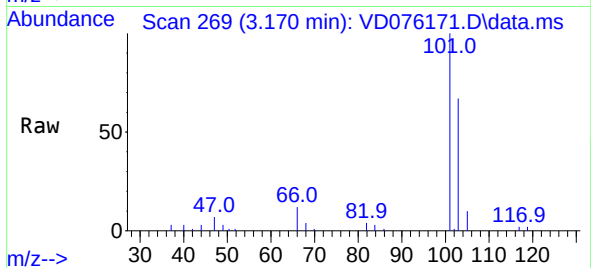




#7
Trichlorofluoromethane
Concen: 20.694 ug/l
RT: 3.170 min Scan# 210
Delta R.T. 0.001 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

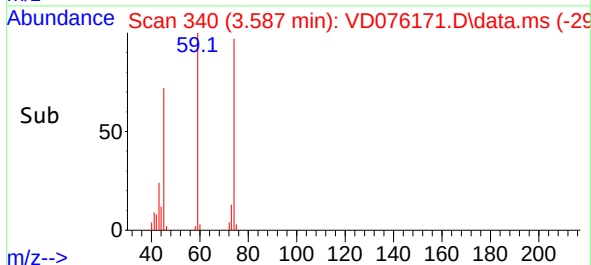
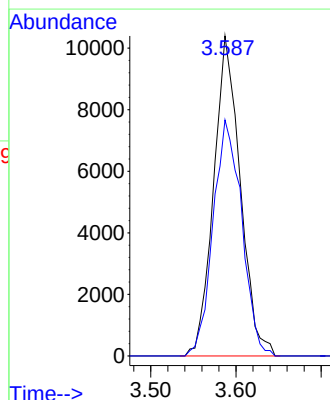
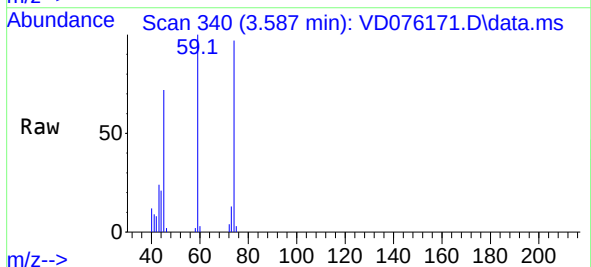
Instrument :
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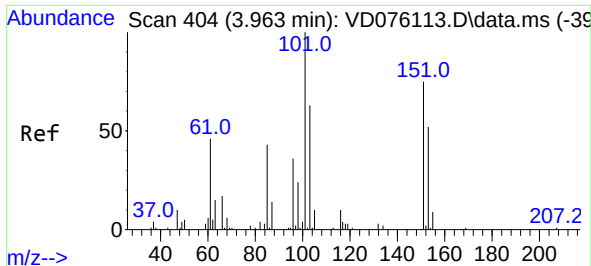
Tgt Ion:101 Resp: 71885
Ion Ratio Lower Upper
101 100
103 66.7 51.9 77.9



#8
Diethyl Ether
Concen: 19.772 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 74 Resp: 22587
Ion Ratio Lower Upper
74 100
45 79.4 50.9 152.7

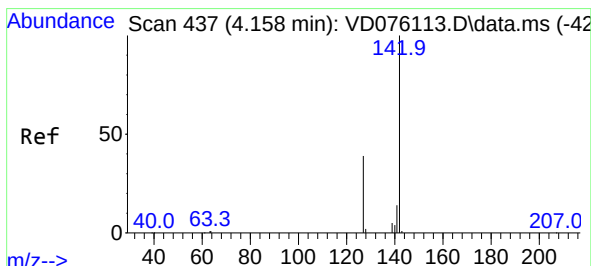
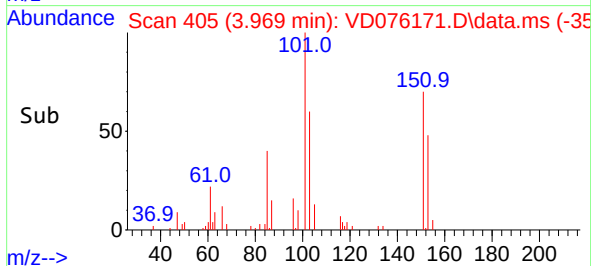
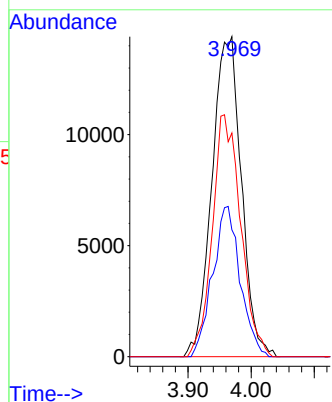
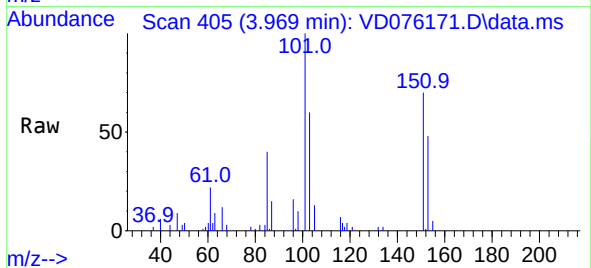




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.356 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.005 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

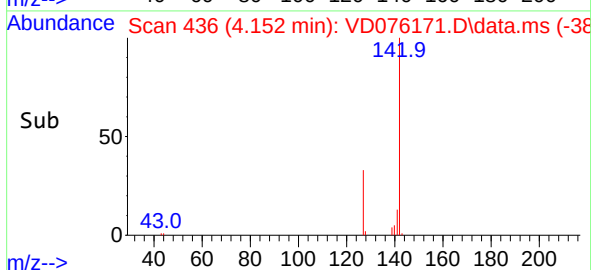
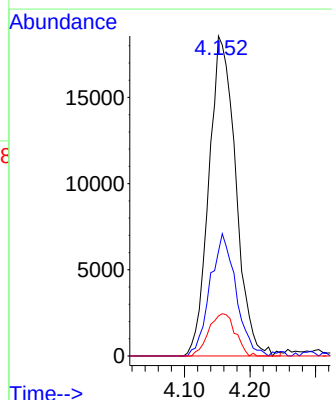
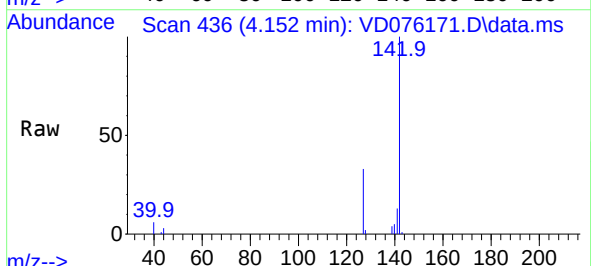
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

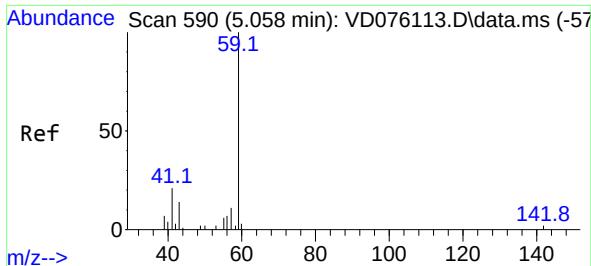
Tgt Ion:101 Resp: 46577
Ion Ratio Lower Upper
101 100
85 44.0 38.3 57.5
151 73.0 60.4 90.6



#10
Methyl Iodide
Concen: 22.143 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.012 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:142 Resp: 52681
Ion Ratio Lower Upper
142 100
127 37.0 37.1 55.7#
141 13.0 11.3 16.9

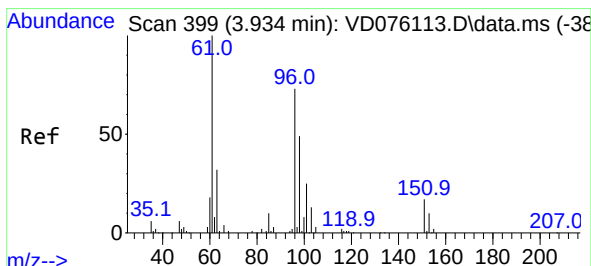
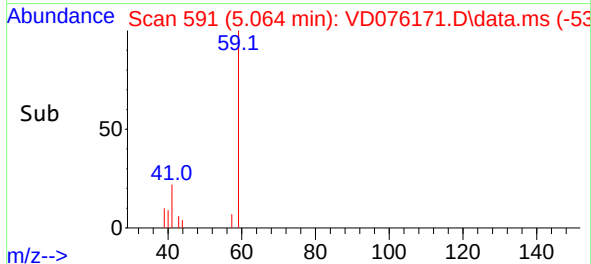
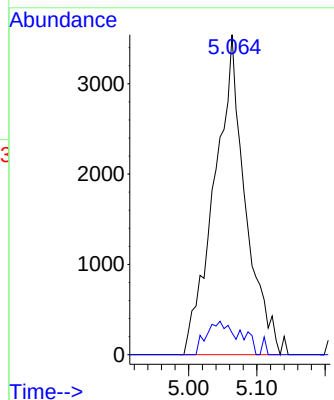
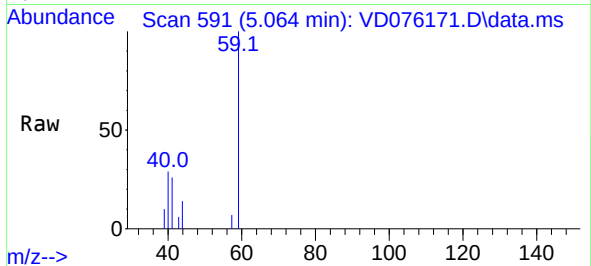




#11
Tert butyl alcohol
Concen: 103.897 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

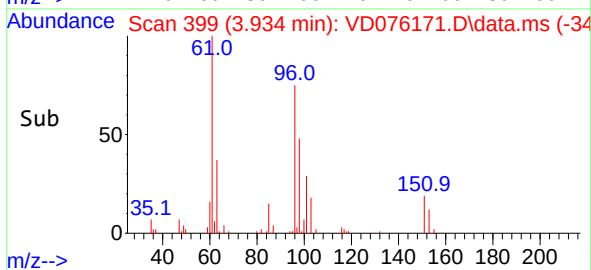
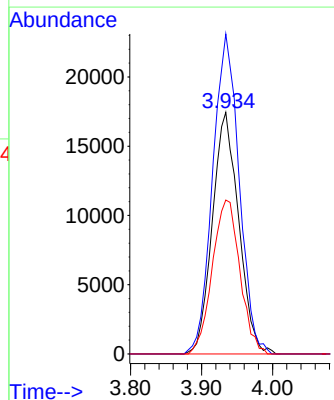
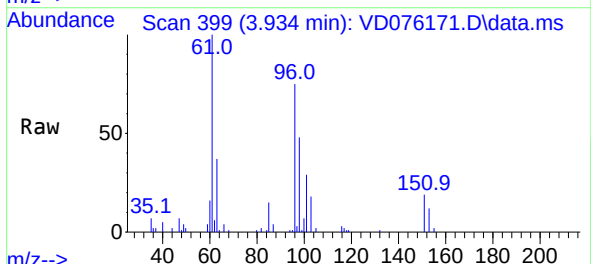
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

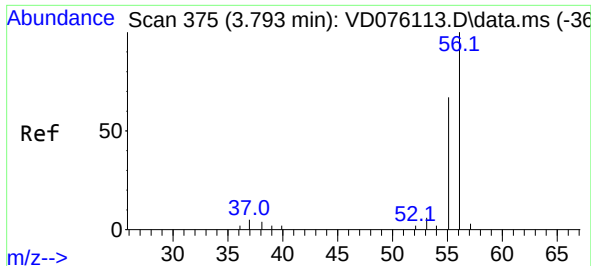
Tgt Ion: 59 Resp: 11192
Ion Ratio Lower Upper
59 100
57 8.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 19.684 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 96 Resp: 44826
Ion Ratio Lower Upper
96 100
61 132.5 118.6 177.8
98 63.7 49.7 74.5

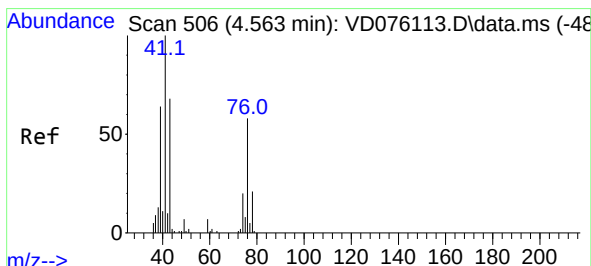
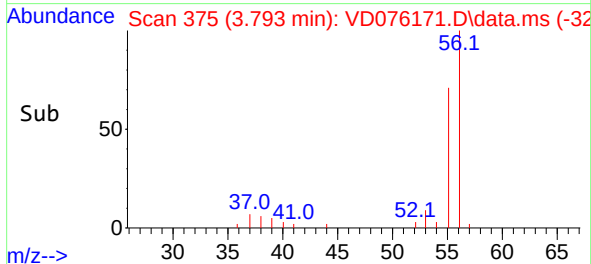
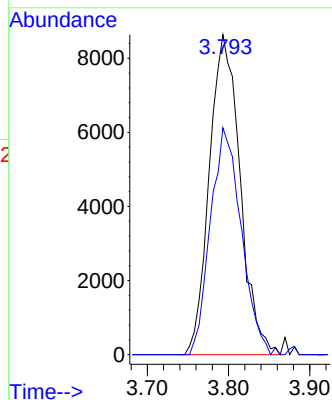
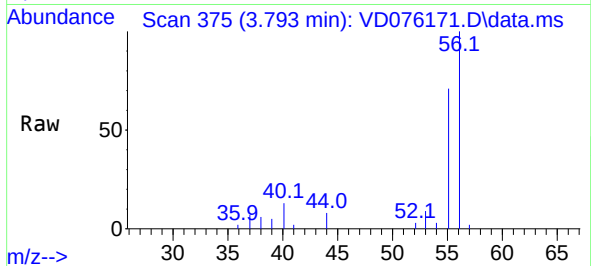




#13
Acrolein
Concen: 86.034 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

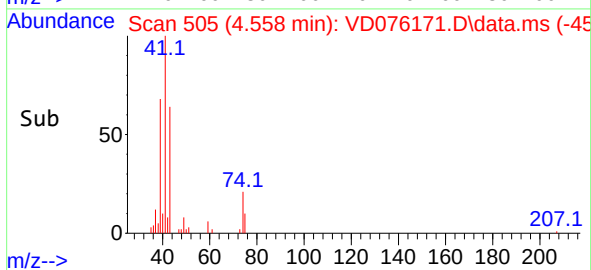
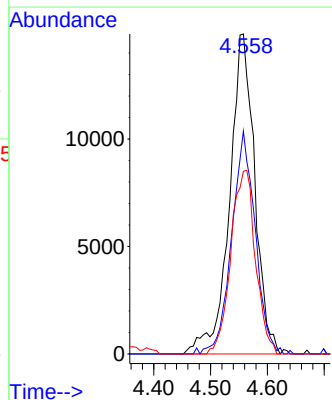
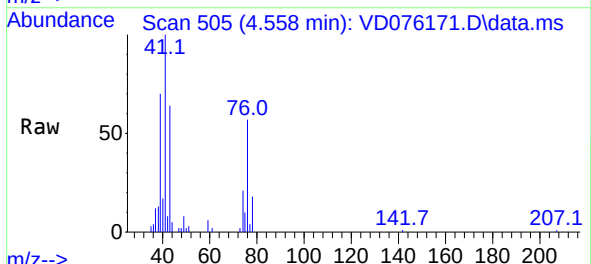
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

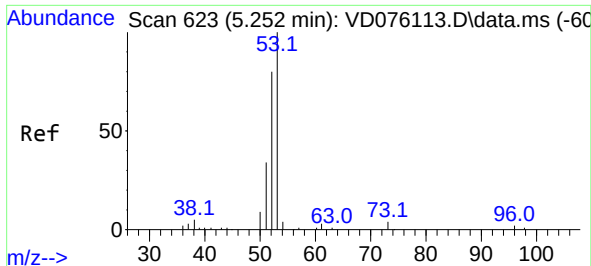
Tgt Ion: 56 Resp: 22682
Ion Ratio Lower Upper
56 100
55 71.2 53.9 80.9



#14
Allyl chloride
Concen: 19.811 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 41 Resp: 45787
Ion Ratio Lower Upper
41 100
39 65.0 60.6 90.8
76 56.1 28.6 43.0#

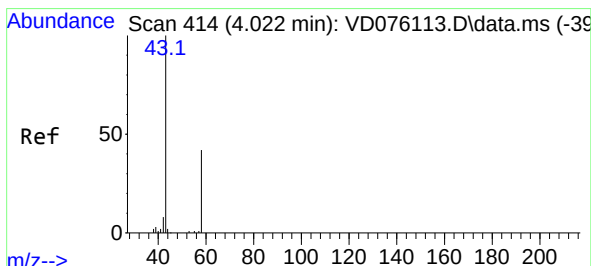
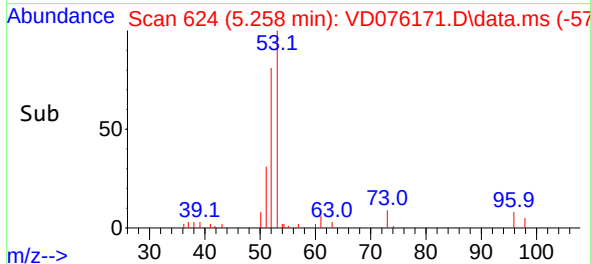
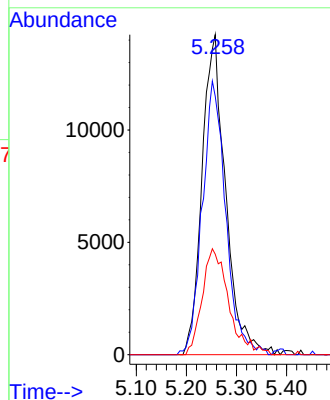
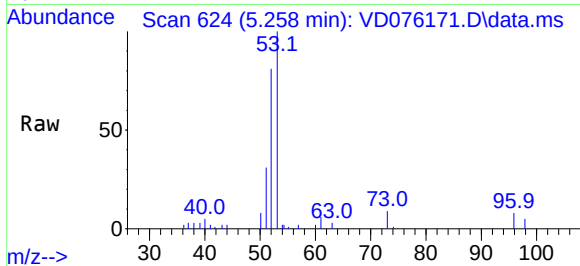




#15
Acrylonitrile
Concen: 98.553 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

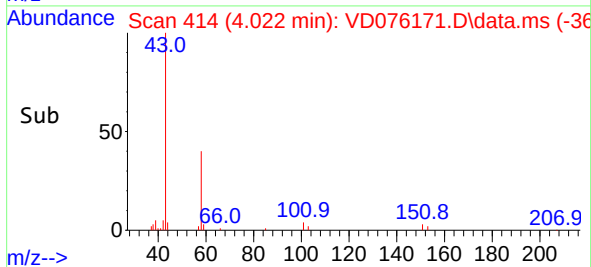
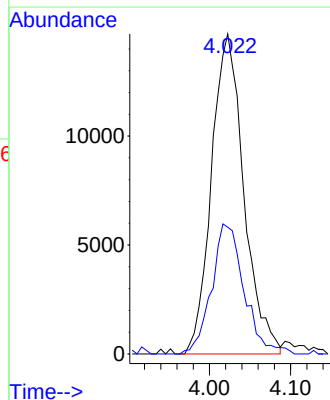
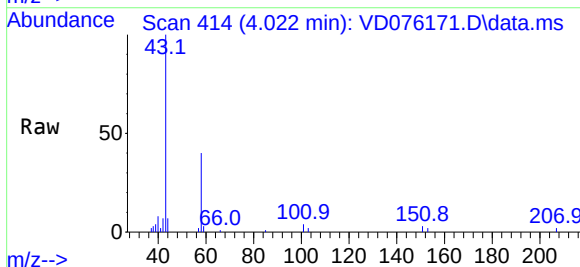
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

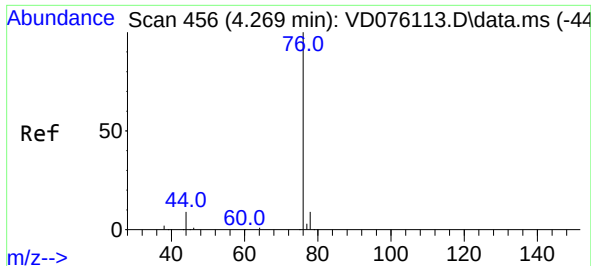
Tgt Ion:	53	Resp:	46615
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.4
51	36.5	30.7	46.1



#16
Acetone
Concen: 100.418 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:	43	Resp:	40686
Ion	Ratio	Lower	Upper
43	100		
58	39.6	24.4	36.6#

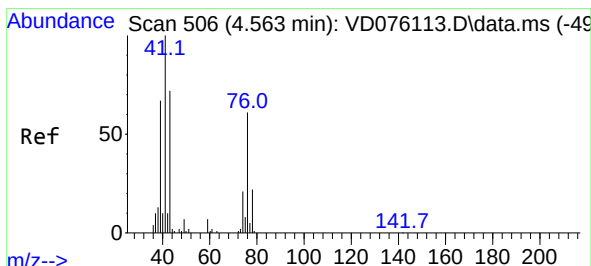
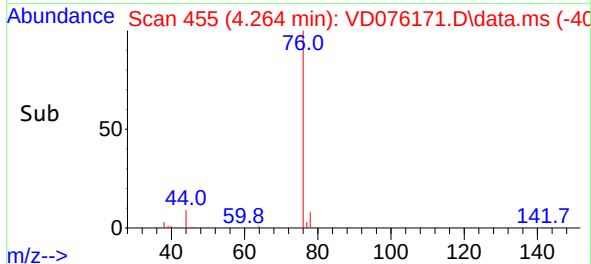
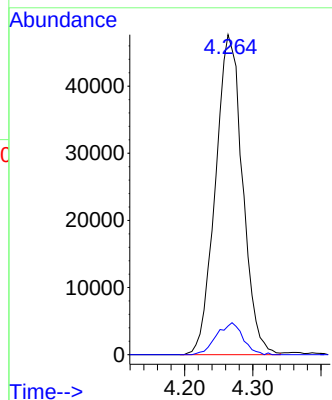
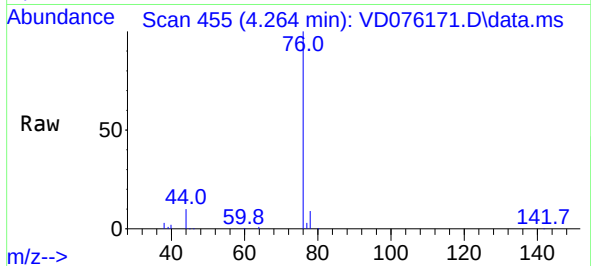




#17
Carbon Disulfide
Concen: 19.733 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

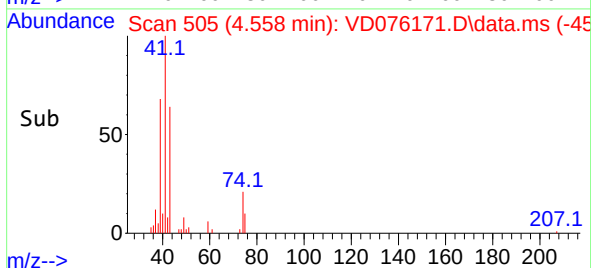
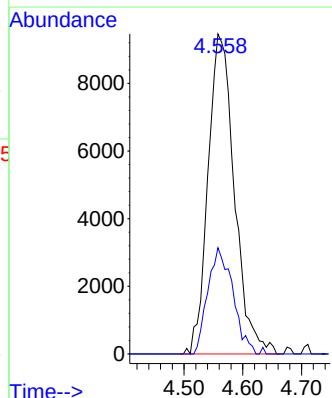
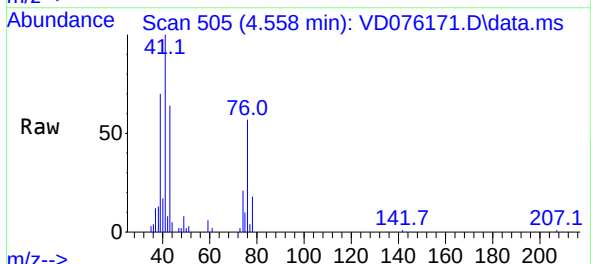
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

