

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076411.D
 Acq On : 14 Jun 2023 11:05
 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: Jun 15 05:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	214460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	365167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	158123	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112980	45.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.220%
35) Dibromofluoromethane	7.804	113	114364	48.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.920%
50) Toluene-d8	10.269	98	426986	47.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.575	95	142386	46.406	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82066	42.844	ug/l	99
3) Chloromethane	2.146	50	171038	47.157	ug/l	99
4) Vinyl Chloride	2.281	62	177911	51.263	ug/l	97
5) Bromomethane	2.687	94	101880	56.022	ug/l	98
6) Chloroethane	2.834	64	113823	54.462	ug/l	100
7) Trichlorofluoromethane	3.169	101	161447	46.228	ug/l	99
8) Diethyl Ether	3.587	74	59623	47.521	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.957	101	97501	46.433	ug/l	98
10) Methyl Iodide	4.152	142	122869	45.503	ug/l	93
11) Tert butyl alcohol	5.052	59	43929	212.141	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	99469	46.448	ug/l #	78
13) Acrolein	3.787	56	63733	268.320	ug/l	95
14) Allyl chloride	4.552	41	195818	46.755	ug/l #	85
15) Acrylonitrile	5.246	53	151075	236.652	ug/l	98
16) Acetone	4.022	43	153427	281.752	ug/l #	79
17) Carbon Disulfide	4.263	76	287129	46.665	ug/l	96
18) Methyl Acetate	4.552	43	117947	47.508	ug/l #	84
19) Methyl tert-butyl Ether	5.310	73	282277	47.505	ug/l	98
20) Methylene Chloride	4.793	84	126509	43.567	ug/l #	73
21) trans-1,2-Dichloroethene	5.304	96	112758	45.309	ug/l #	77
22) Diisopropyl ether	6.210	45	402702	47.233	ug/l #	89
23) Vinyl Acetate	6.151	43	1045841	285.614	ug/l #	86
24) 1,1-Dichloroethane	6.110	63	222905	47.036	ug/l	96
25) 2-Butanone	7.075	43	212666	249.700	ug/l #	77
26) 2,2-Dichloropropane	7.069	77	192250	45.056	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	141206	47.664	ug/l	85
28) Bromochloromethane	7.416	49	65657	50.117	ug/l #	70
29) Tetrahydrofuran	7.440	42	132311	243.502	ug/l #	74
30) Chloroform	7.593	83	220525	46.690	ug/l	95
31) Cyclohexane	7.869	56	172519	43.528	ug/l	85
32) 1,1,1-Trichloroethane	7.787	97	183145	45.403	ug/l	97
36) 1,1-Dichloropropene	8.004	75	159820	46.394	ug/l	95
37) Ethyl Acetate	7.169	43	92138	50.851	ug/l #	89
38) Carbon Tetrachloride	7.987	117	146956	45.948	ug/l	98
39) Methylcyclohexane	9.269	83	186798	47.094	ug/l #	86
40) Benzene	8.245	78	476236	47.554	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	51684	44.589	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	137298	46.039	ug/l	93
43) Isopropyl Acetate	8.357	43	181472	47.770	ug/l #	83
44) Trichloroethene	9.028	130	128267	47.247	ug/l	96
45) 1,2-Dichloropropane	9.304	63	130304	48.955	ug/l	99
46) Dibromomethane	9.392	93	69533	47.336	ug/l	96
47) Bromodichloromethane	9.581	83	170479	46.850	ug/l	97
48) Methyl methacrylate	9.381	41	85199	46.793	ug/l #	70
49) 1,4-Dioxane	9.387	88	16223	930.841	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	453491	240.345	ug/l #	84
52) Toluene	10.334	92	297943	47.061	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	174714	46.944	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	201536	47.088	ug/l #	80
55) 1,1,2-Trichloroethane	10.734	97	93251	47.528	ug/l	94
56) Ethyl methacrylate	10.598	69	130173	47.774	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	163556	47.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	267640	241.142	ug/l	90
59) 2-Hexanone	10.922	43	330220	249.676	ug/l	81
60) Dibromochloromethane	11.075	129	114980	47.363	ug/l	95
61) 1,2-Dibromoethane	11.181	107	92904	48.806	ug/l	97
64) Tetrachloroethene	10.810	164	102862	45.667	ug/l	91
65) Chlorobenzene	11.610	112	322277	47.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	119047	46.815	ug/l	98
67) Ethyl Benzene	11.686	91	587290	46.886	ug/l	96
68) m/p-Xylenes	11.792	106	446842	94.282	ug/l	90
69) o-Xylene	12.122	106	219070	48.118	ug/l	93
70) Styrene	12.133	104	366668	47.205	ug/l	95
71) Bromoform	12.298	173	73705	49.693	ug/l #	94
73) Isopropylbenzene	12.422	105	546177	45.674	ug/l	97
74) N-amyl acetate	12.233	43	170575	46.774	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	111413	47.180	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	141904	95.994	ug/l #	100
77) Bromobenzene	12.704	156	132008	46.788	ug/l	88
78) n-propylbenzene	12.763	91	663899	45.547	ug/l	97
79) 2-Chlorotoluene	12.851	91	368335	44.656	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	450951	45.180	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	38996	47.231	ug/l	92
82) 4-Chlorotoluene	12.951	91	384662	44.533	ug/l	93
83) tert-Butylbenzene	13.169	119	379626	44.321	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	448565	45.486	ug/l	96
85) sec-Butylbenzene	13.345	105	580610	46.055	ug/l	96
86) p-Isopropyltoluene	13.463	119	478613	45.086	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	257169	47.098	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	253636	47.002	ug/l	98
89) n-Butylbenzene	13.786	91	467671	45.853	ug/l	98
90) Hexachloroethane	14.057	117	92997	47.472	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	226782	47.224	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	17501	45.115	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	150940	46.962	ug/l	97
94) Hexachlorobutadiene	15.210	225	71671	44.324	ug/l	99
95) Naphthalene	15.333	128	304315	47.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	132083	47.582	ug/l	99

