

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
 Data File : VD076271.D
 Acq On : 30 May 2023 12:59
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 02:19:06 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	199951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87894	45.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.960%
35) Dibromofluoromethane	7.805	113	108078	47.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.269	98	399591	45.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.720%
62) 4-Bromofluorobenzene	12.575	95	119555	48.854	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	83666	46.395	ug/l	96
3) Chloromethane	2.146	50	153046	51.840	ug/l	98
4) Vinyl Chloride	2.281	62	199984	51.421	ug/l	97
5) Bromomethane	2.687	94	126723	48.398	ug/l	97
6) Chloroethane	2.828	64	142929	54.626	ug/l	97
7) Trichlorofluoromethane	3.170	101	166640	50.551	ug/l	98
8) Diethyl Ether	3.587	74	56705	52.308	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.964	101	111100	51.166	ug/l	97
10) Methyl Iodide	4.158	142	130538	57.819	ug/l #	88
11) Tert butyl alcohol	5.052	59	29817	291.682	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	108993	50.435	ug/l	90
13) Acrolein	3.793	56	72557	290.012	ug/l	100
14) Allyl chloride	4.564	41	112061	51.094	ug/l #	79
15) Acrylonitrile	5.246	53	124622	277.643	ug/l	97
16) Acetone	4.022	43	115936	301.532	ug/l #	79
17) Carbon Disulfide	4.264	76	262640	44.601	ug/l	100
18) Methyl Acetate	4.564	43	75479	55.032	ug/l #	81
19) Methyl tert-butyl Ether	5.316	73	239180	56.546	ug/l	99
20) Methylene Chloride	4.793	84	144323	46.787	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	121842	48.920	ug/l #	82
22) Diisopropyl ether	6.211	45	282873	55.565	ug/l #	92
23) Vinyl Acetate	6.152	43	680710	340.071	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	206560	51.449	ug/l	98
25) 2-Butanone	7.081	43	139340	288.223	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	175715	53.674	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	146107	52.863	ug/l	84
28) Bromochloromethane	7.416	49	66027	49.321	ug/l #	60
29) Tetrahydrofuran	7.446	42	78167	277.403	ug/l #	63
30) Chloroform	7.593	83	219327	51.084	ug/l	91
31) Cyclohexane	7.875	56	138731	46.874	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	175417	51.268	ug/l	96
36) 1,1-Dichloropropene	8.005	75	152687	50.026	ug/l	92
37) Ethyl Acetate	7.163	43	57775	54.665	ug/l #	82
38) Carbon Tetrachloride	7.987	117	140043	50.798	ug/l	98
39) Methylcyclohexane	9.275	83	173164	49.279	ug/l	95
40) Benzene	8.246	78	485068	49.433	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	27178	46.898	ug/l #	62
42) 1,2-Dichloroethane	8.322	62	116927	50.379	ug/l	92
43) Isopropyl Acetate	8.358	43	106909	54.150	ug/l #	83
44) Trichloroethene	9.028	130	137586	49.752	ug/l	90
45) 1,2-Dichloropropane	9.305	63	121806	50.325	ug/l	95
46) Dibromomethane	9.393	93	69394	51.149	ug/l	91
47) Bromodichloromethane	9.581	83	168916	51.805	ug/l	94
48) Methyl methacrylate	9.375	41	45670	52.266	ug/l #	62
49) 1,4-Dioxane	9.387	88	16604	1144.479	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	288341	274.603	ug/l #	80
52) Toluene	10.334	92	306541	50.018	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	154243	52.486	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	190437	53.100	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	102353	52.609	ug/l	92
56) Ethyl methacrylate	10.599	69	109587	56.039	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	158905	52.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	261988	279.223	ug/l	92
59) 2-Hexanone	10.922	43	209695	283.177	ug/l	74
60) Dibromochloromethane	11.075	129	119338	54.553	ug/l	99
61) 1,2-Dibromoethane	11.181	107	90899	52.523	ug/l	98
64) Tetrachloroethene	10.810	164	112122	48.834	ug/l	94
65) Chlorobenzene	11.604	112	342736	50.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	121962	52.138	ug/l	94
67) Ethyl Benzene	11.681	91	572044	52.667	ug/l	98
68) m/p-Xylenes	11.793	106	468760	105.597	ug/l	90
69) o-Xylene	12.122	106	221807	54.760	ug/l	88
70) Styrene	12.134	104	383664	54.632	ug/l	94
71) Bromoform	12.299	173	69386	52.734	ug/l #	97
73) Isopropylbenzene	12.422	105	548455	51.626	ug/l	97
74) N-amyl acetate	12.234	43	96071	50.770	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	115053	50.389	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	131692	93.707	ug/l #	100
77) Bromobenzene	12.698	156	143311	50.329	ug/l	89
78) n-propylbenzene	12.763	91	678966	51.345	ug/l	96
79) 2-Chlorotoluene	12.851	91	362840	49.578	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	452403	51.369	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	35483	52.967	ug/l #	71
82) 4-Chlorotoluene	12.946	91	386039	49.590	ug/l	91
83) tert-Butylbenzene	13.169	119	390834	52.511	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	461294	52.595	ug/l	95
85) sec-Butylbenzene	13.345	105	599610	51.693	ug/l	97
86) p-Isopropyltoluene	13.463	119	494700	52.122	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	287953	50.016	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	283121	49.665	ug/l	96
89) n-Butylbenzene	13.787	91	454907	50.860	ug/l	98
90) Hexachloroethane	14.051	117	94148	48.224	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	256009	50.671	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14739	49.715	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	149296	50.801	ug/l	97
94) Hexachlorobutadiene	15.204	225	71389	47.643	ug/l	98
95) Naphthalene	15.334	128	295534	54.121	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	137343	51.386	ug/l	96

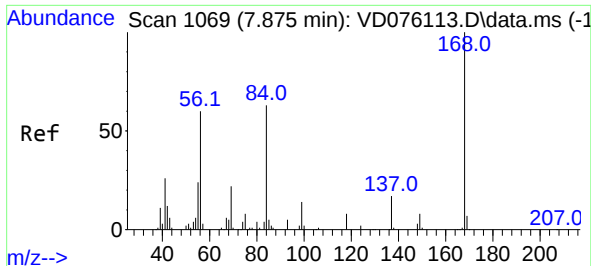
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Response via : Initial Calibration

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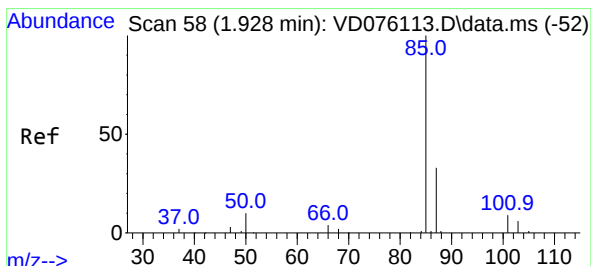
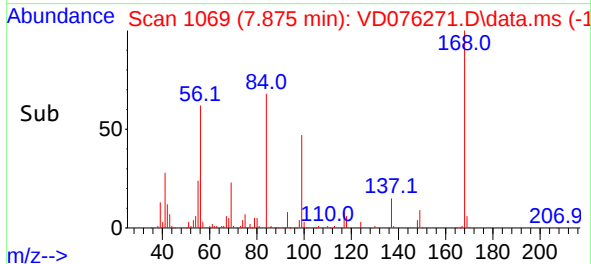
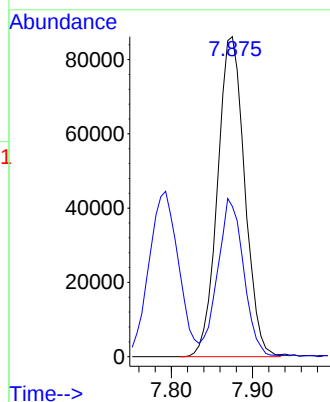
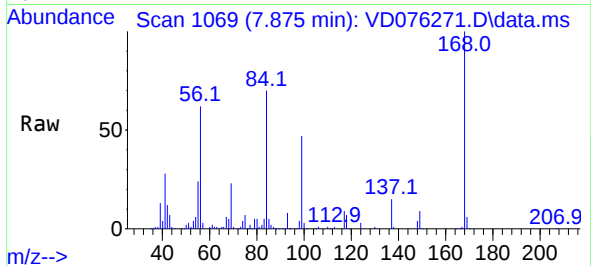
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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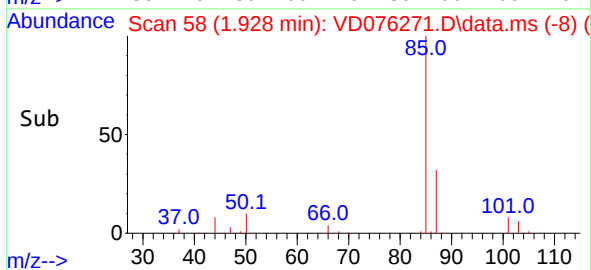
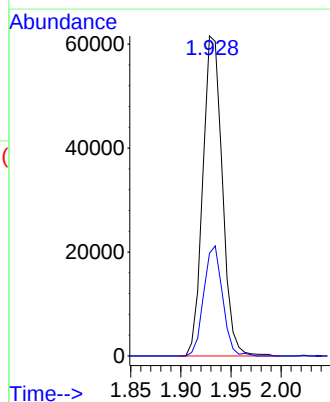
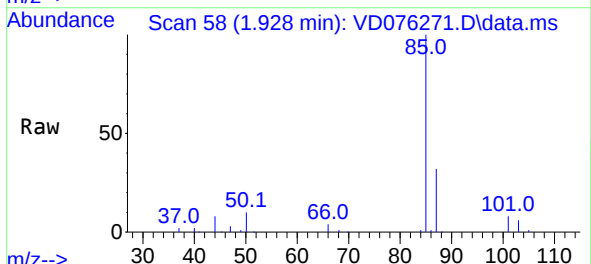
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 199951
Ion Ratio Lower Upper
168 100
99 46.6 43.8 65.6

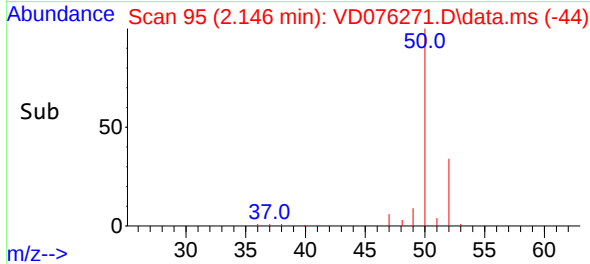
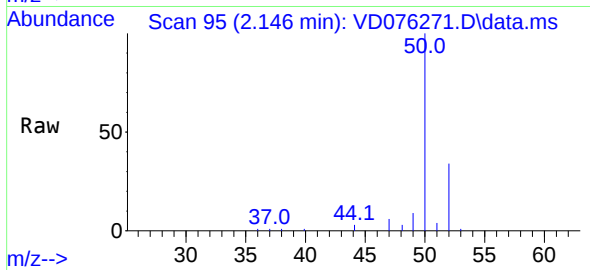
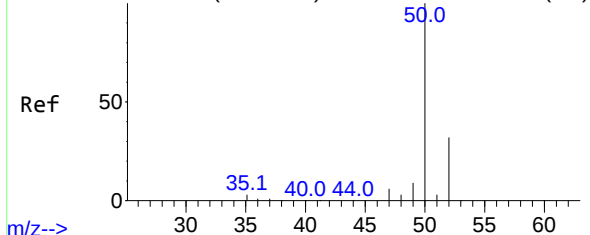


#2
Dichlorodifluoromethane
Concen: 46.395 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 85 Resp: 83666
Ion Ratio Lower Upper
85 100
87 32.1 17.3 51.7



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



#3

Chloromethane

Concen: 51.840 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

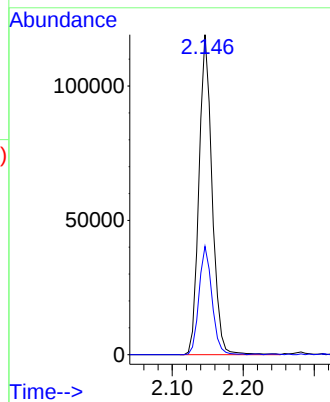
VSTDC050

Tgt Ion: 50 Resp: 153046

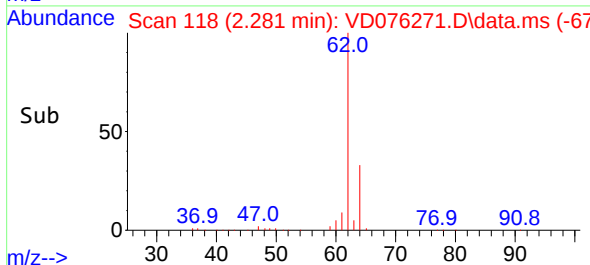
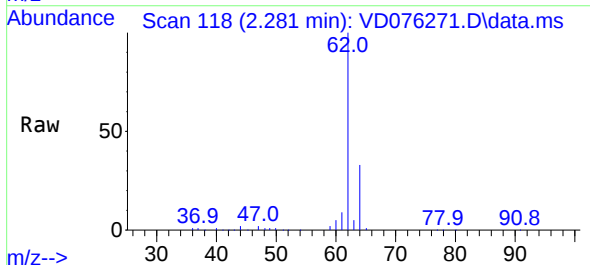
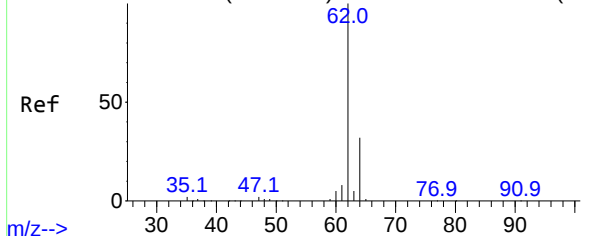
Ion Ratio Lower Upper

50 100

52 33.8 27.8 41.8



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



#4

Vinyl Chloride

Concen: 51.421 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD076271.D

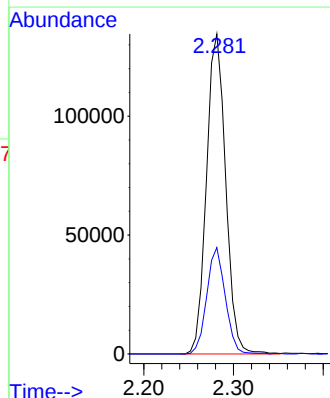
Acq: 30 May 2023 12:59

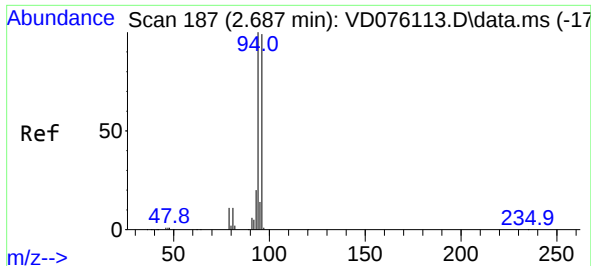
Tgt Ion: 62 Resp: 199984

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0

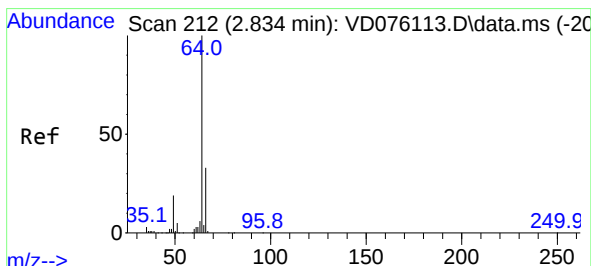
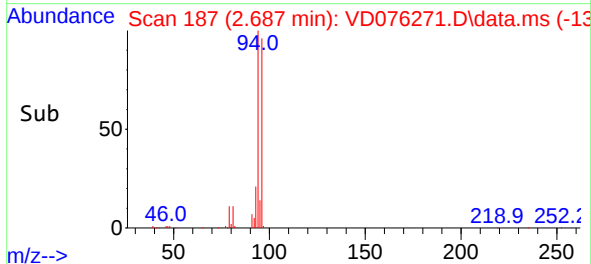
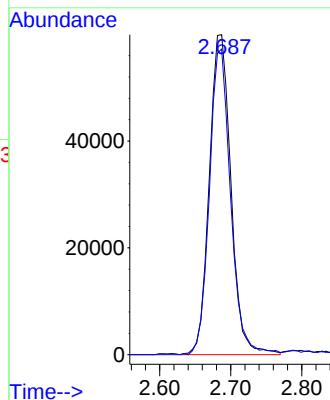
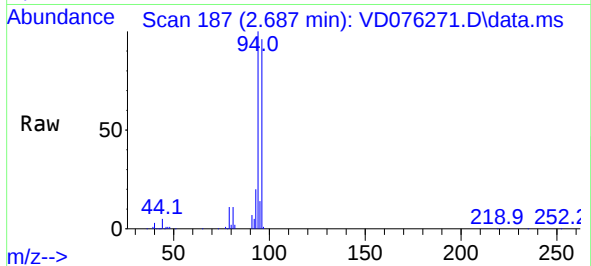




#5
Bromomethane
Concen: 48.398 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

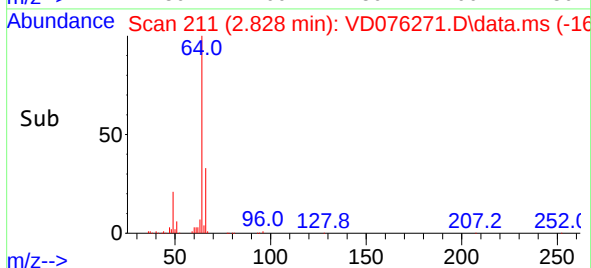
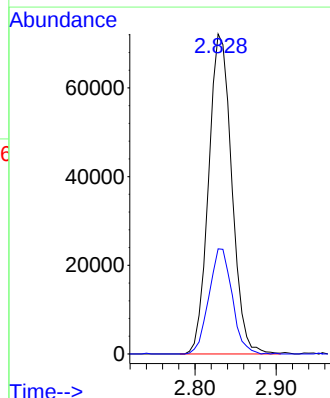
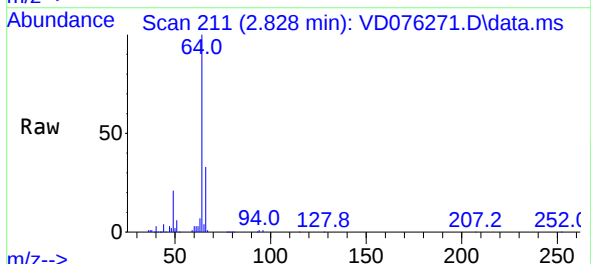
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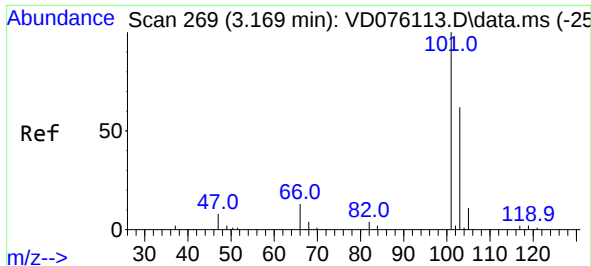
Tgt Ion: 94 Resp: 126723
Ion Ratio Lower Upper
94 100
96 93.8 77.5 116.3



#6
Chloroethane
Concen: 54.626 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 64 Resp: 142929
Ion Ratio Lower Upper
64 100
66 32.8 27.7 41.5

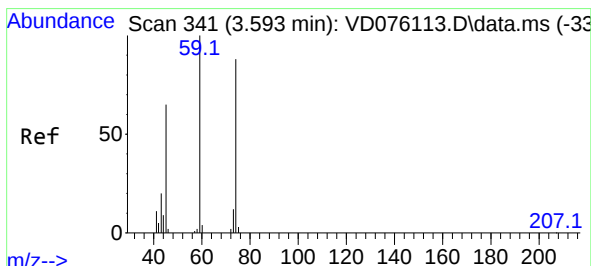
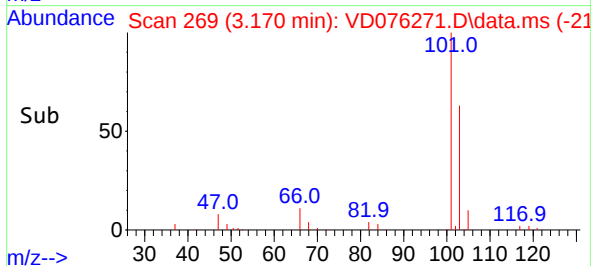
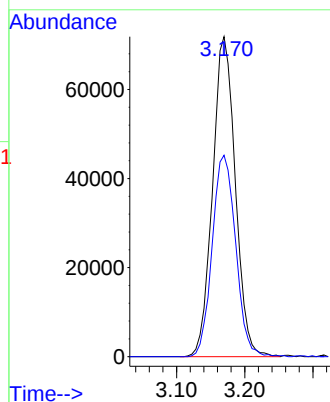
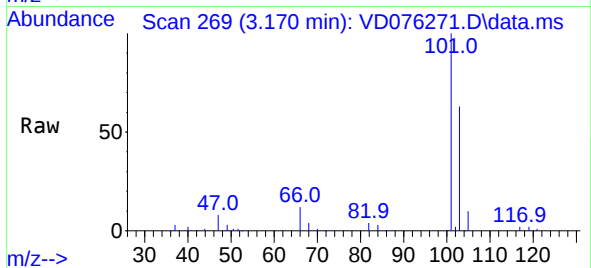




#7
Trichlorofluoromethane
Concen: 50.551 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.001 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

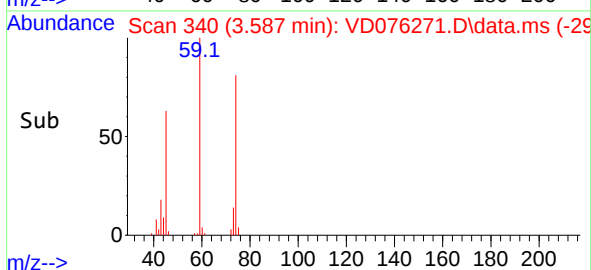
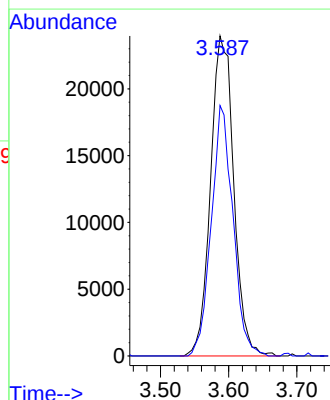
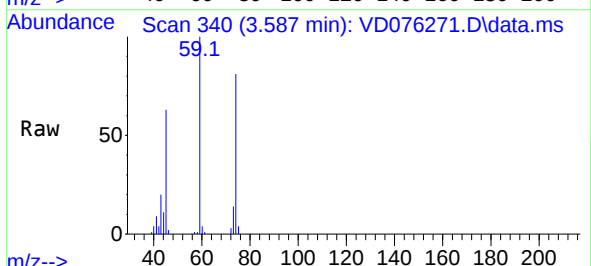
Instrument :
MSVOA_D
ClientSampleId :
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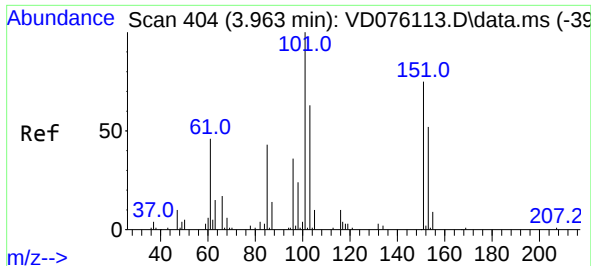
Tgt Ion:101 Resp: 166640
Ion Ratio Lower Upper
101 100
103 62.9 51.9 77.9



#8
Diethyl Ether
Concen: 52.308 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 74 Resp: 56705
Ion Ratio Lower Upper
74 100
45 73.3 50.9 152.7

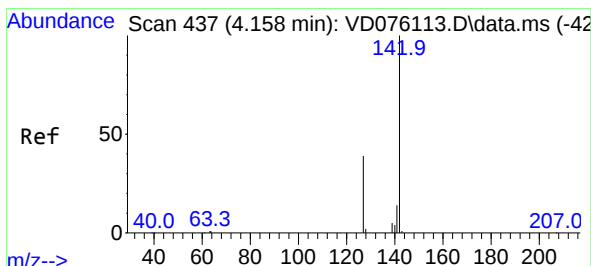
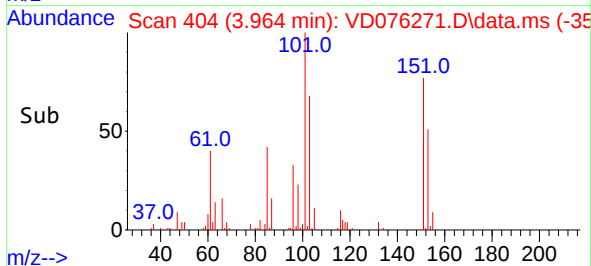
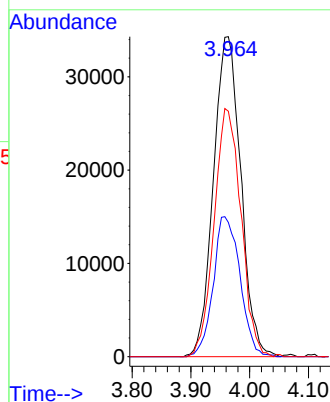
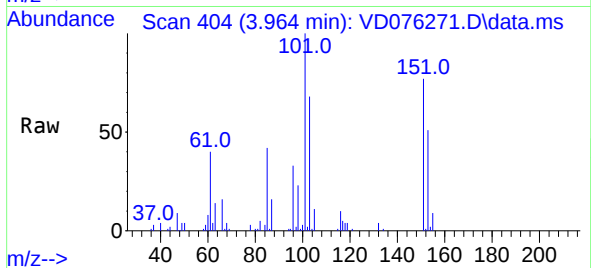




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.166 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

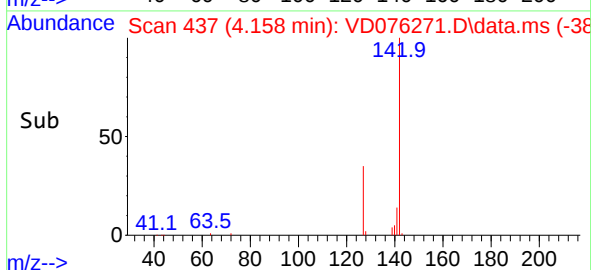
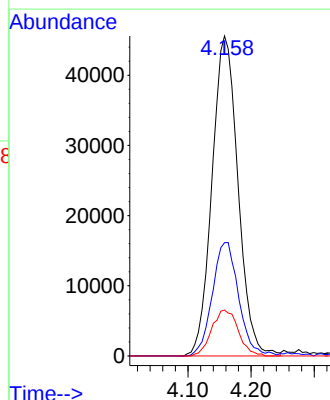
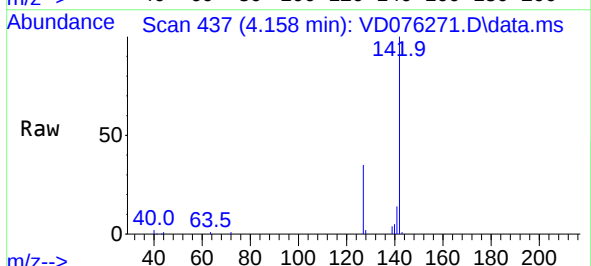
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