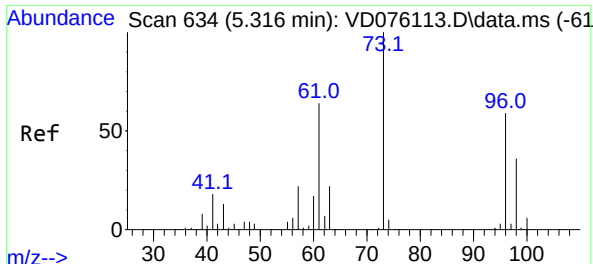
Tgt Ion: 76 Resp: 132047
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0



#18
Methyl Acetate
Concen: 20.403 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 43 Resp: 29488
Ion Ratio Lower Upper
43 100
74 31.5 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 20.043 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD076171.D

Acq: 22 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

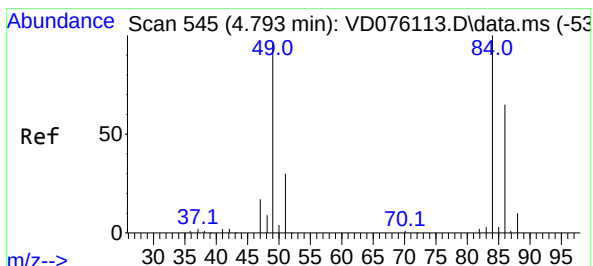
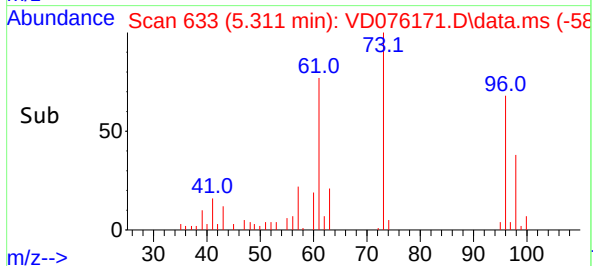
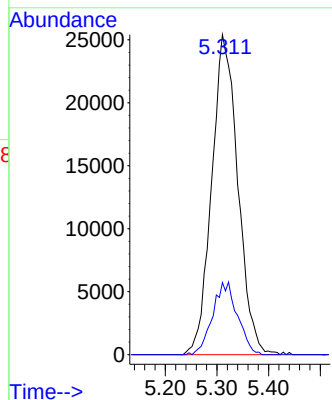
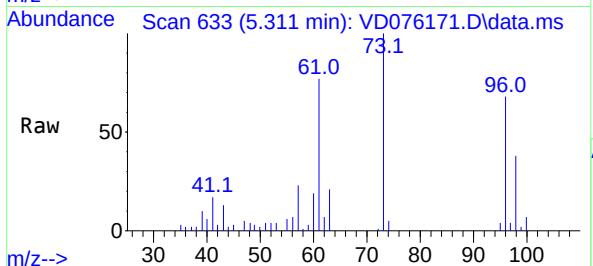
VD0522SBS01

Tgt Ion: 73 Resp: 89339

Ion Ratio Lower Upper

73 100

57 22.6 17.2 25.8



#20

Methylene Chloride

Concen: 15.165 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076171.D

Acq: 22 May 2023 12:24

Tgt Ion: 84 Resp: 69606

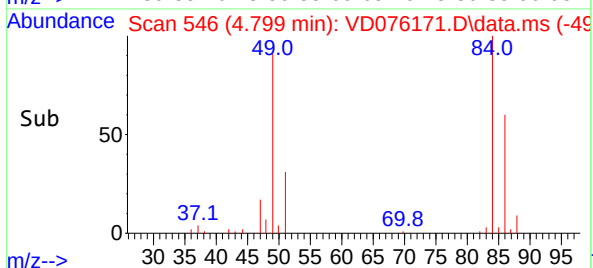
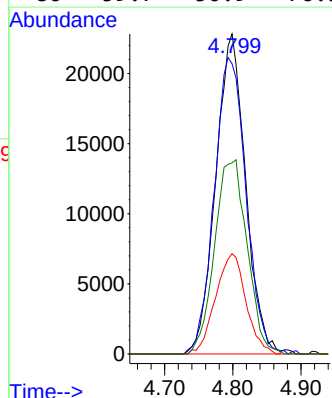
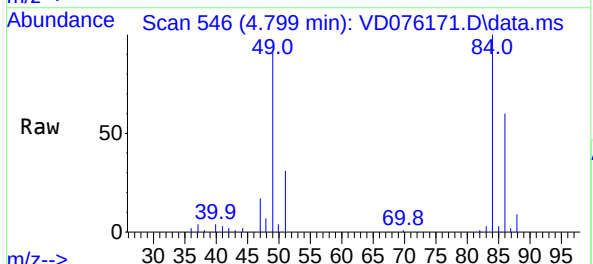
Ion Ratio Lower Upper

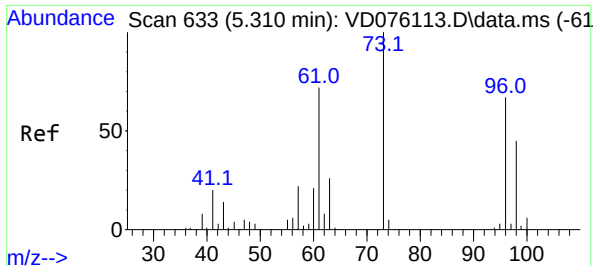
84 100

49 90.7 106.4 159.6#

51 31.3 32.4 48.6#

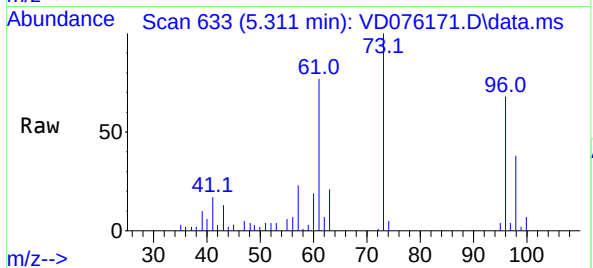
86 59.7 50.9 76.3



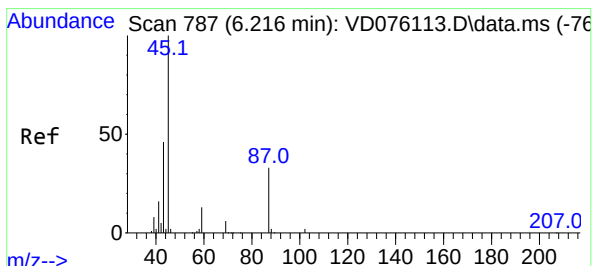
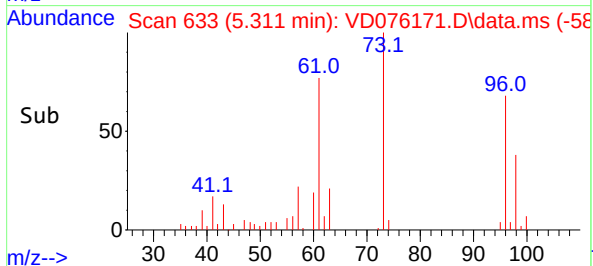
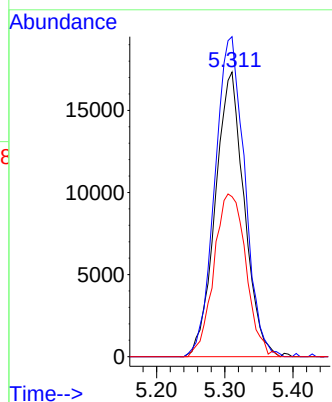


#21
trans-1,2-Dichloroethene
Concen: 19.491 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

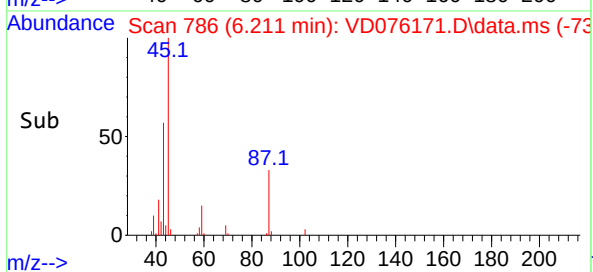
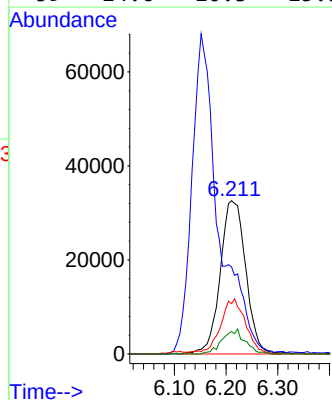
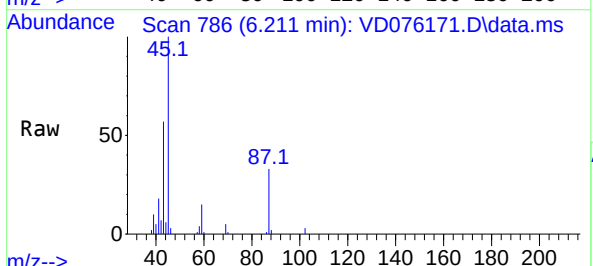


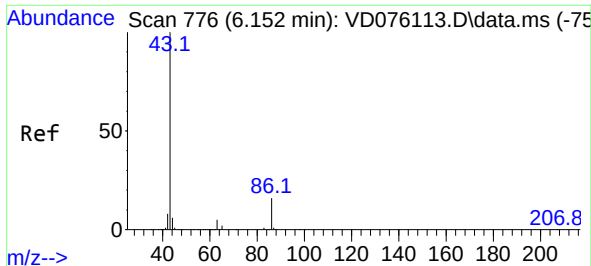
Tgt Ion: 96 Resp: 51157
Ion Ratio Lower Upper
96 100
61 112.4 117.2 175.8#
98 56.2 50.6 76.0



#22
Diisopropyl ether
Concen: 20.831 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 45 Resp: 111751
Ion Ratio Lower Upper
45 100
43 55.2 44.4 66.6
87 32.8 20.9 31.3#
59 14.6 10.3 15.5

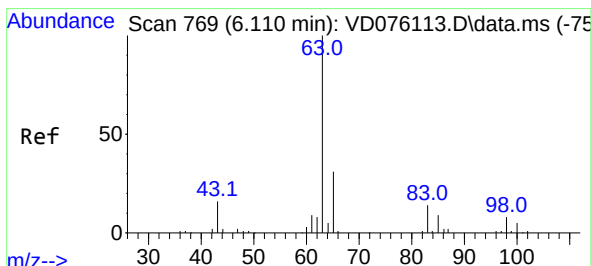
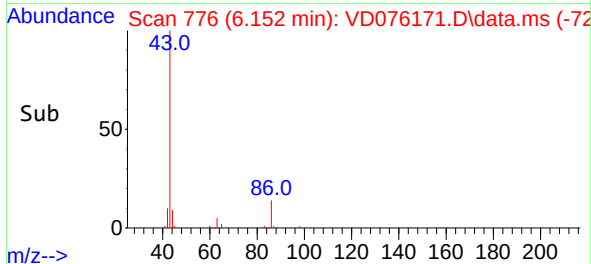
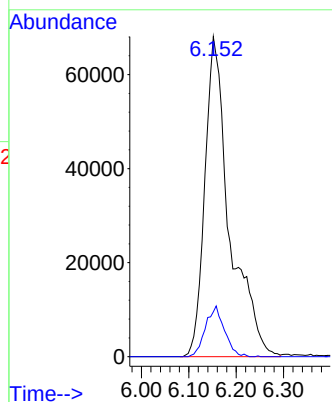
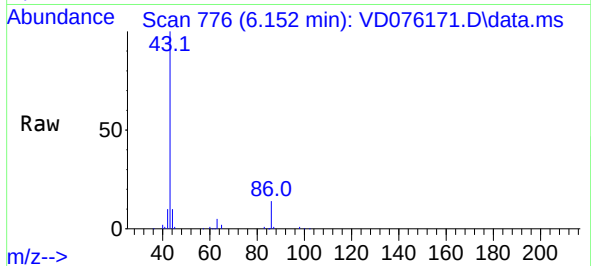




#23
 Vinyl Acetate
 Concen: 117.279 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076171.D
 Acq: 22 May 2023 12:24

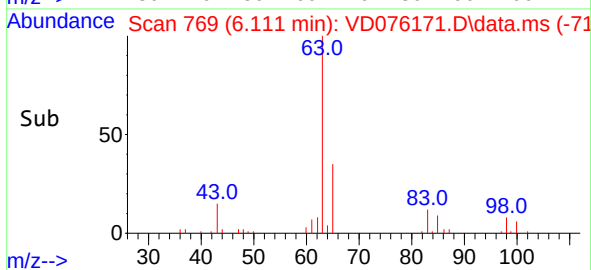
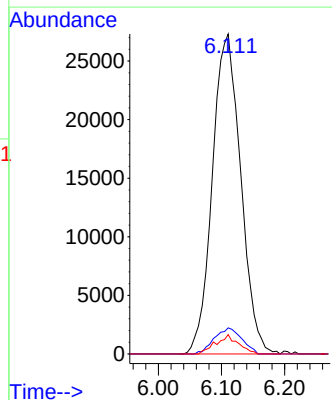
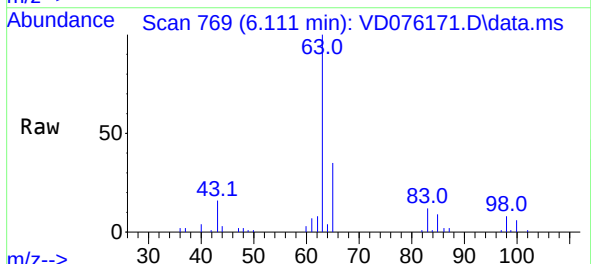
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

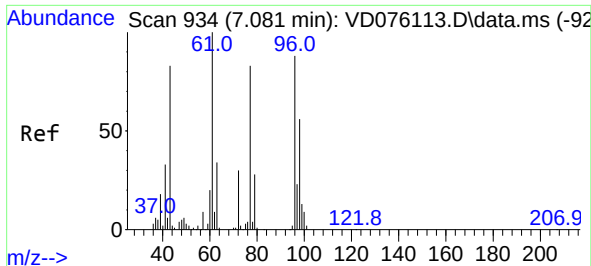
Tgt Ion: 43 Resp: 247379
 Ion Ratio Lower Upper
 43 100
 86 14.0 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 20.152 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.001 min
 Lab File: VD076171.D
 Acq: 22 May 2023 12:24

Tgt Ion: 63 Resp: 85259
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 6.1 2.0 6.0#

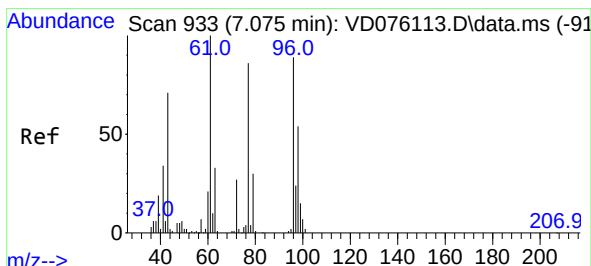
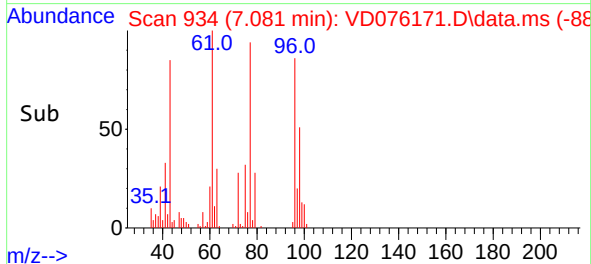
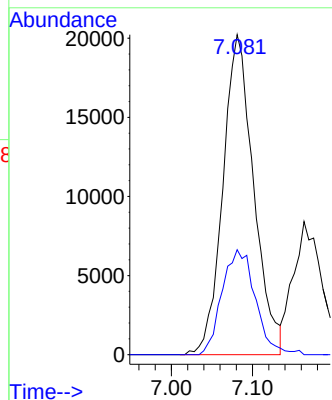
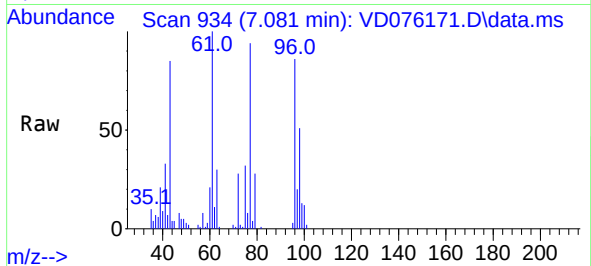




#25
2-Butanone
Concen: 104.895 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

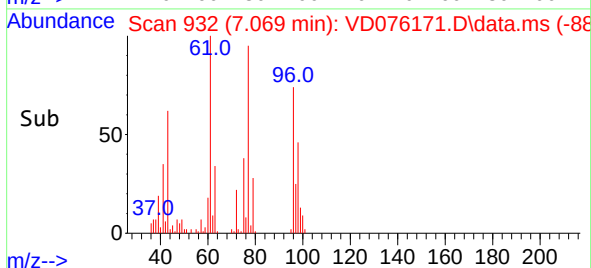
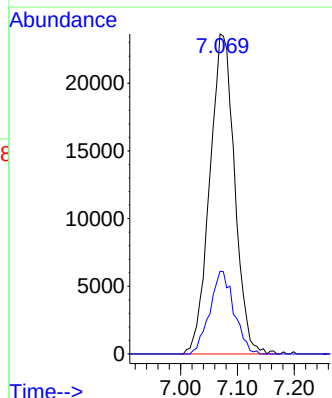
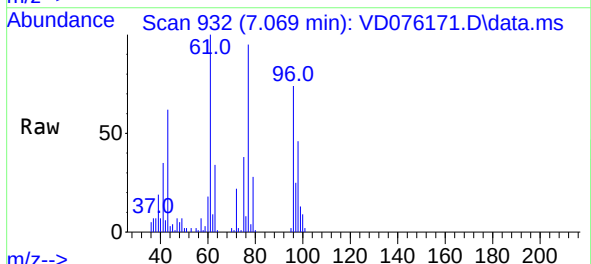
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

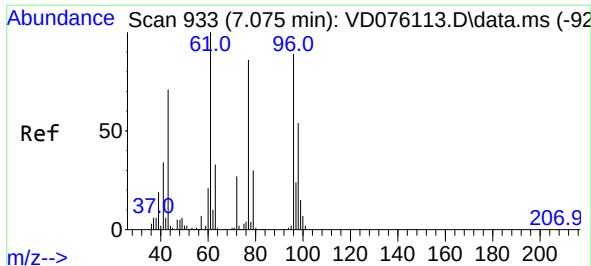
Tgt Ion: 43 Resp: 53438
Ion Ratio Lower Upper
43 100
72 32.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 20.826 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 77 Resp: 71847
Ion Ratio Lower Upper
77 100
97 25.2 11.1 33.1



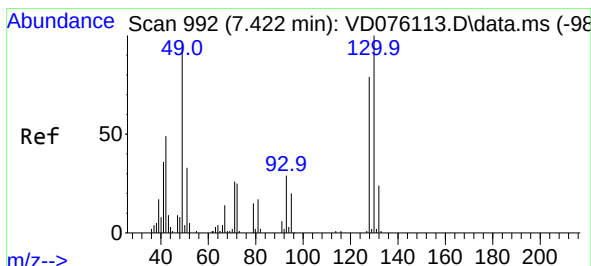
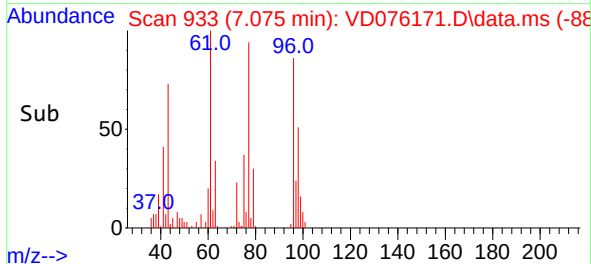
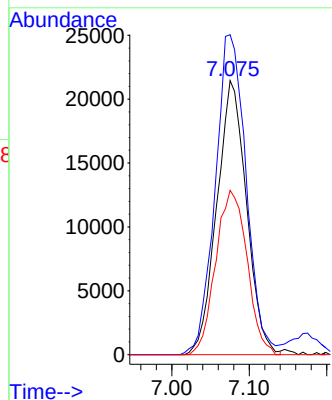
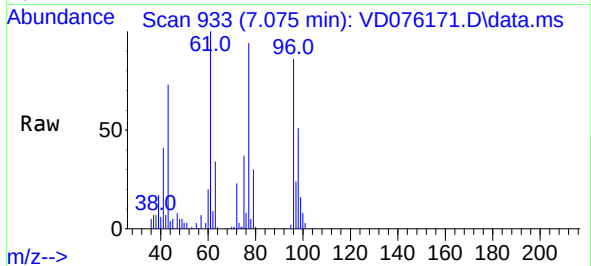


#27
 cis-1,2-Dichloroethene
 Concen: 19.631 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076171.D
 Acq: 22 May 2023 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

Tgt Ion: 96 Resp: 57174

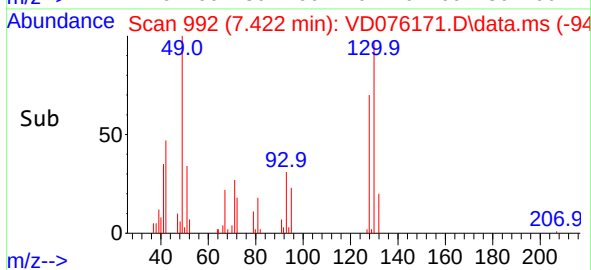
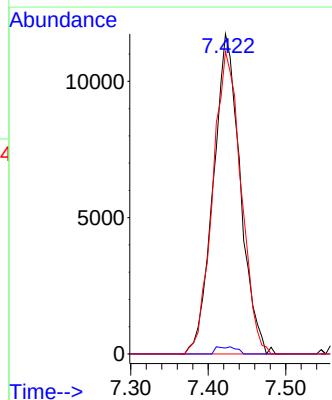
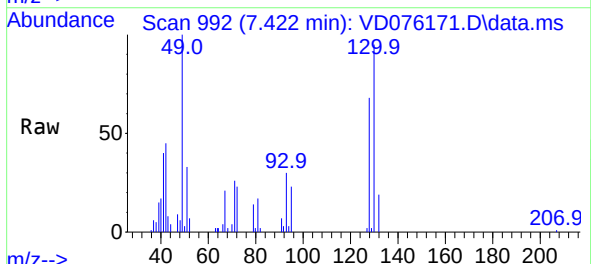
Ion	Ratio	Lower	Upper
96	100		
61	121.3	0.0	295.2
98	63.4	0.0	129.2

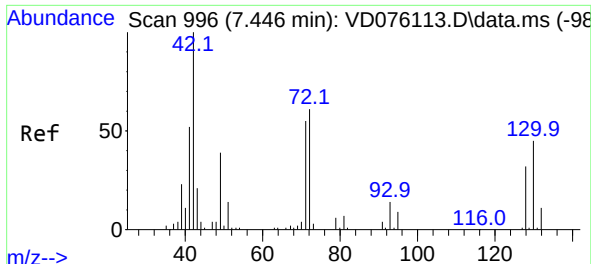


#28
 Bromochloromethane
 Concen: 20.089 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076171.D
 Acq: 22 May 2023 12:24

Tgt Ion: 49 Resp: 28339

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.2
130	99.5	56.0	84.0

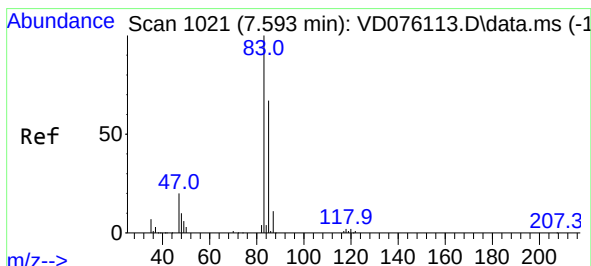
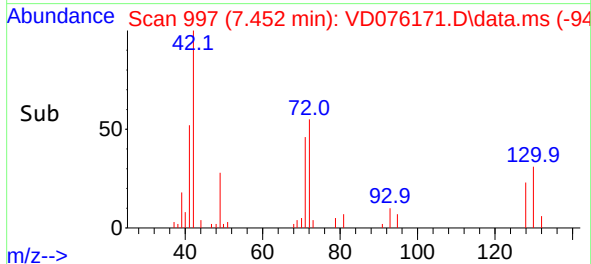
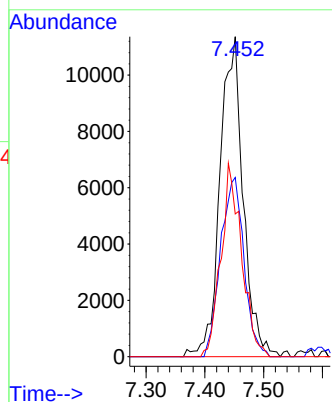
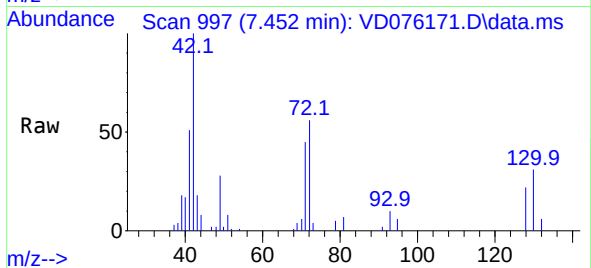