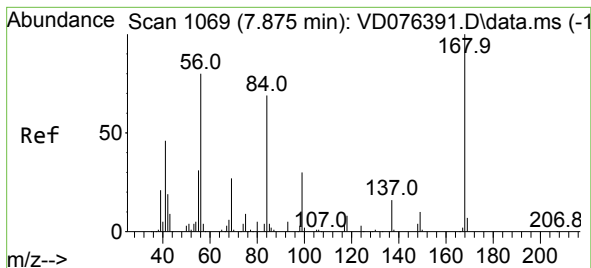
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QLast Update : Tue Jun 13 02:01:34 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

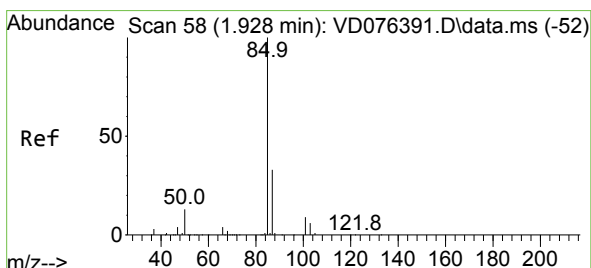
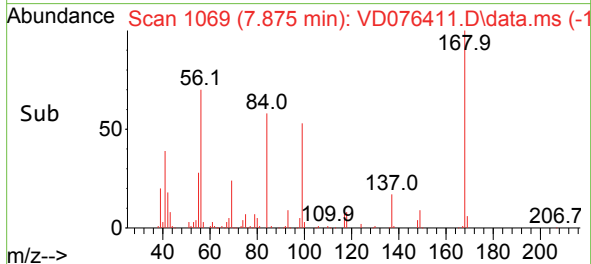
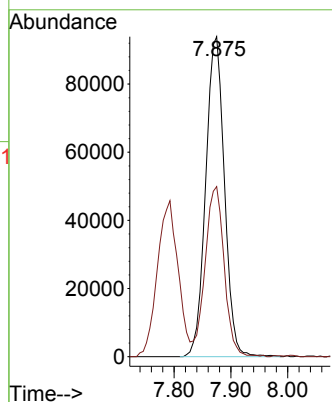
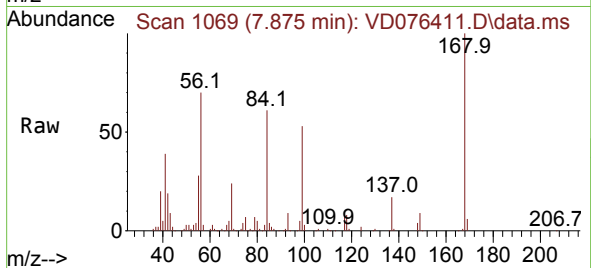
VSTDCCC050

Tgt Ion:168 Resp: 214460

Ion Ratio Lower Upper

168 100

99 52.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 42.844 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076411.D