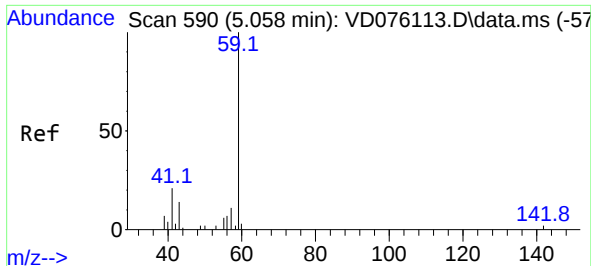
Tgt Ion:101 Resp: 111100
Ion Ratio Lower Upper
101 100
85 42.8 38.3 57.5
151 76.0 60.4 90.6



#10
Methyl Iodide
Concen: 57.819 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:142 Resp: 130538
Ion Ratio Lower Upper
142 100
127 35.9 37.1 55.7#
141 14.7 11.3 16.9

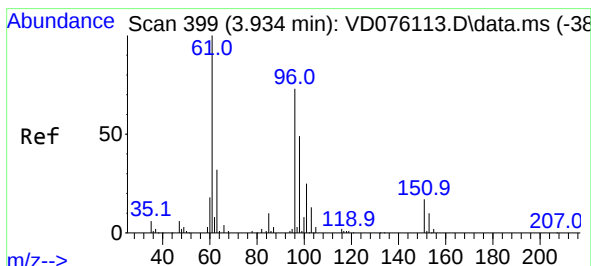
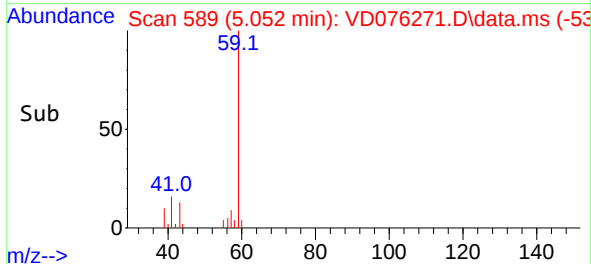
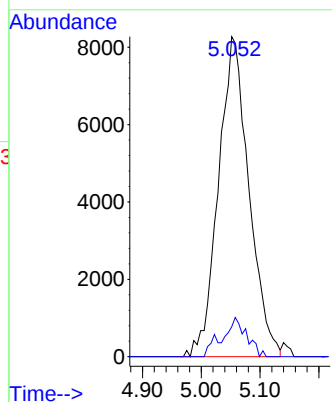
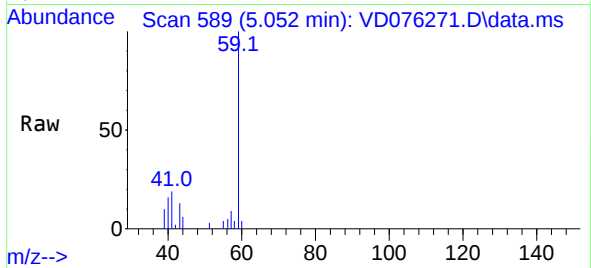




#11
Tert butyl alcohol
Concen: 291.682 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

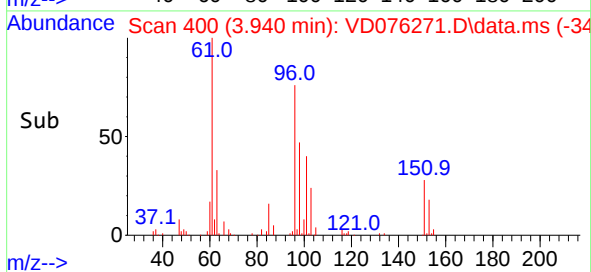
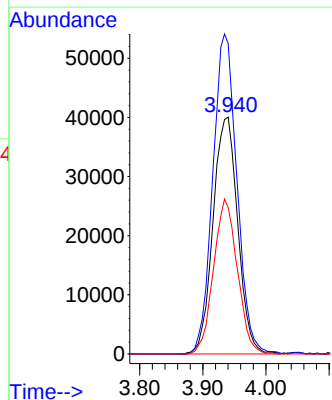
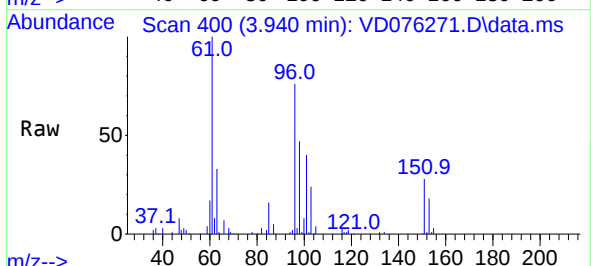
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

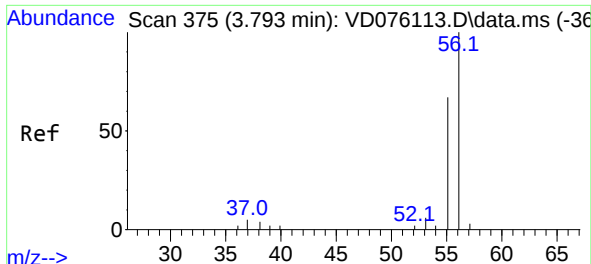
Tgt Ion: 59 Resp: 29817
Ion Ratio Lower Upper
59 100
57 7.5 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 50.435 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 96 Resp: 108993
Ion Ratio Lower Upper
96 100
61 131.1 118.6 177.8
98 61.8 49.7 74.5

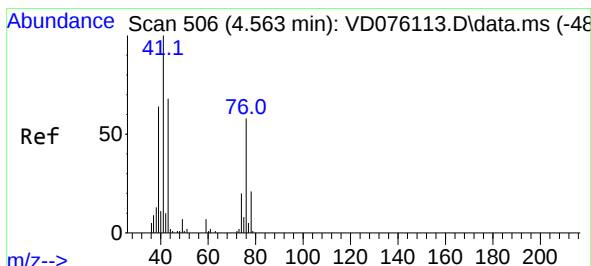
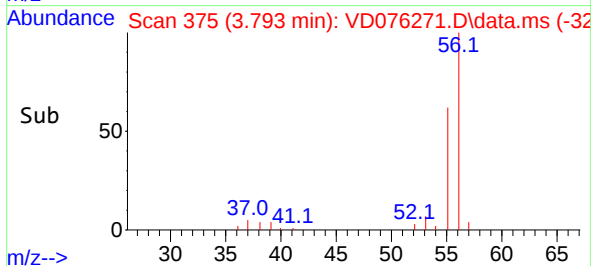
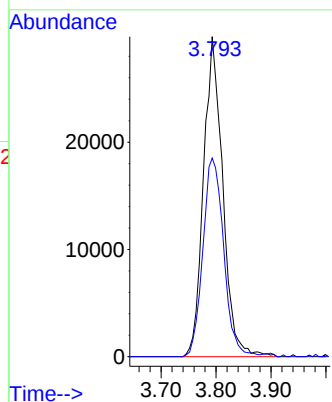
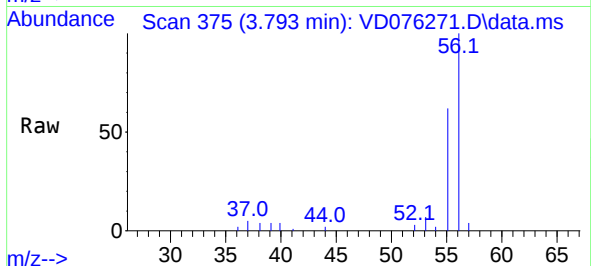




#13
Acrolein
Concen: 290.012 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

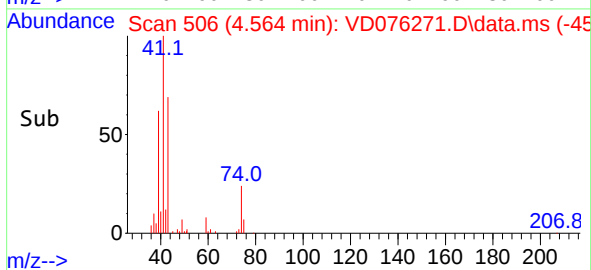
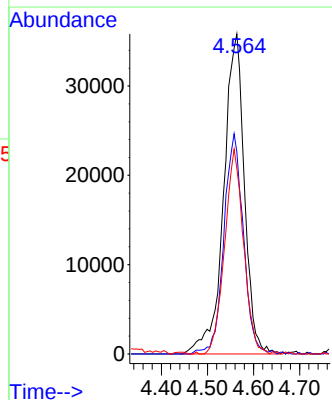
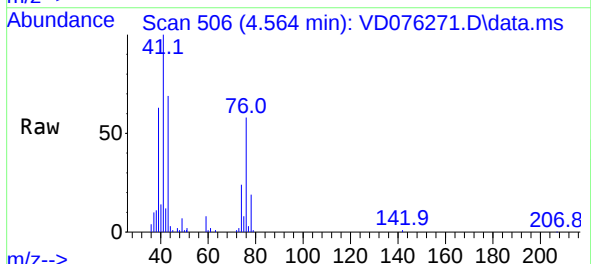
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

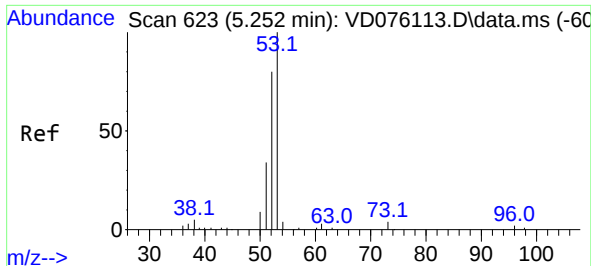
Tgt Ion: 56 Resp: 72557
Ion Ratio Lower Upper
56 100
55 67.1 53.9 80.9



#14
Allyl chloride
Concen: 51.094 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 41 Resp: 112061
Ion Ratio Lower Upper
41 100
39 64.3 60.6 90.8
76 58.2 28.6 43.0#

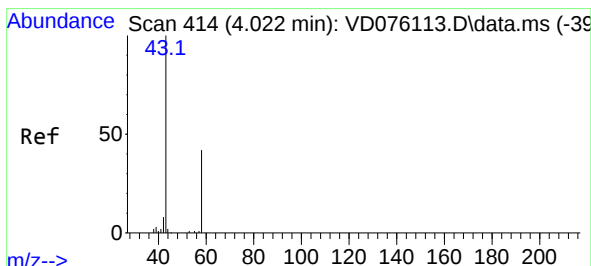
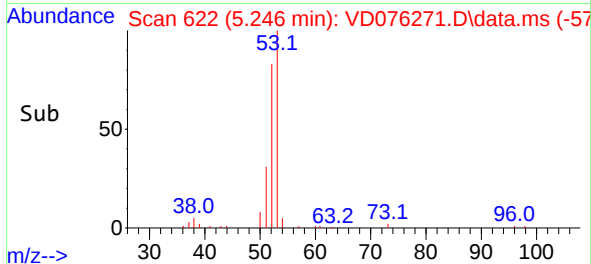
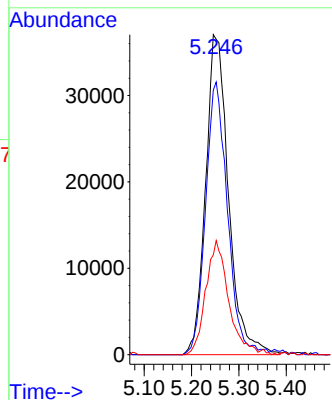
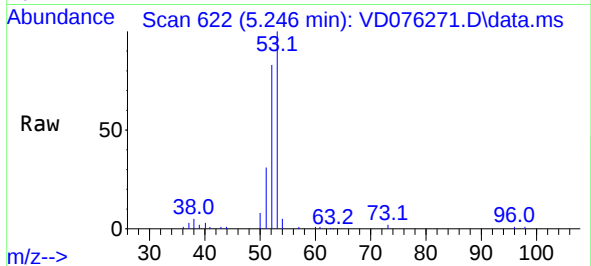




#15
Acrylonitrile
Concen: 277.643 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

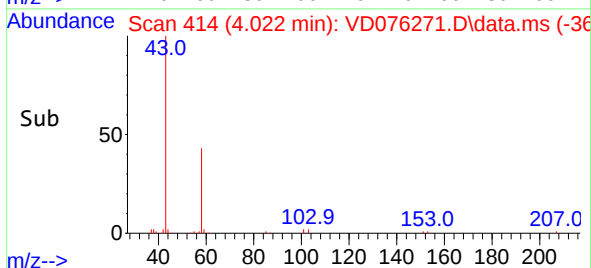
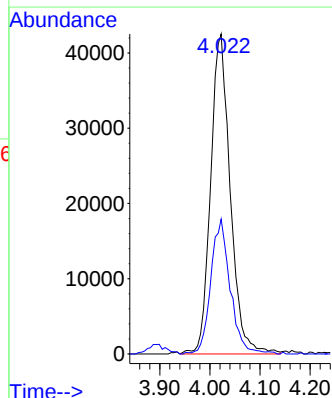
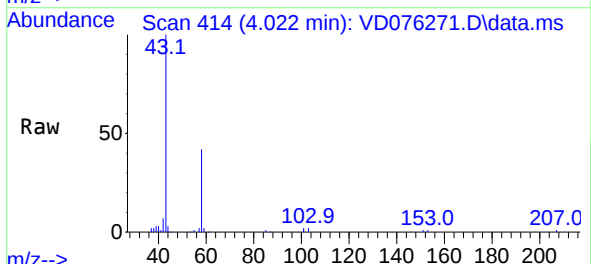
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

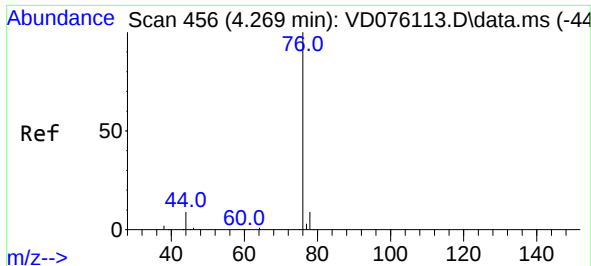
Tgt Ion: 53 Resp: 124622
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.4
51 35.3 30.7 46.1



#16
Acetone
Concen: 301.532 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 43 Resp: 115936
Ion Ratio Lower Upper
43 100
58 42.2 24.4 36.6#

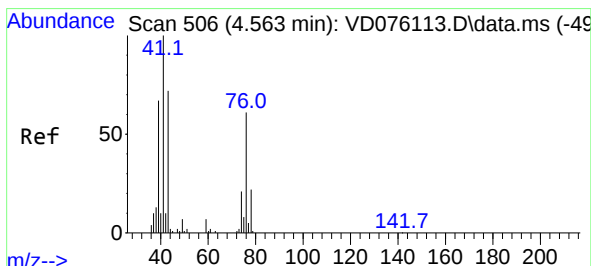
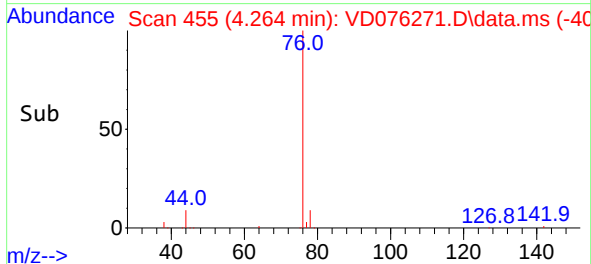
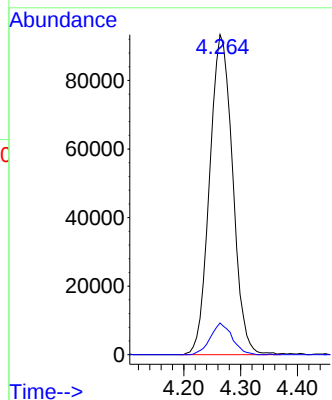
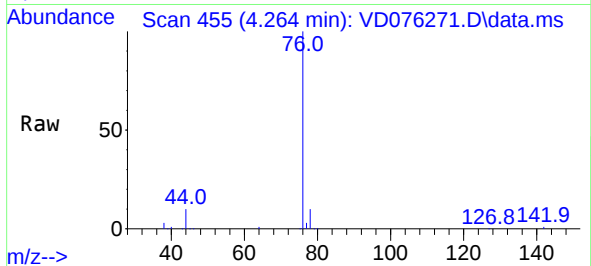




#17
Carbon Disulfide
Concen: 44.601 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

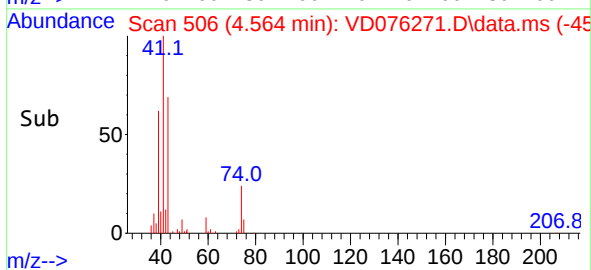
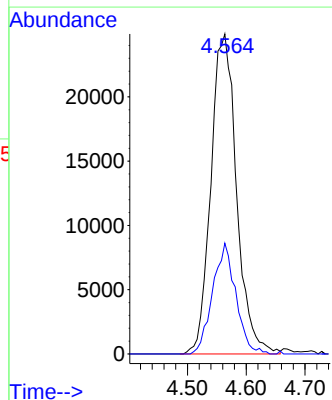
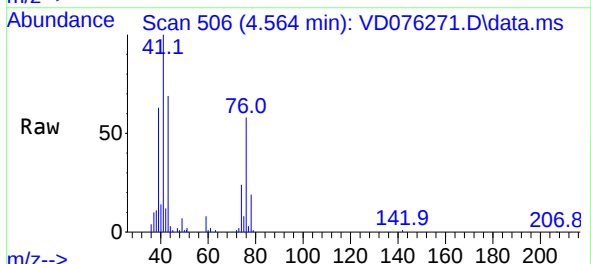
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

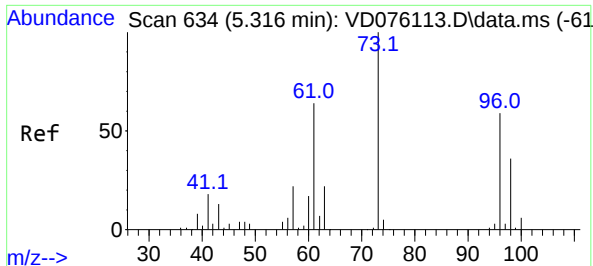
Tgt Ion: 76 Resp: 262640
Ion Ratio Lower Upper
76 100
78 9.9 8.0 12.0



#18
Methyl Acetate
Concen: 55.032 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 43 Resp: 75479
Ion Ratio Lower Upper
43 100
74 31.3 17.8 26.6#

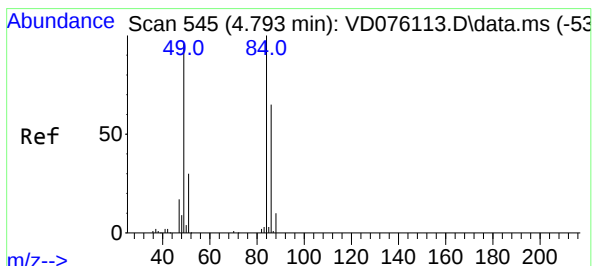
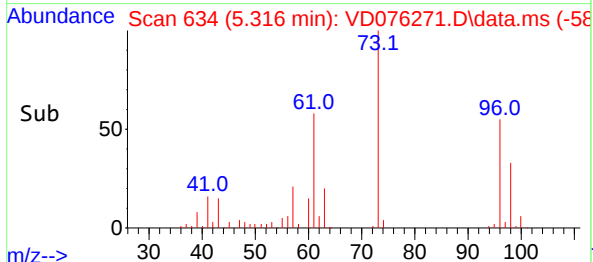
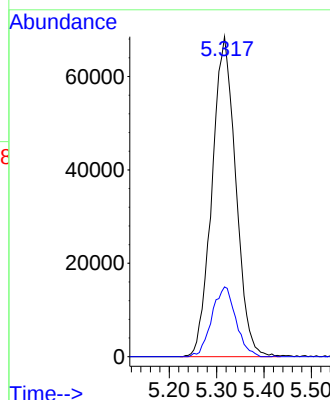
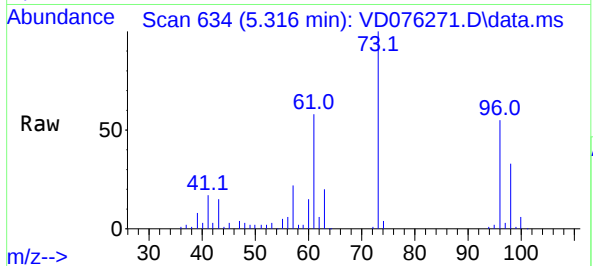




#19
Methyl tert-butyl Ether
Concen: 56.546 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

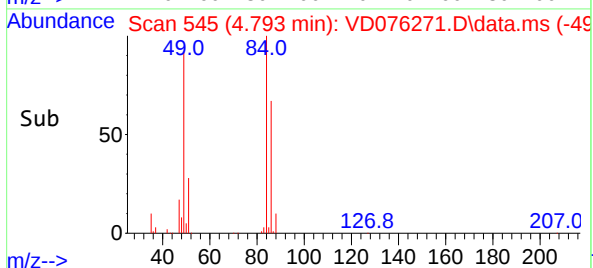
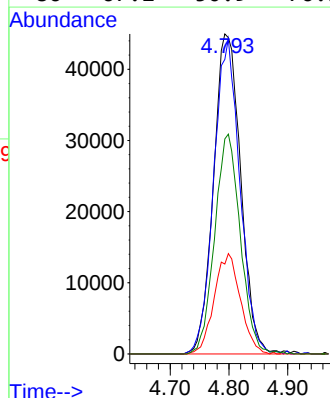
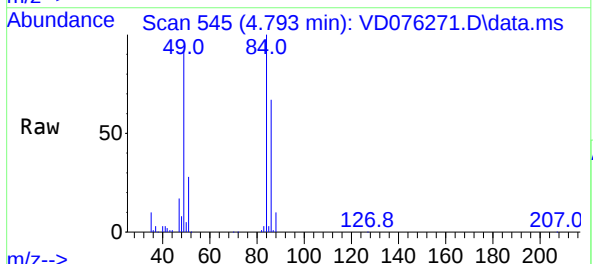
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

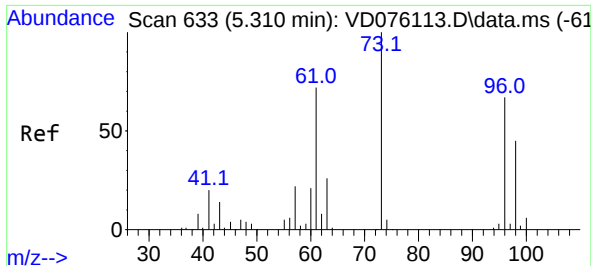
Tgt Ion: 73 Resp: 239180
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 46.787 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 84 Resp: 144323
Ion Ratio Lower Upper
84 100
49 92.0 106.4 159.6#
51 28.1 32.4 48.6#
86 67.2 50.9 76.3

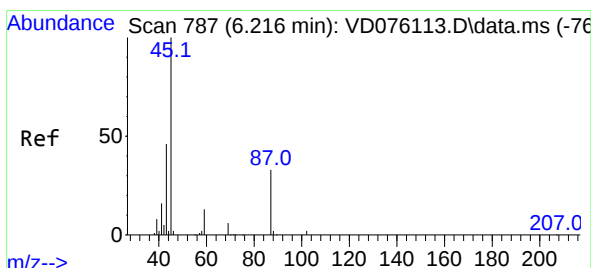
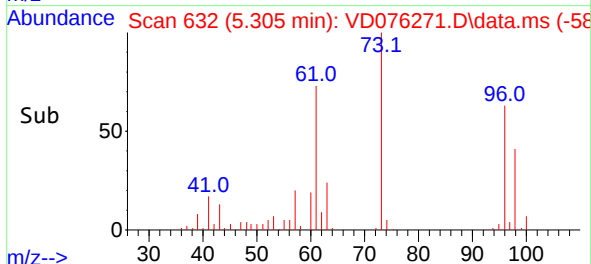
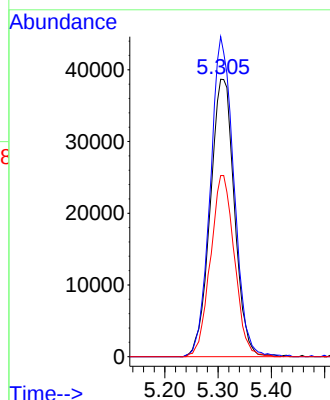
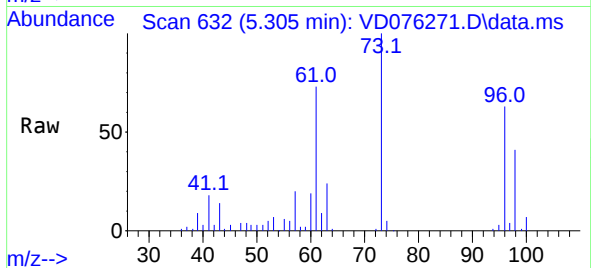




#21
trans-1,2-Dichloroethene
Concen: 48.920 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

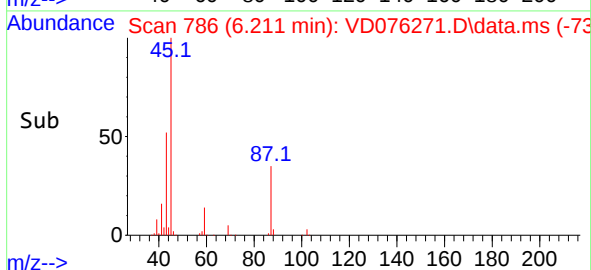
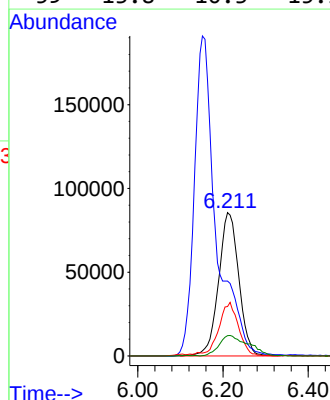
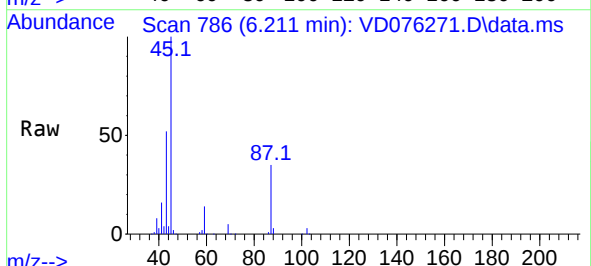
Instrument :
MSVOA_D
ClientSampleId :
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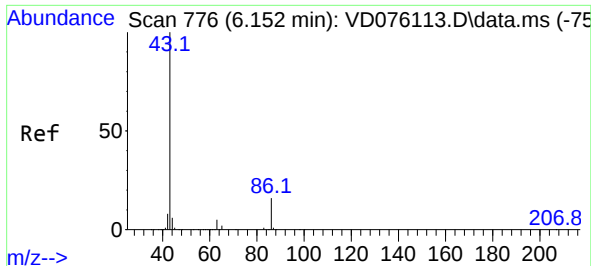
Tgt Ion: 96 Resp: 121842
Ion Ratio Lower Upper
96 100
61 115.3 117.2 175.8#
98 65.3 50.6 76.0