#29
Tetrahydrofuran
Concen: 104.400 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.012 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

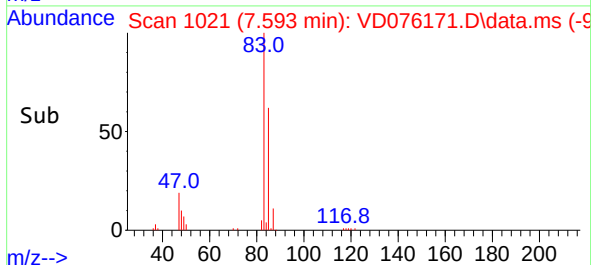
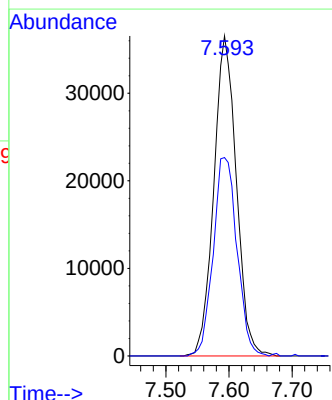
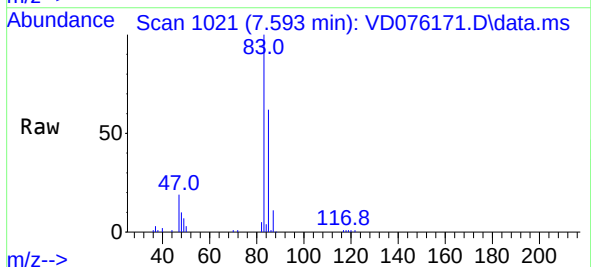
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

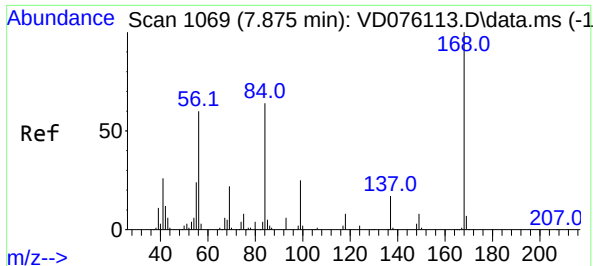
Tgt Ion: 42 Resp: 31000
Ion Ratio Lower Upper
42 100
72 56.9 31.8 47.6#
71 54.2 27.6 41.4#



#30
Chloroform
Concen: 19.998 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 83 Resp: 90478
Ion Ratio Lower Upper
83 100
85 62.0 49.4 74.2

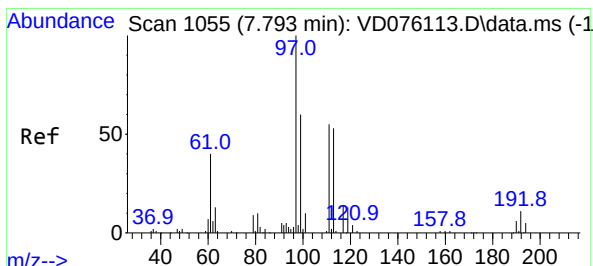
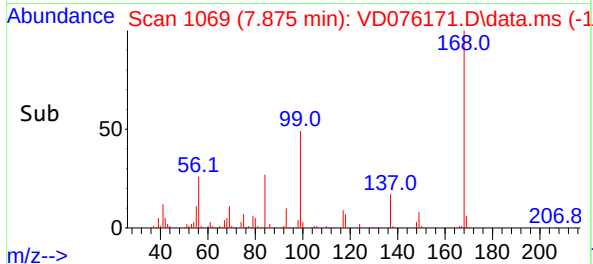
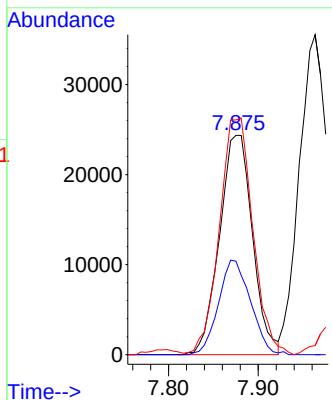
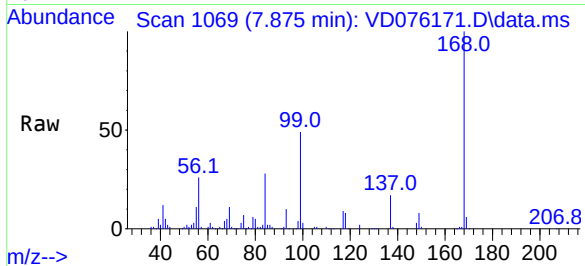




#31
Cyclohexane
Concen: 20.031 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

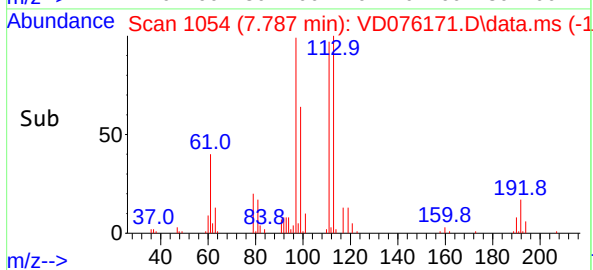
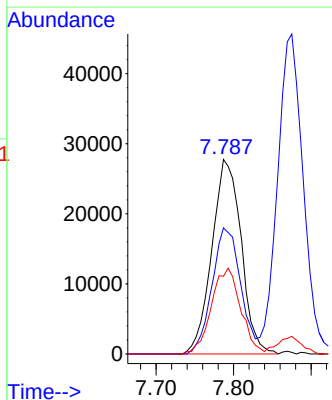
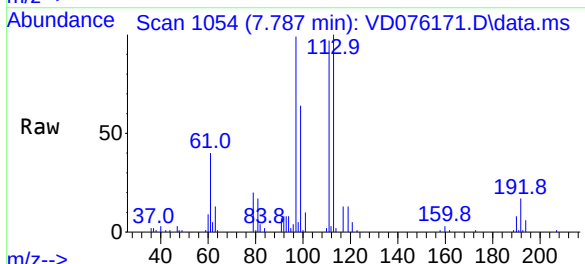
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

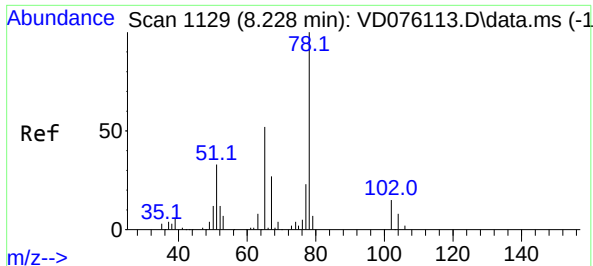
Tgt Ion: 56 Resp: 62472
Ion Ratio Lower Upper
56 100
69 42.6 25.5 38.3#
84 105.7 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.222 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 97 Resp: 72914
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 44.0 36.6 55.0

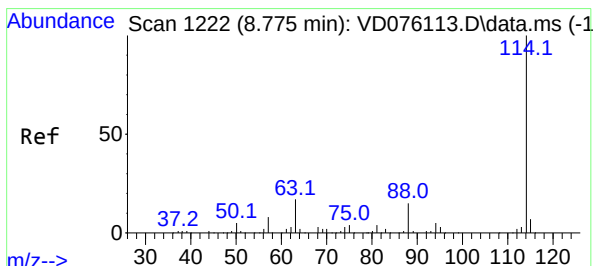
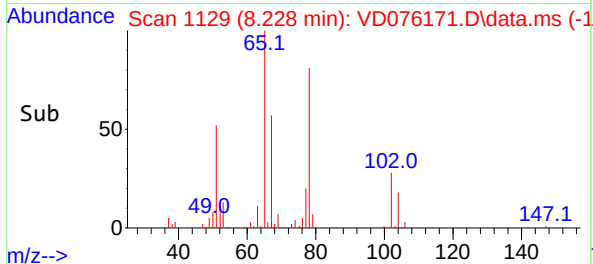
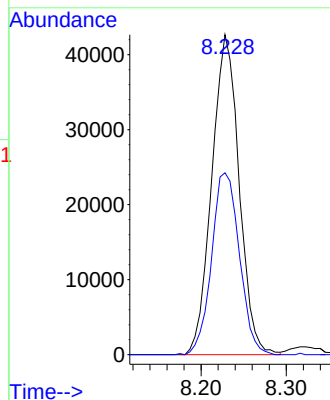
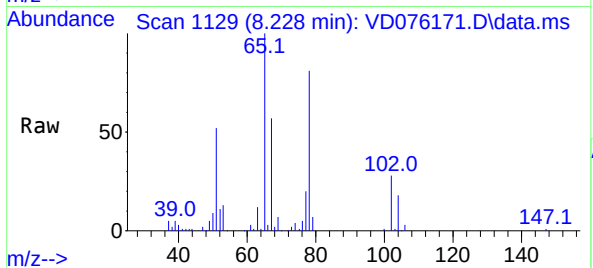




#33
 1,2-Dichloroethane-d4
 Concen: 46.741 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD076171.D
 Acq: 22 May 2023 12:24

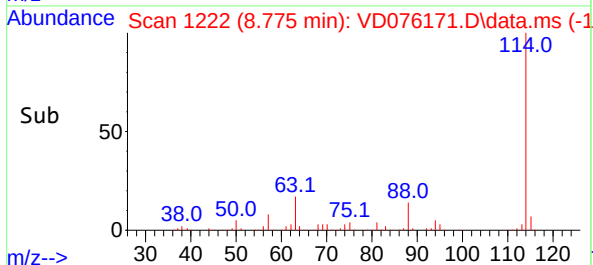
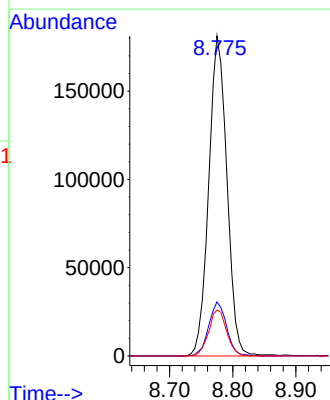
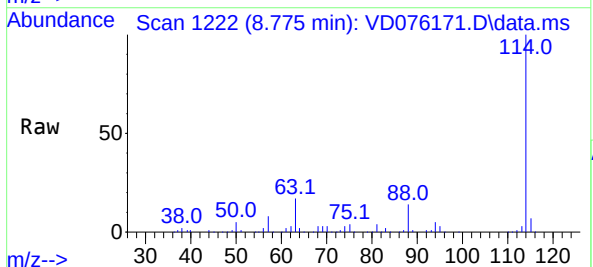
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

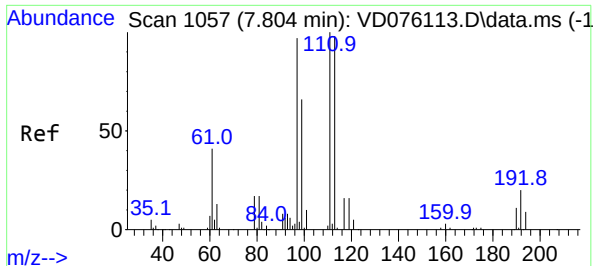
Tgt Ion: 65 Resp: 95184
 Ion Ratio Lower Upper
 65 100
 67 57.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD076171.D
 Acq: 22 May 2023 12:24

Tgt Ion: 114 Resp: 362958
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 41.6
 88 14.3 0.0 30.6

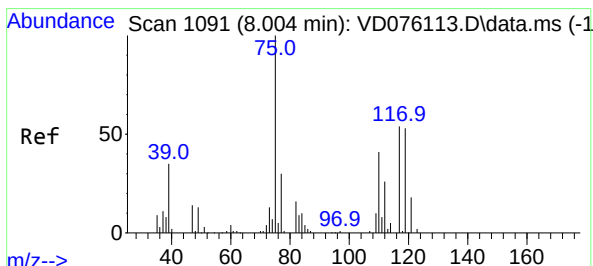
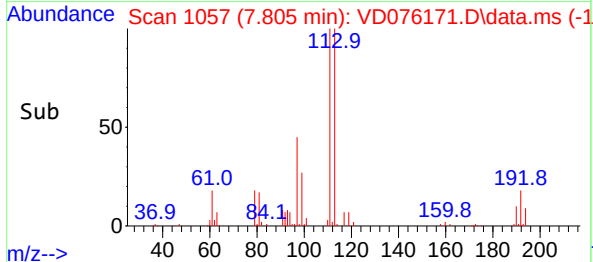
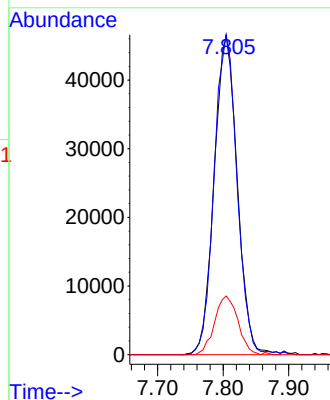
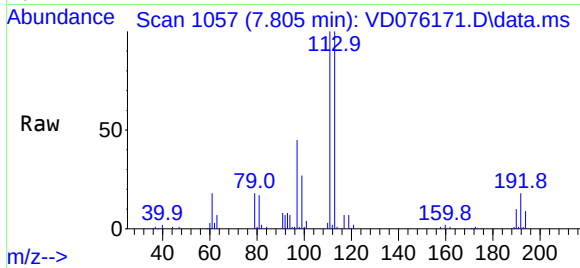




#35
Dibromofluoromethane
Concen: 45.255 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

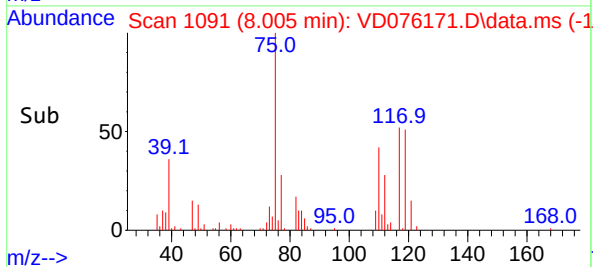
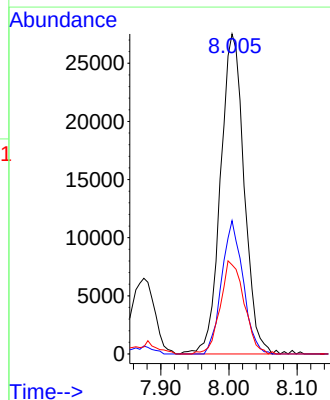
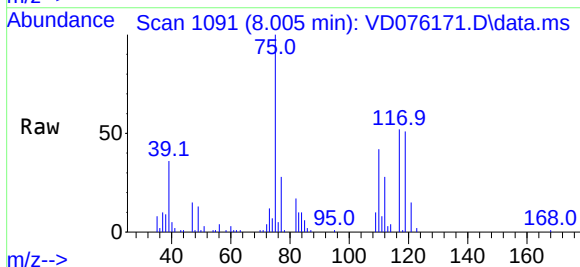
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

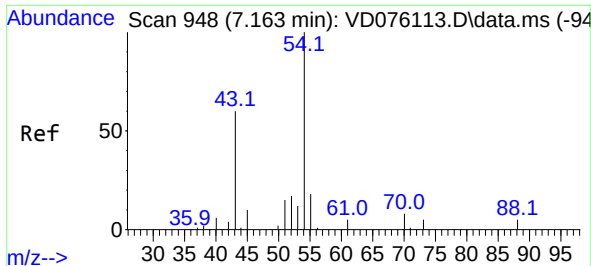
Tgt Ion:113 Resp: 113537
Ion Ratio Lower Upper
113 100
111 99.7 81.4 122.0
192 18.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 19.578 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 75 Resp: 66335
Ion Ratio Lower Upper
75 100
110 37.7 17.1 51.2
77 29.3 24.6 36.8



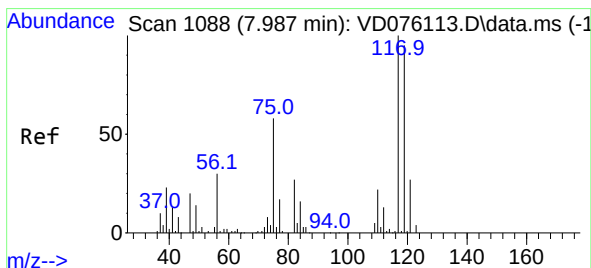
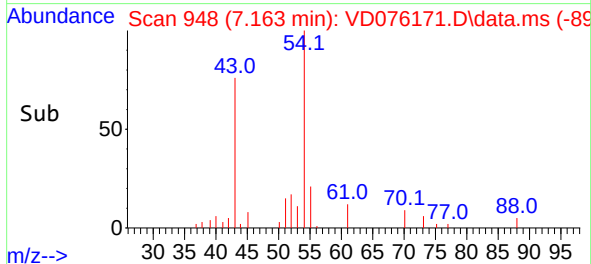
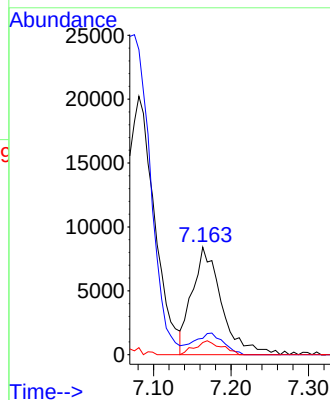
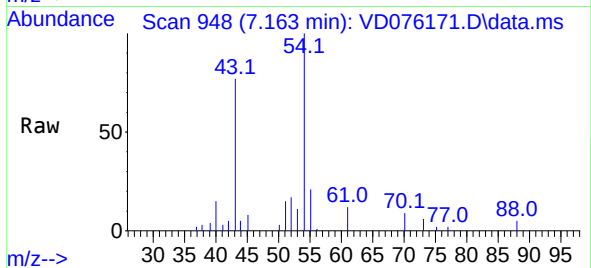


#37
Ethyl Acetate
Concen: 18.875 ug/l
RT: 7.163 min Scan# 948
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

Tgt Ion: 43 Resp: 22146

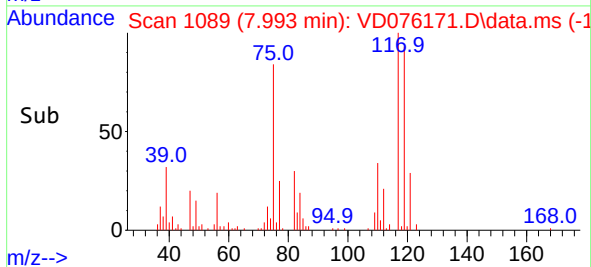
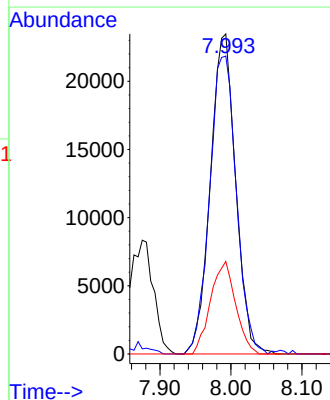
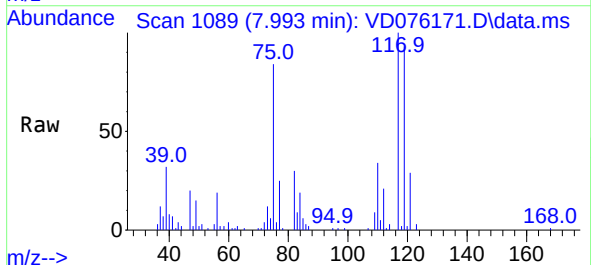
Ion	Ratio	Lower	Upper
43	100		
61	19.2	0.0	0.0#
70	11.6	5.6	8.4#

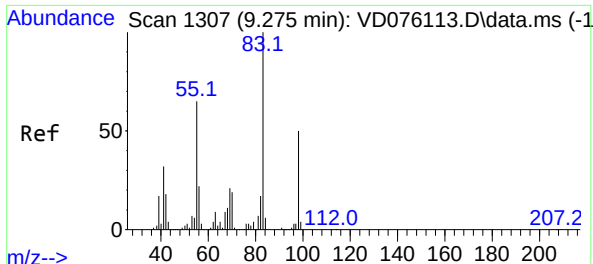


#38
Carbon Tetrachloride
Concen: 18.986 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 117 Resp: 58107

Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.7	112.1
121	28.9	25.9	38.9



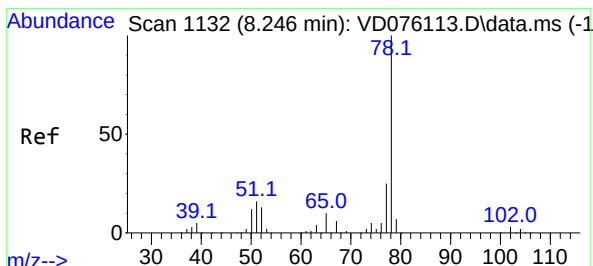
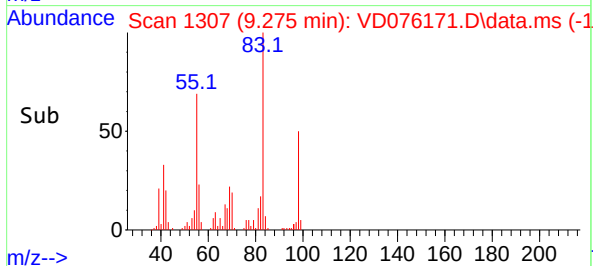
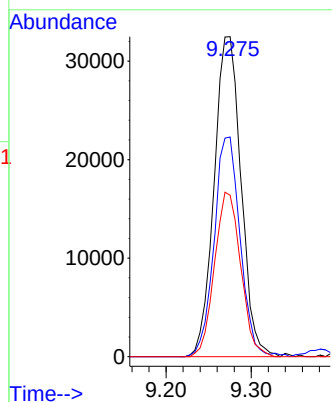
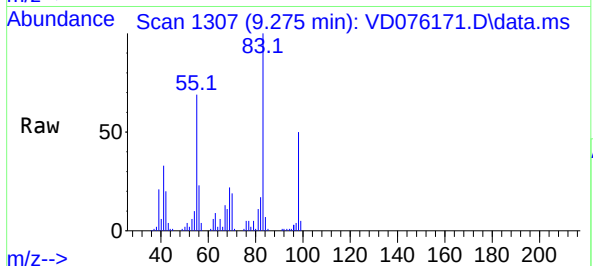


#39
Methylcyclohexane
Concen: 18.288 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

Tgt Ion: 83 Resp: 71341

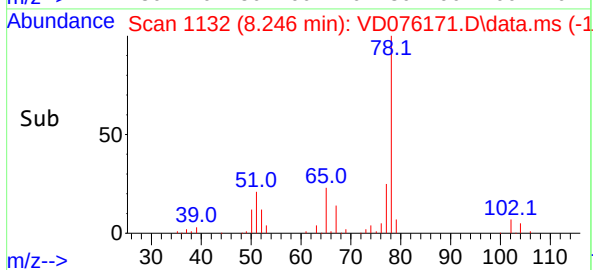
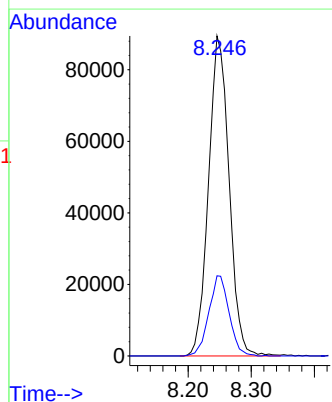
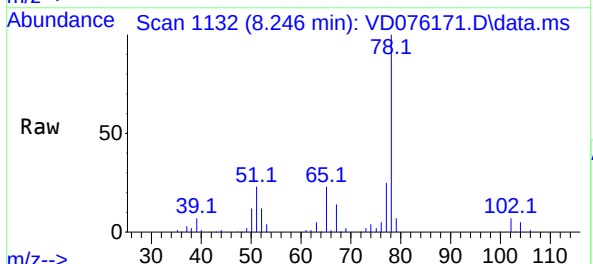
Ion	Ratio	Lower	Upper
83	100		
55	68.7	56.8	85.2
98	50.5	38.9	58.3