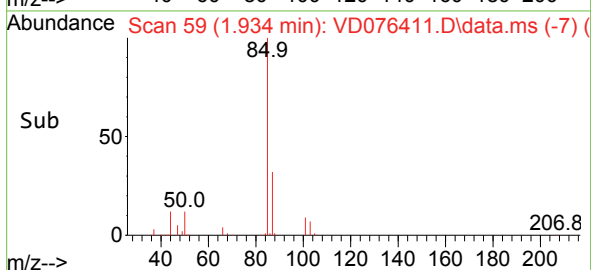
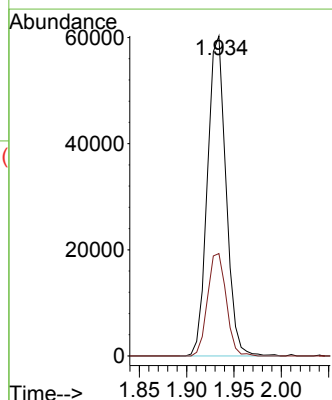
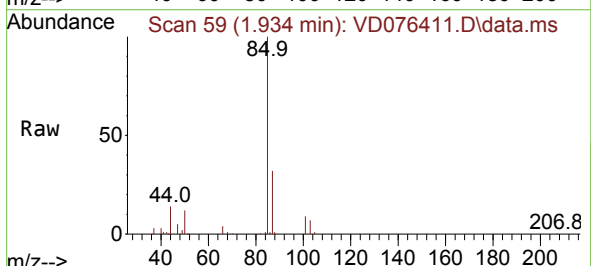
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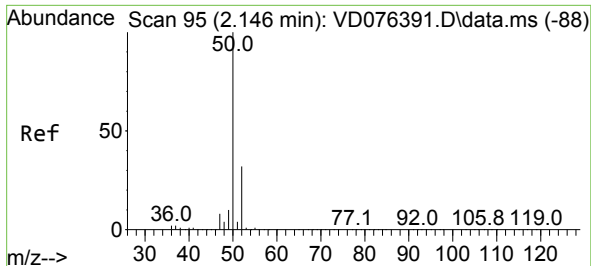
Tgt Ion: 85 Resp: 82066

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

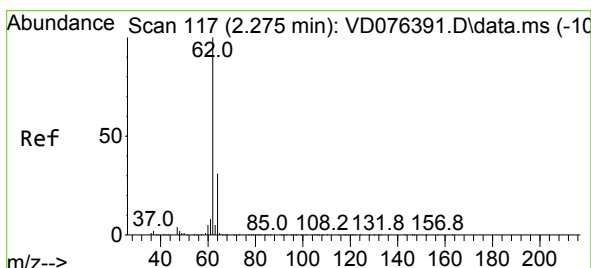
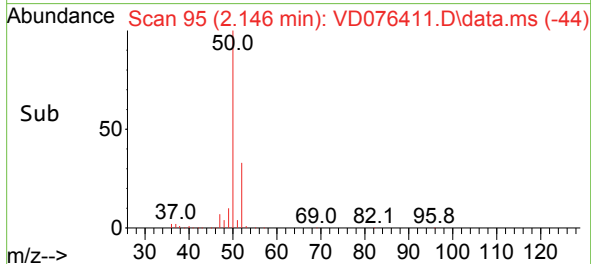
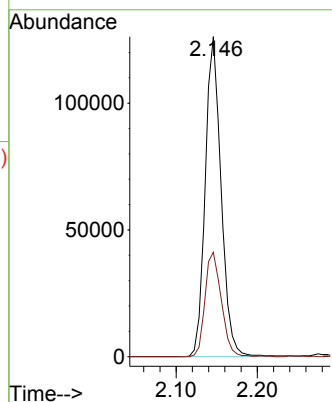
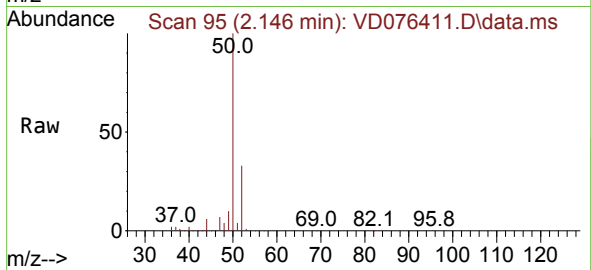




#3
Chloromethane
Concen: 47.157 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