#22
Diisopropyl ether
Concen: 55.565 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 45 Resp: 282873
Ion Ratio Lower Upper
45 100
43 51.3 44.4 66.6
87 34.3 20.9 31.3#
59 13.8 10.3 15.5

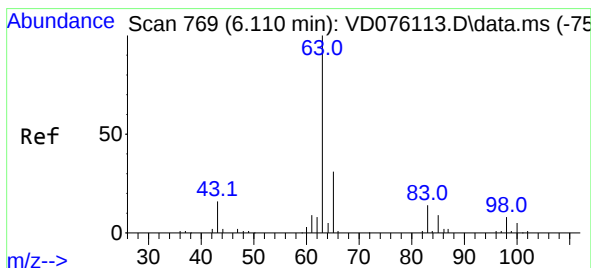
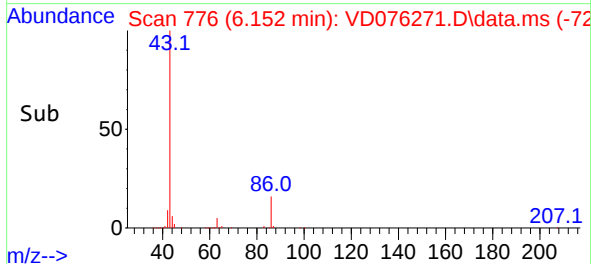
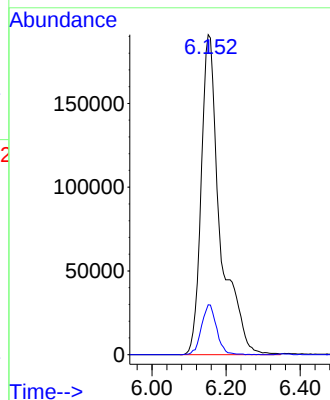
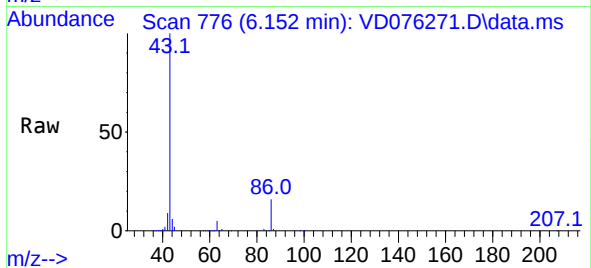




#23
Vinyl Acetate
Concen: 340.071 ug/l
RT: 6.152 min Scan# 776
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

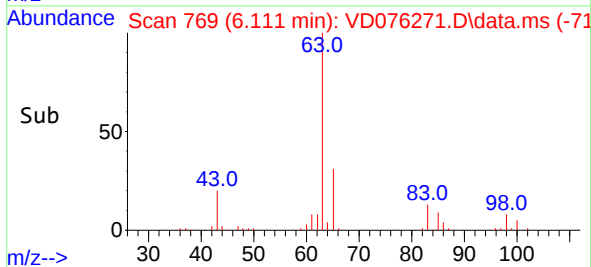
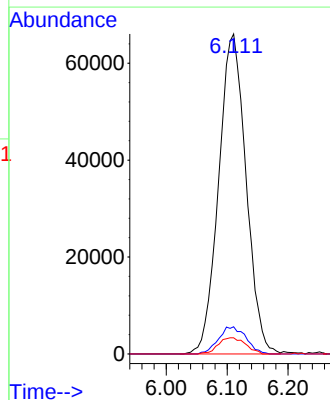
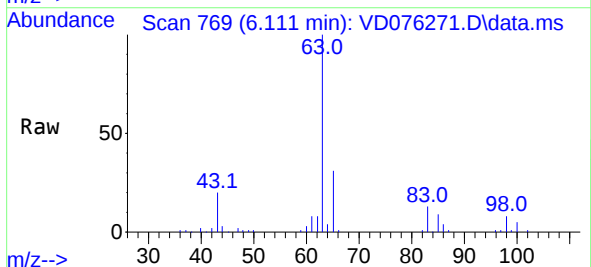
Instrument :
MSVOA_D
ClientSampleId :
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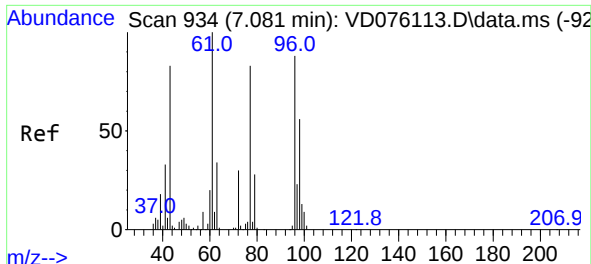
Tgt Ion: 43 Resp: 680710
Ion Ratio Lower Upper
43 100
86 15.5 9.0 13.6#



#24
1,1-Dichloroethane
Concen: 51.449 ug/l
RT: 6.111 min Scan# 769
Delta R.T. 0.001 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 63 Resp: 206560
Ion Ratio Lower Upper
63 100
98 8.5 3.9 11.7
100 5.0 2.0 6.0

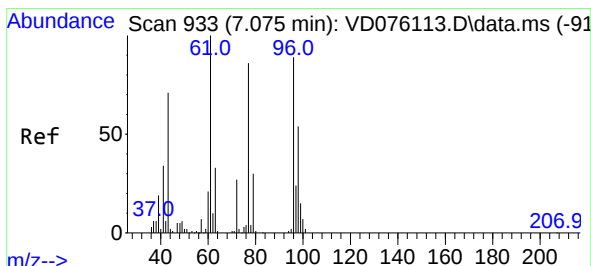
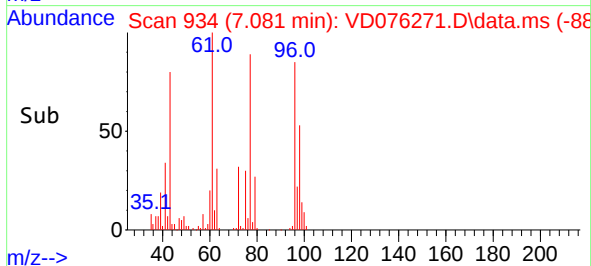
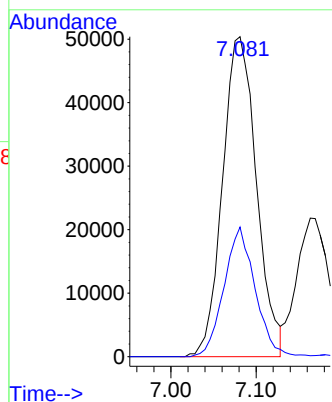
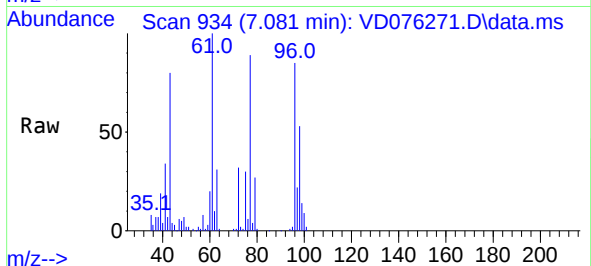




#25
2-Butanone
Concen: 288.223 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

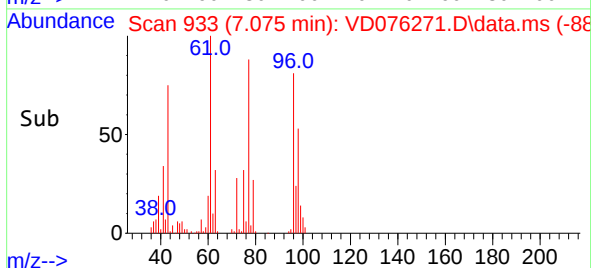
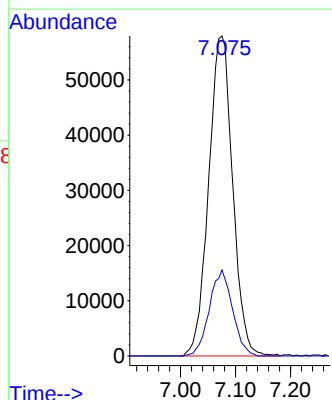
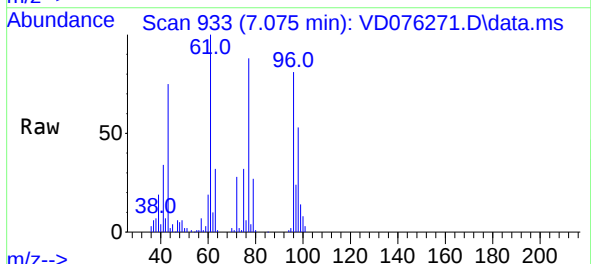
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

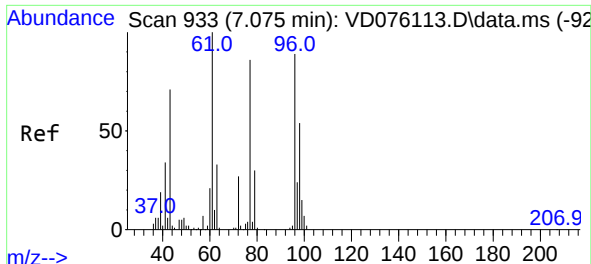
Tgt Ion: 43 Resp: 139340
Ion Ratio Lower Upper
43 100
72 40.5 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 53.674 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 77 Resp: 175715
Ion Ratio Lower Upper
77 100
97 25.9 11.1 33.1



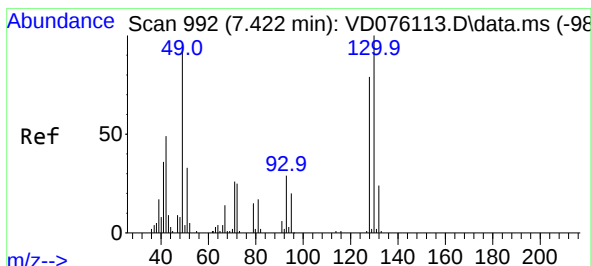
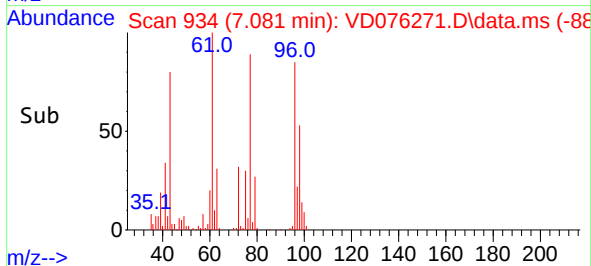
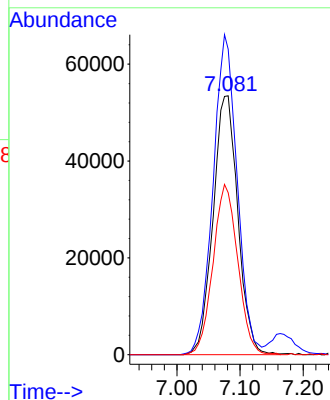
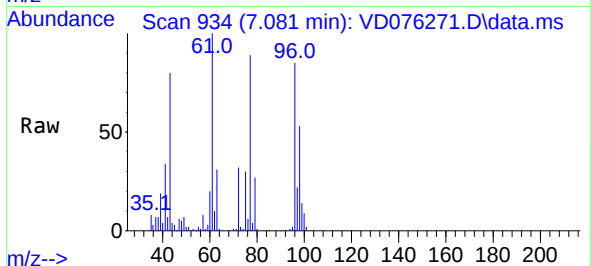


#27
 cis-1,2-Dichloroethene
 Concen: 52.863 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076271.D
 Acq: 30 May 2023 12:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 146107

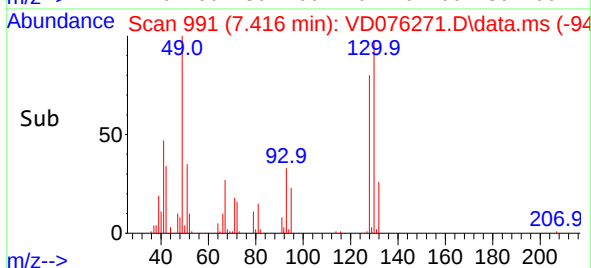
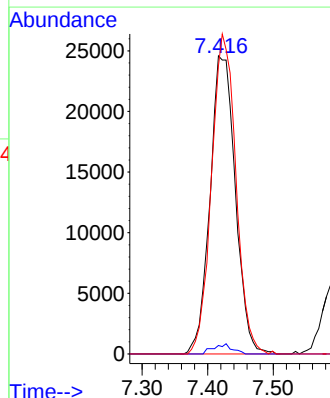
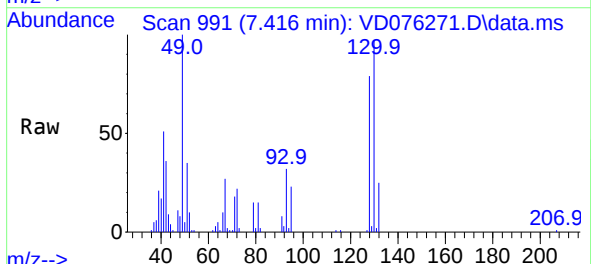
Ion	Ratio	Lower	Upper
96	100		
61	120.1	0.0	295.2
98	65.6	0.0	129.2

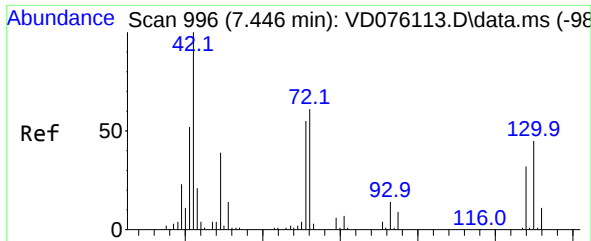


#28
 Bromochloromethane
 Concen: 49.321 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VD076271.D
 Acq: 30 May 2023 12:59

Tgt Ion: 49 Resp: 66027

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.2#
130	103.1	56.0	84.0#

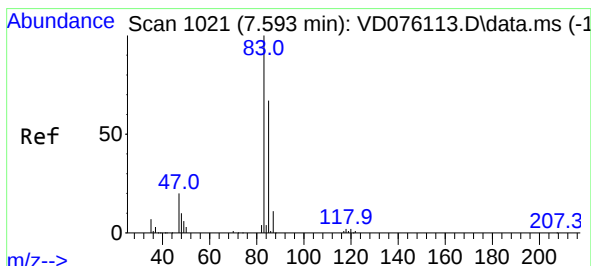
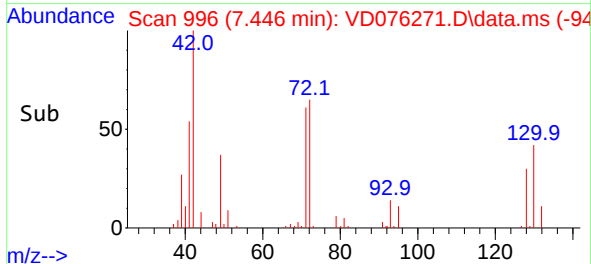
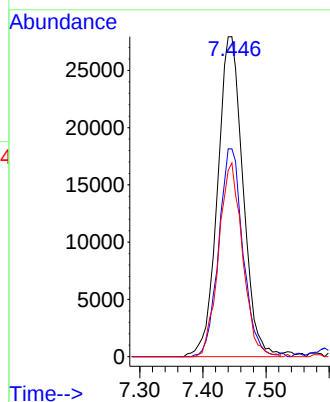
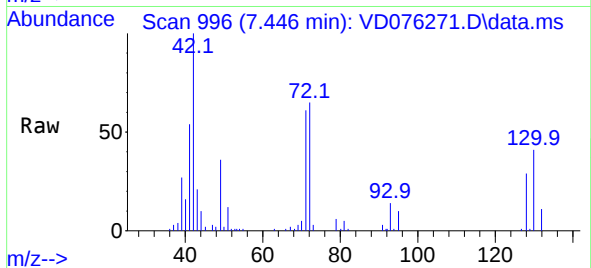




#29
Tetrahydrofuran
Concen: 277.403 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

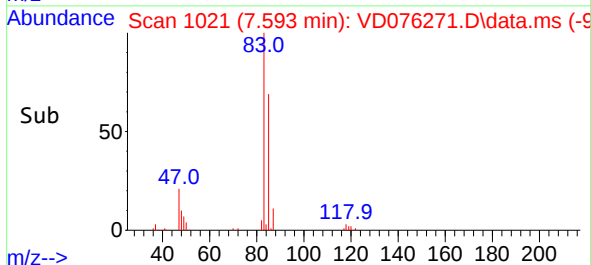
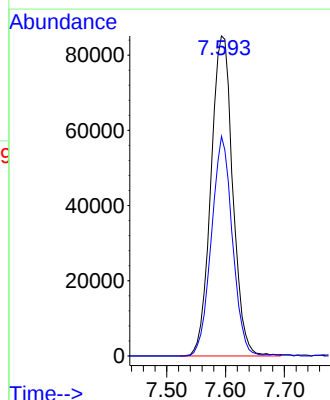
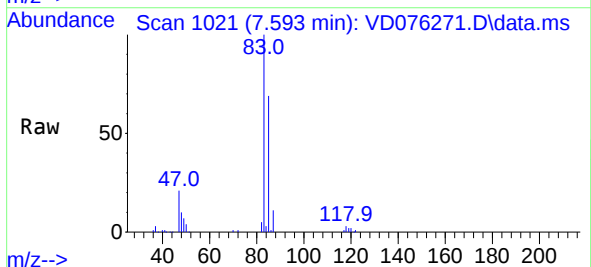
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

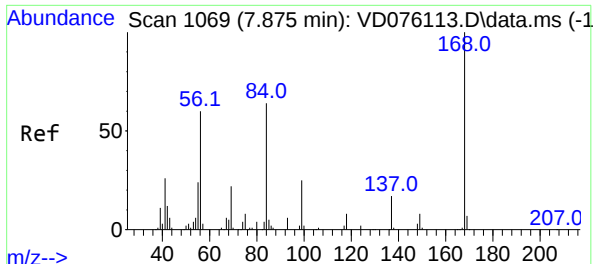
Tgt Ion: 42 Resp: 78167
Ion Ratio Lower Upper
42 100
72 62.0 31.8 47.6#
71 56.7 27.6 41.4#



#30
Chloroform
Concen: 51.084 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 83 Resp: 219327
Ion Ratio Lower Upper
83 100
85 68.7 49.4 74.2





#31

Cyclohexane

Concen: 46.874 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

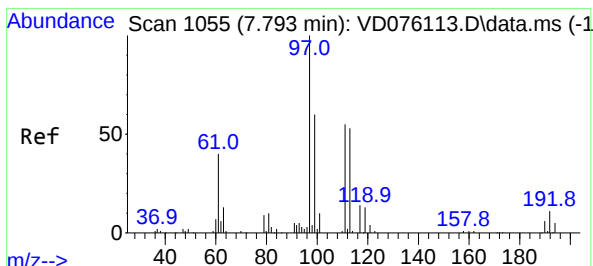
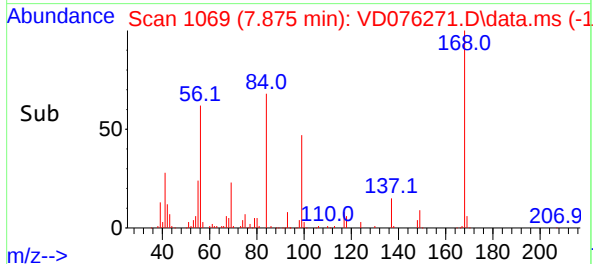
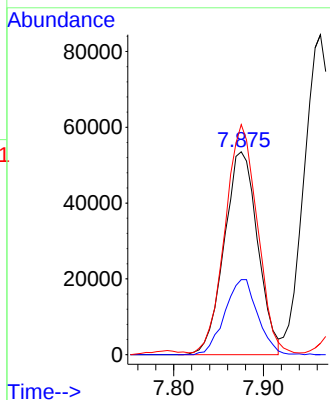
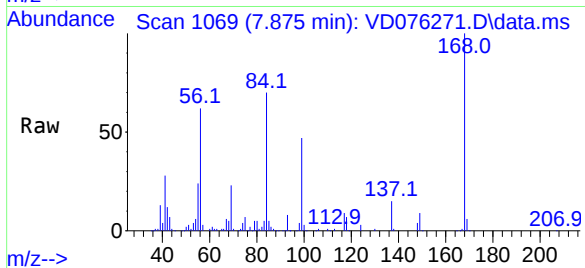
Tgt Ion: 56 Resp: 138731

Ion Ratio Lower Upper

56 100

69 37.0 25.5 38.3

84 112.3 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 51.268 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

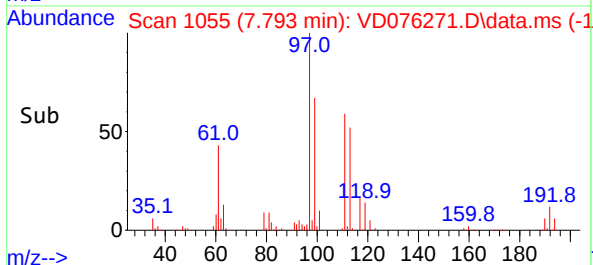
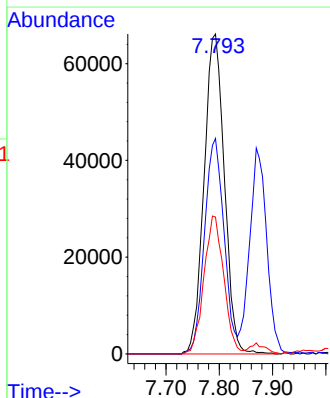
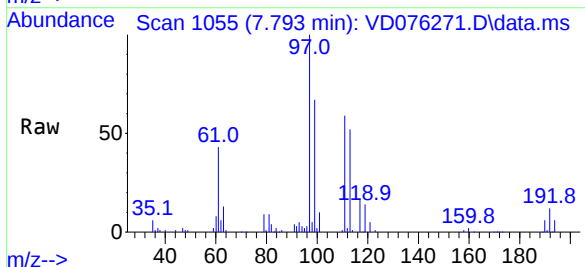
Tgt Ion: 97 Resp: 175417

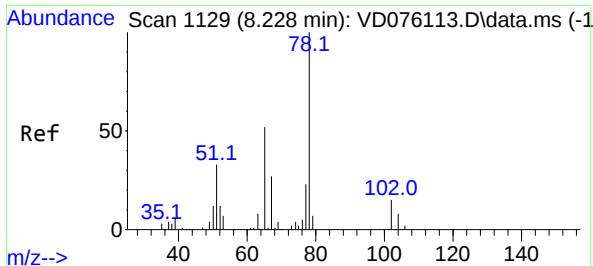
Ion Ratio Lower Upper

97 100

99 64.7 50.5 75.7

61 42.0 36.6 55.0

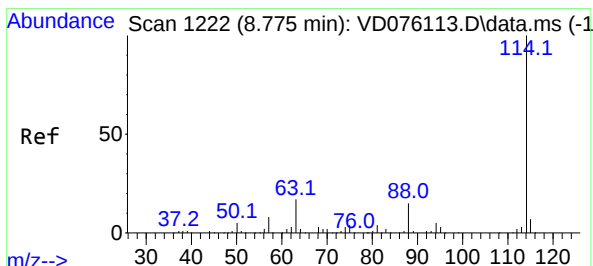
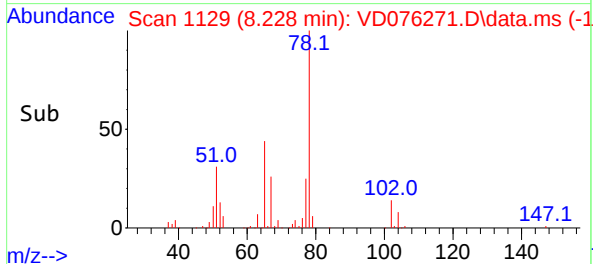
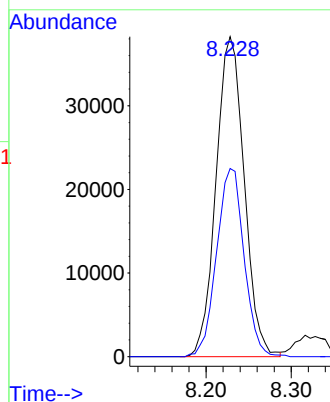
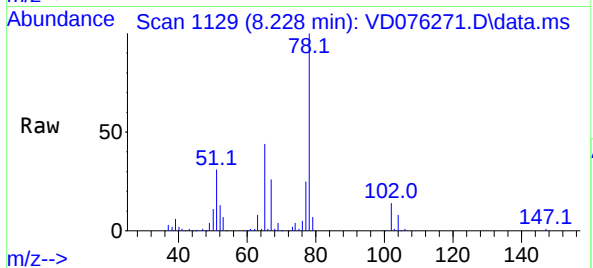




#33
1,2-Dichloroethane-d4
Concen: 45.483 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

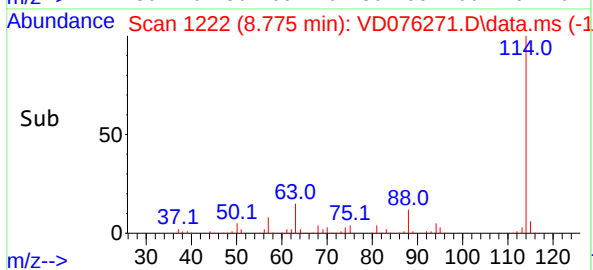
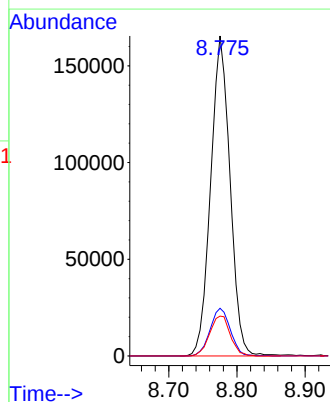
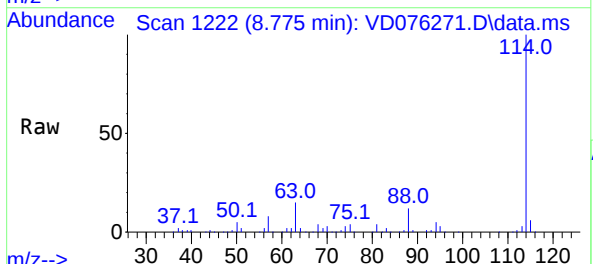
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 87894
Ion Ratio Lower Upper
65 100
67 57.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 114 Resp: 326946
Ion Ratio Lower Upper
114 100
63 14.9 0.0 41.6
88 12.5 0.0 30.6