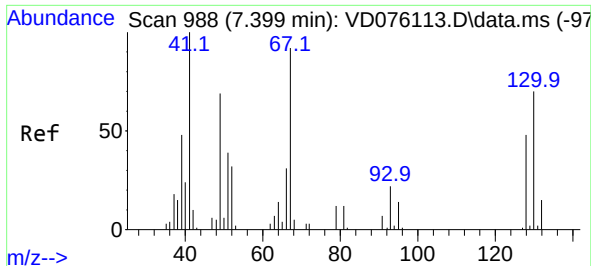


#40
Benzene
Concen: 18.604 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 78 Resp: 202661

Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.1	28.7

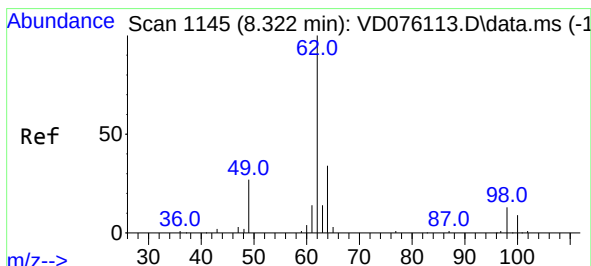
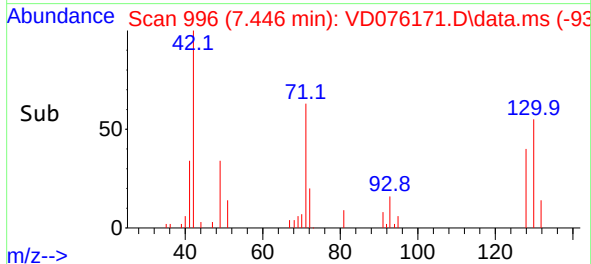
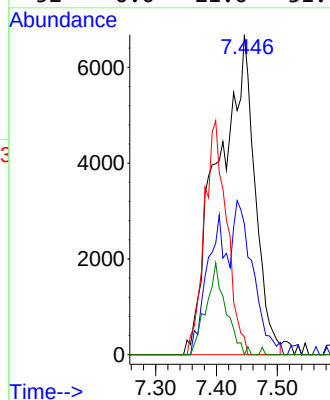
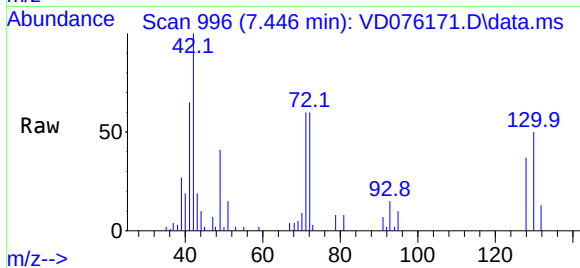




#41
Methacrylonitrile
Concen: 43.611 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.047 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

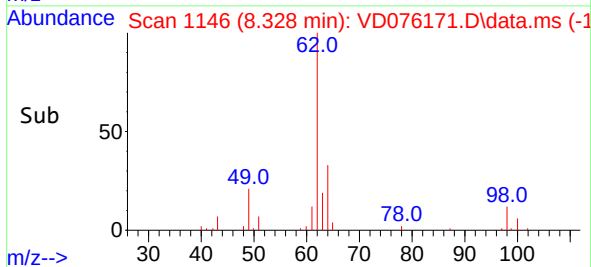
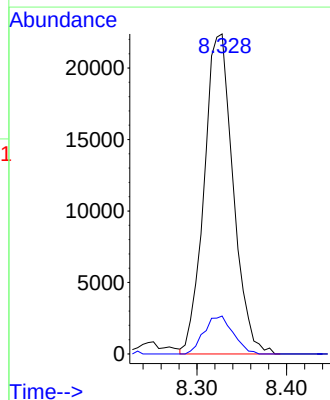
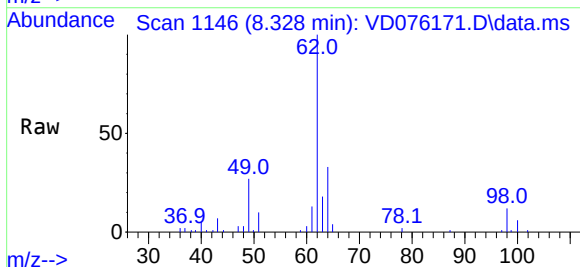
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

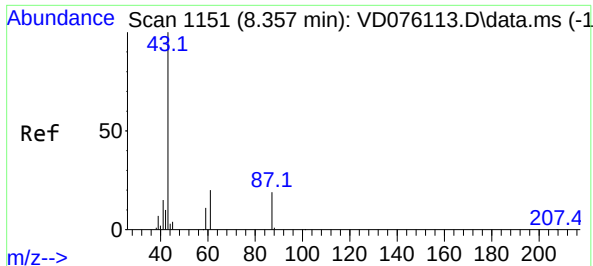
Tgt Ion:	41	Resp:	28057
Ion	Ratio	Lower	Upper
41	100		
39	26.0	45.3	67.9#
67	0.0	50.5	75.7#
52	0.0	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 19.484 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:	62	Resp:	50202
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	18.8

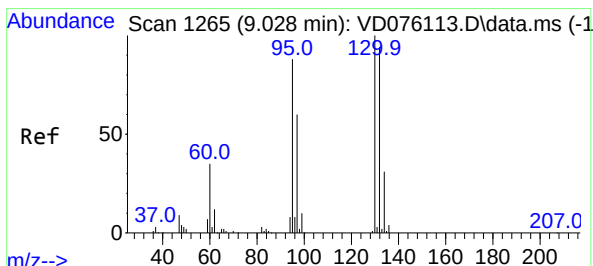
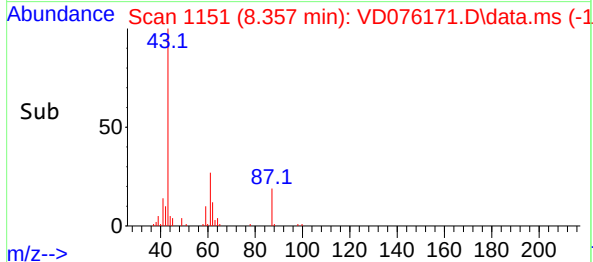
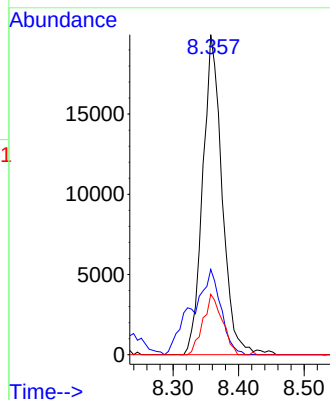
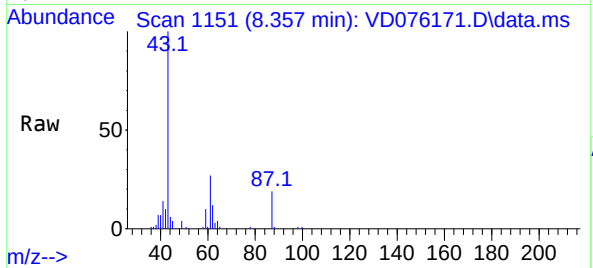




#43
Isopropyl Acetate
Concen: 18.751 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

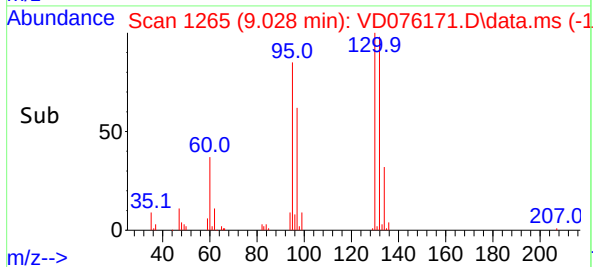
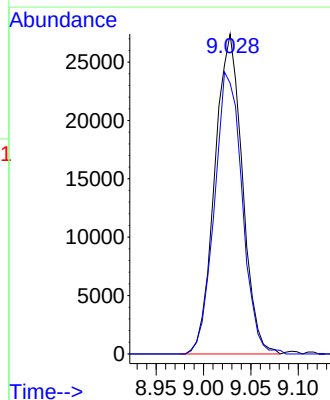
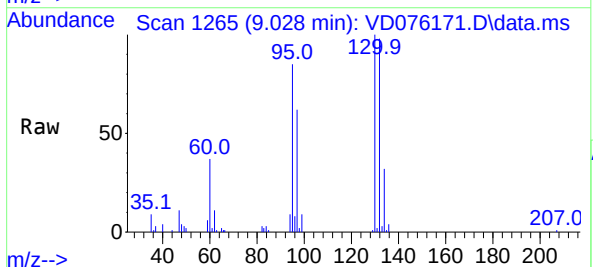
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

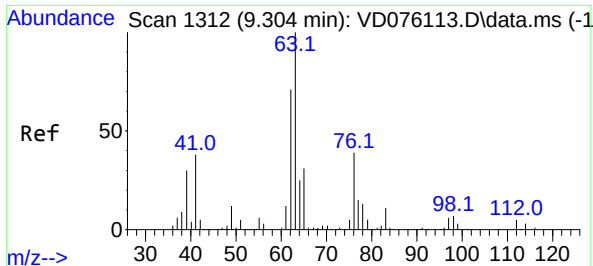
Tgt Ion: 43 Resp: 41098
Ion Ratio Lower Upper
43 100
61 39.4 23.4 35.0#
87 18.6 9.5 14.3#



#44
Trichloroethene
Concen: 18.050 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 130 Resp: 55413
Ion Ratio Lower Upper
130 100
95 84.6 0.0 197.6

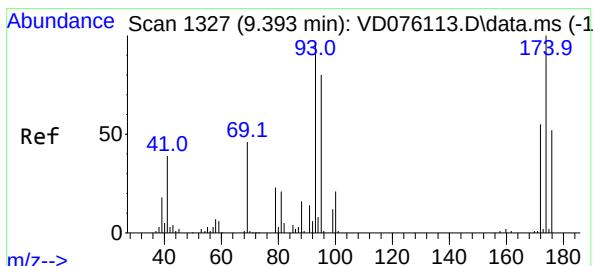
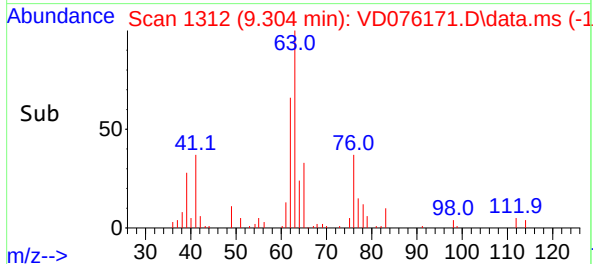
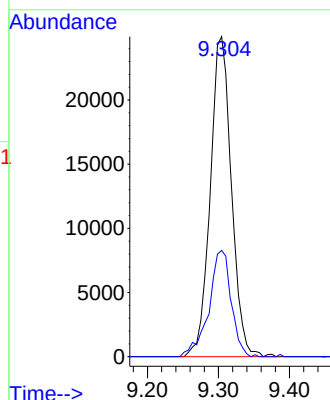
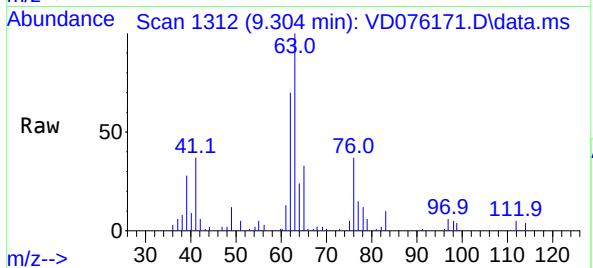




#45
1,2-Dichloropropane
Concen: 19.175 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

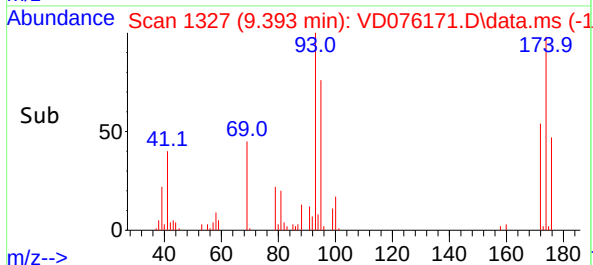
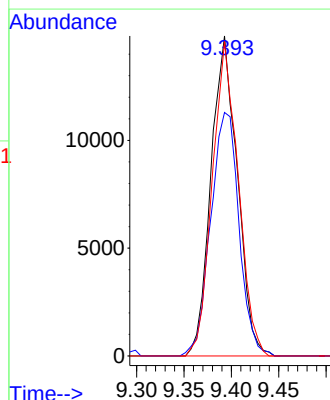
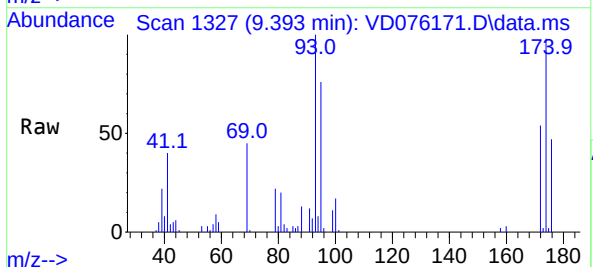
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

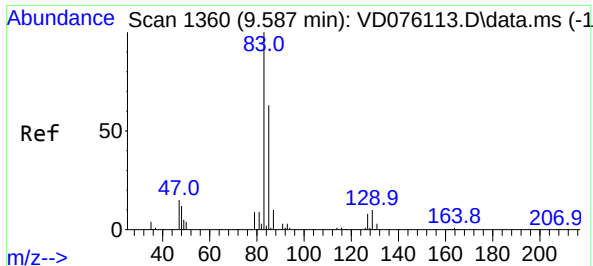
Tgt Ion: 63 Resp: 51522
Ion Ratio Lower Upper
63 100
65 33.2 23.0 34.4



#46
Dibromomethane
Concen: 19.004 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 93 Resp: 28623
Ion Ratio Lower Upper
93 100
95 81.9 64.5 96.7
174 96.9 76.2 114.4

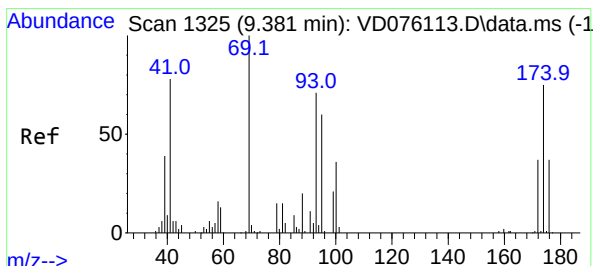
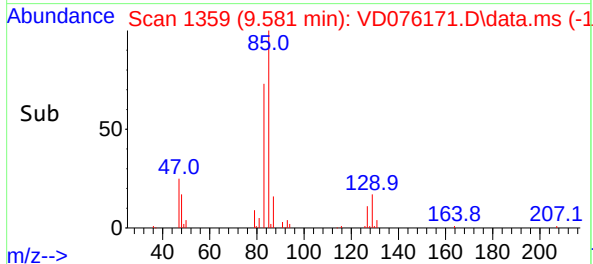
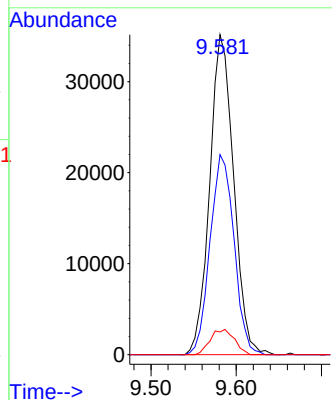
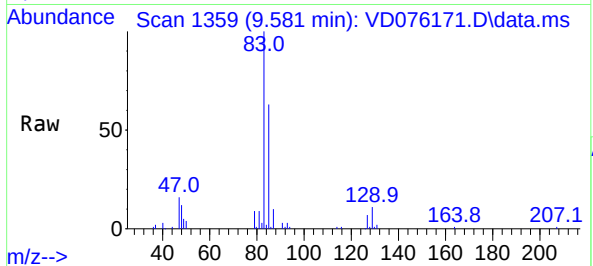




#47
Bromodichloromethane
Concen: 18.985 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

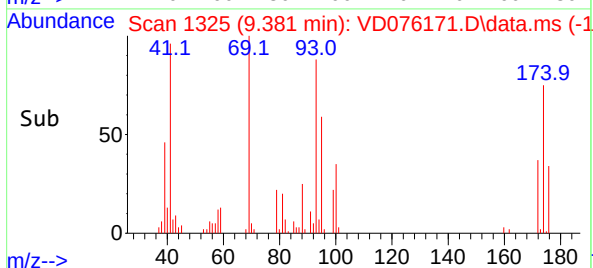
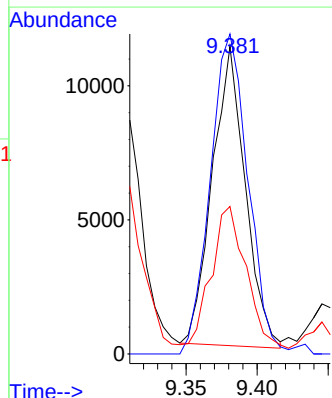
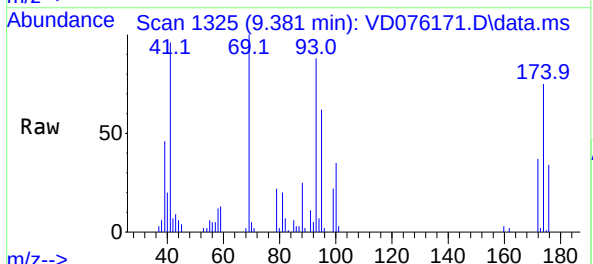
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

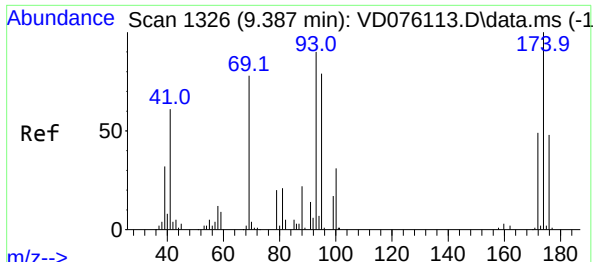
Tgt Ion: 83 Resp: 68720
Ion Ratio Lower Upper
83 100
85 62.5 53.7 80.5
127 7.1 7.0 10.6



#48
Methyl methacrylate
Concen: 18.636 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 41 Resp: 18078
Ion Ratio Lower Upper
41 100
69 121.7 58.6 88.0#
39 50.7 53.4 80.0#

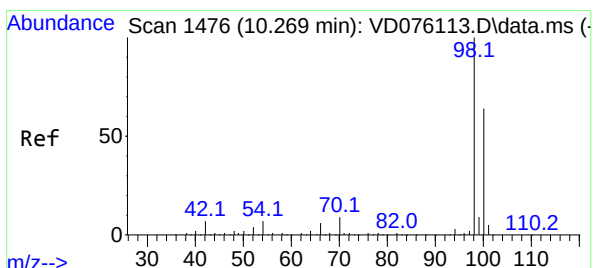
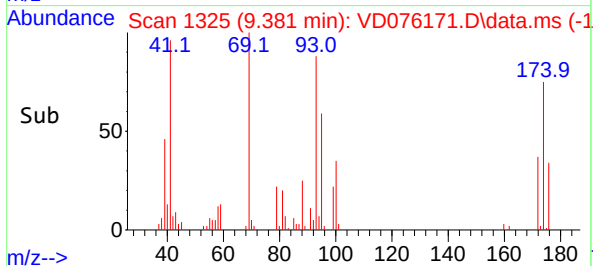
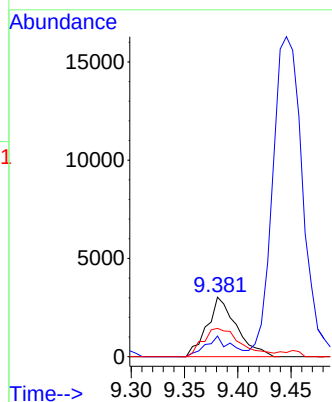
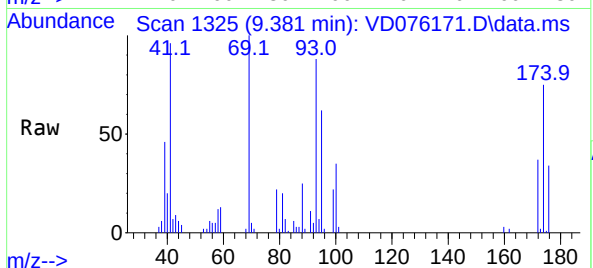




#49
1,4-Dioxane
Concen: 358.626 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

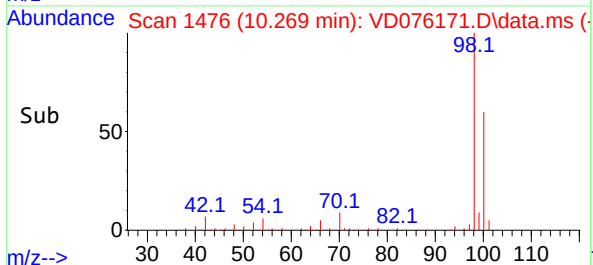
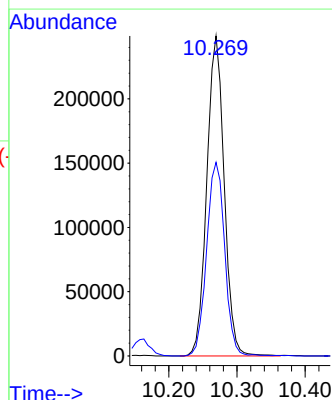
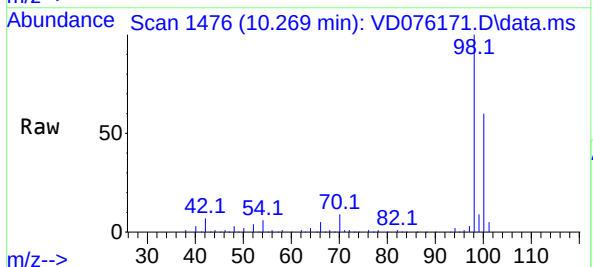
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

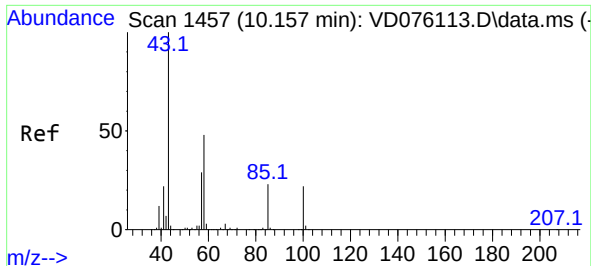
Tgt Ion: 88 Resp: 5776
Ion Ratio Lower Upper
88 100
43 31.1 34.6 51.8#
58 61.5 58.0 87.0



#50
Toluene-d8
Concen: 45.149 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 98 Resp: 441565
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1

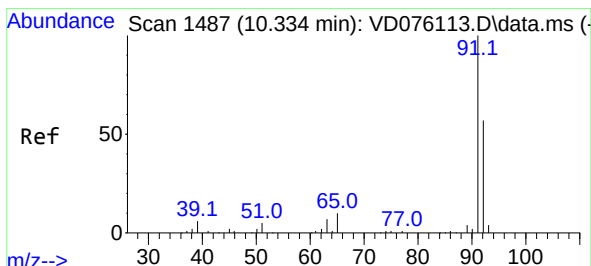
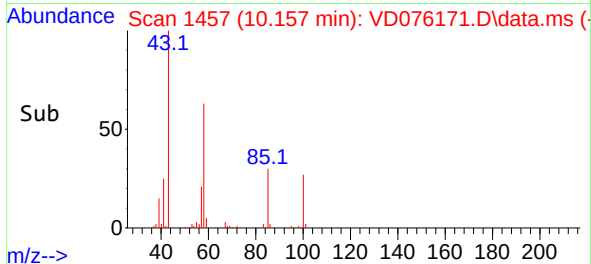
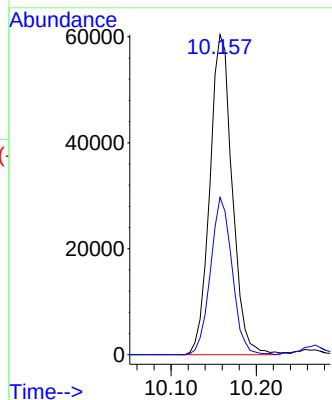
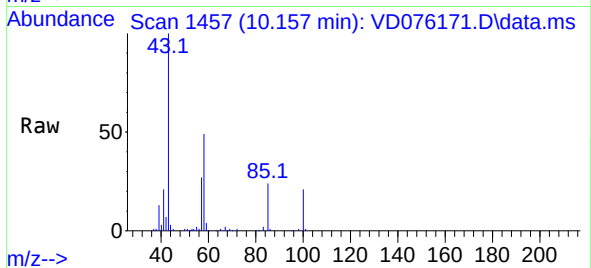