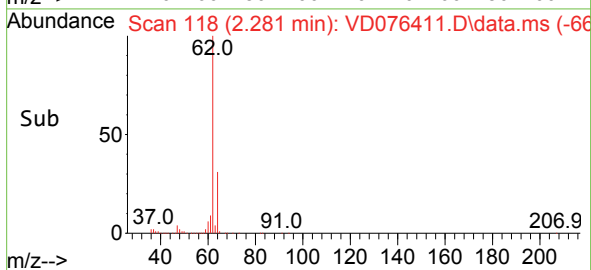
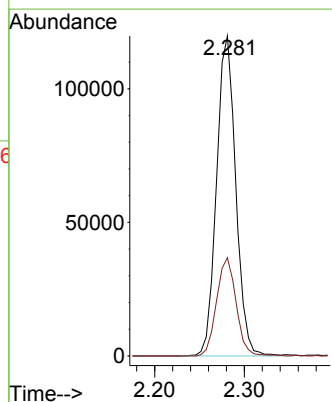
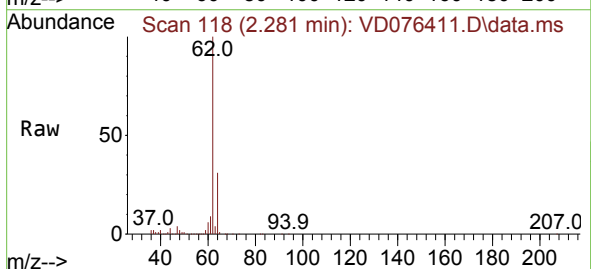
Instrument :
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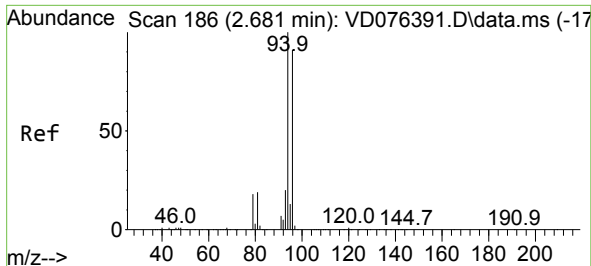
Tgt Ion: 50 Resp: 171038
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 51.263 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 62 Resp: 177911
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0

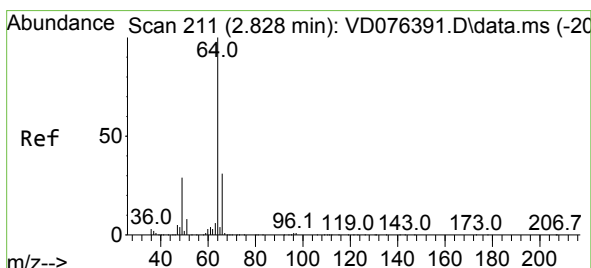
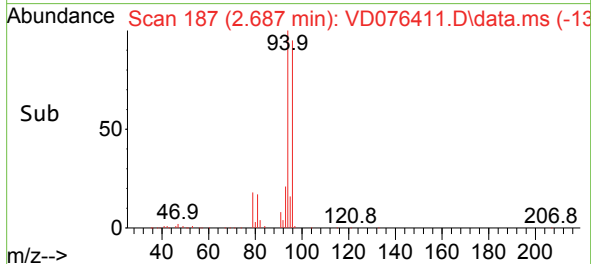
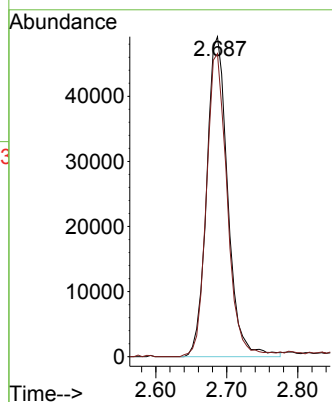
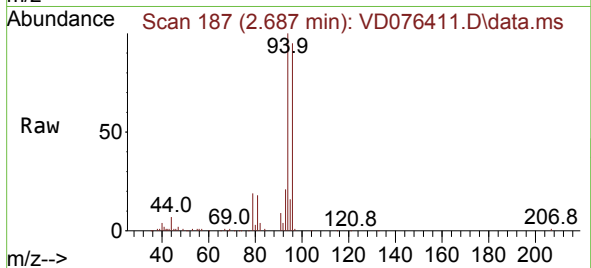




#5
Bromomethane
Concen: 56.022 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