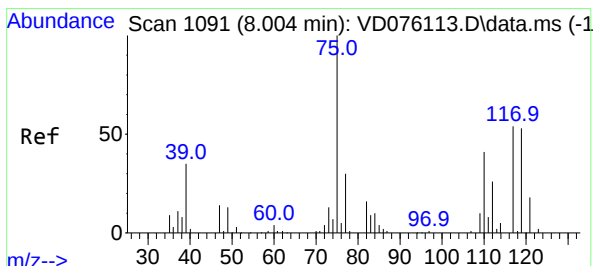
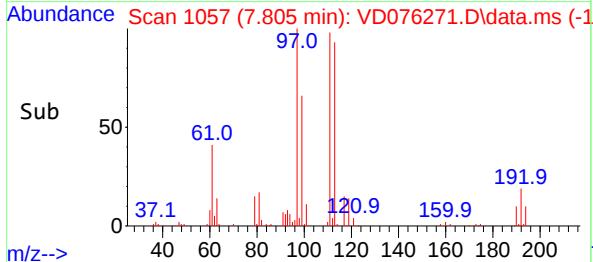
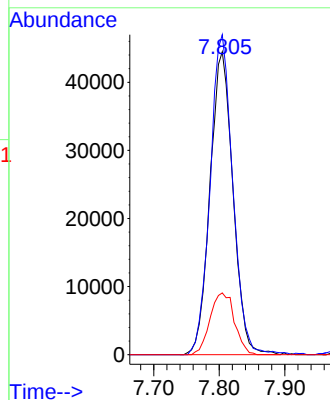
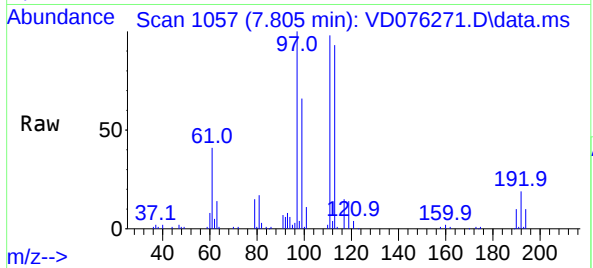




#35
Dibromofluoromethane
Concen: 47.824 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

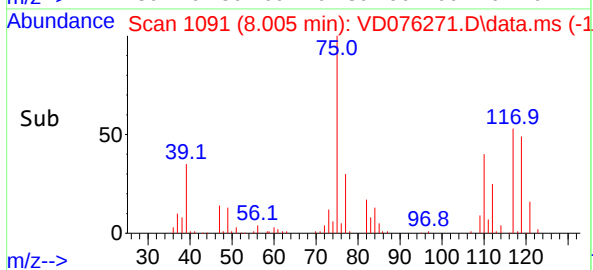
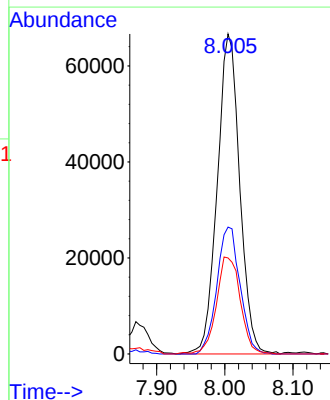
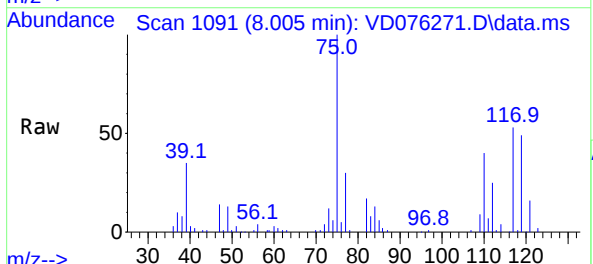
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

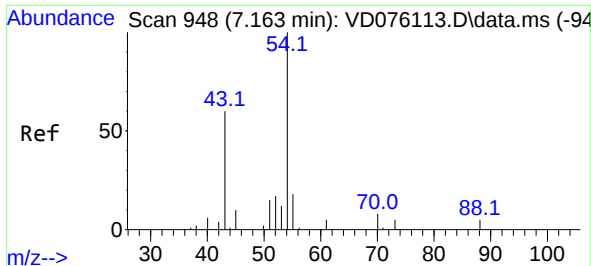
Tgt Ion:113 Resp: 108078
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 21.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 50.026 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 75 Resp: 152687
Ion Ratio Lower Upper
75 100
110 41.0 17.1 51.2
77 32.4 24.6 36.8





#37

Ethyl Acetate

Concen: 54.665 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

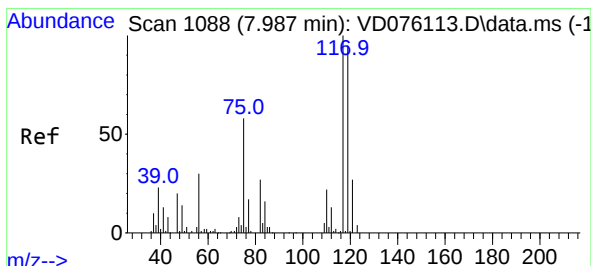
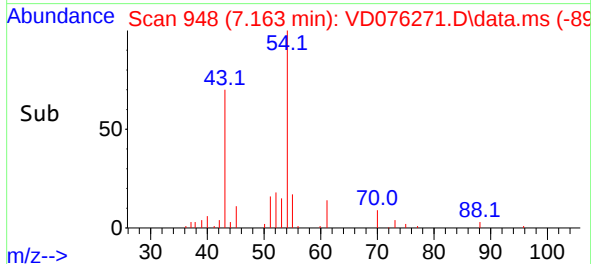
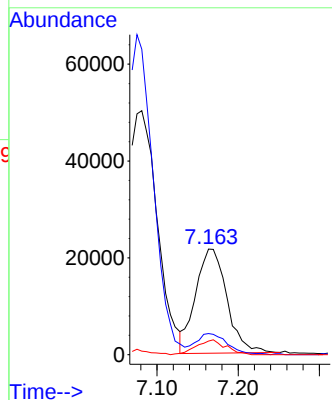
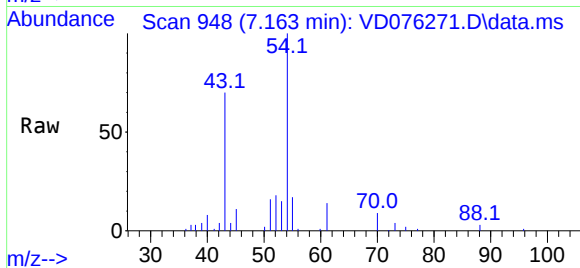
Tgt Ion: 43 Resp: 57775

Ion Ratio Lower Upper

43 100

61 20.7 0.0 0.0#

70 13.4 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 50.798 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

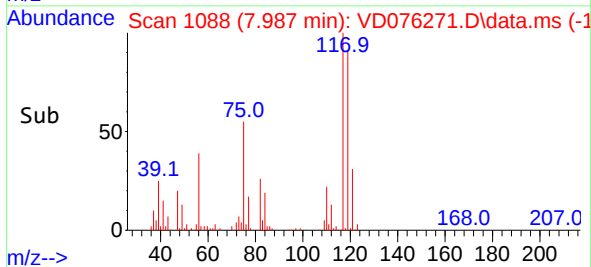
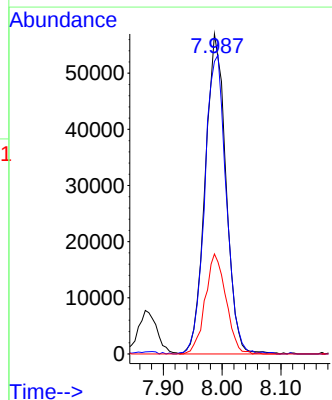
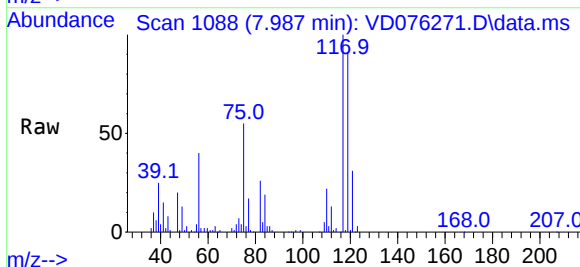
Tgt Ion: 117 Resp: 140043

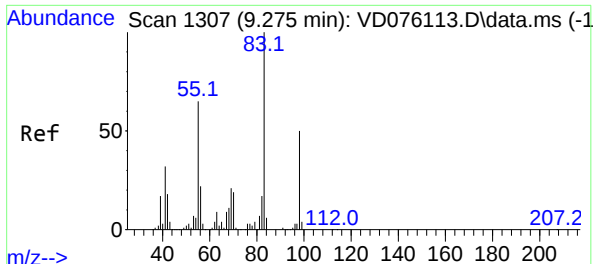
Ion Ratio Lower Upper

117 100

119 91.4 74.7 112.1

121 31.2 25.9 38.9

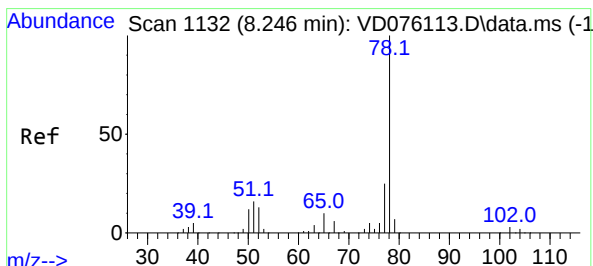
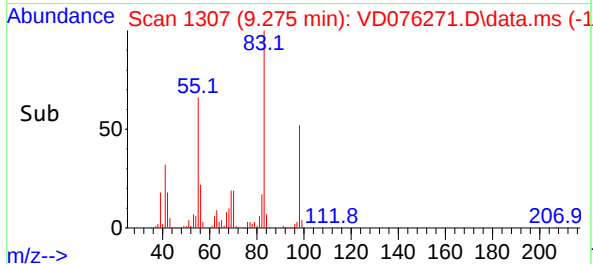
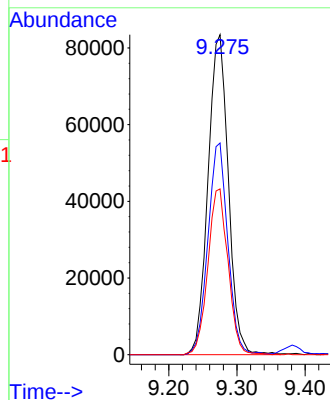
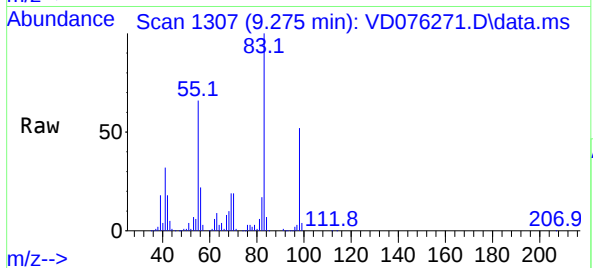




#39
Methylcyclohexane
Concen: 49.279 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

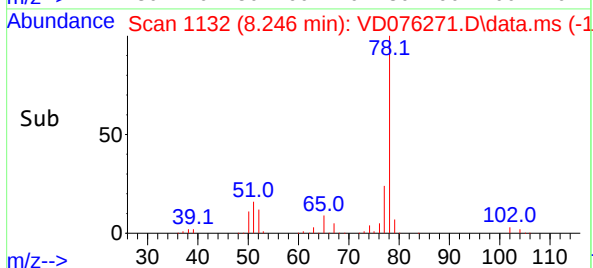
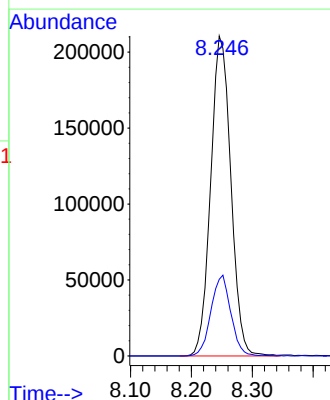
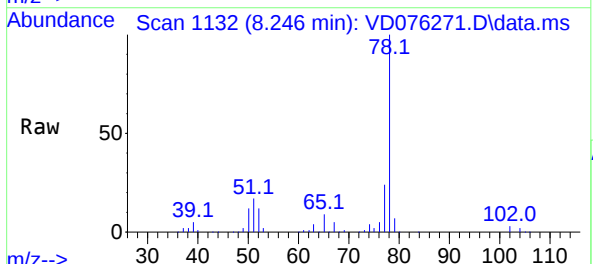
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

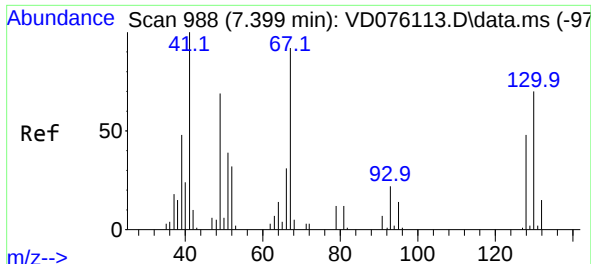
Tgt Ion: 83 Resp: 173164
Ion Ratio Lower Upper
83 100
55 66.2 56.8 85.2
98 51.8 38.9 58.3



#40
Benzene
Concen: 49.433 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 78 Resp: 485068
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

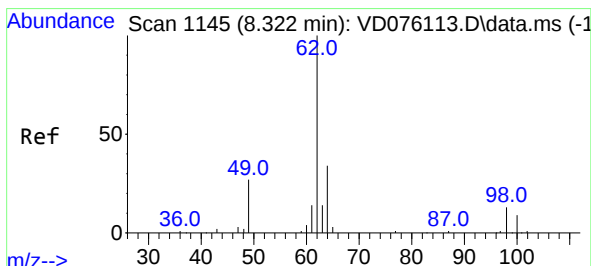
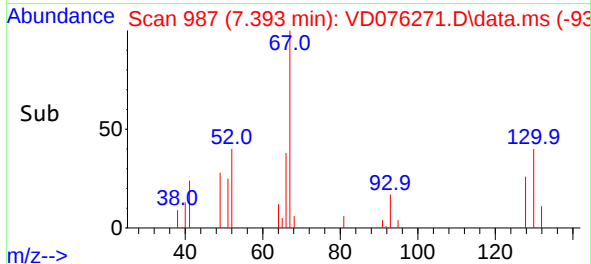
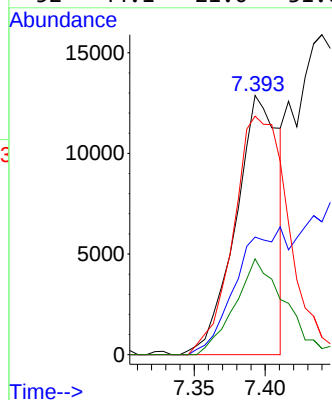
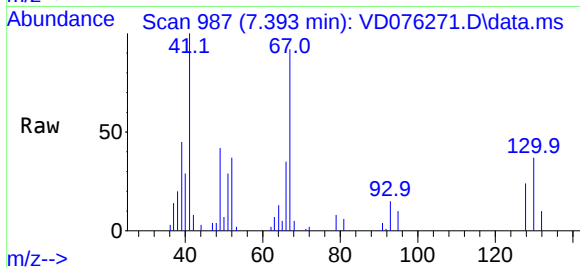




#41
Methacrylonitrile
Concen: 46.898 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

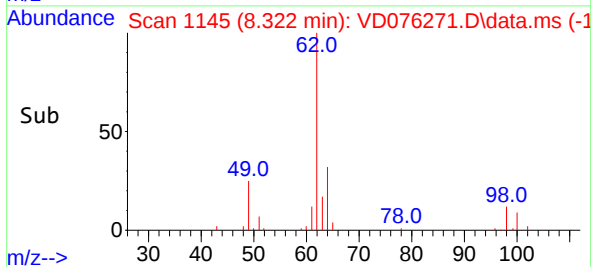
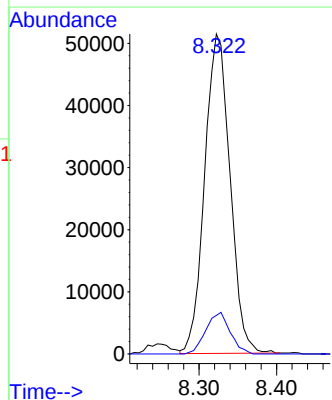
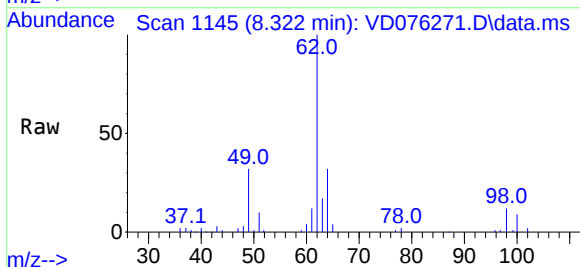
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

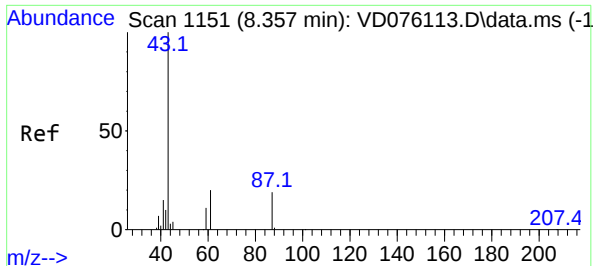
Tgt Ion: 41 Resp: 27178
Ion Ratio Lower Upper
41 100
39 57.6 45.3 67.9
67 118.8 50.5 75.7#
52 44.1 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 50.379 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 62 Resp: 116927
Ion Ratio Lower Upper
62 100
98 12.5 0.0 18.8

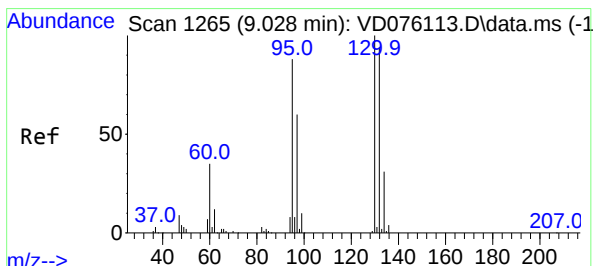
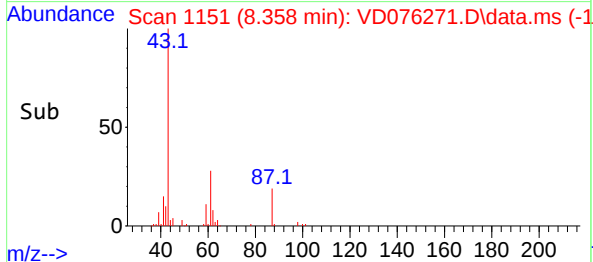
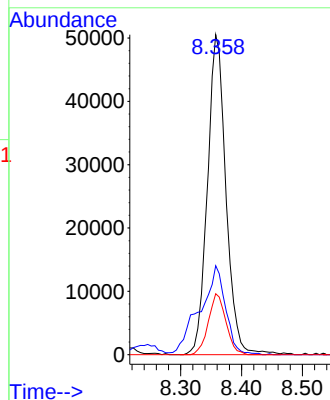
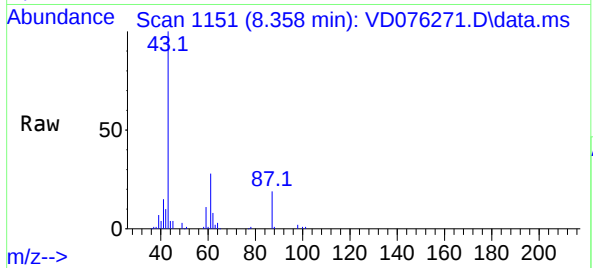




#43
Isopropyl Acetate
Concen: 54.150 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

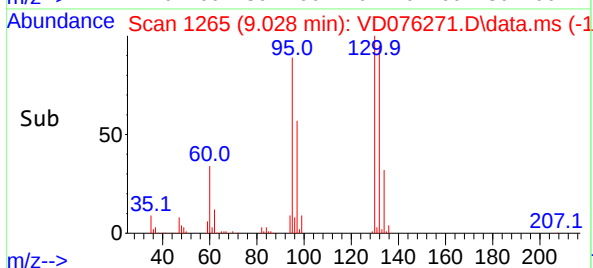
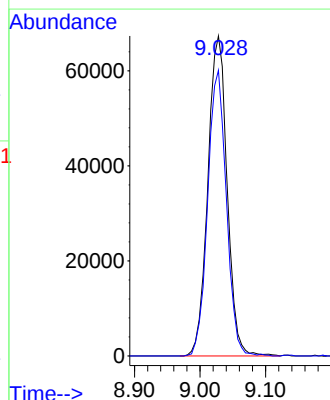
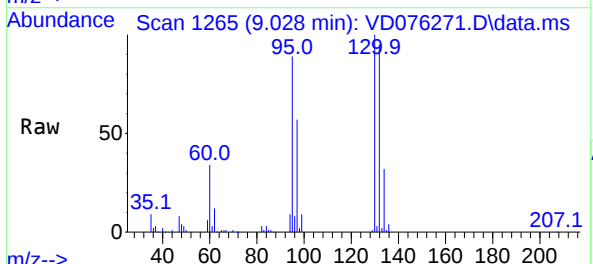
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

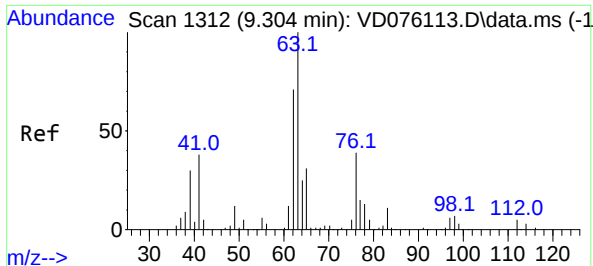
Tgt Ion: 43 Resp: 106909
Ion Ratio Lower Upper
43 100
61 38.7 23.4 35.0#
87 18.1 9.5 14.3#



#44
Trichloroethene
Concen: 49.752 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:130 Resp: 137586
Ion Ratio Lower Upper
130 100
95 89.2 0.0 197.6

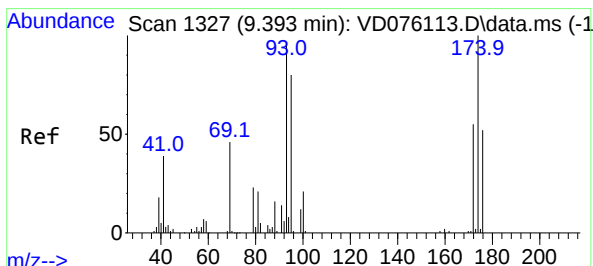
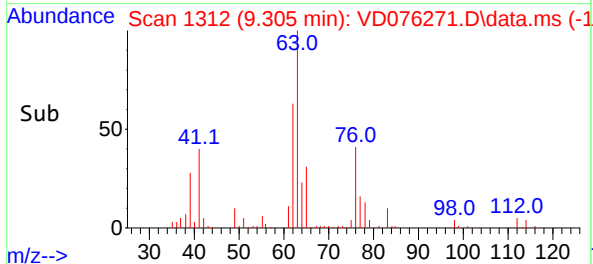
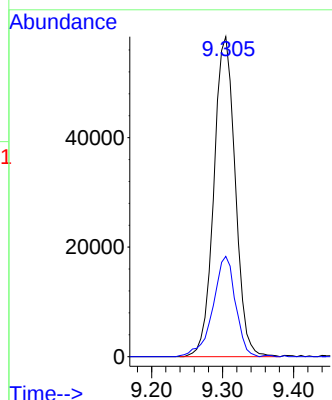
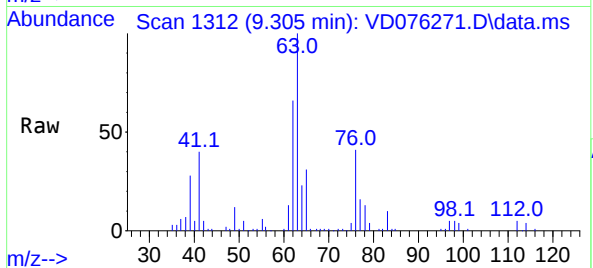




#45
1,2-Dichloropropane
Concen: 50.325 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

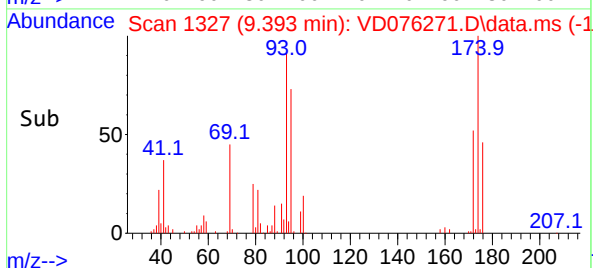
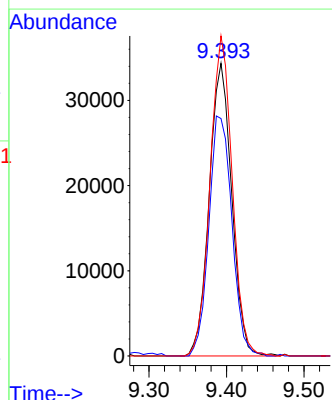
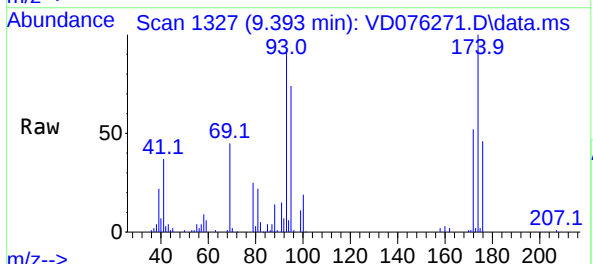
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

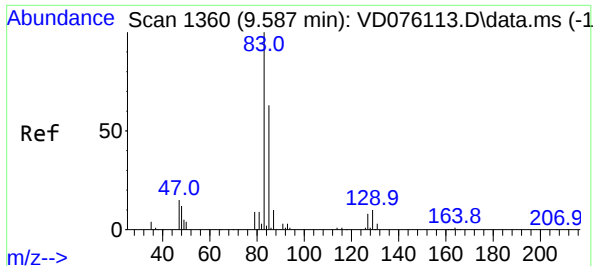
Tgt Ion: 63 Resp: 121806
Ion Ratio Lower Upper
63 100
65 31.4 23.0 34.4



#46
Dibromomethane
Concen: 51.149 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 93 Resp: 69394
Ion Ratio Lower Upper
93 100
95 84.0 64.5 96.7
174 107.7 76.2 114.4