#51
4-Methyl-2-Pentanone
Concen: 94.549 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

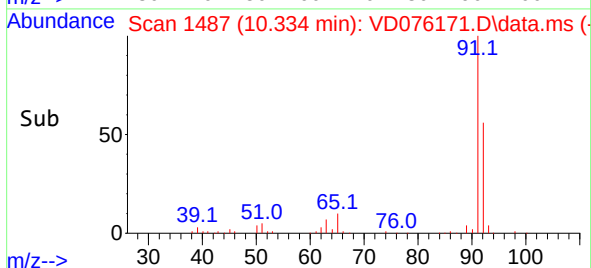
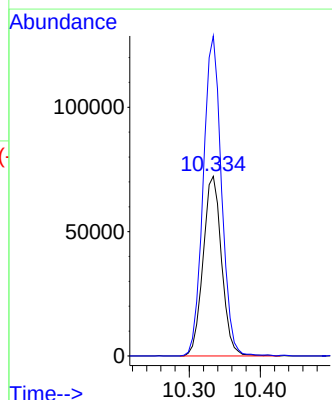
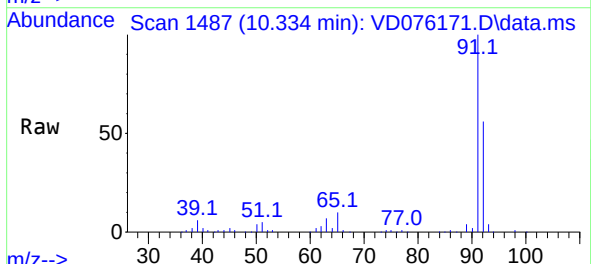
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

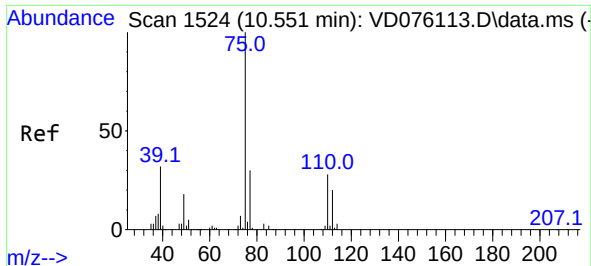
Tgt Ion: 43 Resp: 110215
Ion Ratio Lower Upper
43 100
58 47.4 29.5 44.3#



#52
Toluene
Concen: 19.267 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 92 Resp: 131087
Ion Ratio Lower Upper
92 100
91 175.7 136.5 204.7

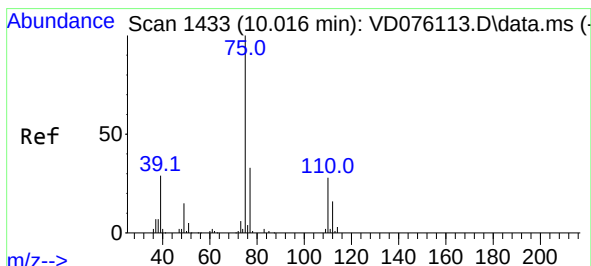
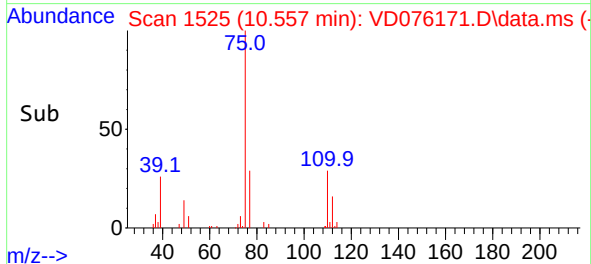
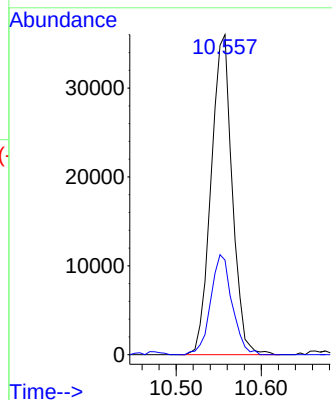
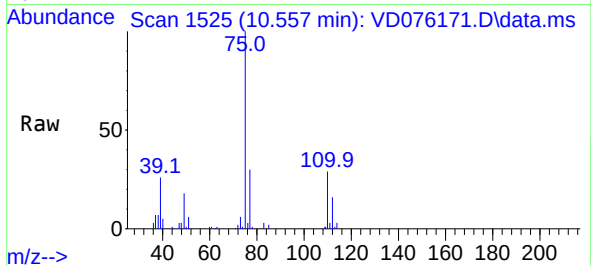




#53
t-1,3-Dichloropropene
Concen: 18.976 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

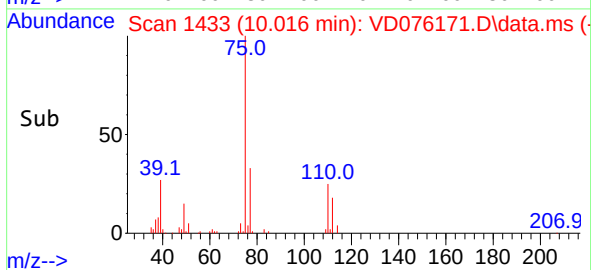
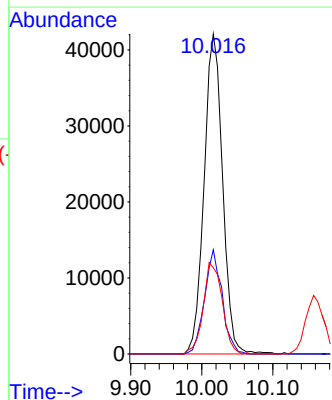
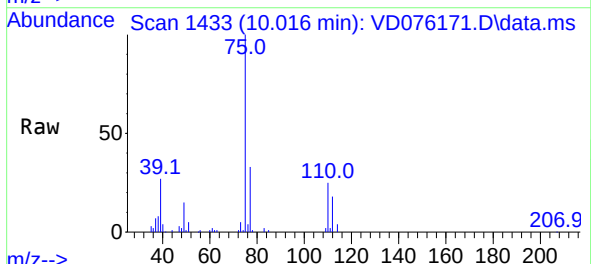
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

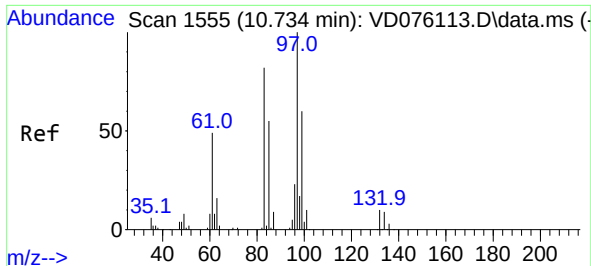
Tgt Ion: 75 Resp: 61909
Ion Ratio Lower Upper
75 100
77 29.5 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 19.182 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 75 Resp: 76369
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
39 26.9 44.8 67.2#

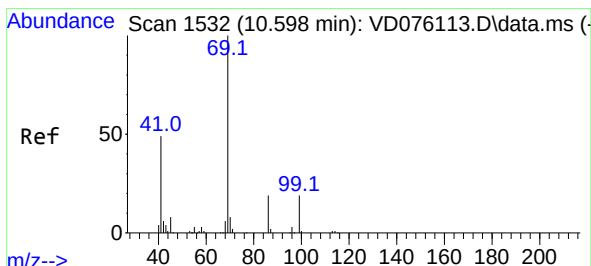
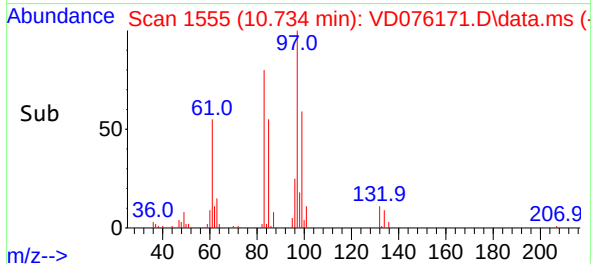
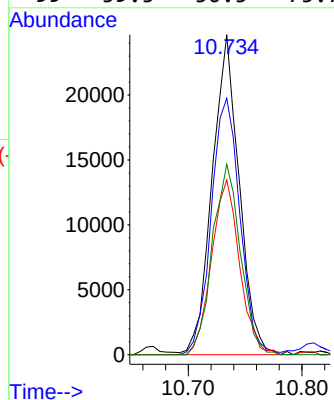
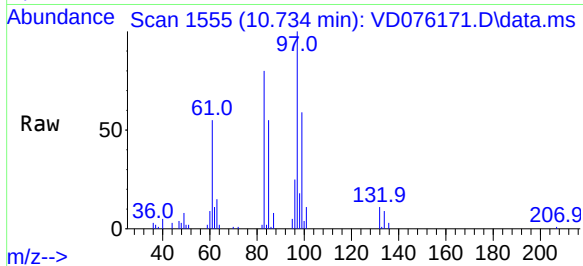




#55
1,1,2-Trichloroethane
Concen: 18.851 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

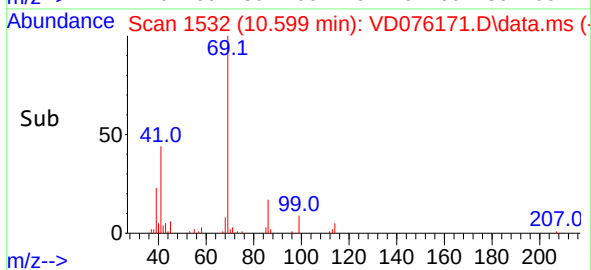
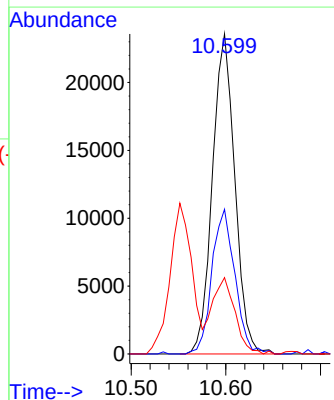
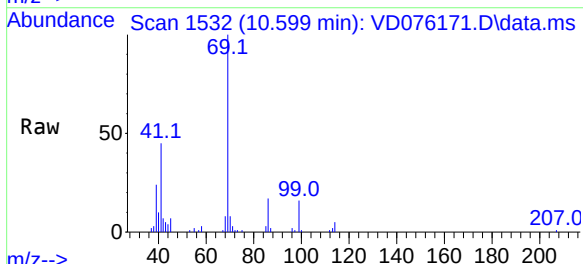
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

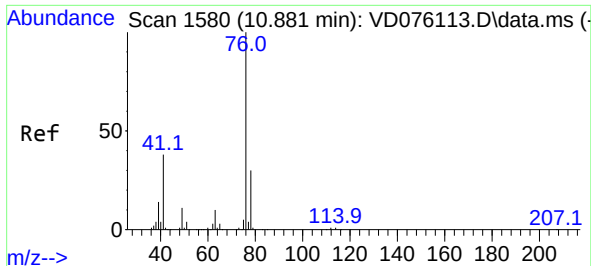
Tgt Ion: 97	Resp: 40714
Ion Ratio	Lower Upper
97 100	
83 80.1	74.2 111.4
85 54.6	45.4 68.0
99 59.5	50.5 75.7



#56
Ethyl methacrylate
Concen: 17.886 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 69	Resp: 38830
Ion Ratio	Lower Upper
69 100	
41 46.5	59.3 88.9#
39 24.7	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 18.922 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076171.D

Acq: 22 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

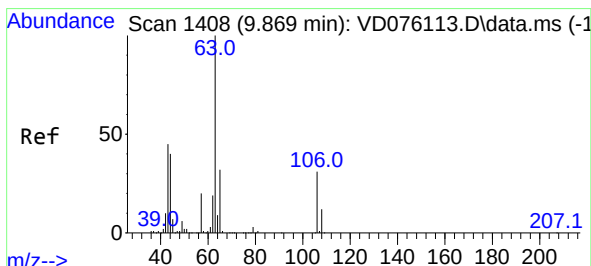
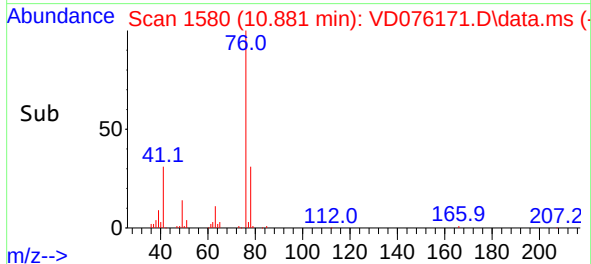
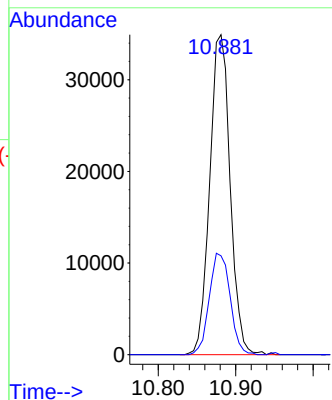
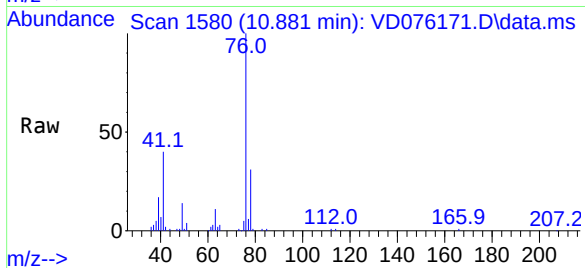
VD0522SBS01

Tgt Ion: 76 Resp: 64118

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.070 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076171.D

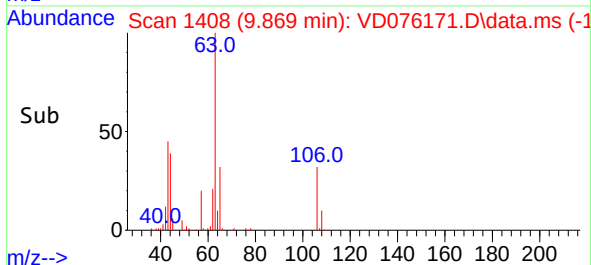
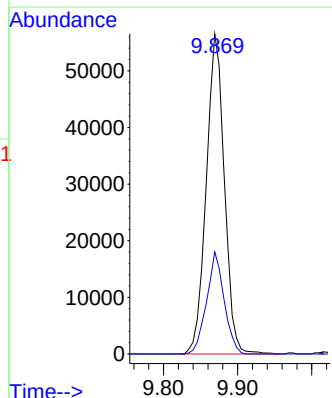
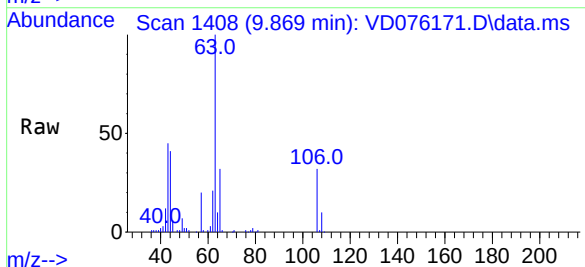
Acq: 22 May 2023 12:24

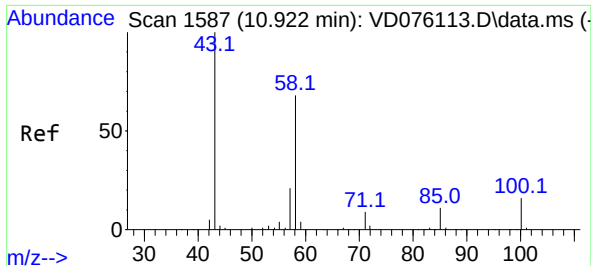
Tgt Ion: 63 Resp: 95902

Ion Ratio Lower Upper

63 100

106 30.9 21.4 32.2

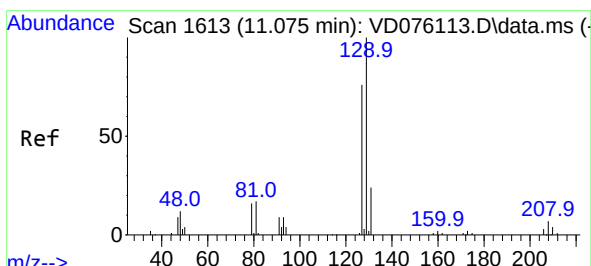
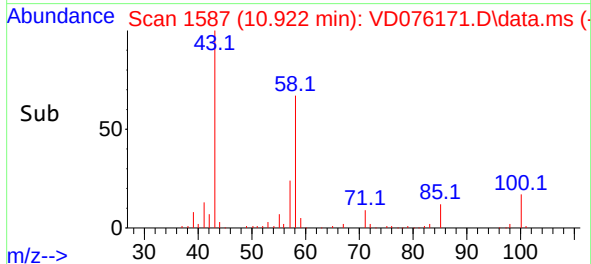
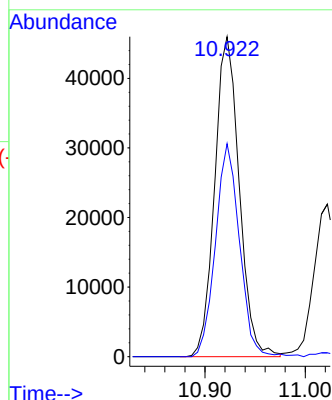
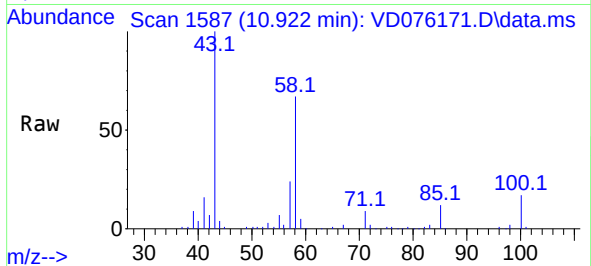




#59
2-Hexanone
Concen: 95.017 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

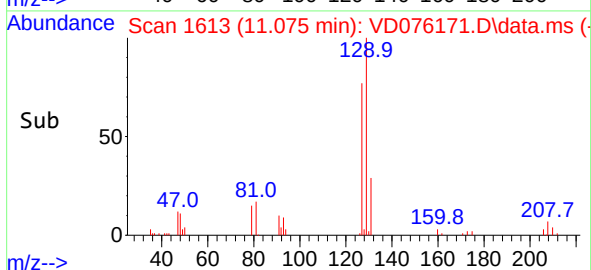
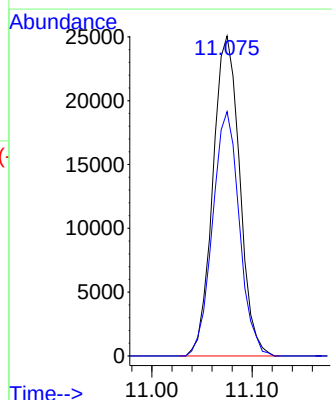
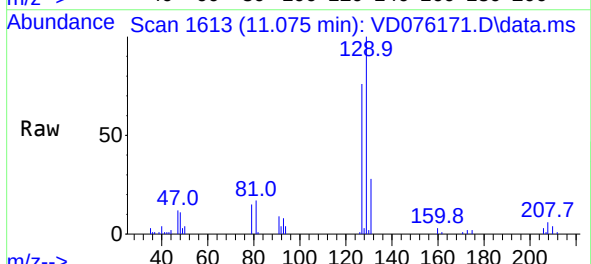
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

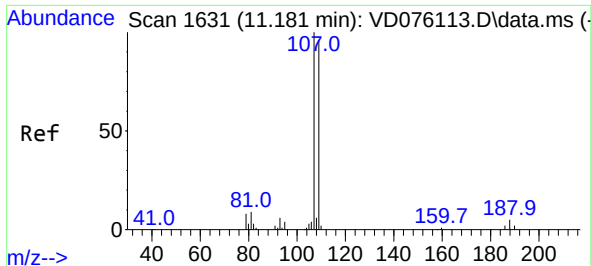
Tgt Ion: 43 Resp: 78111
Ion Ratio Lower Upper
43 100
58 65.1 25.3 75.8



#60
Dibromochloromethane
Concen: 19.134 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 129 Resp: 46467
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.5

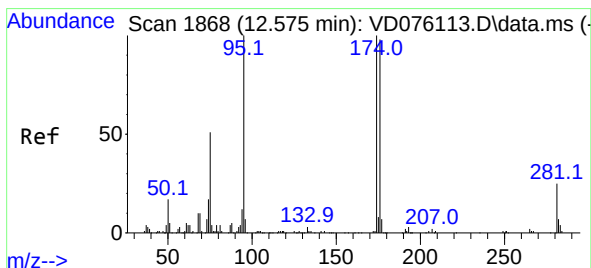
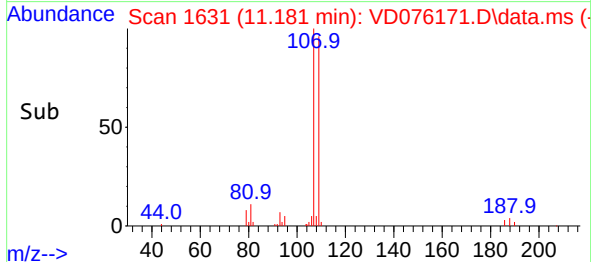
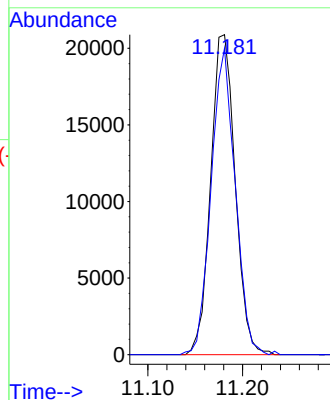
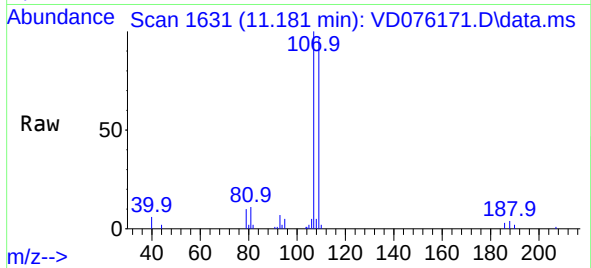




#61
1,2-Dibromoethane
Concen: 19.541 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

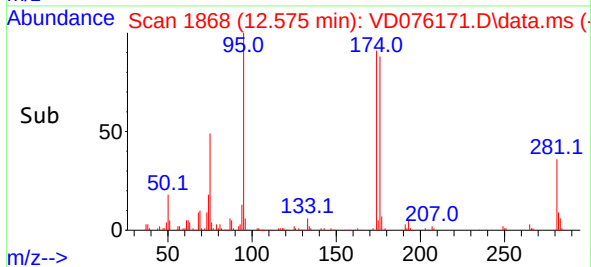
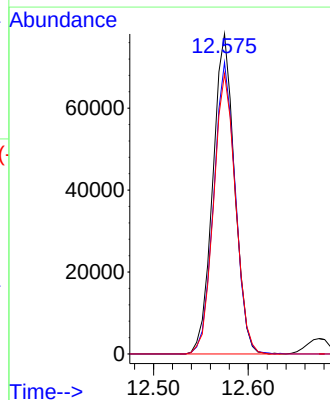
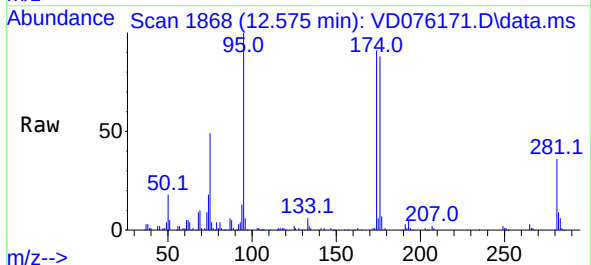
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