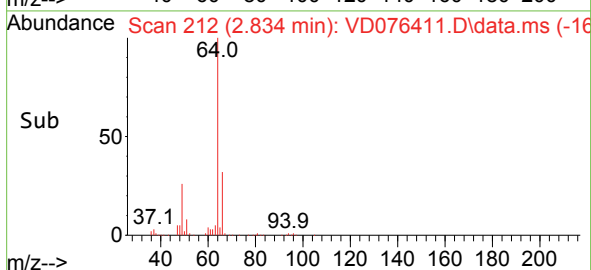
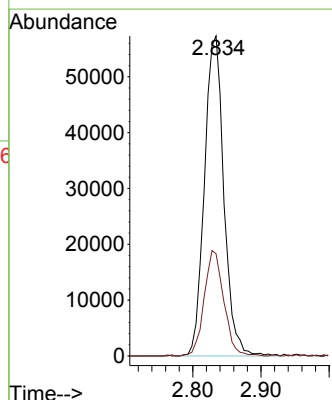
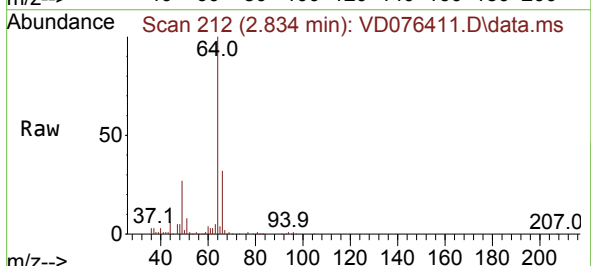
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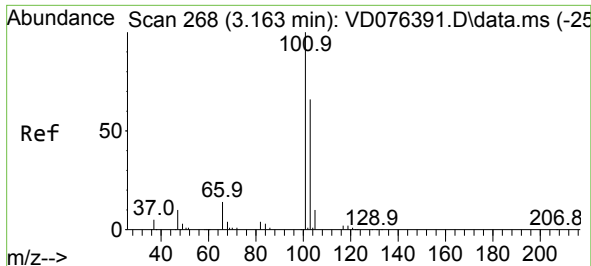
Tgt Ion: 94 Resp: 101880
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8



#6
Chloroethane
Concen: 54.462 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 64 Resp: 113823
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3

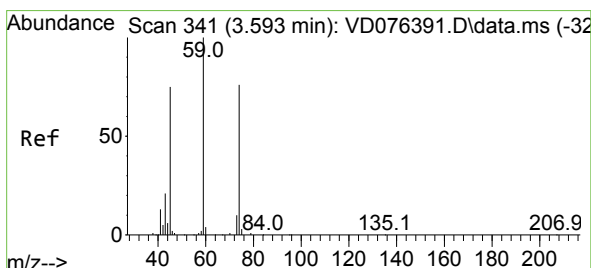
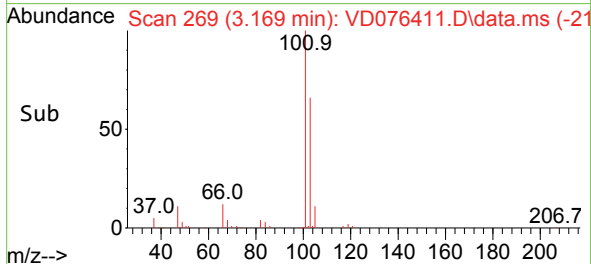
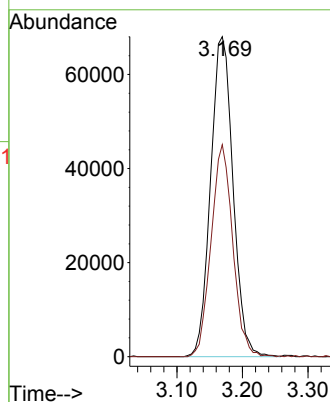
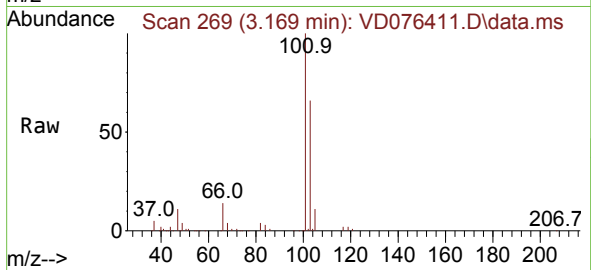




#7
Trichlorofluoromethane
Concen: 46.228 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

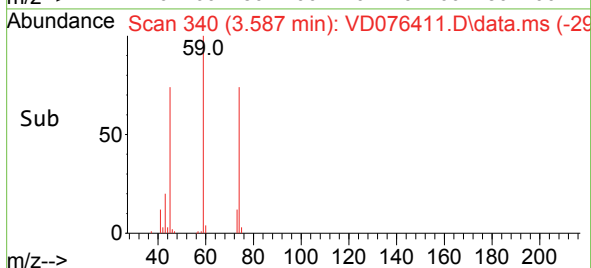
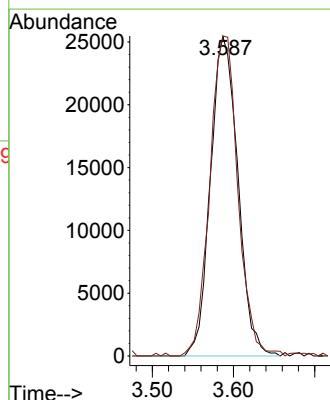
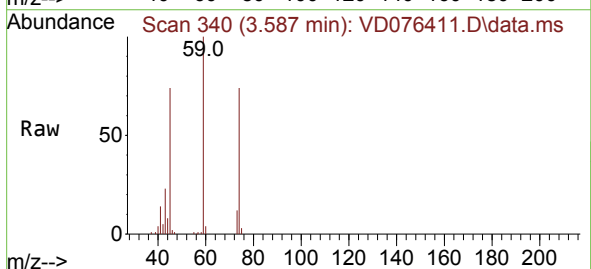
Instrument :
MSVOA_D
ClientSampleId :
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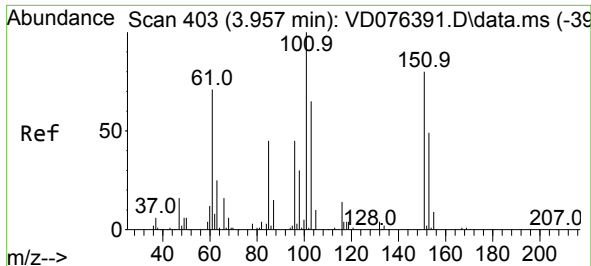
Tgt Ion:101 Resp: 161447
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5