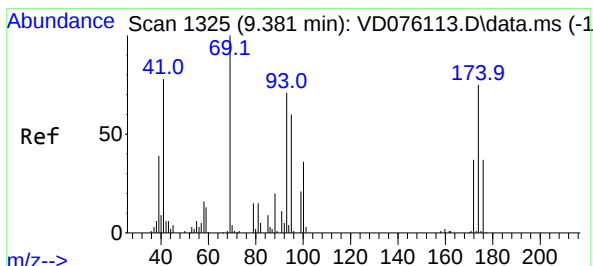
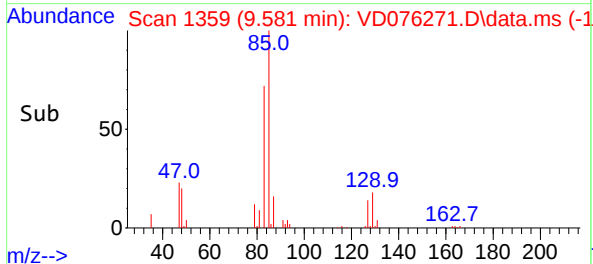
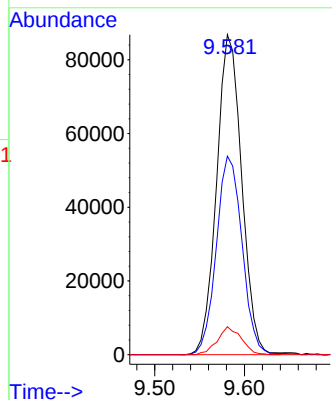
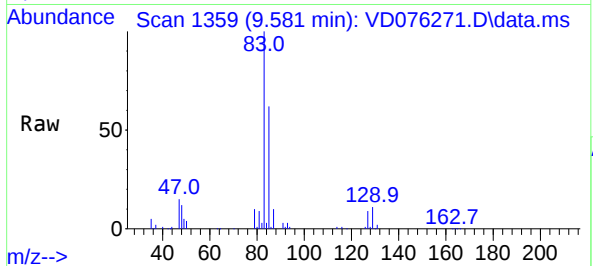




#47
Bromodichloromethane
Concen: 51.805 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

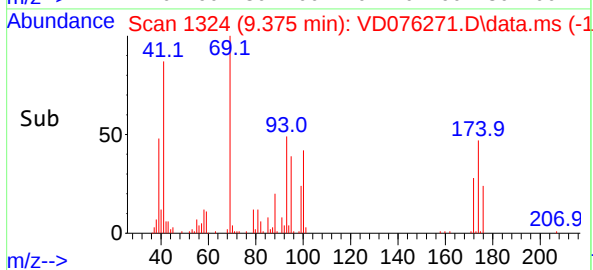
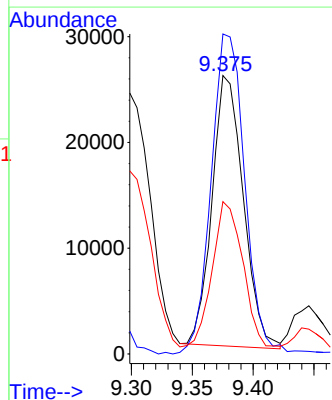
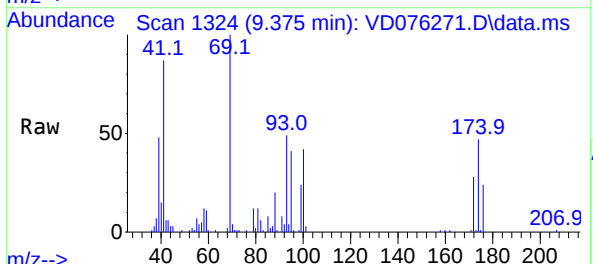
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

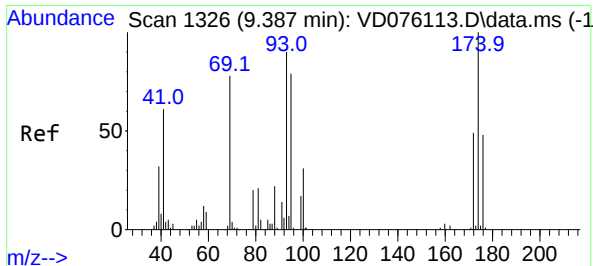
Tgt Ion: 83 Resp: 168916
Ion Ratio Lower Upper
83 100
85 62.1 53.7 80.5
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 52.266 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 41 Resp: 45670
Ion Ratio Lower Upper
41 100
69 127.9 58.6 88.0#
39 59.2 53.4 80.0

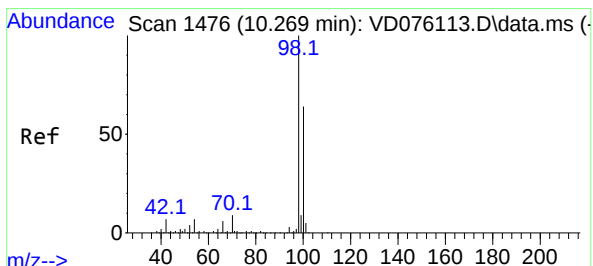
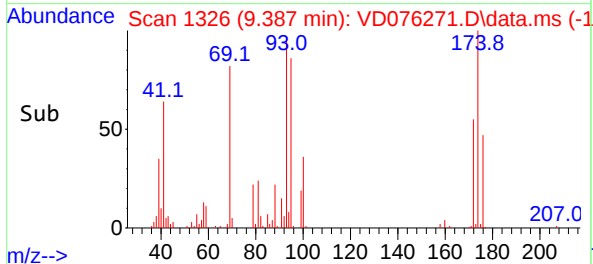
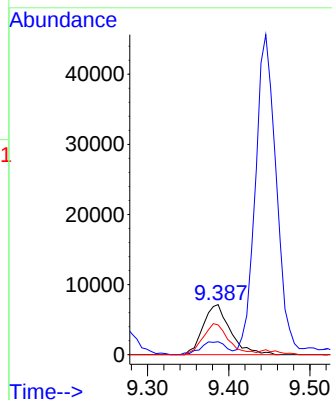
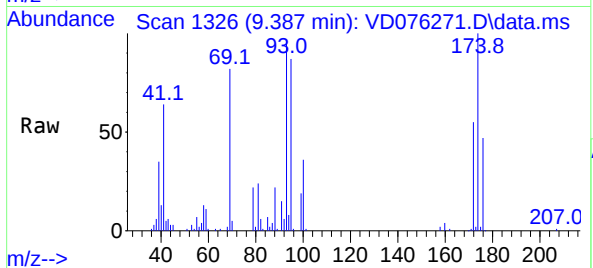




#49
1,4-Dioxane
Concen: 1144.479 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

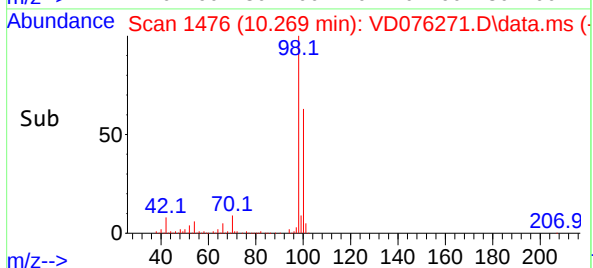
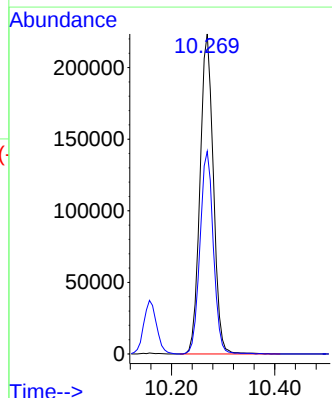
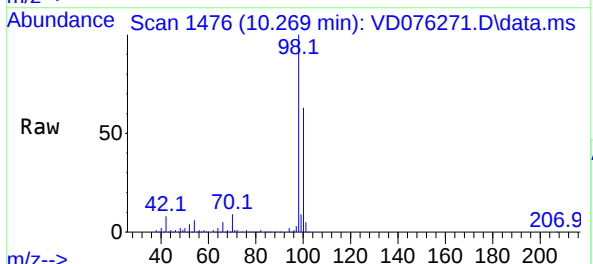
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

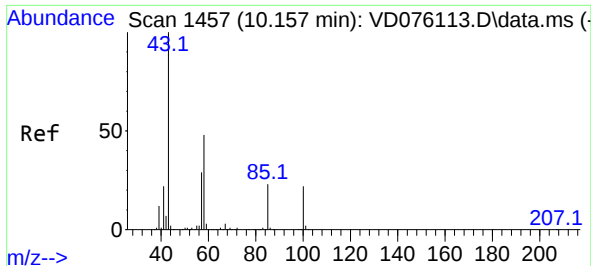
Tgt Ion: 88 Resp: 16604
Ion Ratio Lower Upper
88 100
43 24.3 34.6 51.8#
58 58.3 58.0 87.0



#50
Toluene-d8
Concen: 45.358 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 98 Resp: 399591
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

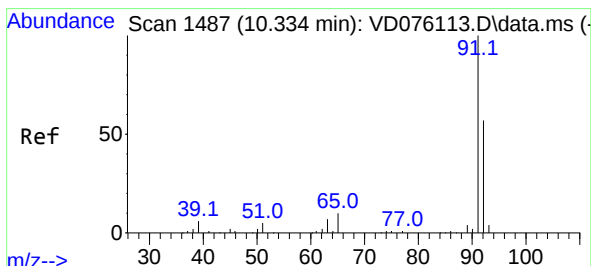
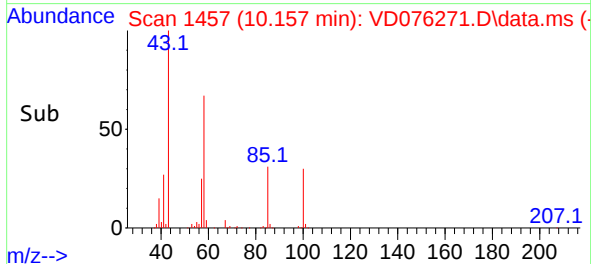
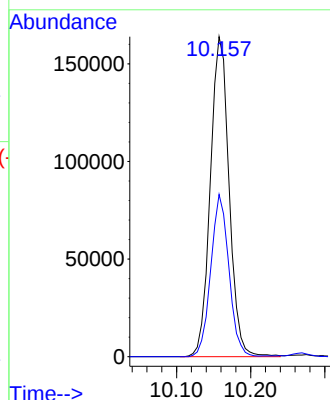
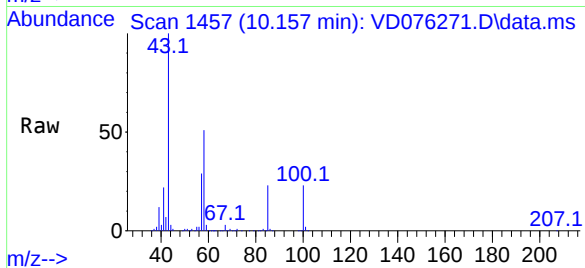




#51
4-Methyl-2-Pentanone
Concen: 274.603 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

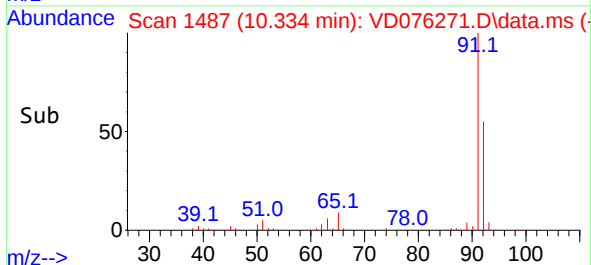
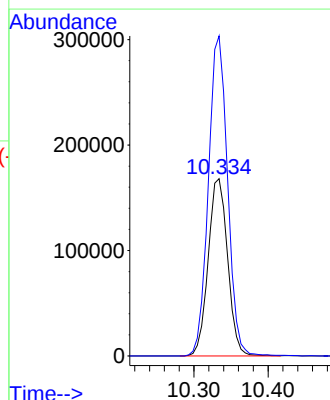
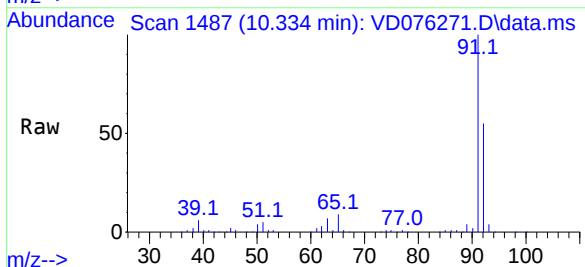
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

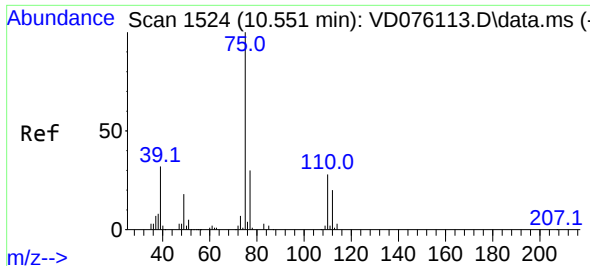
Tgt Ion: 43 Resp: 288341
Ion Ratio Lower Upper
43 100
58 48.9 29.5 44.3#



#52
Toluene
Concen: 50.018 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 92 Resp: 306541
Ion Ratio Lower Upper
92 100
91 178.3 136.5 204.7

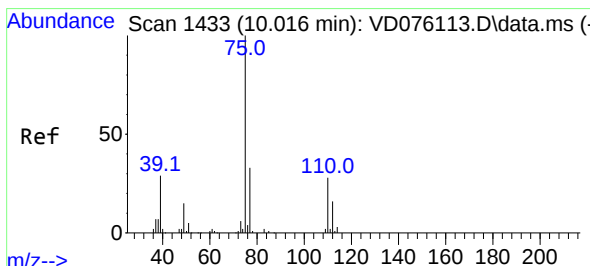
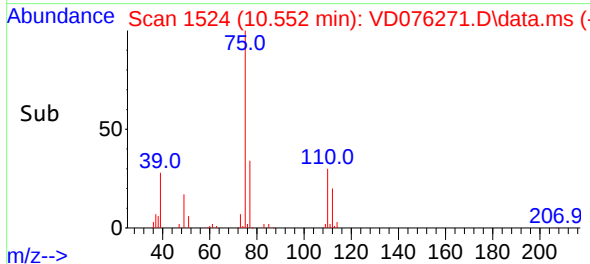
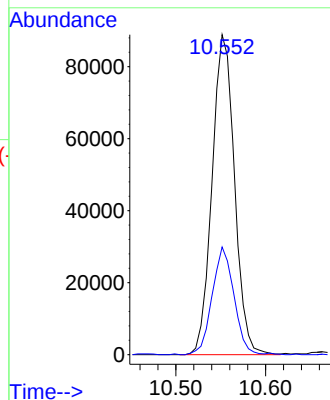
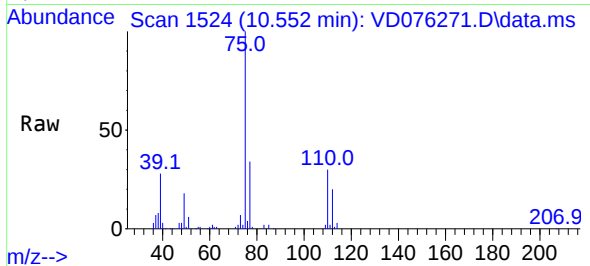




#53
 t-1,3-Dichloropropene
 Concen: 52.486 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. -0.005 min
 Lab File: VD076271.D
 Acq: 30 May 2023 12:59

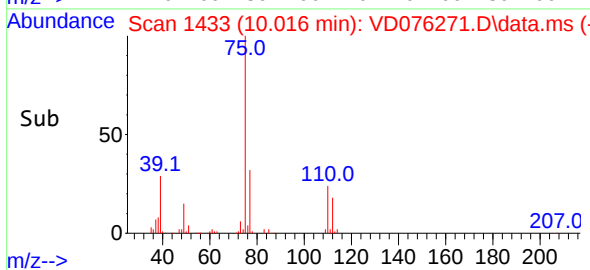
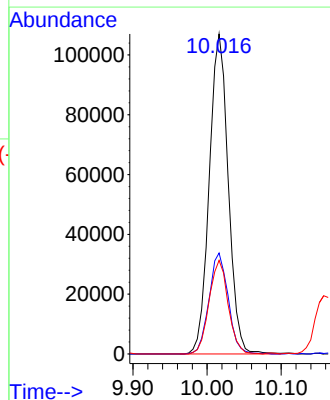
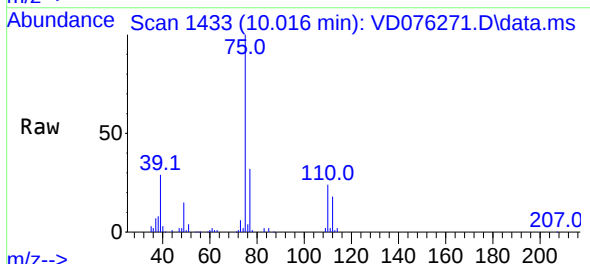
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

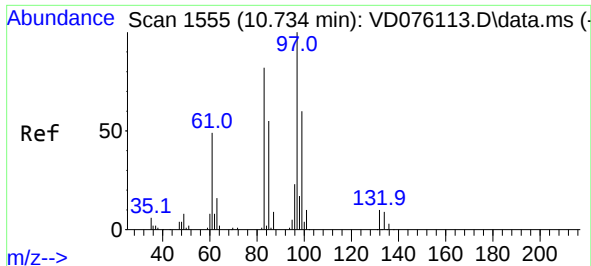
Tgt Ion: 75 Resp: 154243
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 53.100 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076271.D
 Acq: 30 May 2023 12:59

Tgt Ion: 75 Resp: 190437
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 29.2 44.8 67.2#



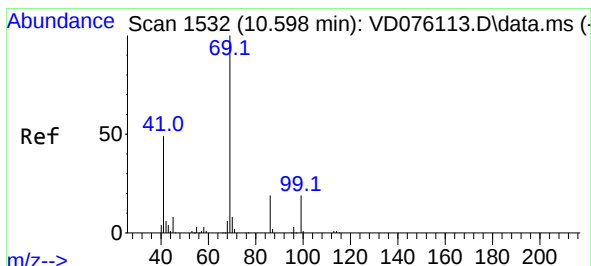
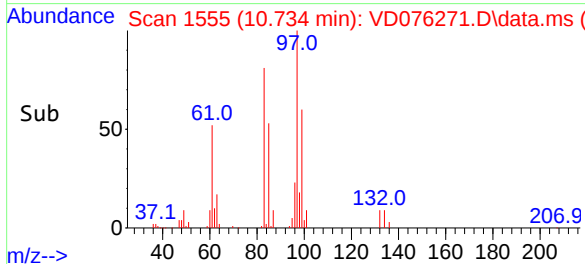
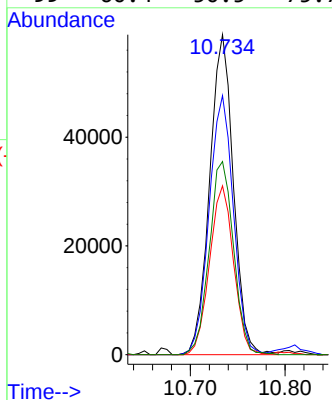
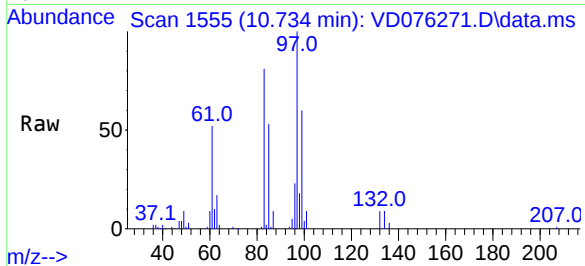


#55
1,1,2-Trichloroethane
Concen: 52.609 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 102353

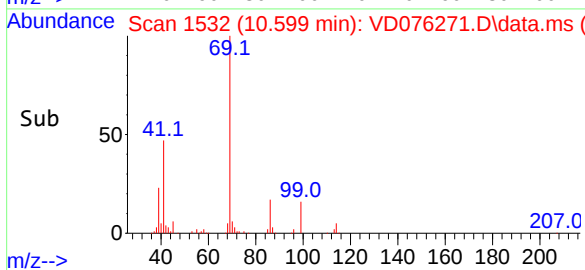
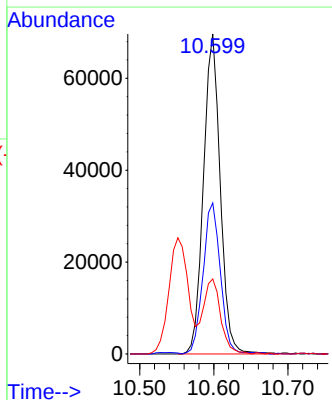
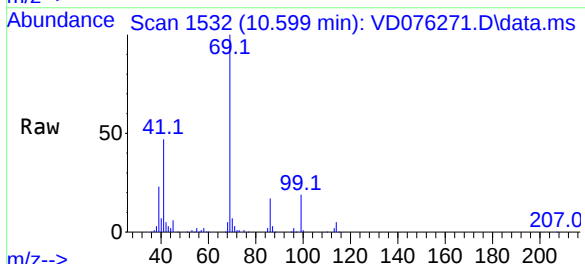
Ion	Ratio	Lower	Upper
97	100		
83	80.9	74.2	111.4
85	52.8	45.4	68.0
99	60.4	50.5	75.7

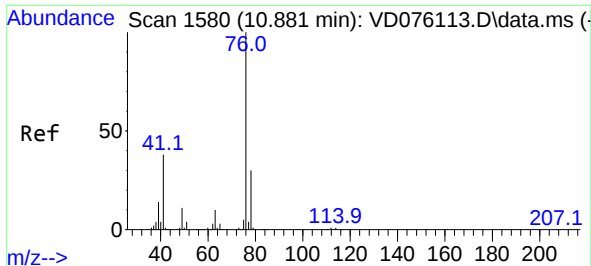


#56
Ethyl methacrylate
Concen: 56.039 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 69 Resp: 109587

Ion	Ratio	Lower	Upper
69	100		
41	48.6	59.3	88.9#
39	24.7	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 52.061 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

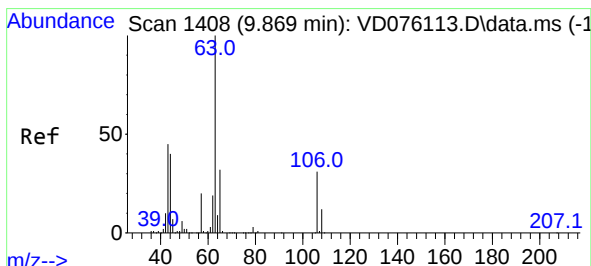
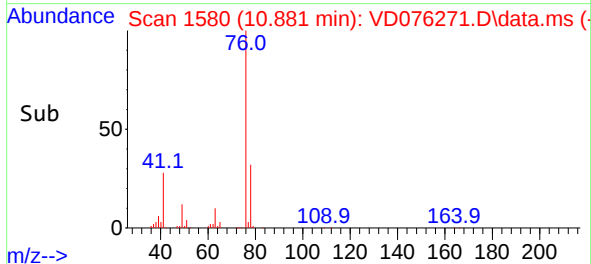
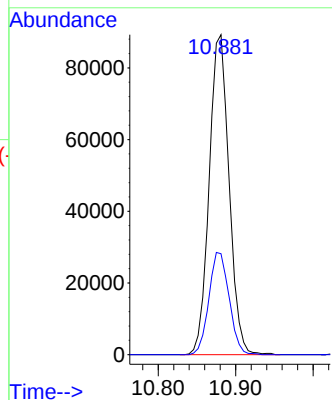
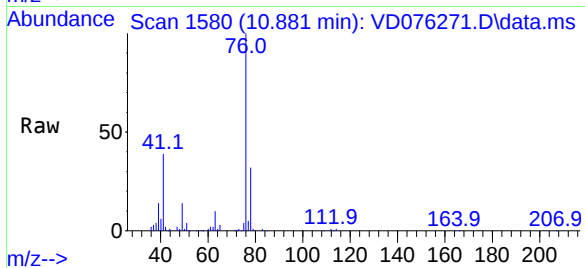
VSTDCCC050

Tgt Ion: 76 Resp: 158905

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 279.223 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076271.D

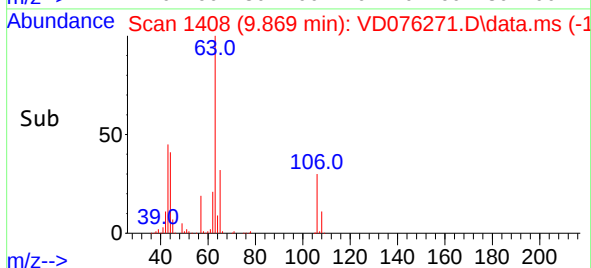
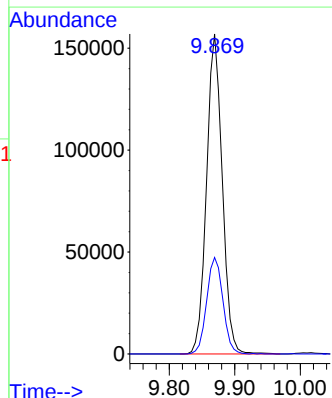
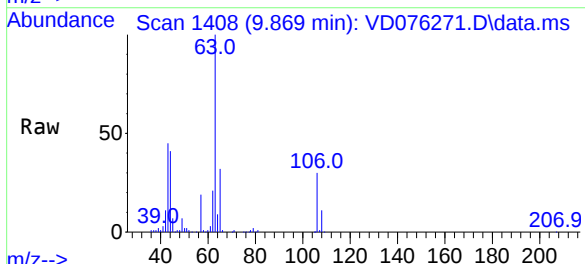
Acq: 30 May 2023 12:59