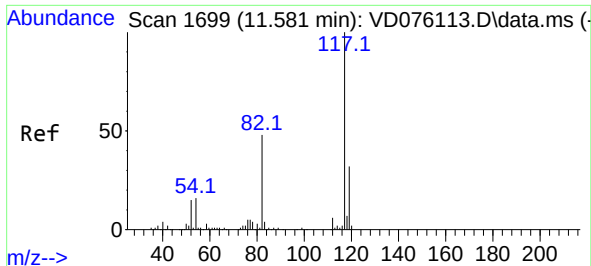
Tgt Ion:107 Resp: 37543
Ion Ratio Lower Upper
107 100
109 93.9 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 45.863 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

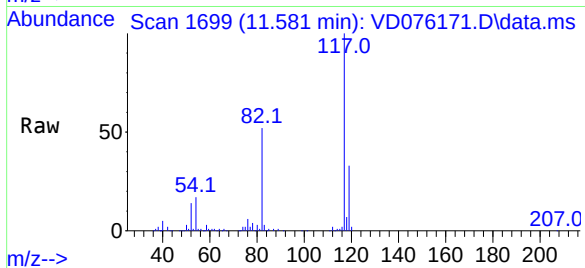
Tgt Ion: 95 Resp: 124599
Ion Ratio Lower Upper
95 100
174 90.4 0.0 164.0
176 88.2 0.0 156.8



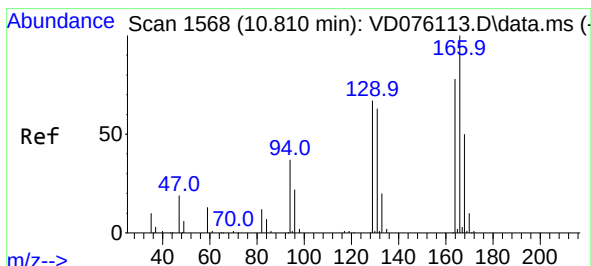
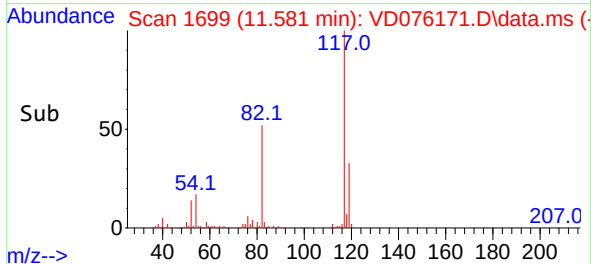
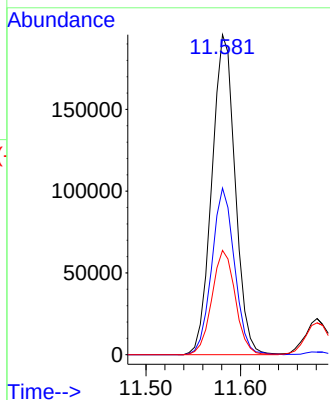


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

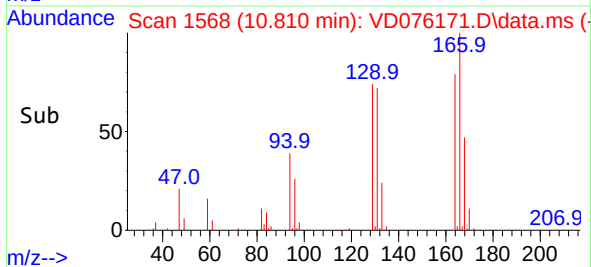
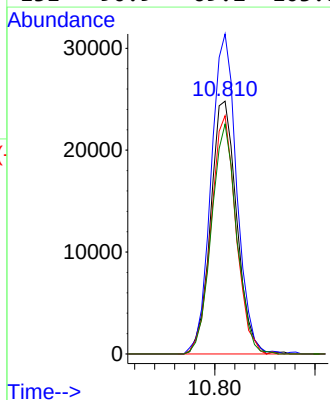
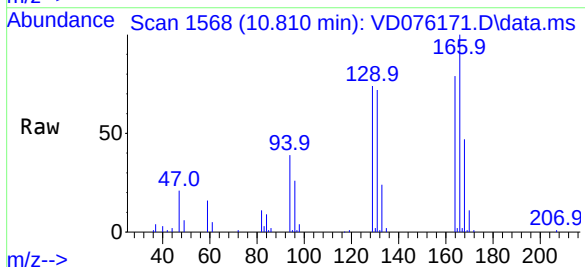


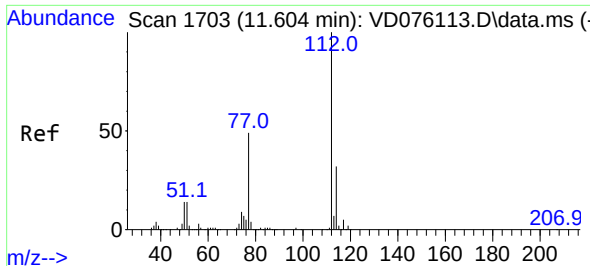
Tgt Ion:117 Resp: 334681
Ion Ratio Lower Upper
117 100
82 52.0 44.0 66.0
119 32.6 25.1 37.7



#64
Tetrachloroethene
Concen: 17.412 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:164 Resp: 44811
Ion Ratio Lower Upper
164 100
166 126.6 94.9 142.3
129 94.2 73.0 109.6
131 90.9 69.2 103.8

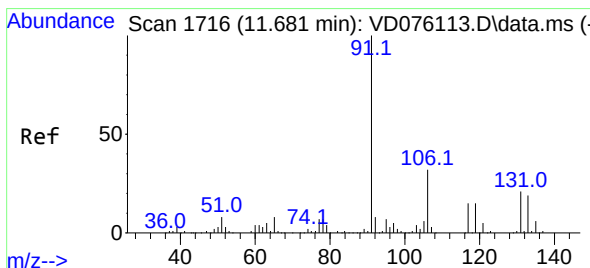
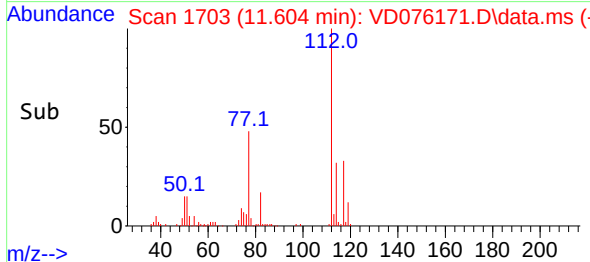
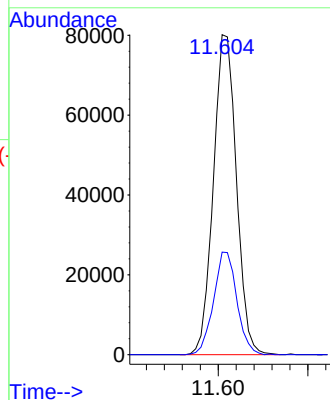
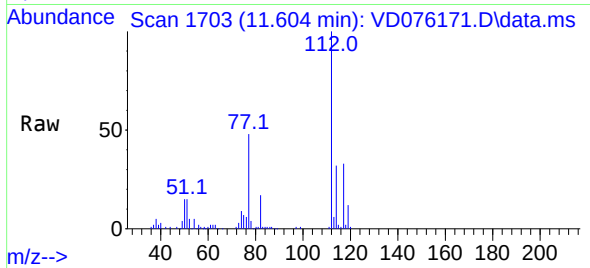




#65
Chlorobenzene
Concen: 18.752 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

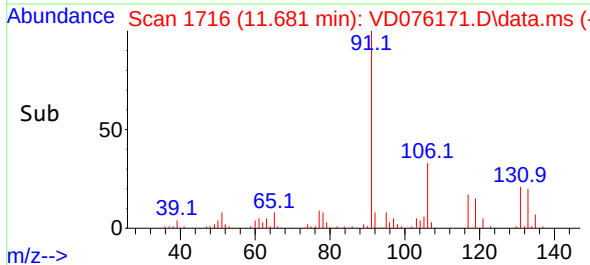
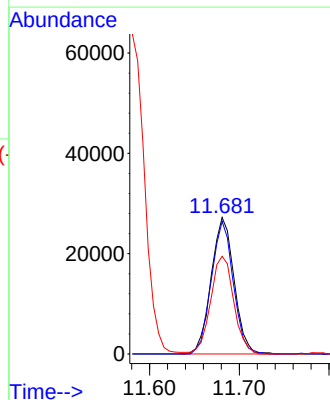
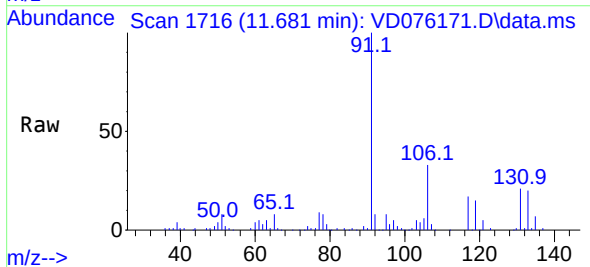
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

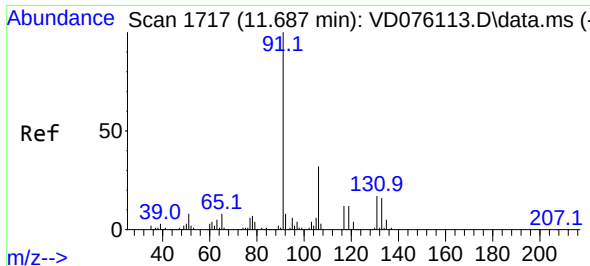
Tgt Ion:112 Resp: 142877
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.353 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:131 Resp: 48124
Ion Ratio Lower Upper
131 100
133 93.4 46.7 140.0
119 72.3 31.9 95.9

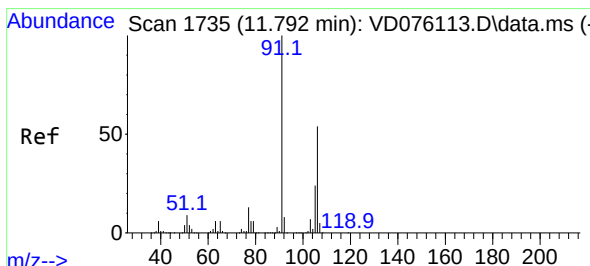
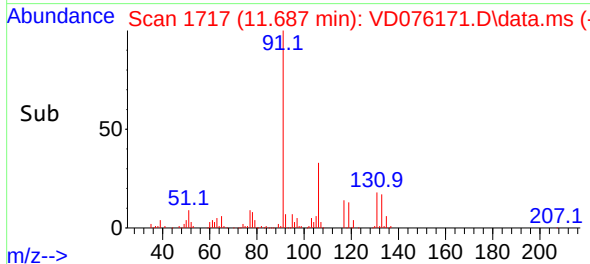
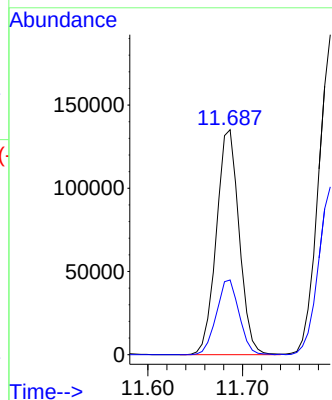
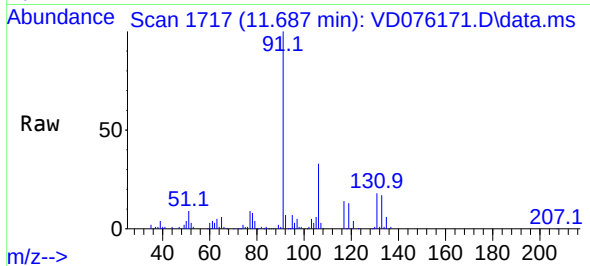




#67
Ethyl Benzene
Concen: 18.570 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

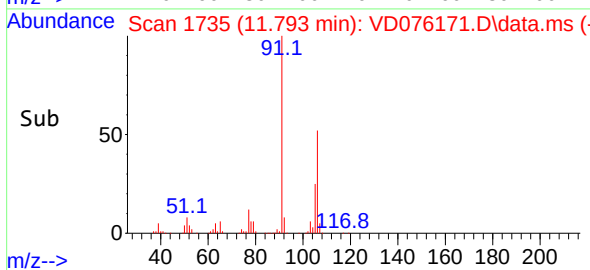
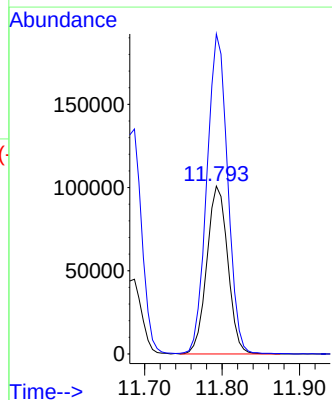
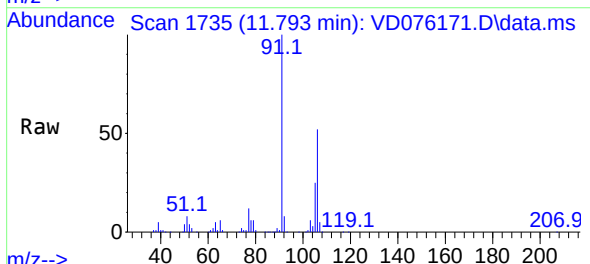
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

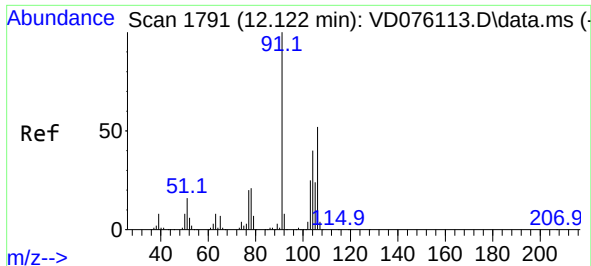
Tgt Ion: 91 Resp: 226087
Ion Ratio Lower Upper
91 100
106 33.2 24.5 36.7



#68
m/p-Xylenes
Concen: 38.041 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 106 Resp: 189290
Ion Ratio Lower Upper
106 100
91 189.6 161.5 242.3

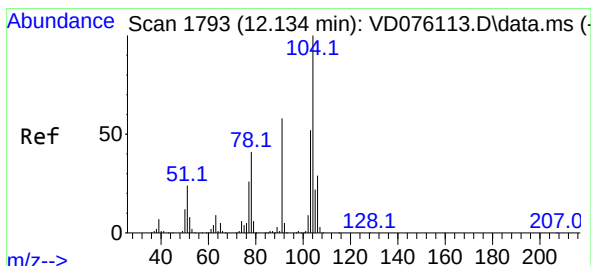
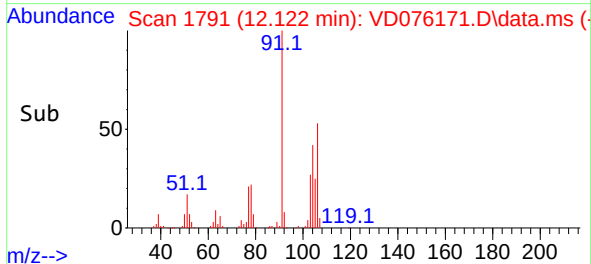
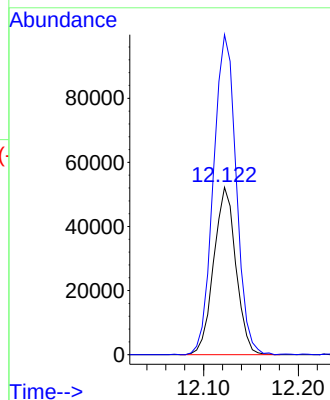
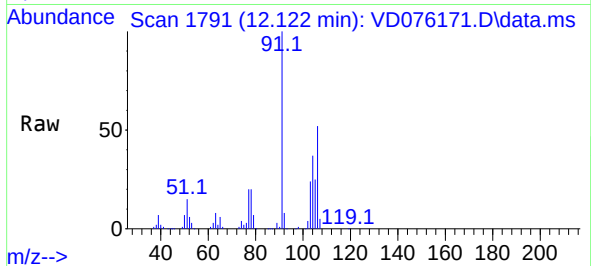




#69
o-Xylene
Concen: 18.696 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

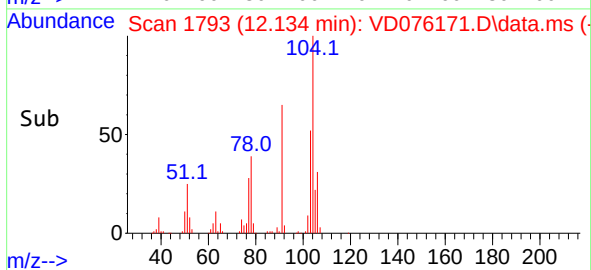
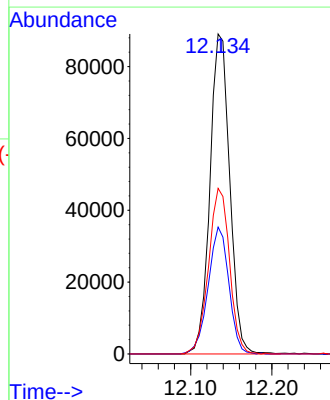
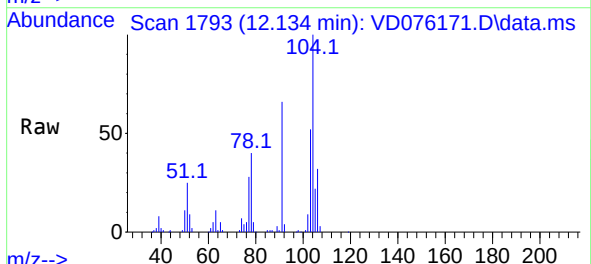
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

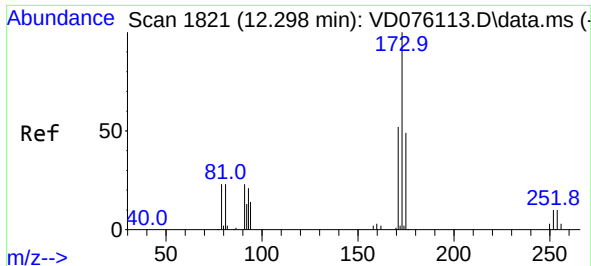
Tgt Ion:106 Resp: 84887
Ion Ratio Lower Upper
106 100
91 196.6 105.7 317.1



#70
Styrene
Concen: 19.154 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:104 Resp: 150778
Ion Ratio Lower Upper
104 100
78 41.5 40.2 60.4
103 54.9 44.2 66.2

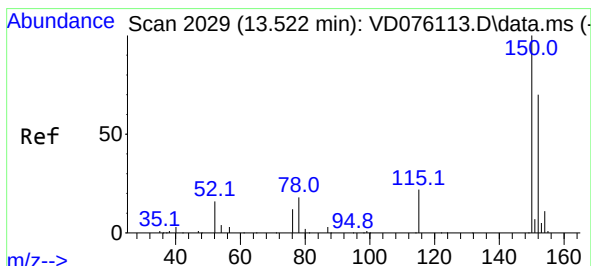
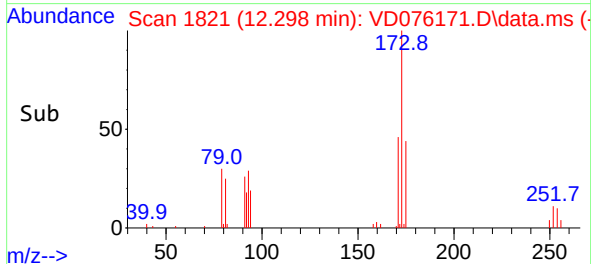
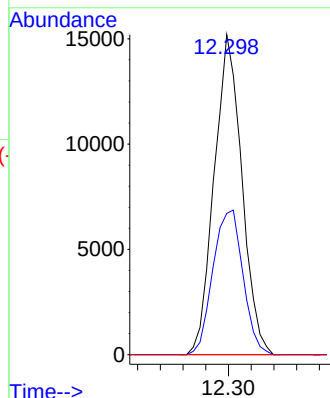
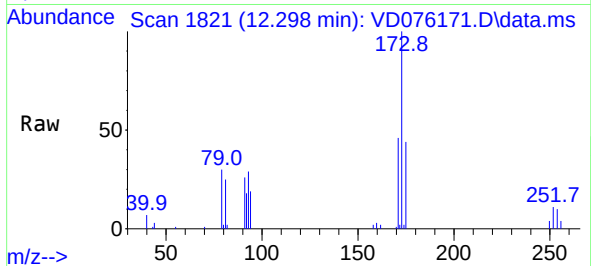




#71
Bromoform
Concen: 17.450 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

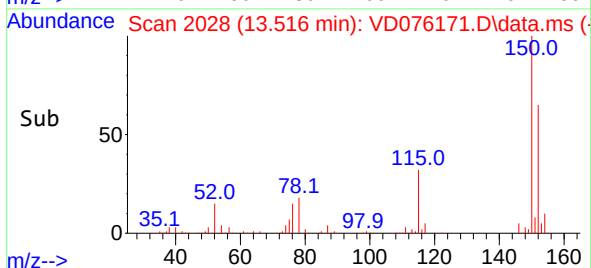
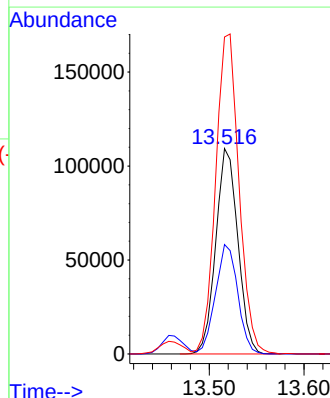
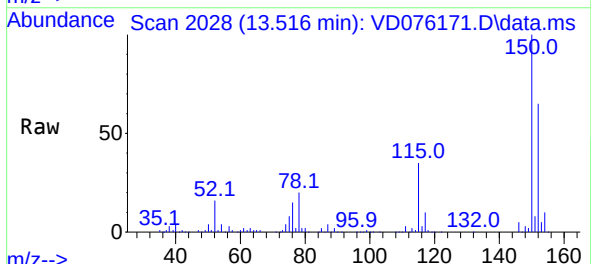
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

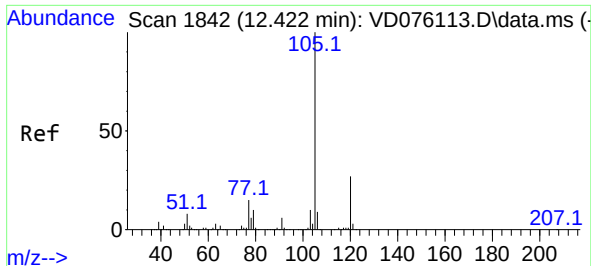
Tgt Ion:173 Resp: 25736
Ion Ratio Lower Upper
173 100
175 48.9 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:152 Resp: 177259
Ion Ratio Lower Upper
152 100
115 53.6 30.1 90.3
150 164.6 0.0 364.8

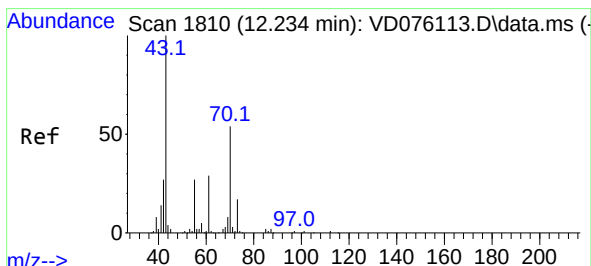
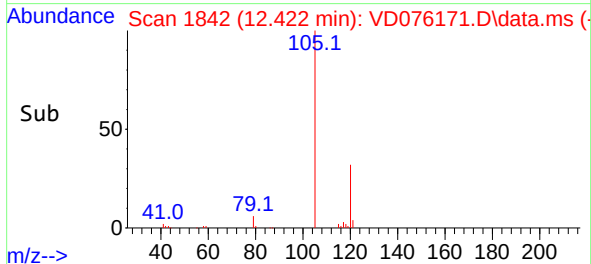
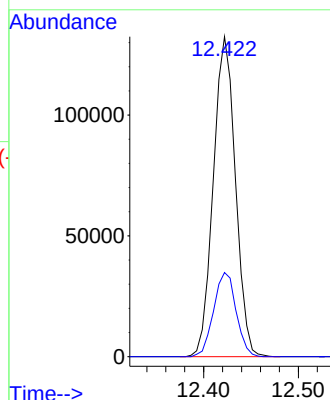
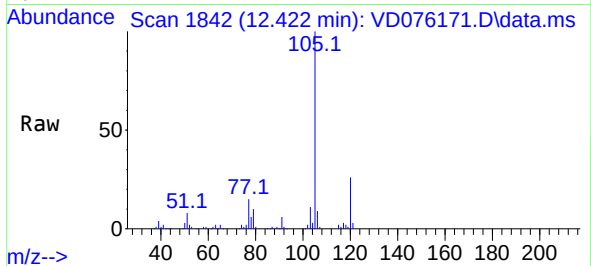