#8
Diethyl Ether
Concen: 47.521 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 74 Resp: 59623
Ion Ratio Lower Upper
74 100
45 102.7 37.5 112.7

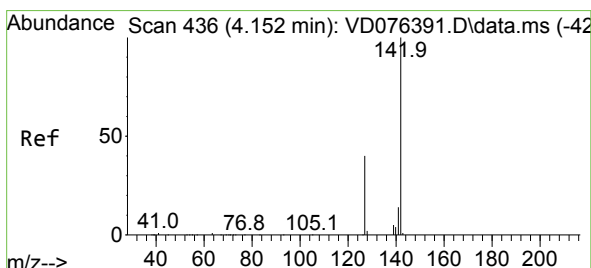
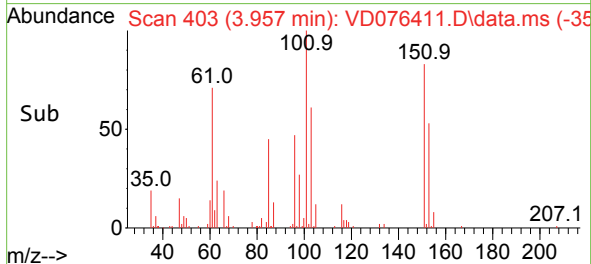
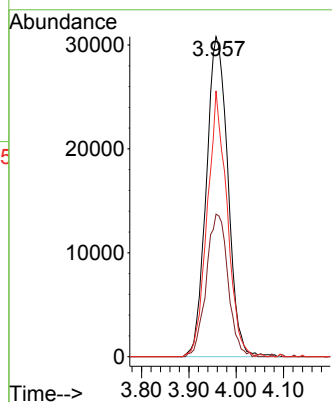
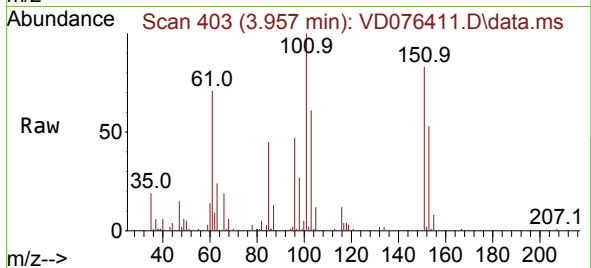




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.433 ug/l
RT: 3.957 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076411.D
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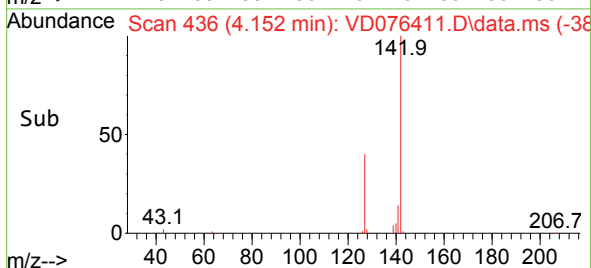
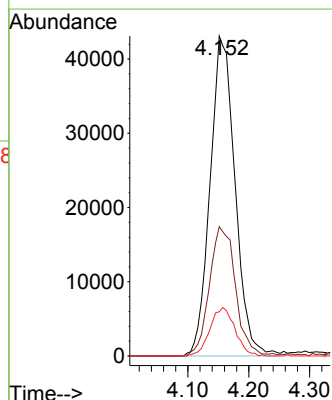
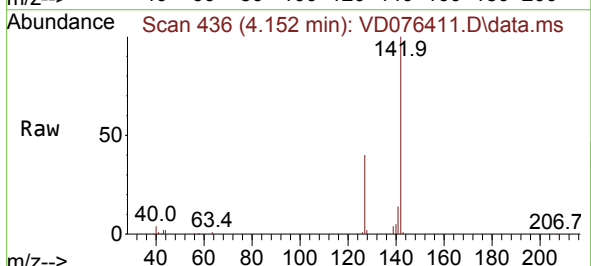
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