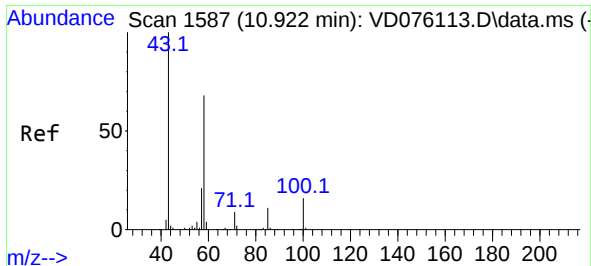
Tgt Ion: 63 Resp: 261988

Ion Ratio Lower Upper

63 100

106 31.1 21.4 32.2

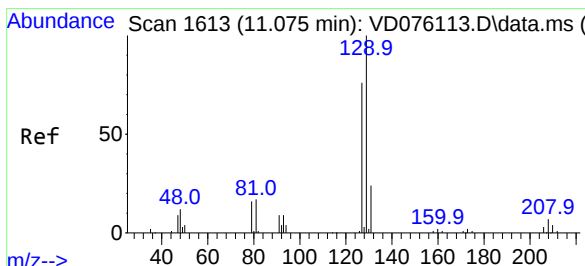
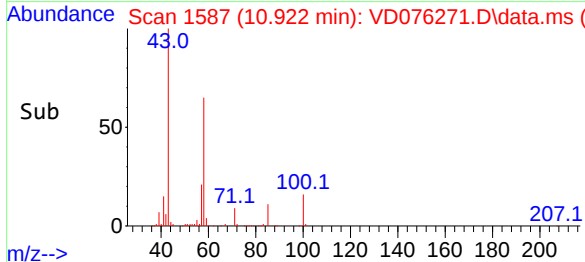
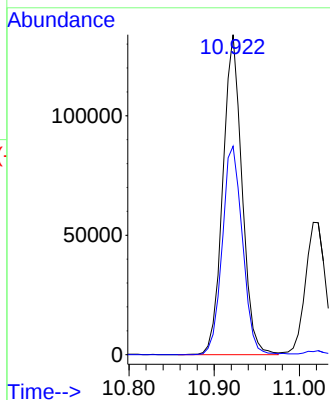
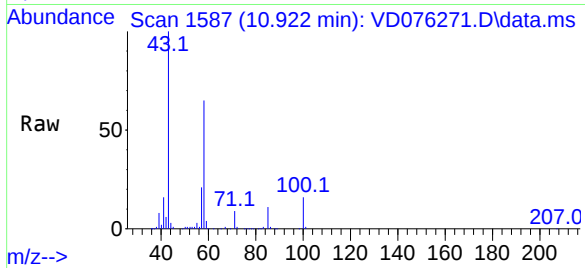




#59
2-Hexanone
Concen: 283.177 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

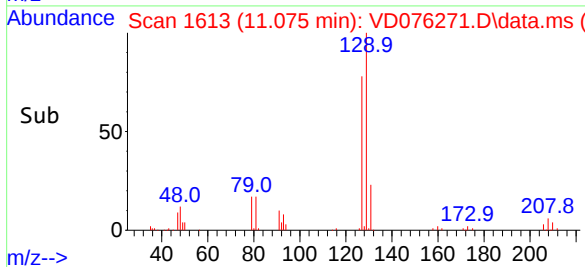
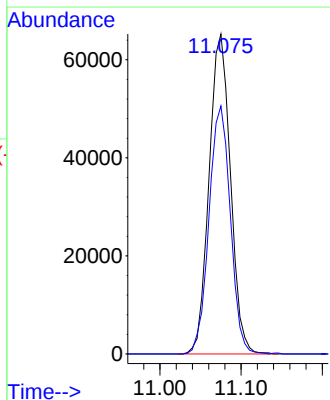
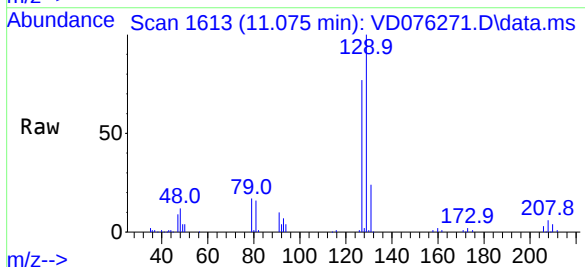
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

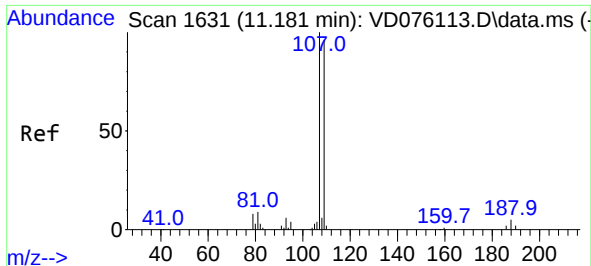
Tgt Ion: 43 Resp: 209695
Ion Ratio Lower Upper
43 100
58 68.8 25.3 75.8



#60
Dibromochloromethane
Concen: 54.553 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:129 Resp: 119338
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5

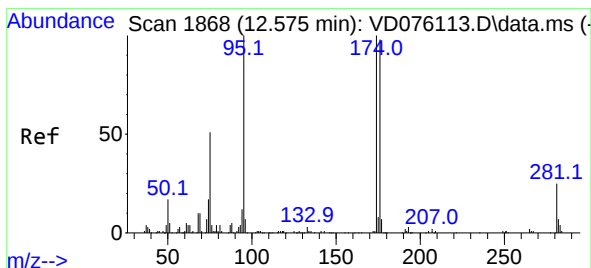
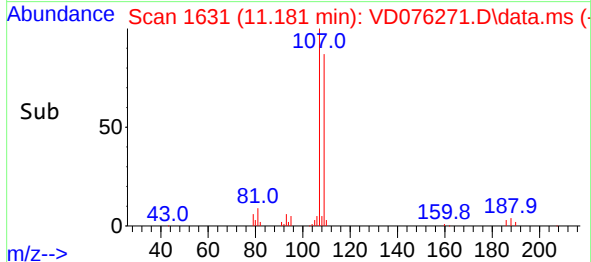
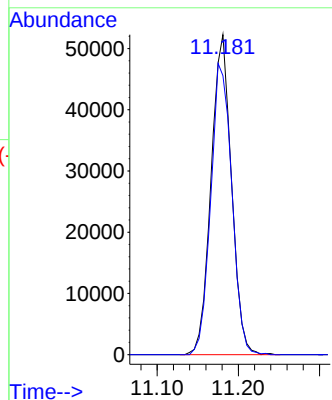
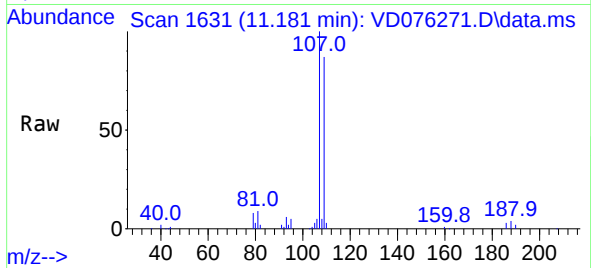




#61
1,2-Dibromoethane
Concen: 52.523 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

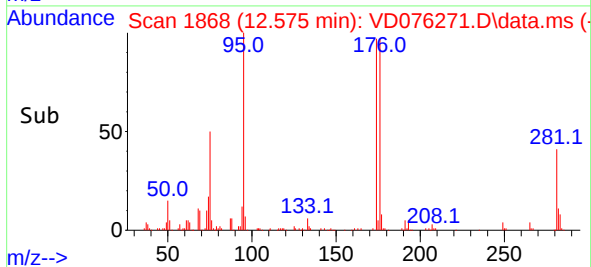
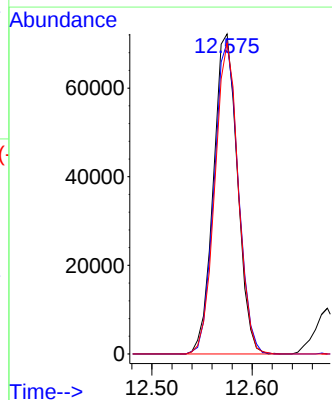
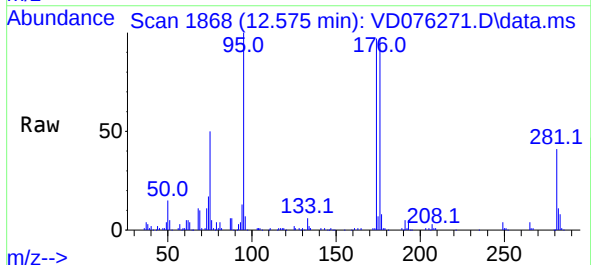
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

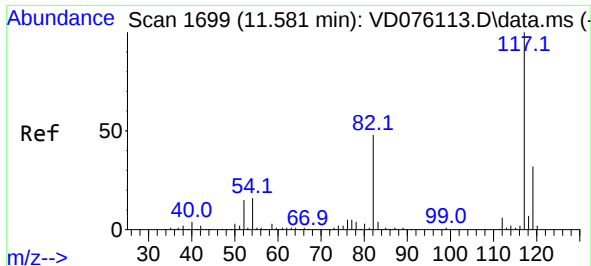
Tgt Ion:107 Resp: 90899
Ion Ratio Lower Upper
107 100
109 94.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 48.854 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 95 Resp: 119555
Ion Ratio Lower Upper
95 100
174 97.7 0.0 164.0
176 94.8 0.0 156.8

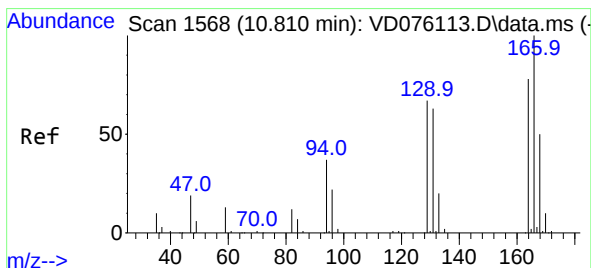
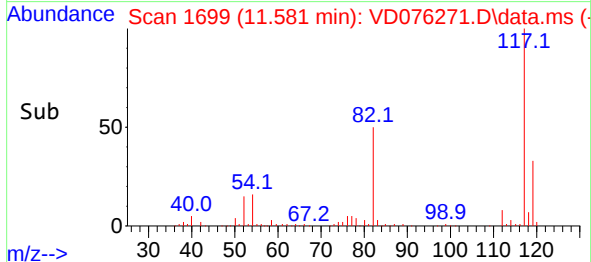
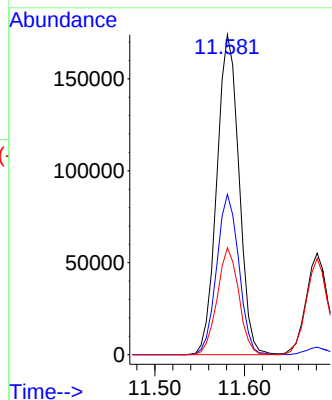
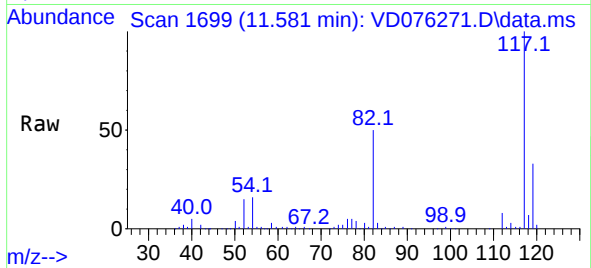




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

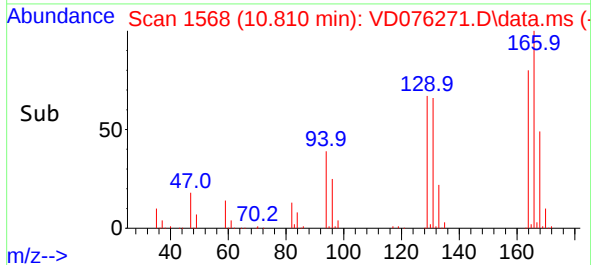
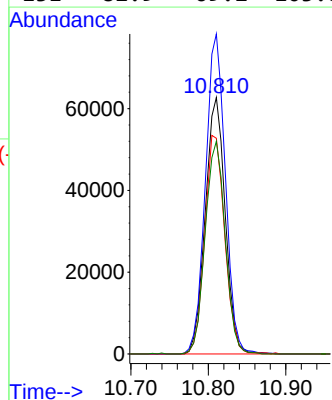
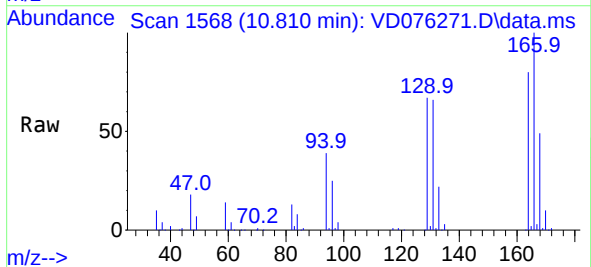
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

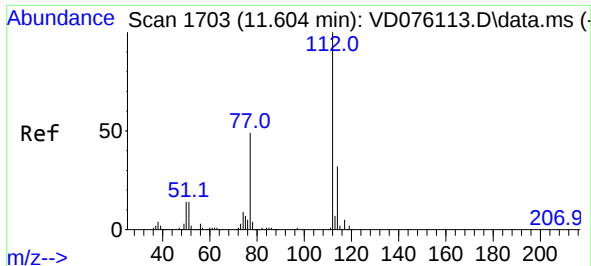
Tgt Ion:117 Resp: 298578
Ion Ratio Lower Upper
117 100
82 50.1 44.0 66.0
119 33.4 25.1 37.7



#64
Tetrachloroethene
Concen: 48.834 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:164 Resp: 112122
Ion Ratio Lower Upper
164 100
166 124.8 94.9 142.3
129 84.1 73.0 109.6
131 82.9 69.2 103.8

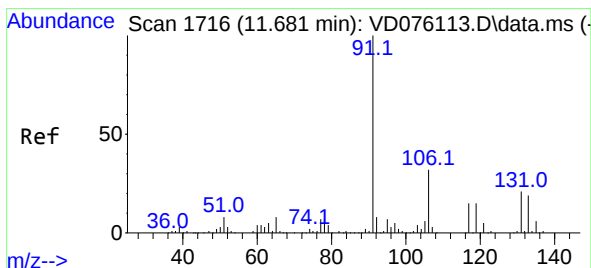
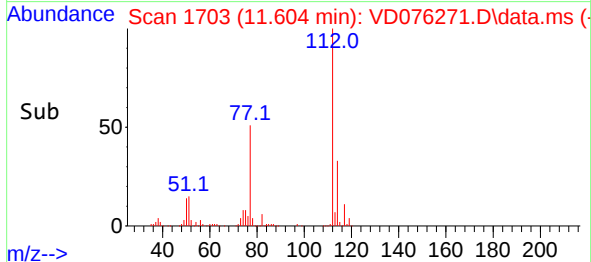
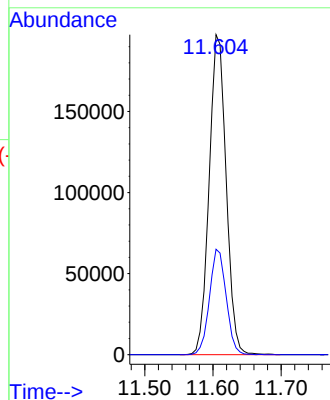
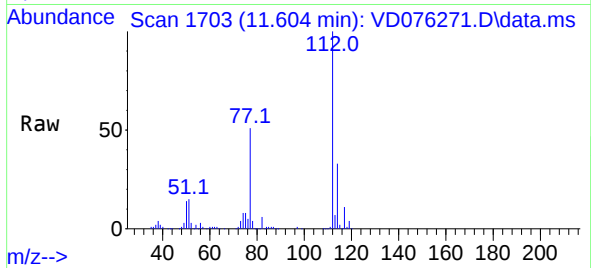




#65
Chlorobenzene
Concen: 50.422 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

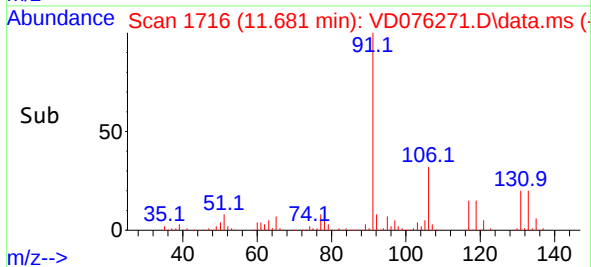
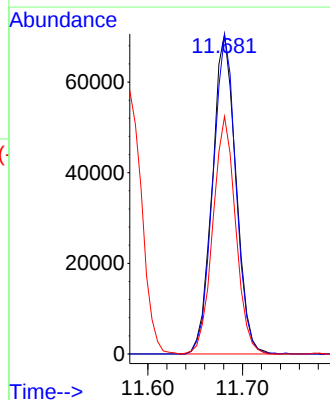
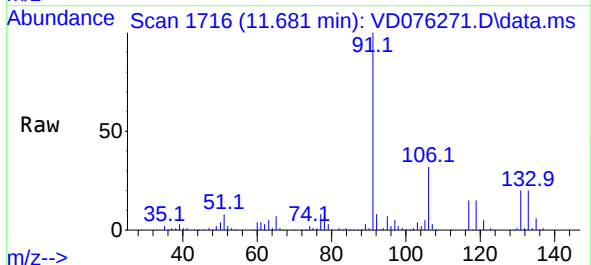
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

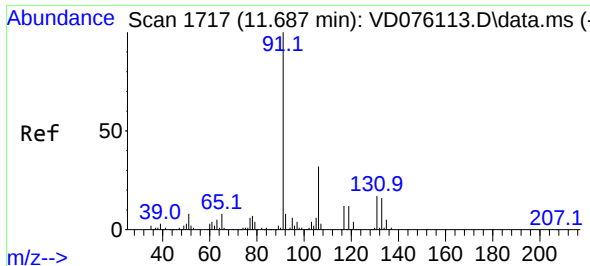
Tgt Ion:112 Resp: 342736
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.138 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:131 Resp: 121962
Ion Ratio Lower Upper
131 100
133 97.0 46.7 140.0
119 71.7 31.9 95.9

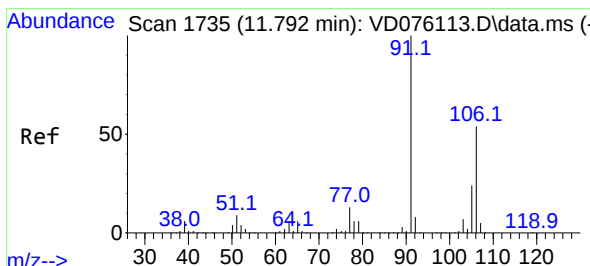
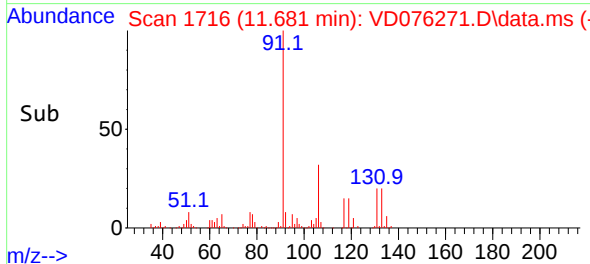
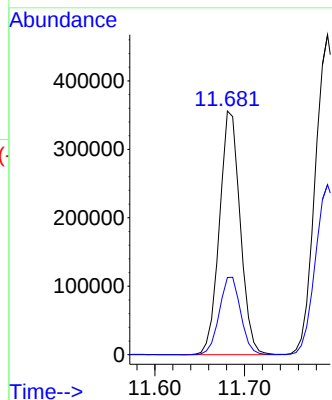
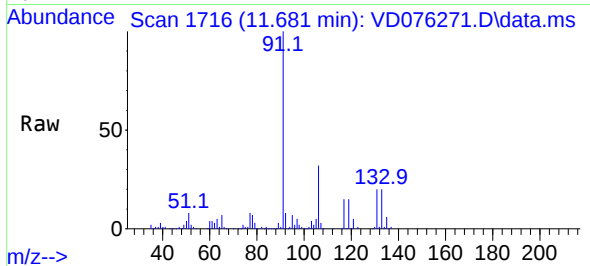




#67
Ethyl Benzene
Concen: 52.667 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

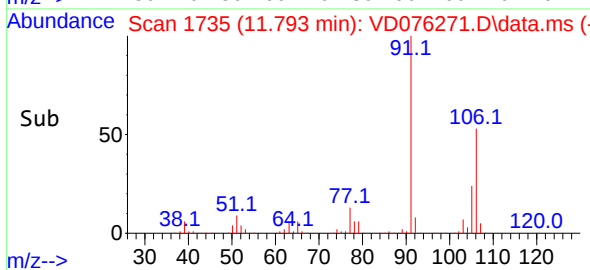
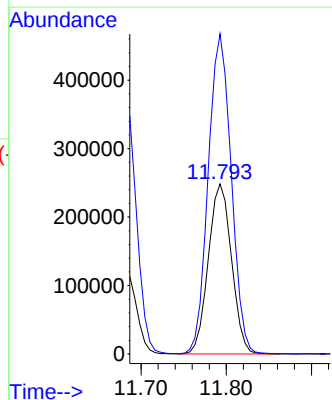
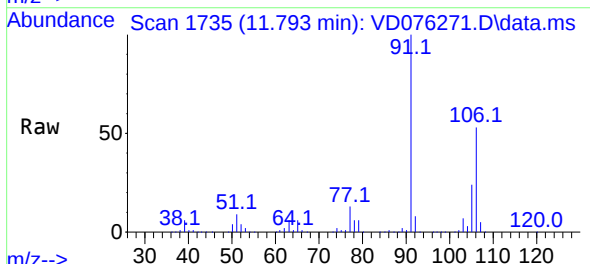
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

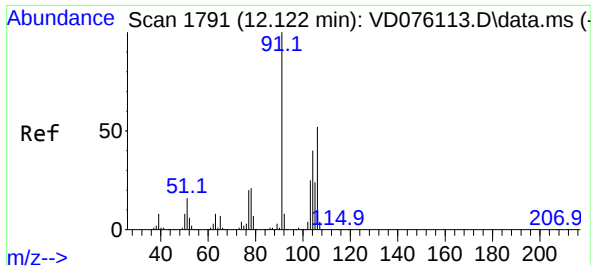
Tgt Ion: 91 Resp: 572044
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 105.597 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:106 Resp: 468760
Ion Ratio Lower Upper
106 100
91 187.4 161.5 242.3

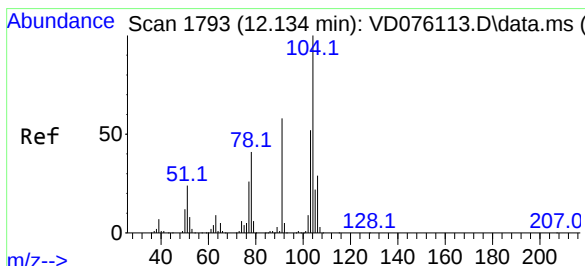
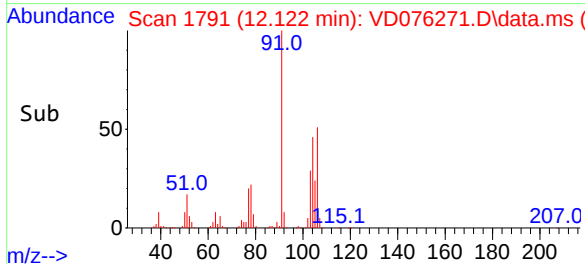
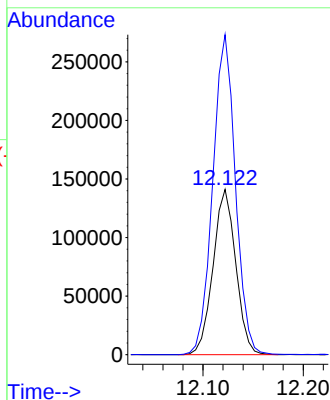
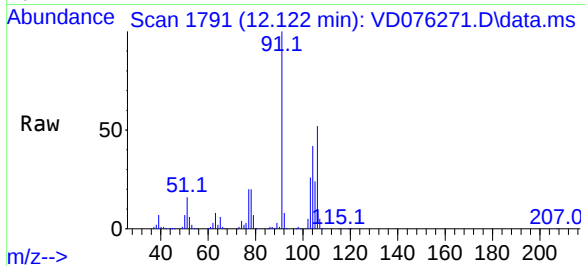




#69
o-Xylene
Concen: 54.760 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

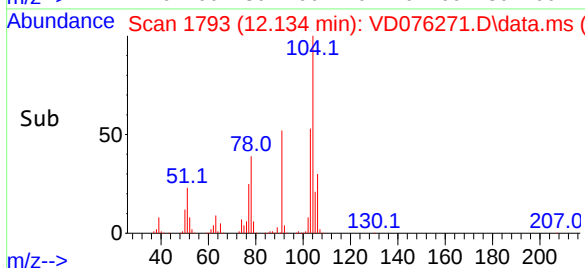
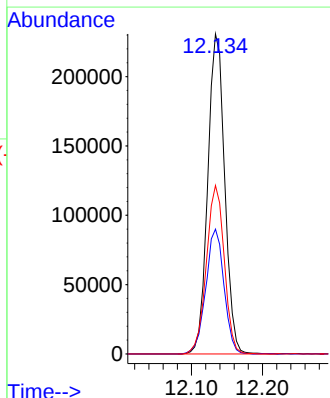
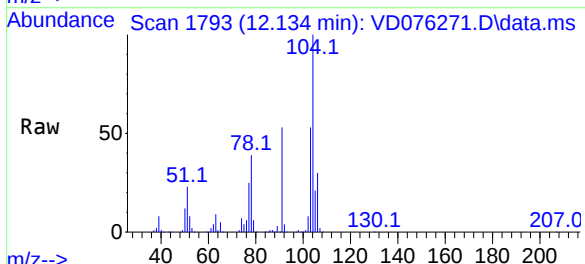
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

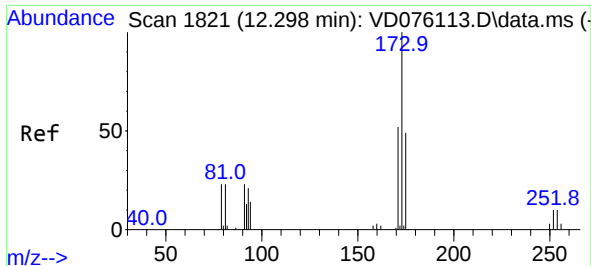
Tgt Ion:106 Resp: 221807
Ion Ratio Lower Upper
106 100
91 193.3 105.7 317.1



#70
Styrene
Concen: 54.632 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:104 Resp: 383664
Ion Ratio Lower Upper
104 100
78 41.9 40.2 60.4
103 55.5 44.2 66.2

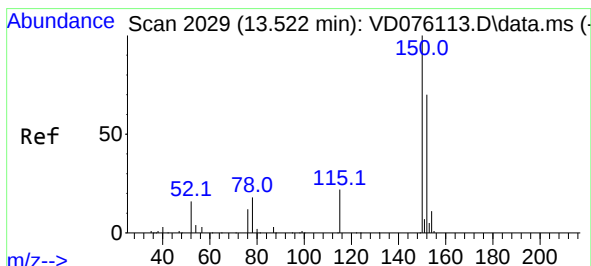
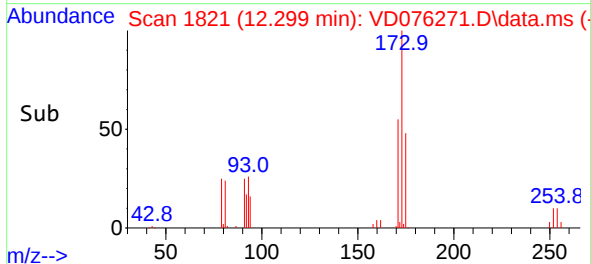
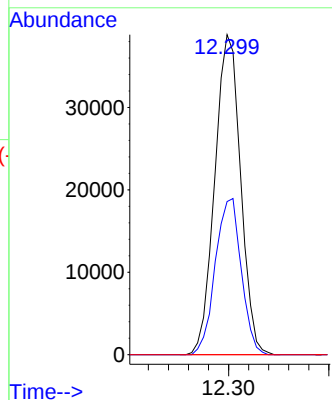
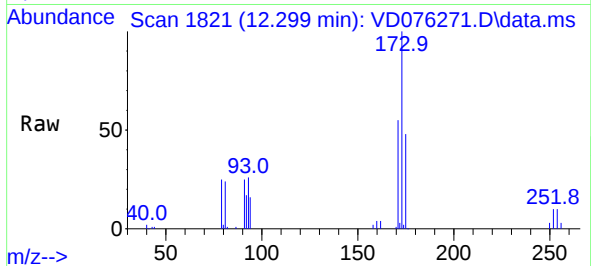