#73
Isopropylbenzene
Concen: 18.300 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

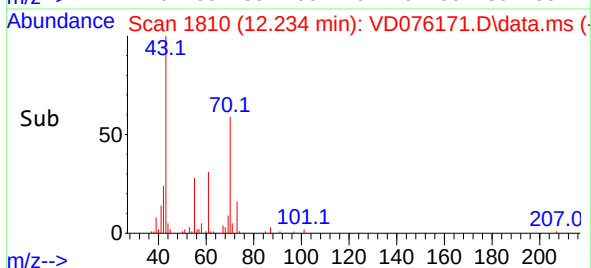
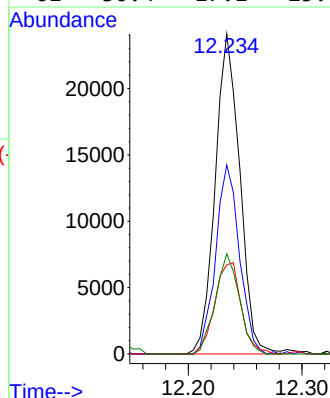
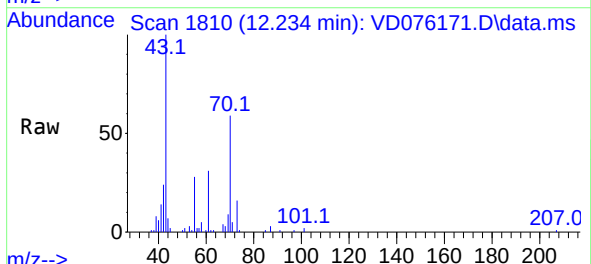
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

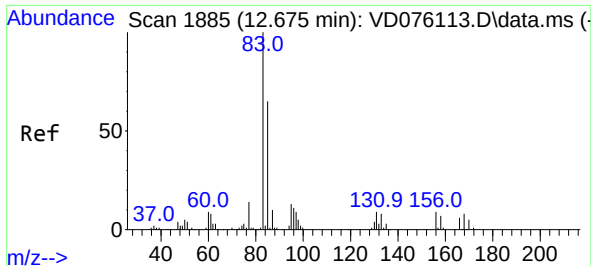
Tgt Ion:105 Resp: 214579
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 17.379 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 43 Resp: 36298
Ion Ratio Lower Upper
43 100
70 57.2 31.0 46.4#
55 30.7 18.6 28.0#
61 30.4 17.1 25.7#

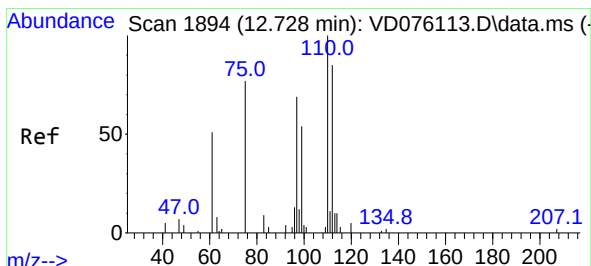
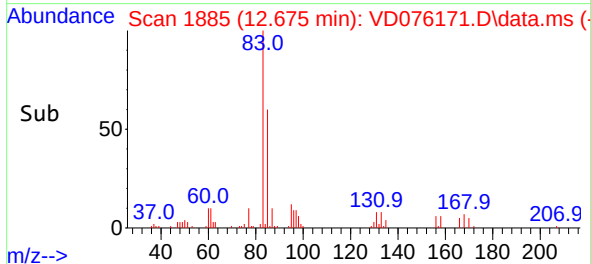
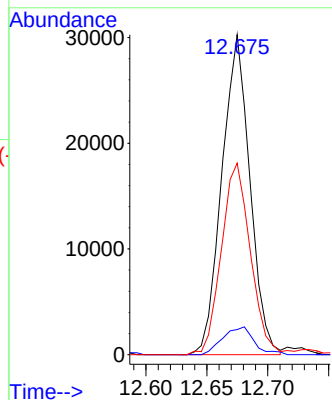
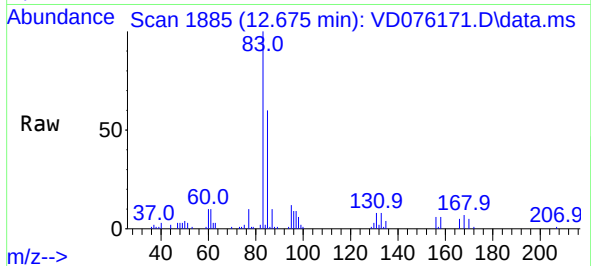




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.233 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076171.D
 Acq: 22 May 2023 12:24

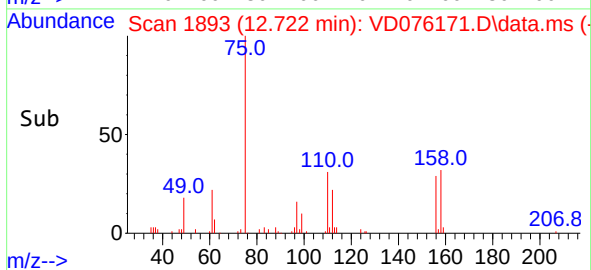
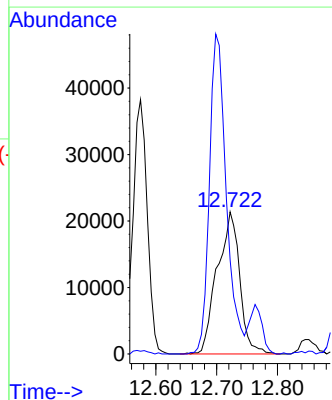
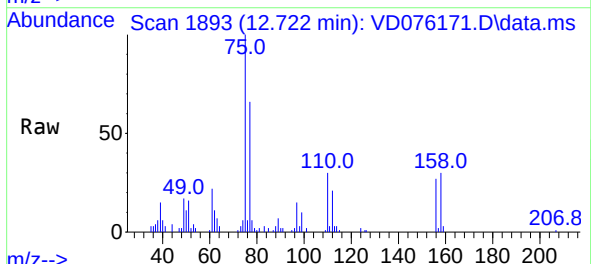
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

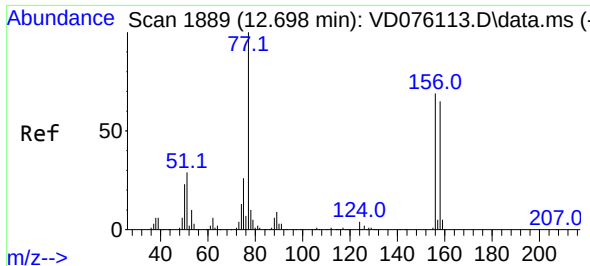
Tgt Ion: 83 Resp: 48470
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.1 15.2
 85 62.2 33.6 100.6



#76
 1,2,3-Trichloropropane
 Concen: 35.406 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD076171.D
 Acq: 22 May 2023 12:24

Tgt Ion: 75 Resp: 54921
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

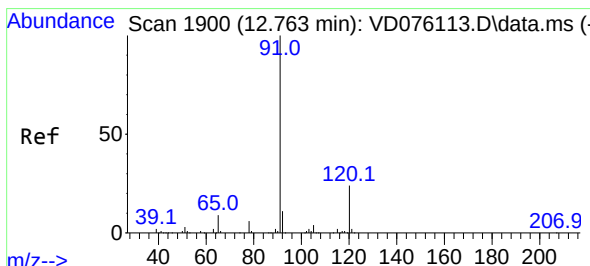
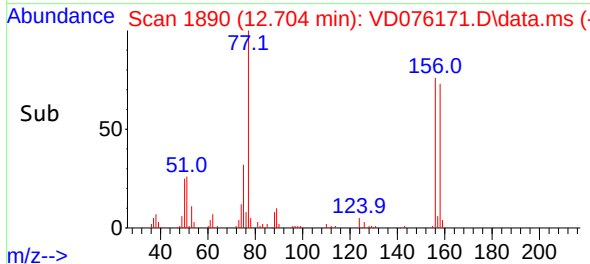
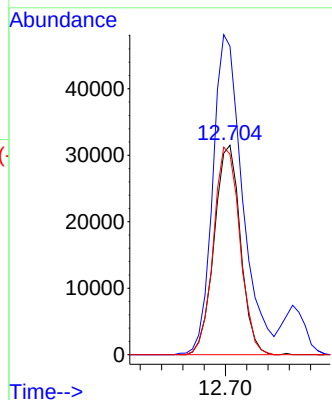
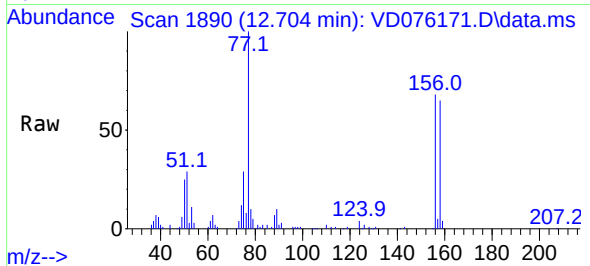




#77
Bromobenzene
Concen: 17.134 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

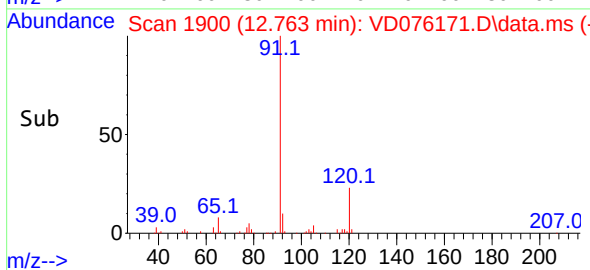
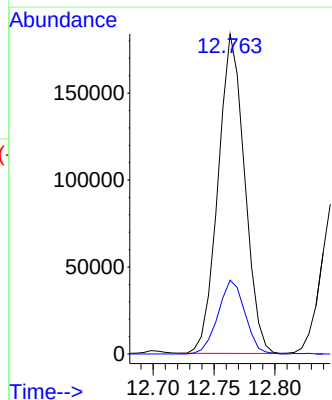
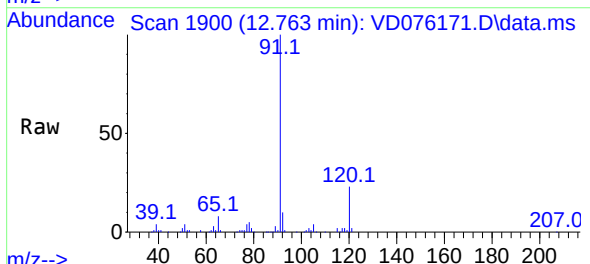
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

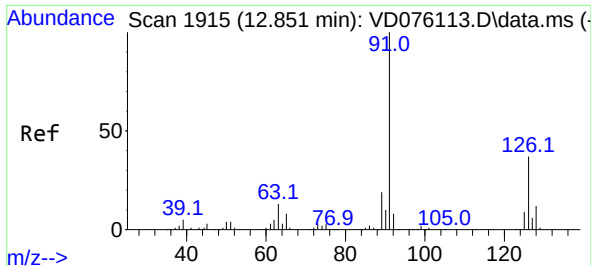
Tgt Ion:156 Resp: 53849
Ion Ratio Lower Upper
156 100
77 172.6 89.5 268.6
158 99.9 47.8 143.4



#78
n-propylbenzene
Concen: 19.046 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 91 Resp: 277992
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2

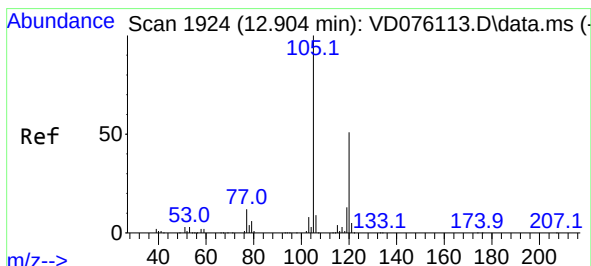
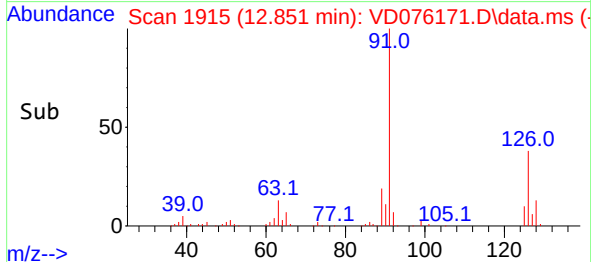
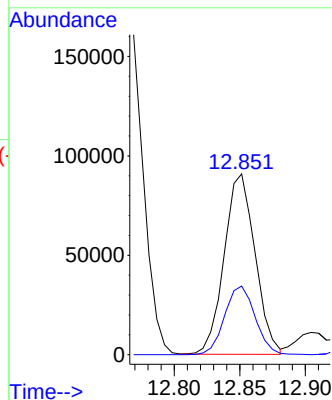
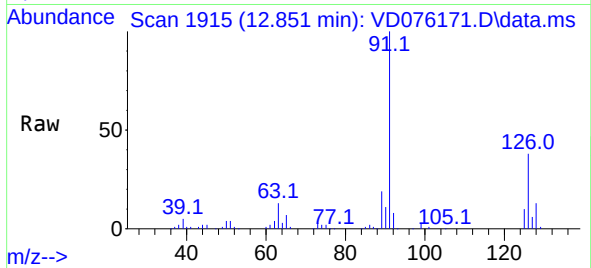




#79
2-Chlorotoluene
Concen: 18.433 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

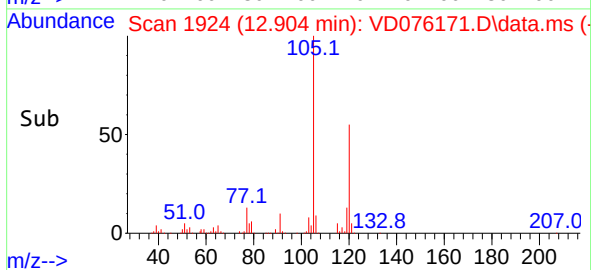
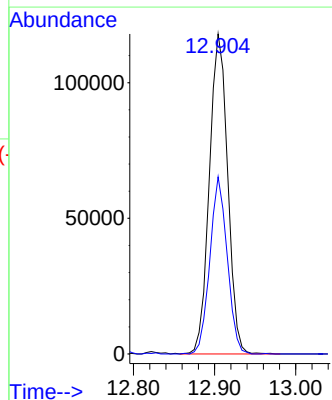
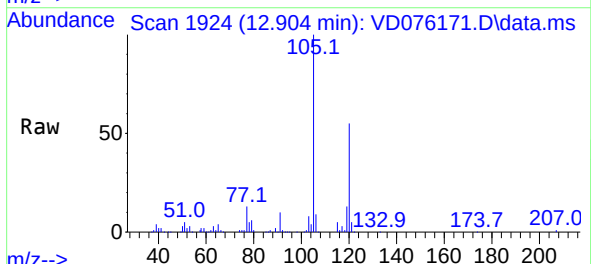
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

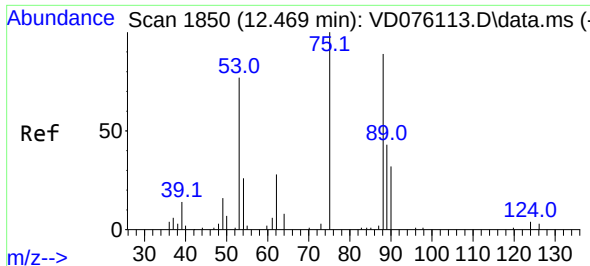
Tgt Ion: 91 Resp: 148900
Ion Ratio Lower Upper
91 100
126 37.6 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 18.998 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 105 Resp: 184674
Ion Ratio Lower Upper
105 100
120 52.4 24.3 72.8

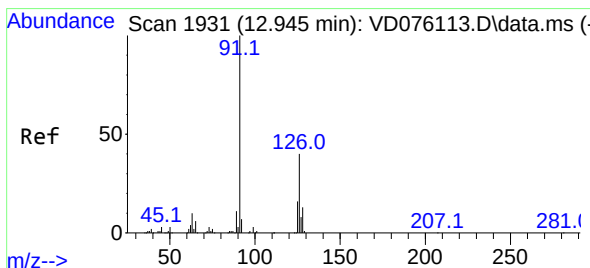
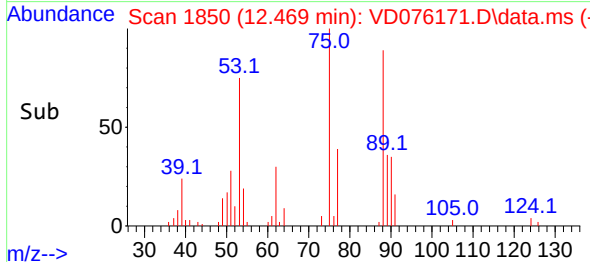
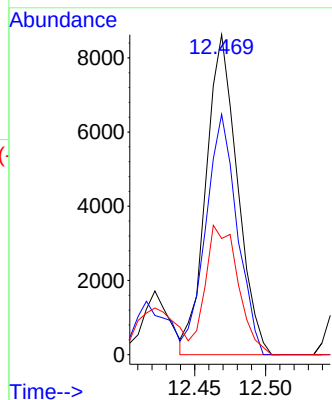
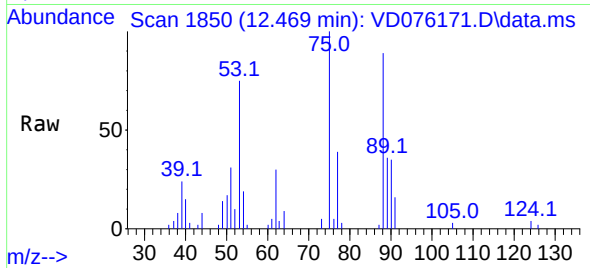




#81
trans-1,4-Dichloro-2-butene
Concen: 17.912 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

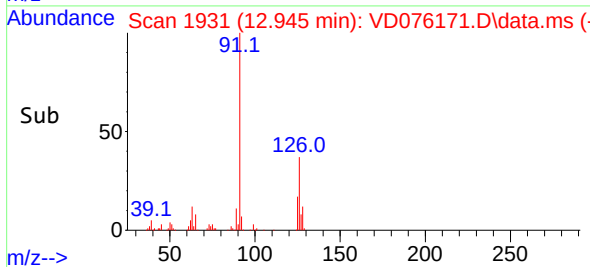
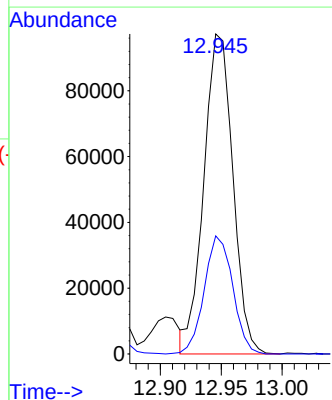
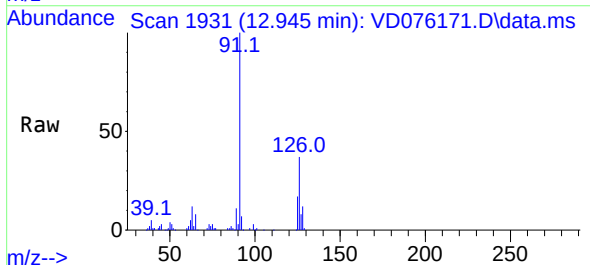
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

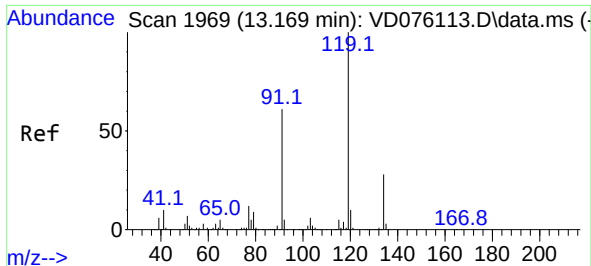
Tgt Ion: 75 Resp: 13244
Ion Ratio Lower Upper
75 100
53 75.0 90.5 135.7#
89 42.0 40.2 60.4



#82
4-Chlorotoluene
Concen: 18.808 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 91 Resp: 161601
Ion Ratio Lower Upper
91 100
126 36.2 17.1 51.2

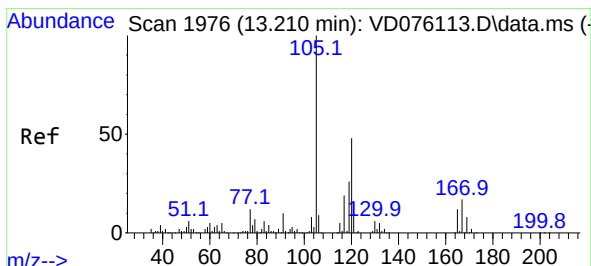
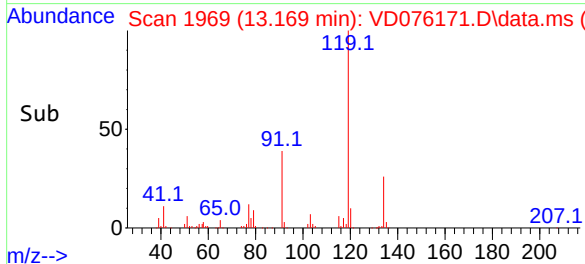
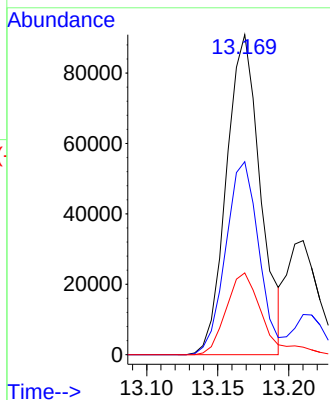
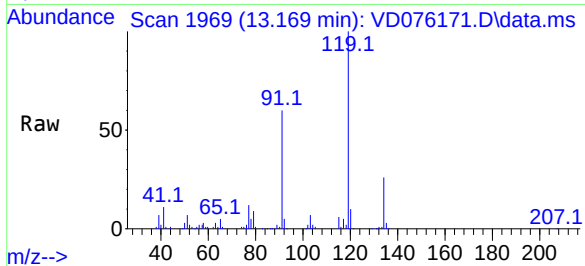




#83
tert-Butylbenzene
Concen: 18.462 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

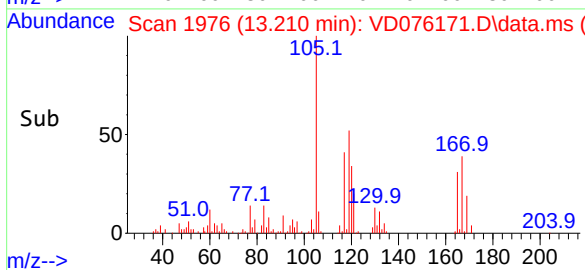
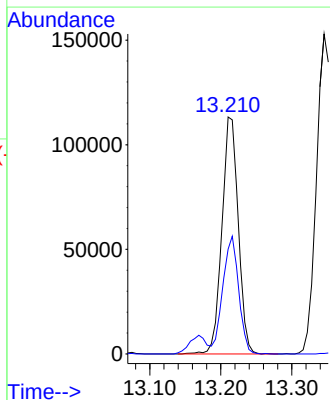
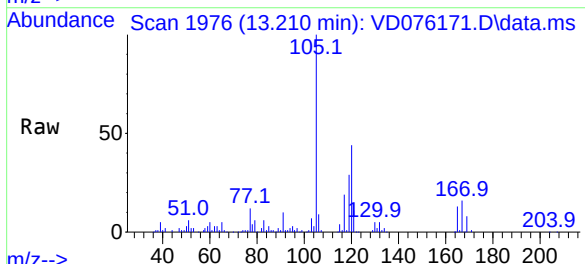
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

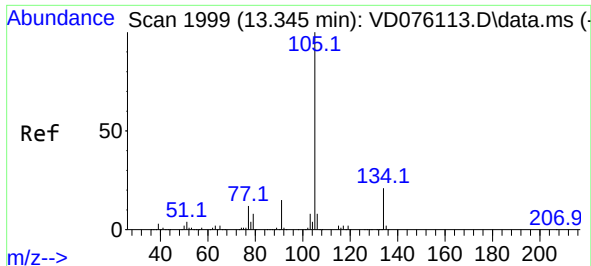
Tgt Ion:119 Resp: 151666
Ion Ratio Lower Upper
119 100
91 58.7 32.4 97.0
134 27.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 18.646 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:105 Resp: 180507
Ion Ratio Lower Upper
105 100
120 48.1 22.3 66.9