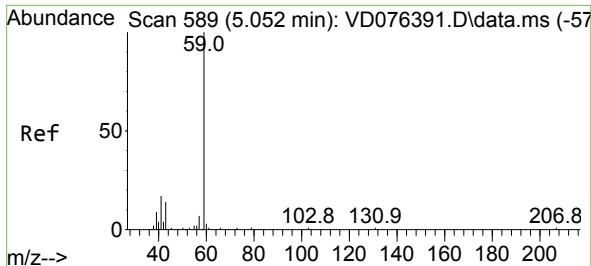
Tgt Ion:101 Resp: 97501
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 76.0 59.8 89.6



#10
Methyl Iodide
Concen: 45.503 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:142 Resp: 122869
Ion Ratio Lower Upper
142 100
127 41.9 29.4 44.0
141 15.2 11.1 16.7

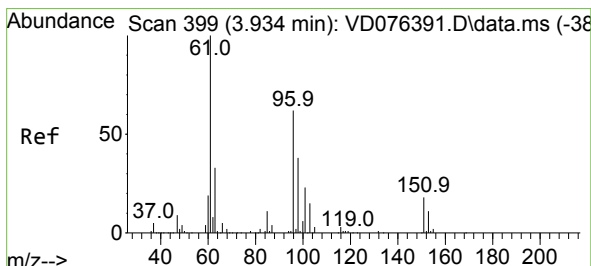
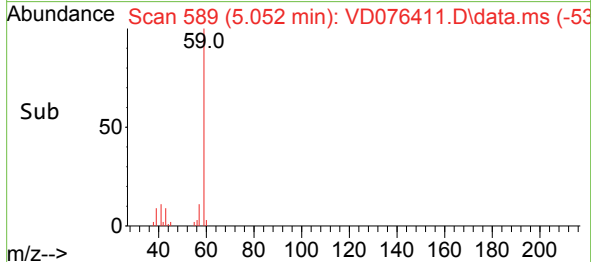
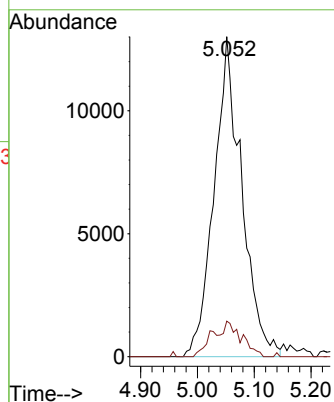
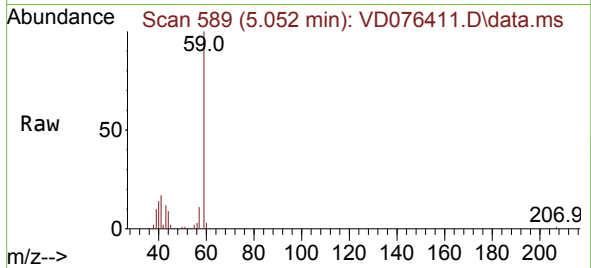




#11
Tert butyl alcohol
Concen: 212.141 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

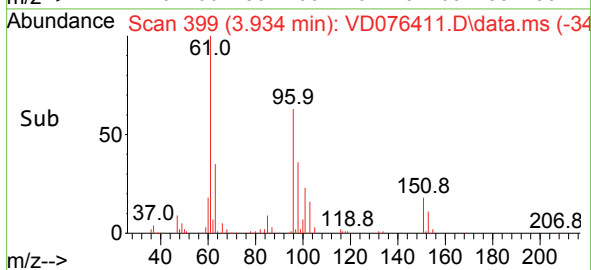
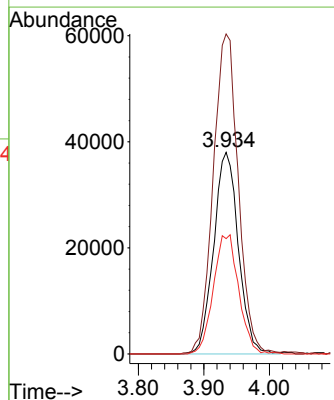
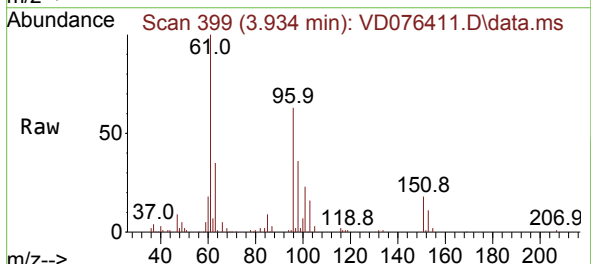
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