#71
Bromoform
Concen: 52.734 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

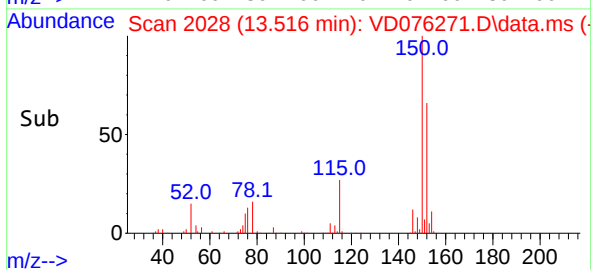
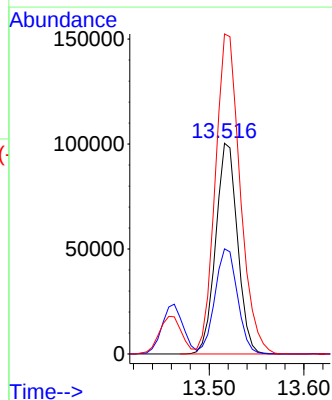
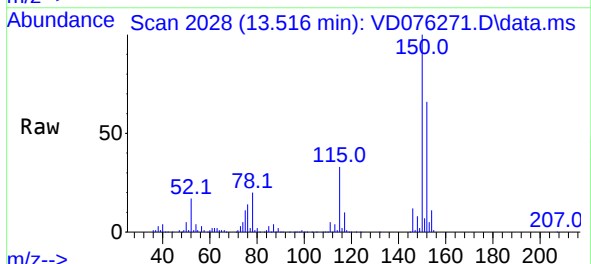
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

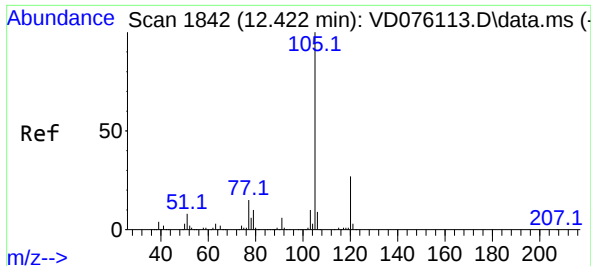
Tgt Ion:173 Resp: 69386
Ion Ratio Lower Upper
173 100
175 49.0 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:152 Resp: 160597
Ion Ratio Lower Upper
152 100
115 51.7 30.1 90.3
150 173.3 0.0 364.8

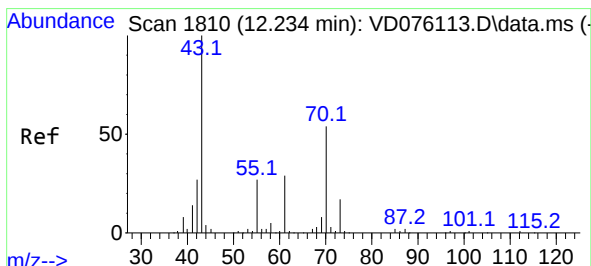
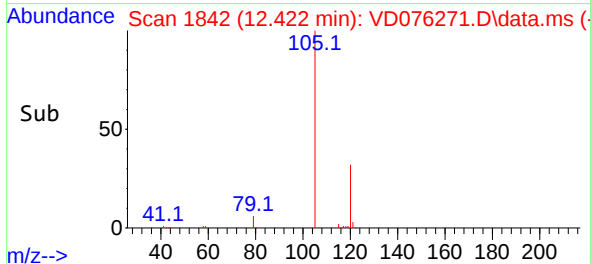
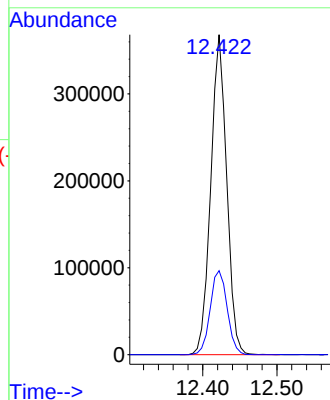
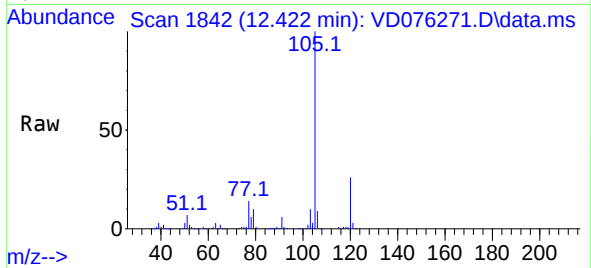




#73
Isopropylbenzene
Concen: 51.626 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

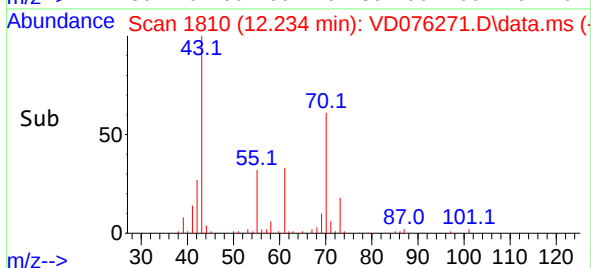
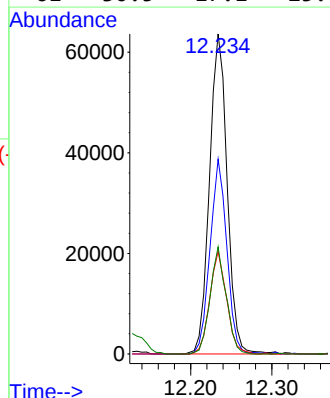
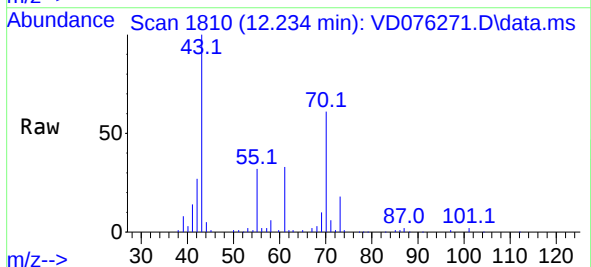
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

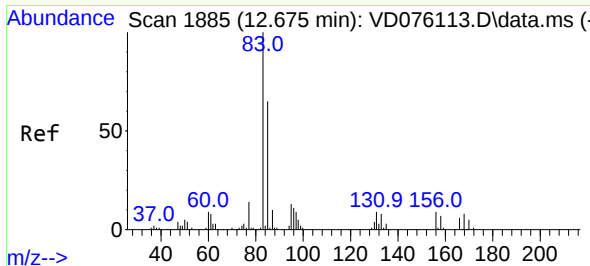
Tgt Ion:105 Resp: 548455
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 50.770 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 43 Resp: 96071
Ion Ratio Lower Upper
43 100
70 58.1 31.0 46.4#
55 30.6 18.6 28.0#
61 30.5 17.1 25.7#

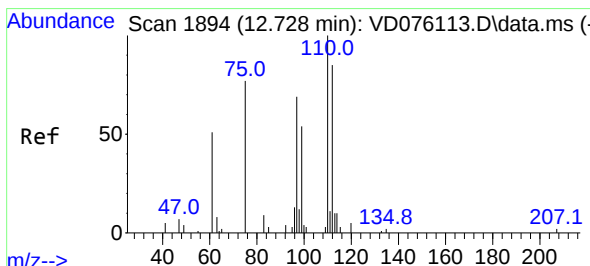
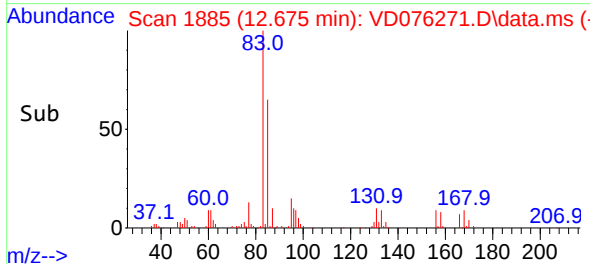
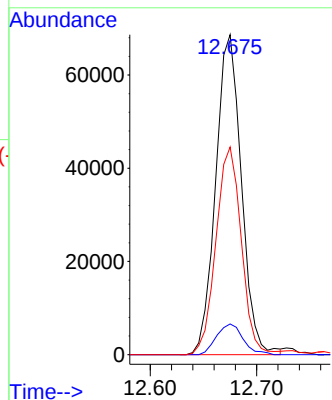
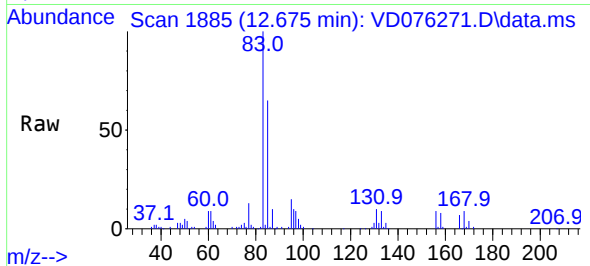




#75
1,1,2,2-Tetrachloroethane
Concen: 50.389 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

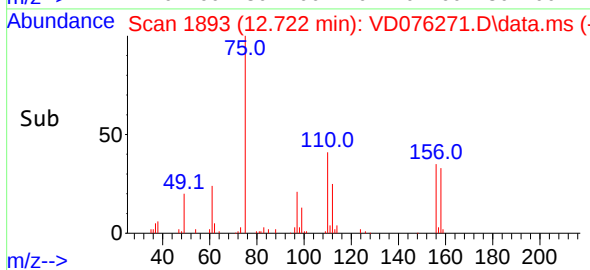
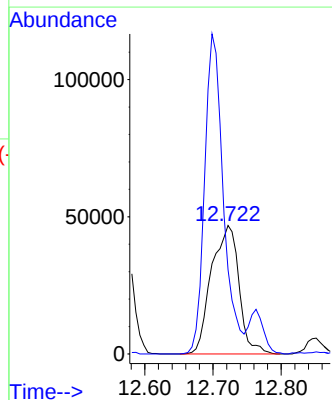
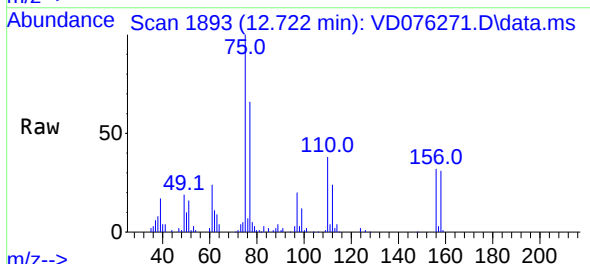
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

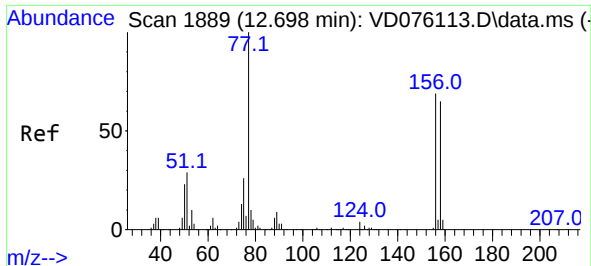
Tgt Ion: 83 Resp: 115053
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 63.8 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 93.707 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 75 Resp: 131692
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

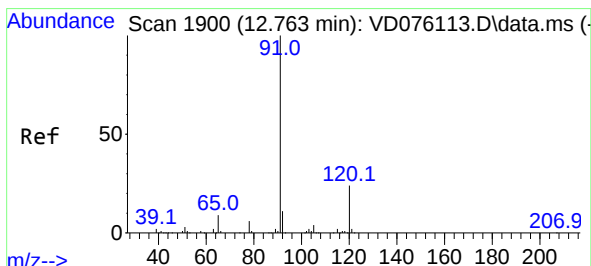
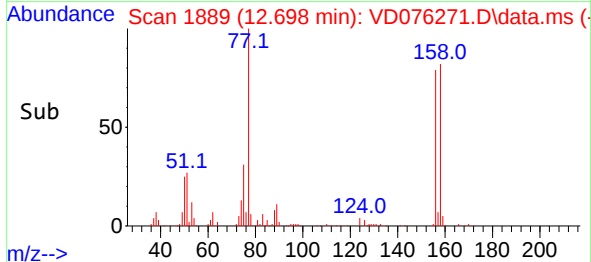
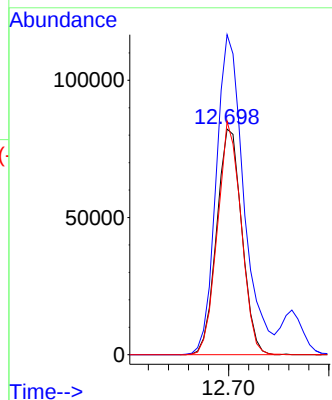
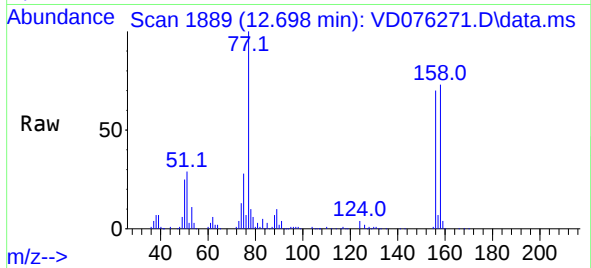




#77
Bromobenzene
Concen: 50.329 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

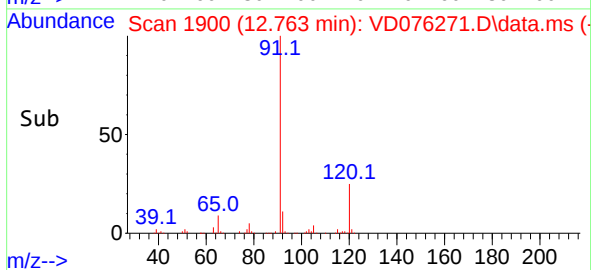
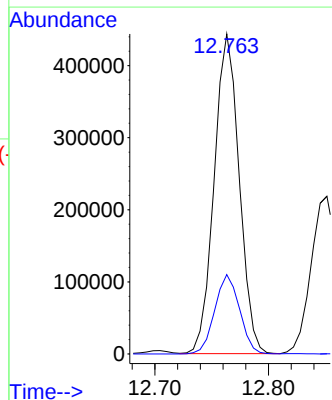
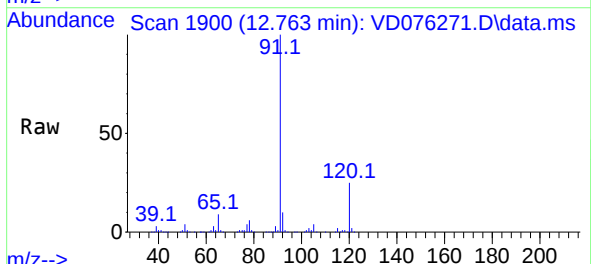
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

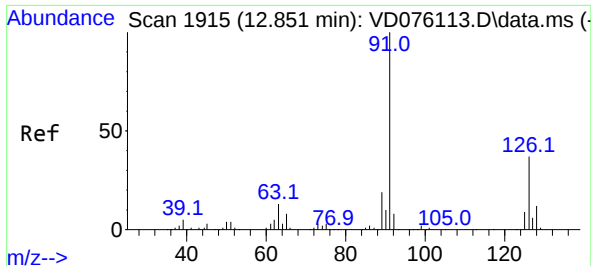
Tgt Ion:156 Resp: 143311
Ion Ratio Lower Upper
156 100
77 156.0 89.5 268.6
158 97.2 47.8 143.4



#78
n-propylbenzene
Concen: 51.345 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 91 Resp: 678966
Ion Ratio Lower Upper
91 100
120 24.6 11.4 34.2

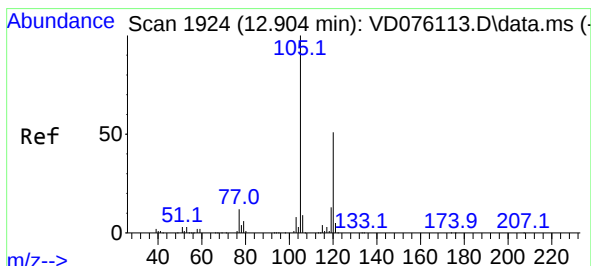
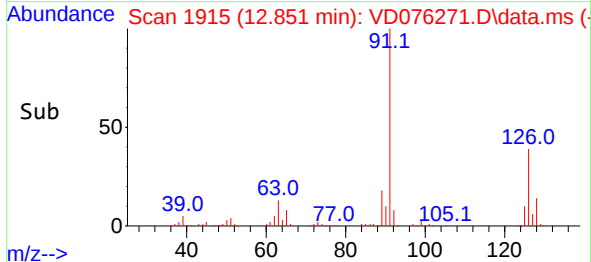
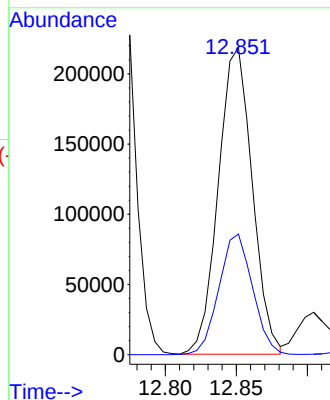
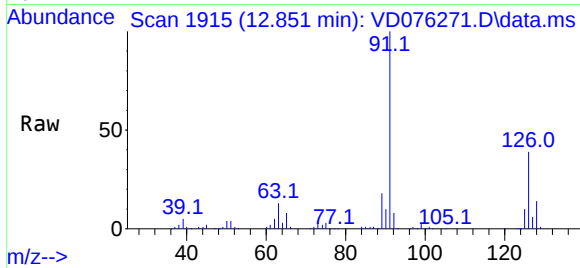




#79
2-Chlorotoluene
Concen: 49.578 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

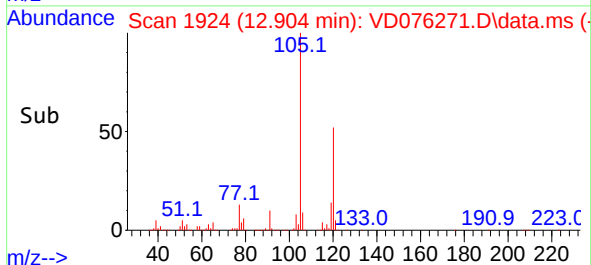
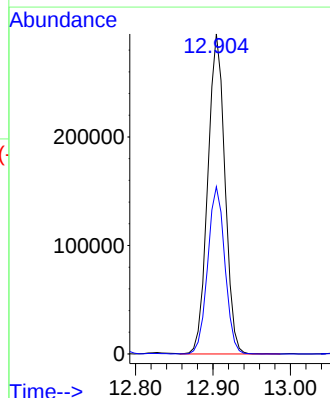
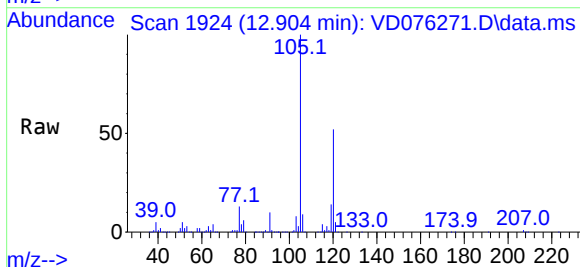
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

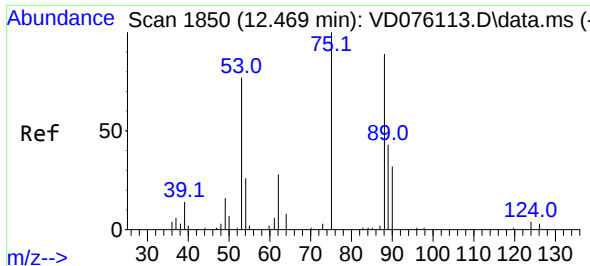
Tgt Ion: 91 Resp: 362840
Ion Ratio Lower Upper
91 100
126 39.1 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 51.369 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 105 Resp: 452403
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.8

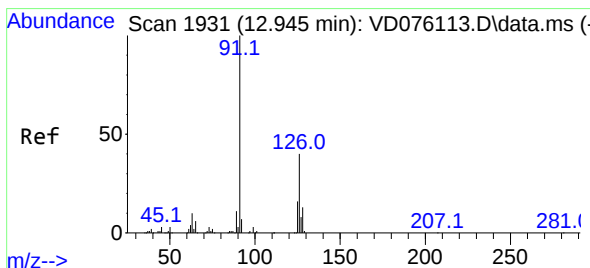
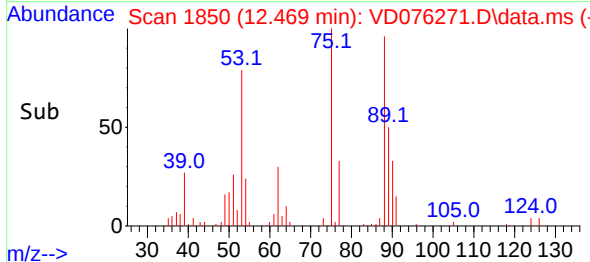
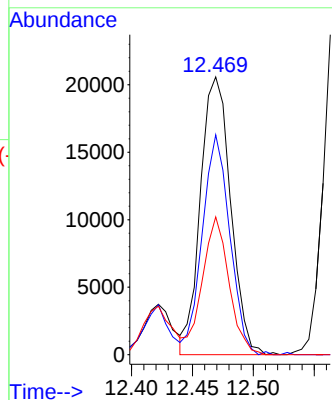
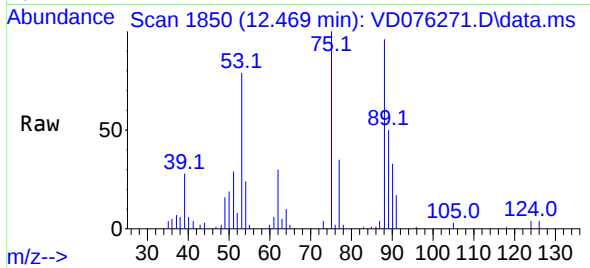




#81
trans-1,4-Dichloro-2-butene
Concen: 52.967 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

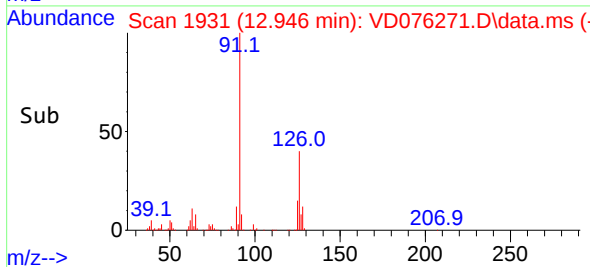
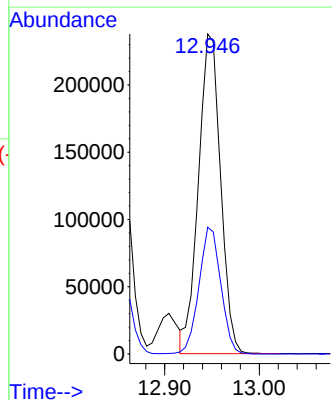
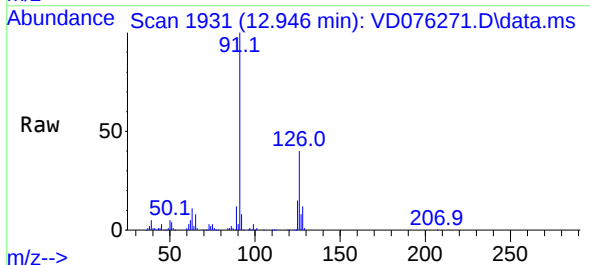
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

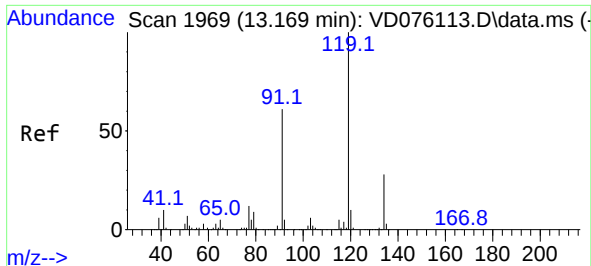
Tgt Ion: 75 Resp: 35483
Ion Ratio Lower Upper
75 100
53 72.2 90.5 135.7#
89 44.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 49.590 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.005 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 91 Resp: 386039
Ion Ratio Lower Upper
91 100
126 39.2 17.1 51.2

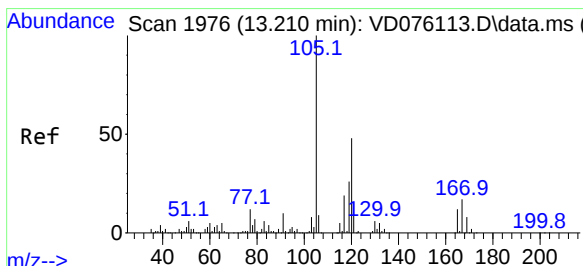
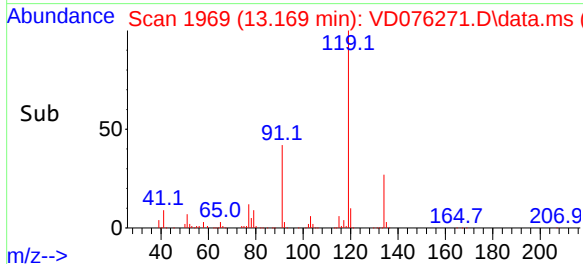
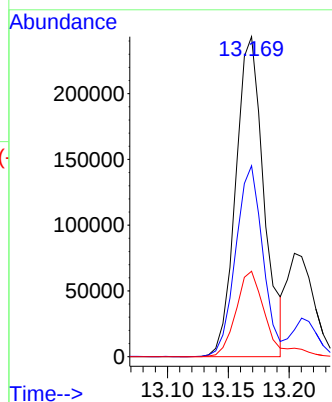
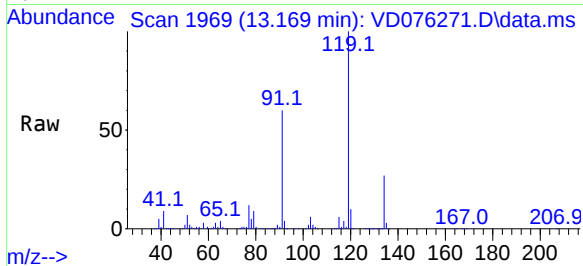