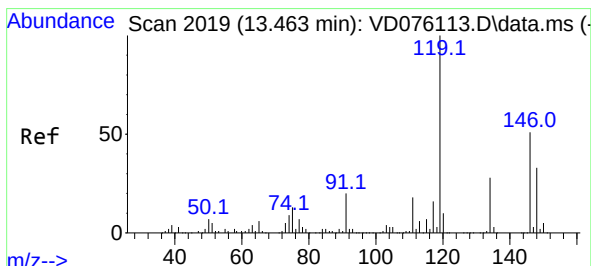
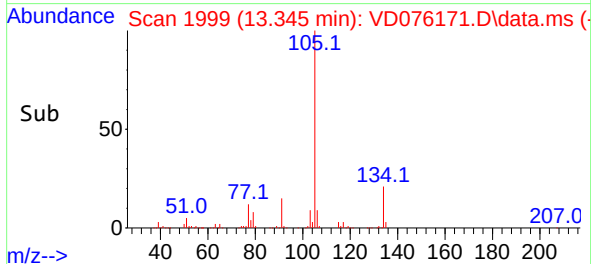
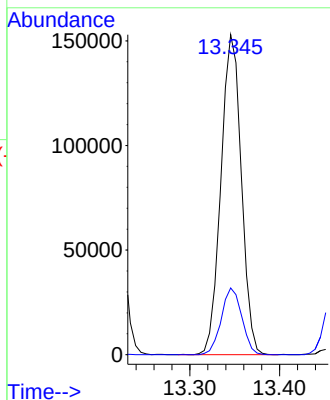
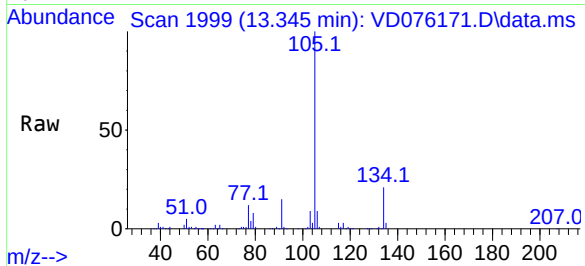




#85
sec-Butylbenzene
Concen: 18.836 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

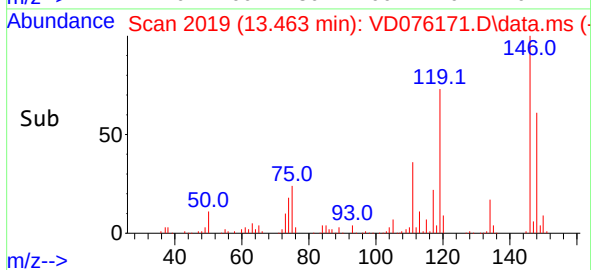
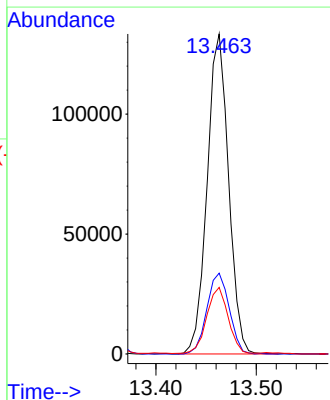
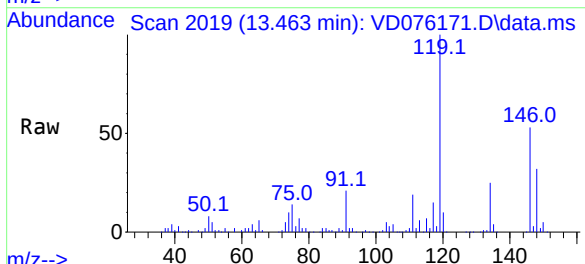
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

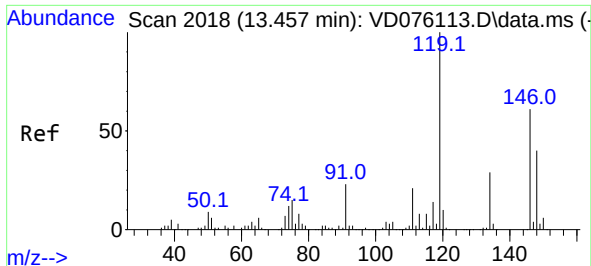
Tgt Ion:105 Resp: 241151
Ion Ratio Lower Upper
105 100
134 21.0 9.9 29.7



#86
p-Isopropyltoluene
Concen: 18.942 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:119 Resp: 198432
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.3
91 20.6 12.4 37.4

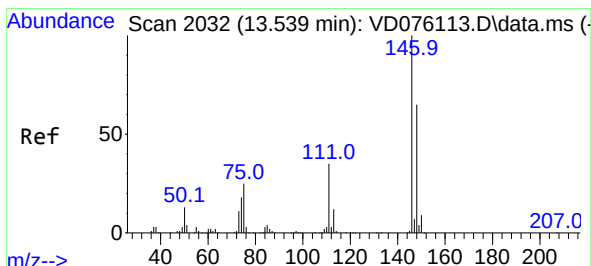
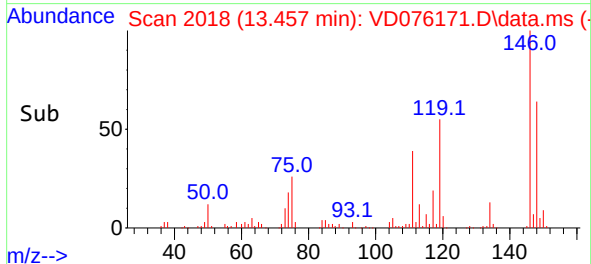
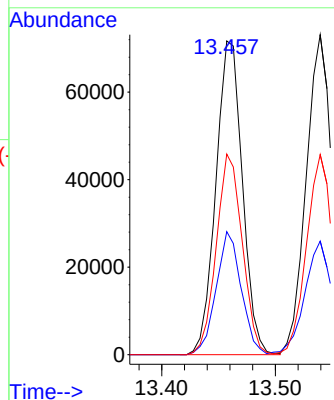
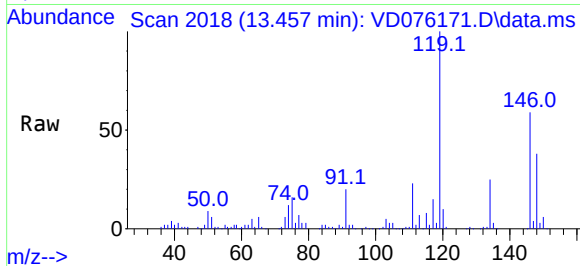




#87
1,3-Dichlorobenzene
Concen: 18.357 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

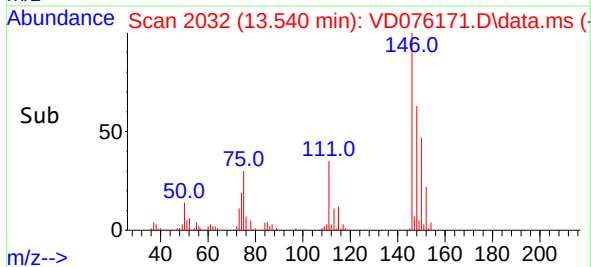
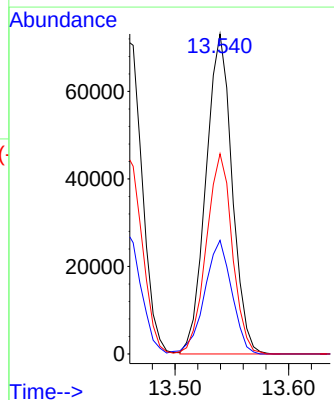
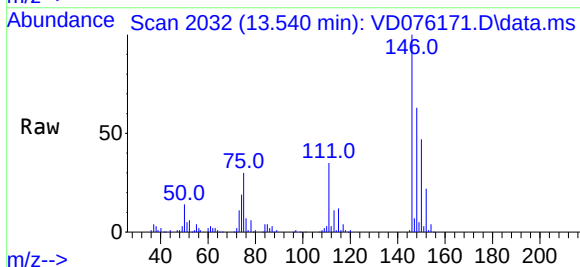
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

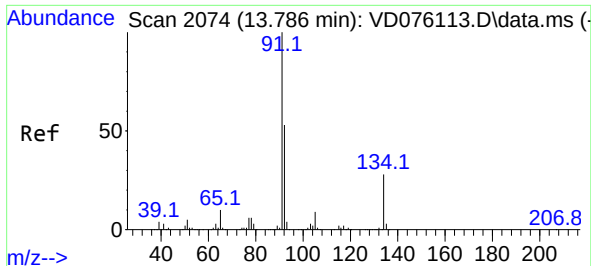
Tgt Ion:146 Resp: 116650
Ion Ratio Lower Upper
146 100
111 37.0 19.8 59.3
148 62.6 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 18.616 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:146 Resp: 117136
Ion Ratio Lower Upper
146 100
111 36.9 19.6 58.8
148 62.2 31.7 95.1

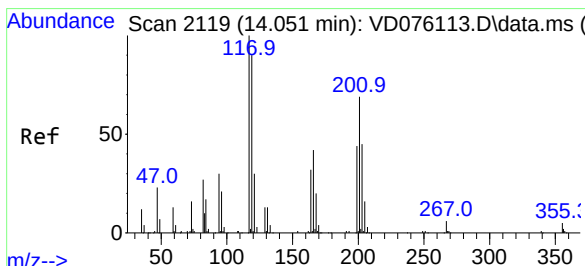
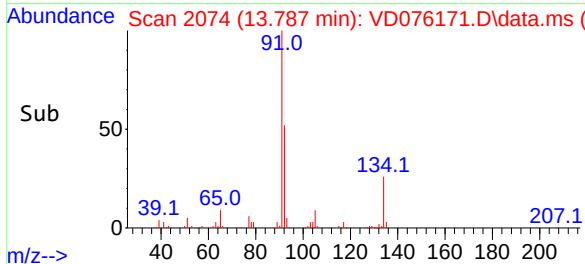
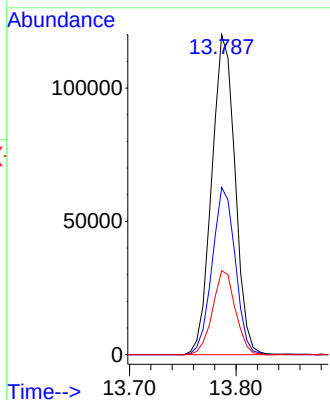
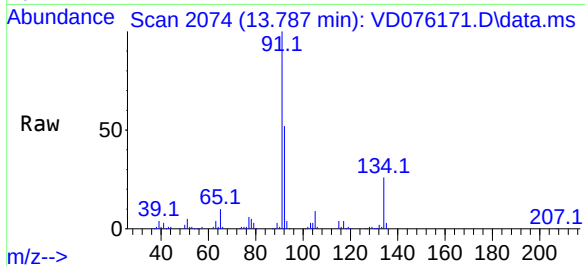




#89
n-Butylbenzene
Concen: 18.493 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

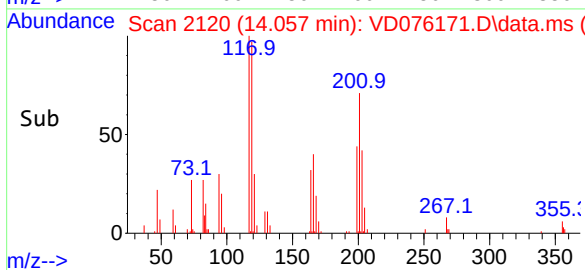
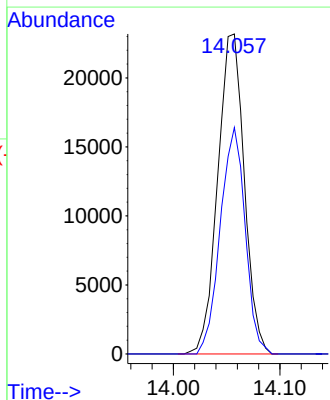
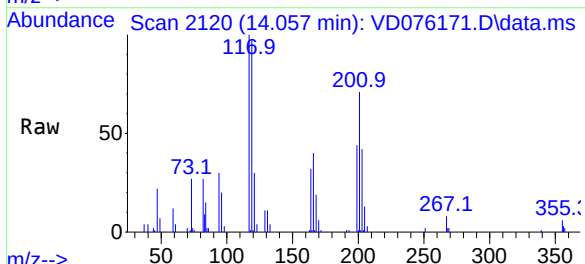
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

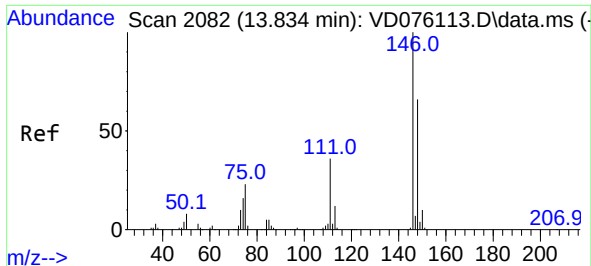
Tgt Ion: 91 Resp: 182566
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 25.7 12.7 38.0



#90
Hexachloroethane
Concen: 18.634 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion: 117 Resp: 40154
Ion Ratio Lower Upper
117 100
201 66.2 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 18.167 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076171.D

Acq: 22 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBS01

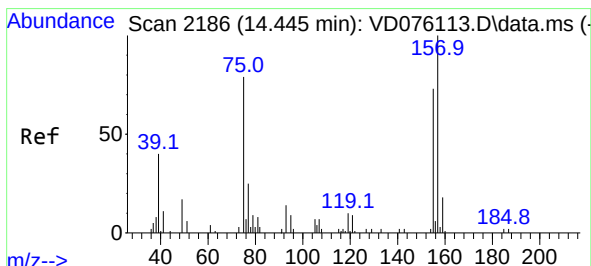
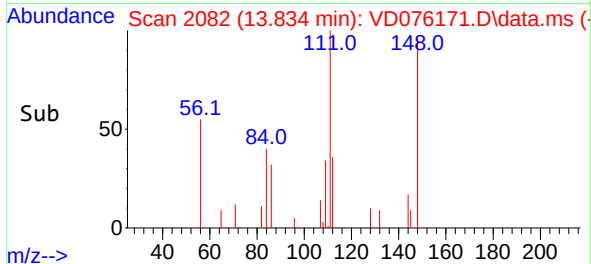
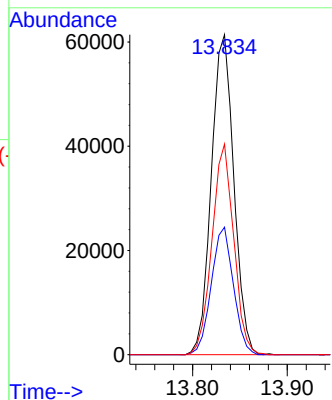
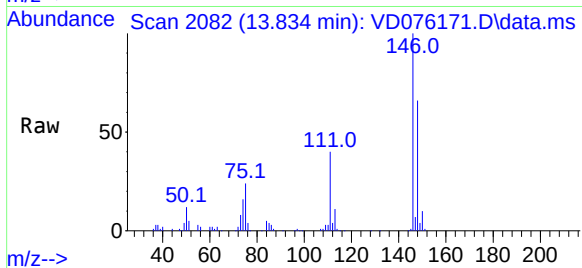
Tgt Ion:146 Resp: 101308

Ion Ratio Lower Upper

146 100

111 39.2 20.6 61.8

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.256 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076171.D

Acq: 22 May 2023 12:24

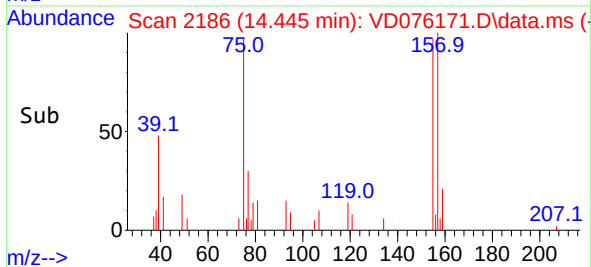
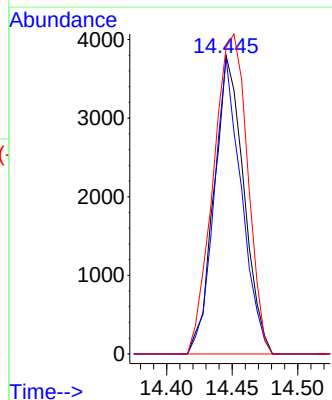
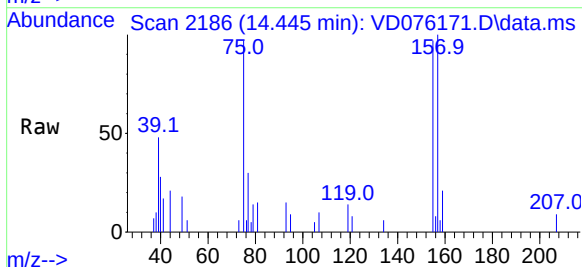
Tgt Ion: 75 Resp: 5974

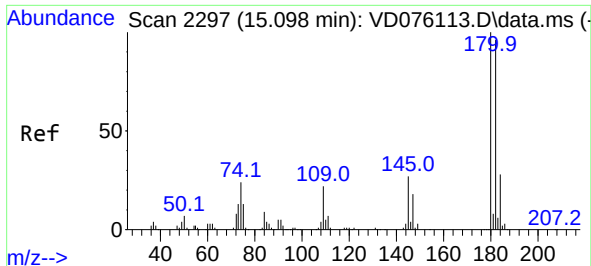
Ion Ratio Lower Upper

75 100

155 91.5 39.5 118.5

157 123.9 53.5 160.7

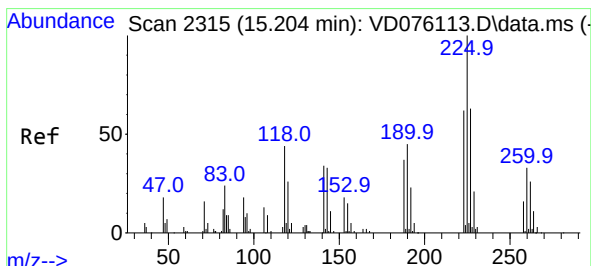
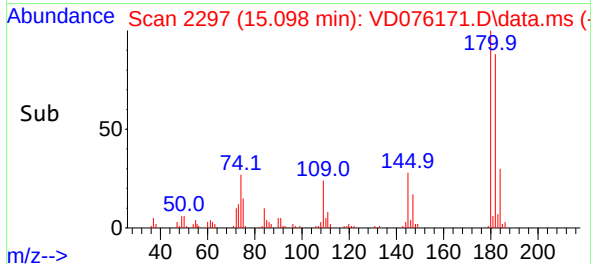
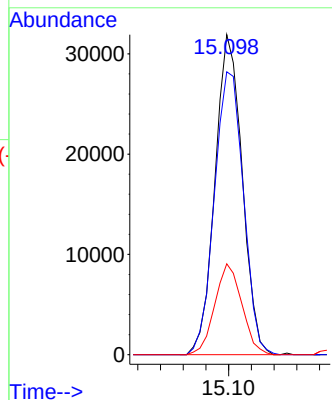
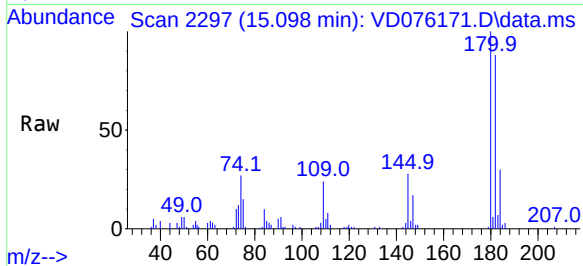




#93
1,2,4-Trichlorobenzene
Concen: 16.318 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

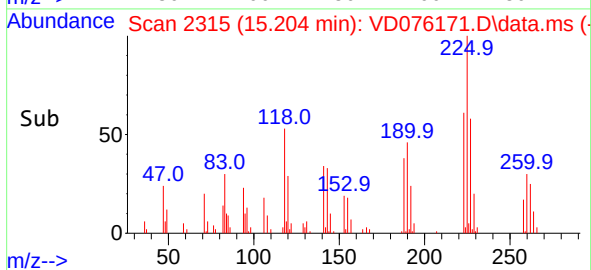
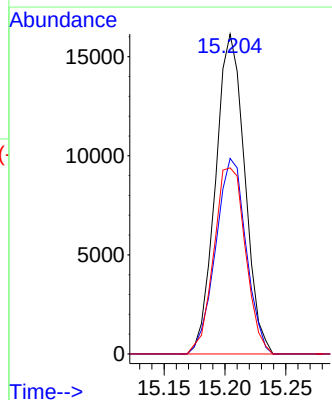
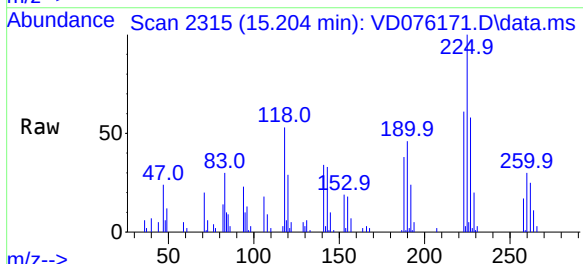
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

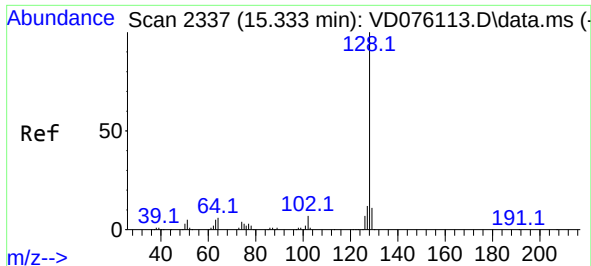
Tgt Ion:180 Resp: 52933
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.7
145 28.3 15.9 47.7



#94
Hexachlorobutadiene
Concen: 16.273 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:225 Resp: 26913
Ion Ratio Lower Upper
225 100
223 63.7 33.1 99.2
227 63.1 31.9 95.9

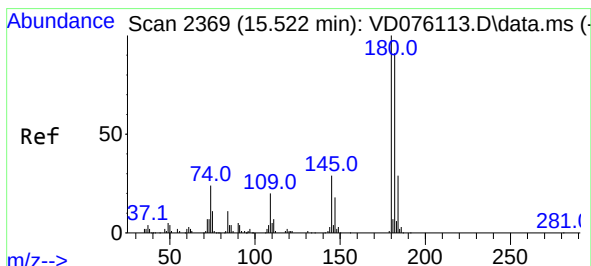
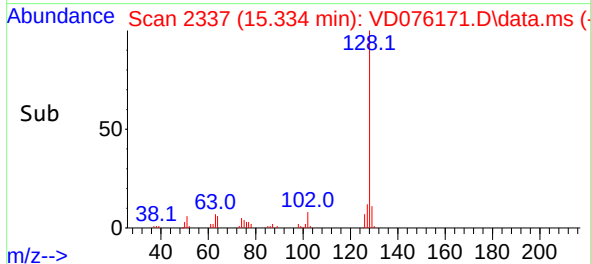
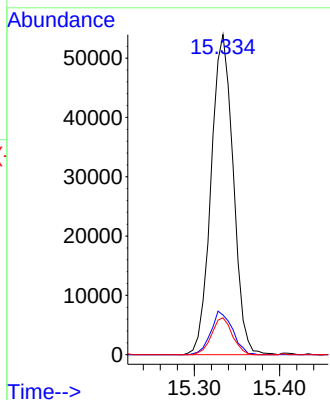
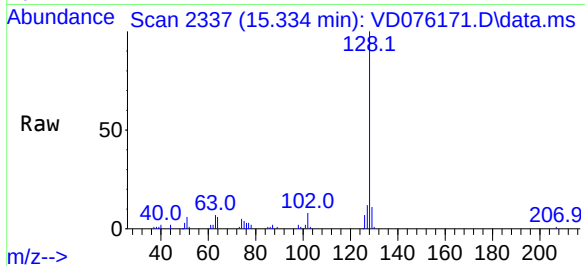




#95
Naphthalene
Concen: 16.153 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBS01

Tgt Ion:	128	Resp:	97355
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.358 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076171.D
Acq: 22 May 2023 12:24

Tgt Ion:	180	Resp:	48257
Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.7	143.1
145	29.6	16.4	49.4