#83
tert-Butylbenzene
Concen: 52.511 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

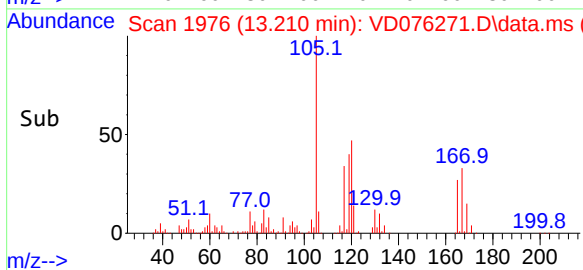
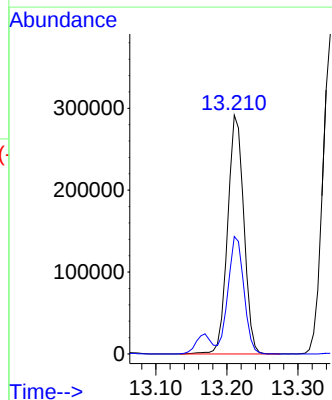
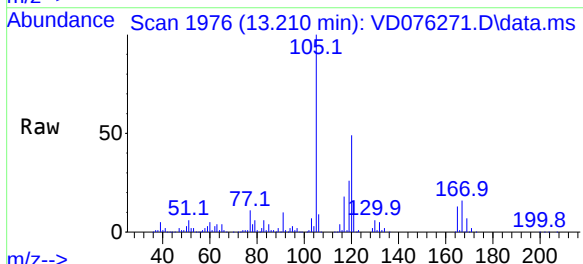
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

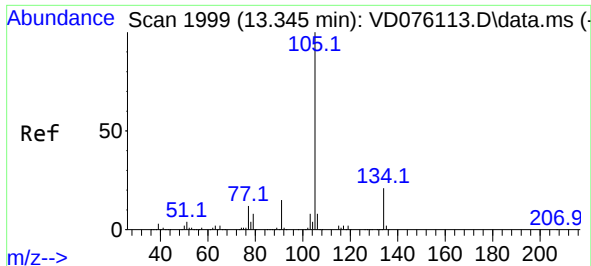
Tgt Ion:119 Resp: 390834
Ion Ratio Lower Upper
119 100
91 57.7 32.4 97.0
134 28.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 52.595 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:105 Resp: 461294
Ion Ratio Lower Upper
105 100
120 47.9 22.3 66.9

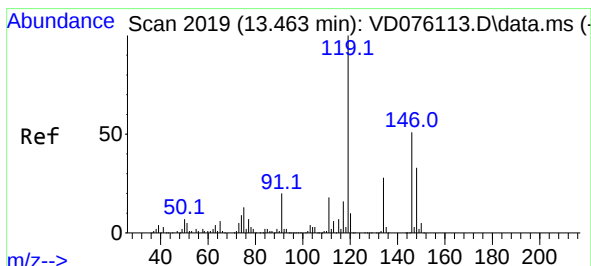
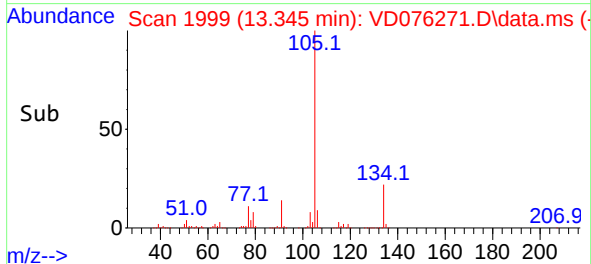
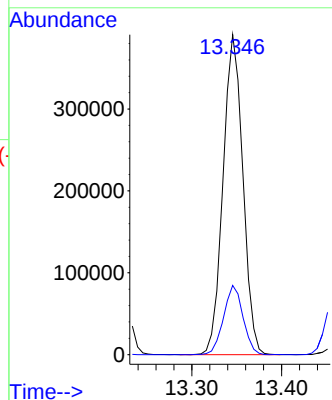
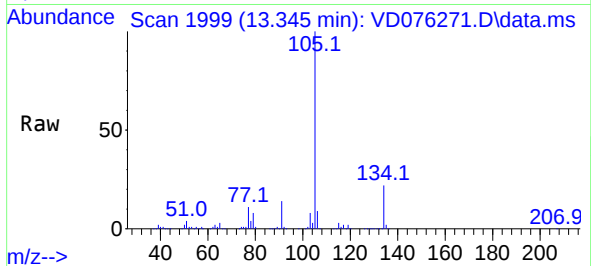




#85
sec-Butylbenzene
Concen: 51.693 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

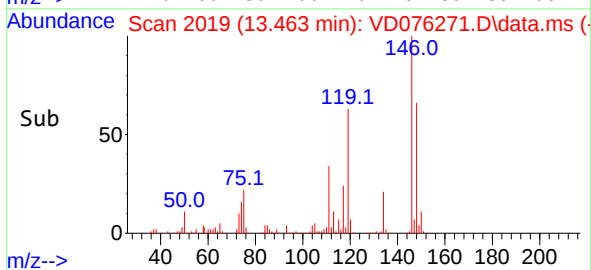
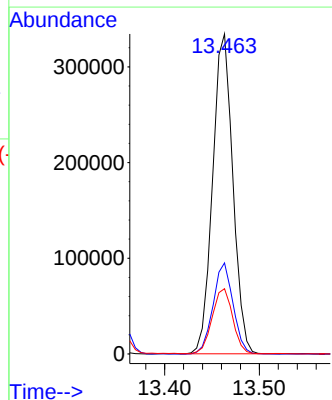
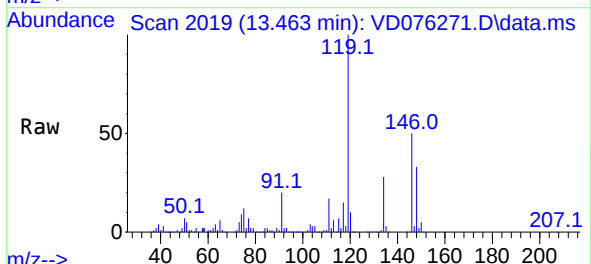
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

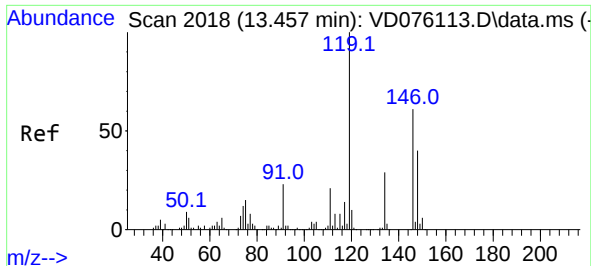
Tgt Ion:105 Resp: 599610
Ion Ratio Lower Upper
105 100
134 21.2 9.9 29.7



#86
p-Isopropyltoluene
Concen: 52.122 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:119 Resp: 494700
Ion Ratio Lower Upper
119 100
134 28.2 13.1 39.3
91 20.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.016 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

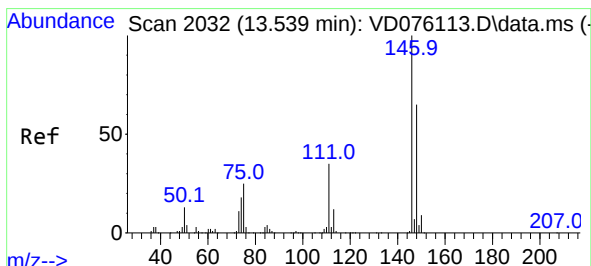
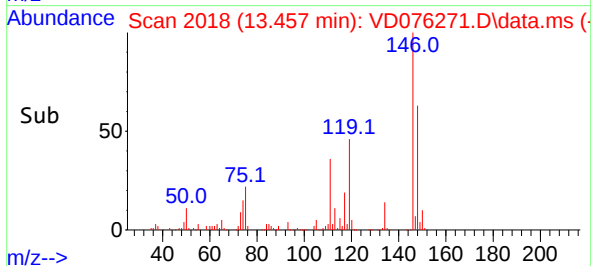
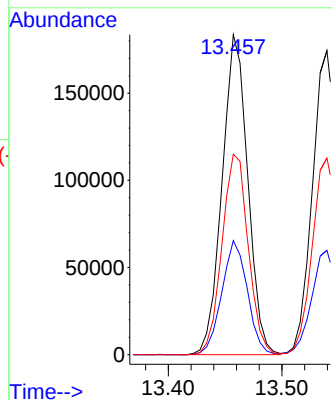
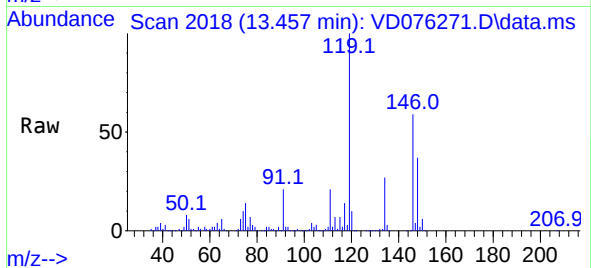
Tgt Ion:146 Resp: 287953

Ion Ratio Lower Upper

146 100

111 35.6 19.8 59.3

148 64.1 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 49.665 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

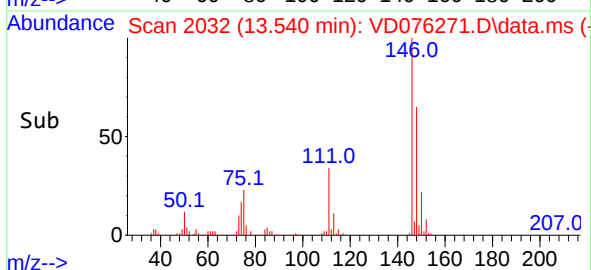
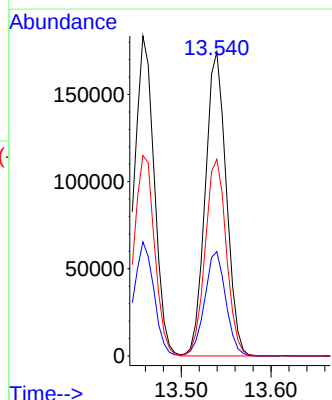
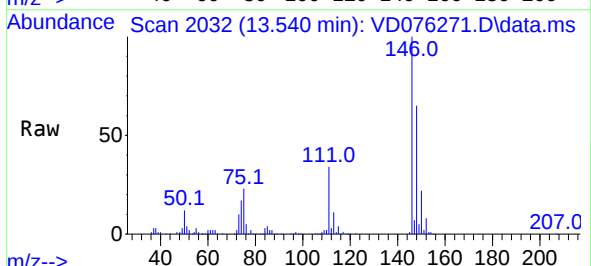
Tgt Ion:146 Resp: 283121

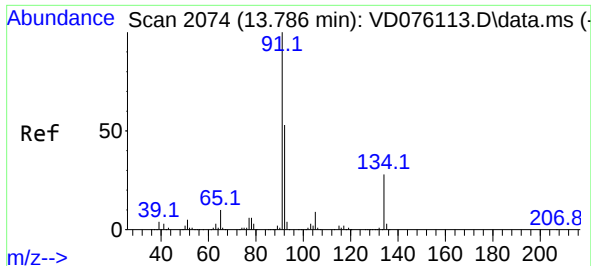
Ion Ratio Lower Upper

146 100

111 34.5 19.6 58.8

148 65.2 31.7 95.1

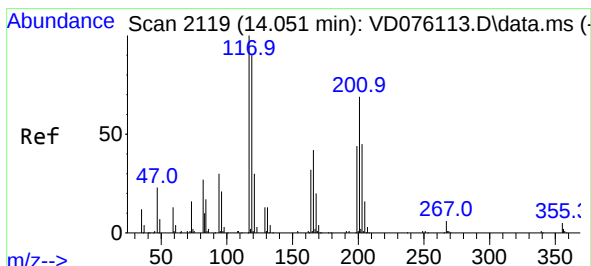
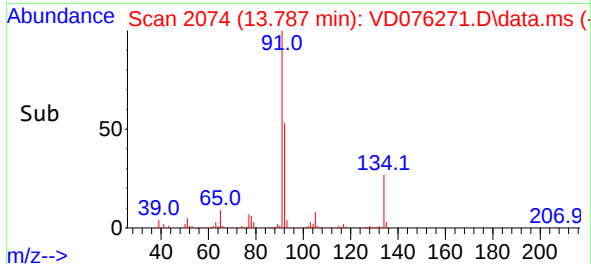
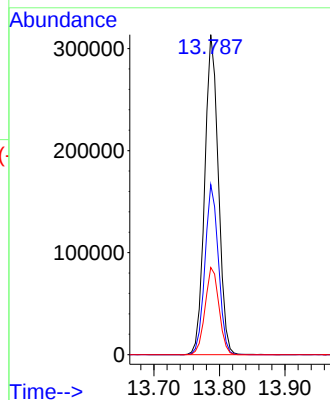
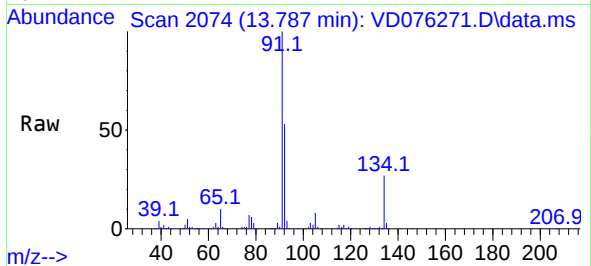




#89
n-Butylbenzene
Concen: 50.860 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

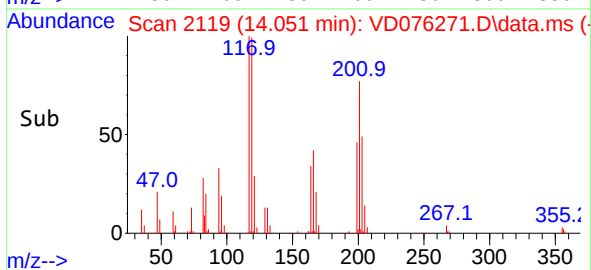
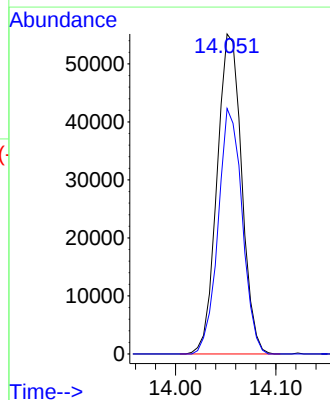
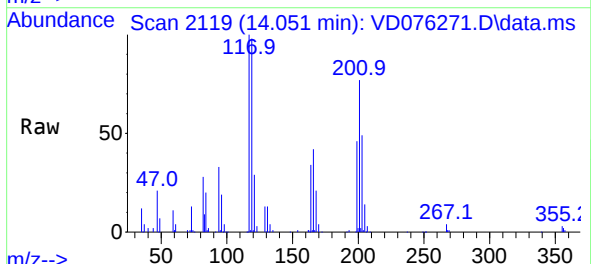
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

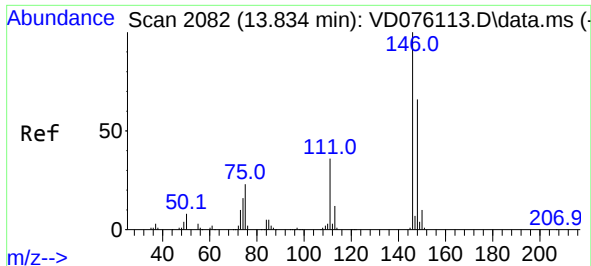
Tgt Ion: 91 Resp: 454907
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 27.7 12.7 38.0



#90
Hexachloroethane
Concen: 48.224 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion: 117 Resp: 94148
Ion Ratio Lower Upper
117 100
201 74.8 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 50.671 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076271.D

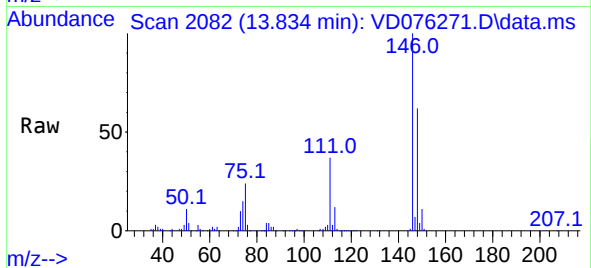
Acq: 30 May 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



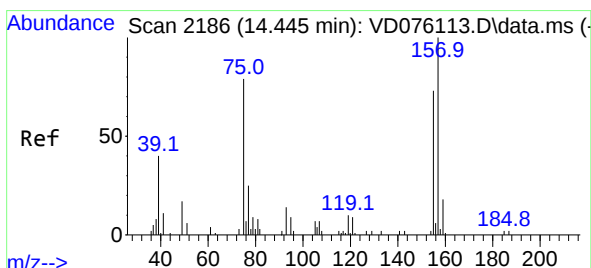
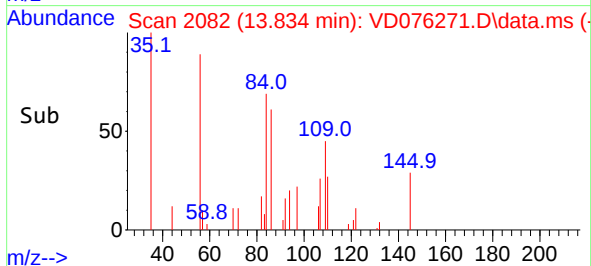
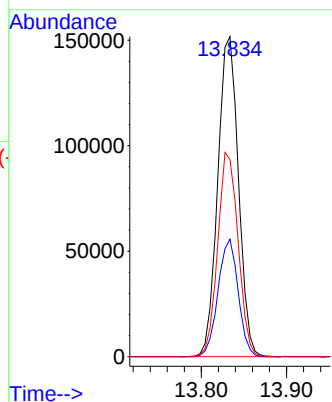
Tgt Ion:146 Resp: 256009

Ion Ratio Lower Upper

146 100

111 35.8 20.6 61.8

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.715 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076271.D

Acq: 30 May 2023 12:59

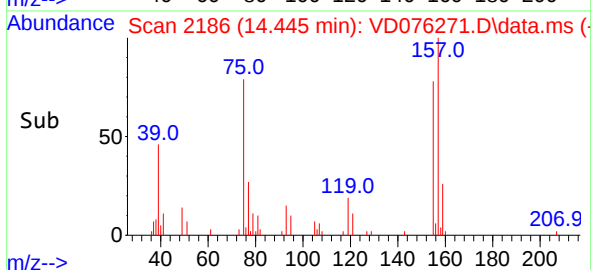
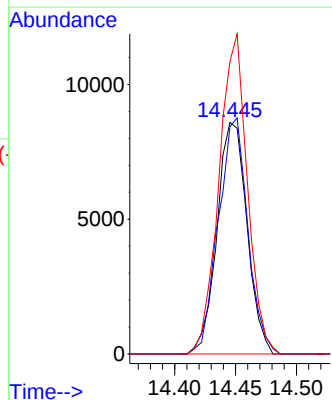
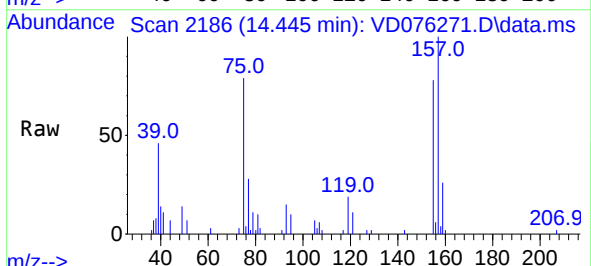
Tgt Ion: 75 Resp: 14739

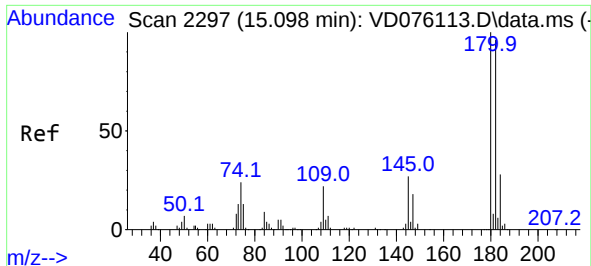
Ion Ratio Lower Upper

75 100

155 100.3 39.5 118.5

157 130.6 53.5 160.7

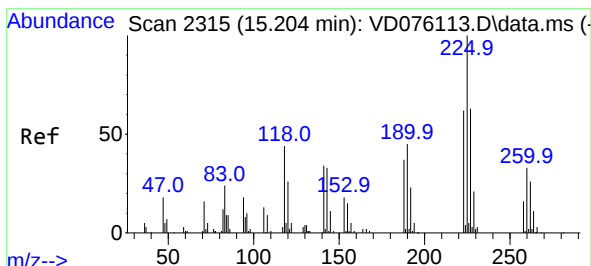
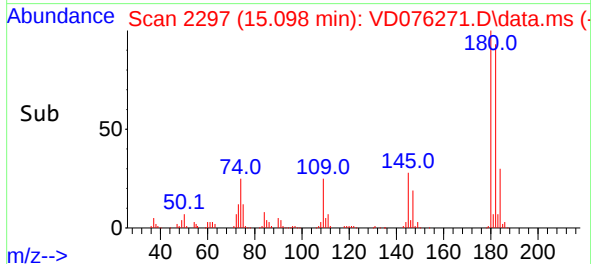
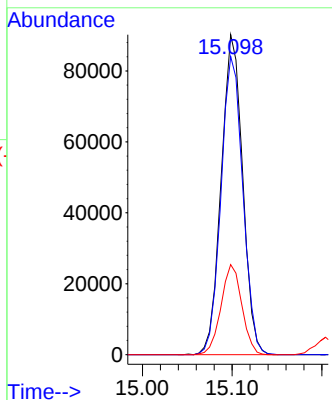
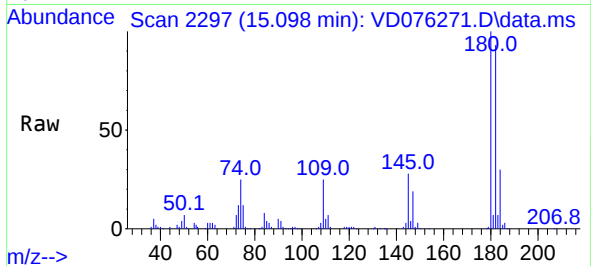




#93
1,2,4-Trichlorobenzene
Concen: 50.801 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

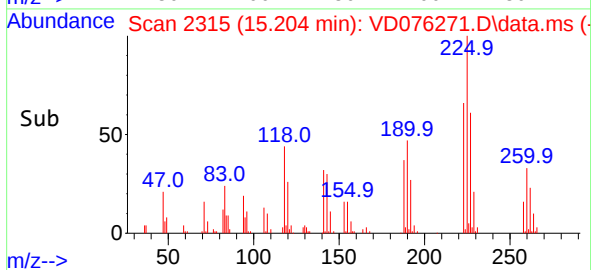
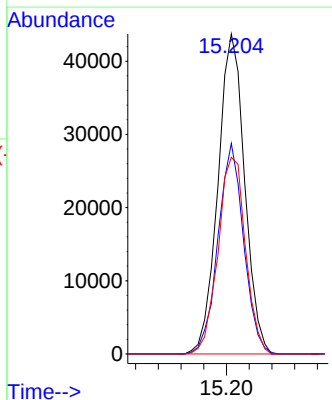
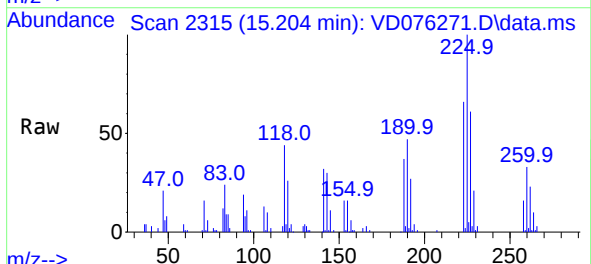
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

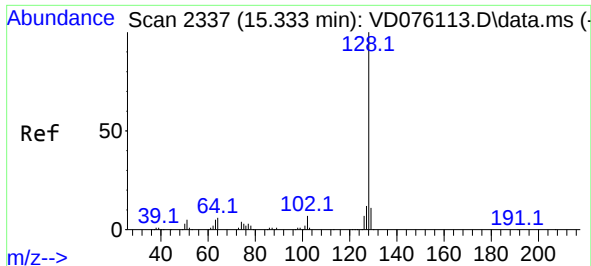
Tgt Ion:180 Resp: 149296
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.7
145 27.4 15.9 47.7



#94
Hexachlorobutadiene
Concen: 47.643 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:225 Resp: 71389
Ion Ratio Lower Upper
225 100
223 63.2 33.1 99.2
227 63.1 31.9 95.9

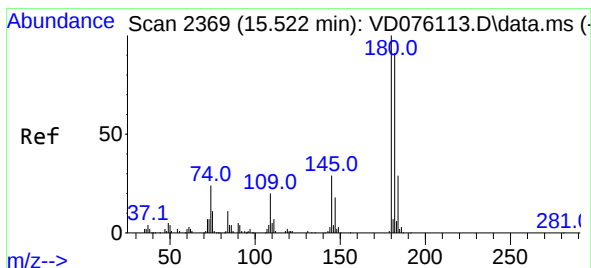
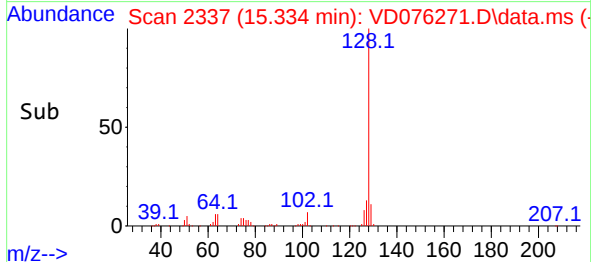
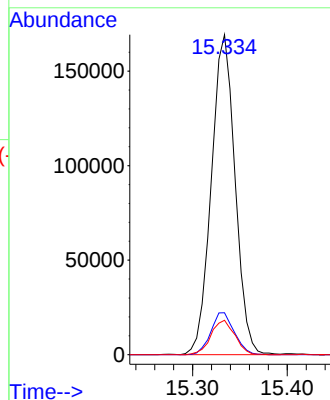
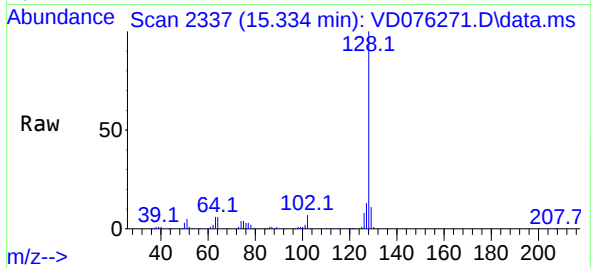




#95
Naphthalene
Concen: 54.121 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 295534
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.386 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076271.D
Acq: 30 May 2023 12:59

Tgt Ion:180 Resp: 137343
Ion Ratio Lower Upper
180 100
182 92.4 47.7 143.1
145 28.8 16.4 49.4