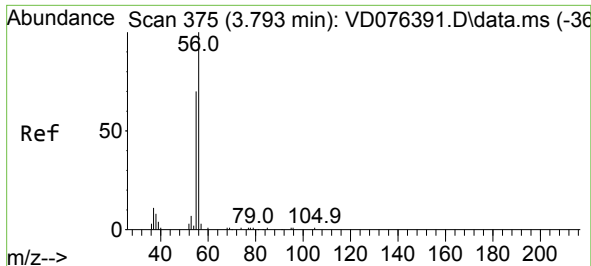
Tgt Ion: 59 Resp: 43929
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 46.448 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 96 Resp: 99469
Ion Ratio Lower Upper
96 100
61 158.7 100.6 150.8#
98 57.2 50.2 75.2

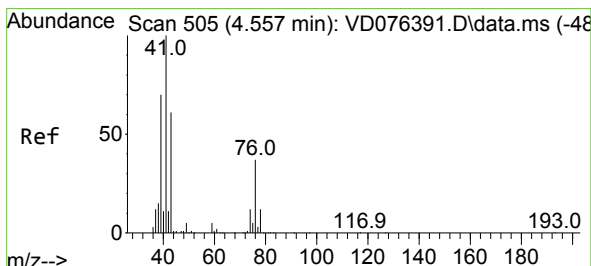
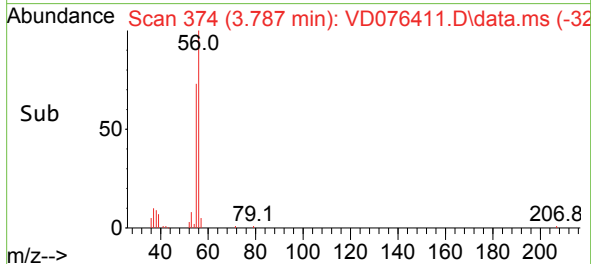
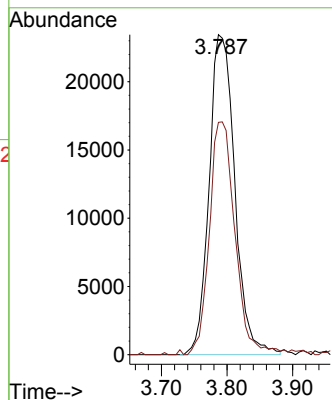
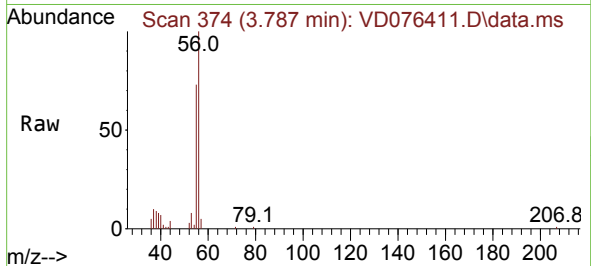




#13
Acrolein
Concen: 268.320 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

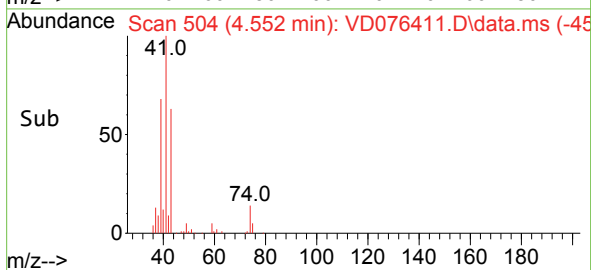
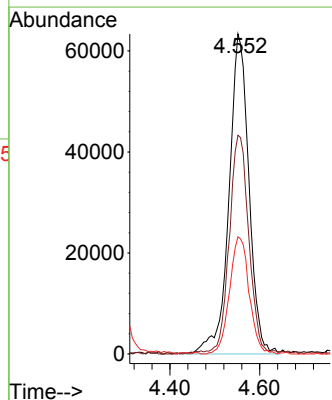
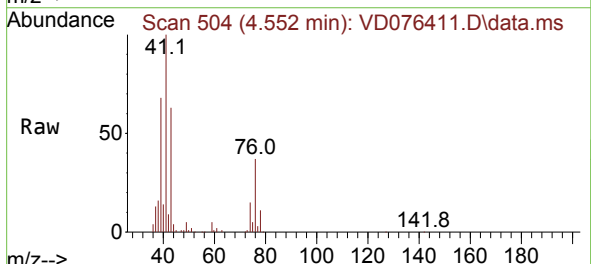
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

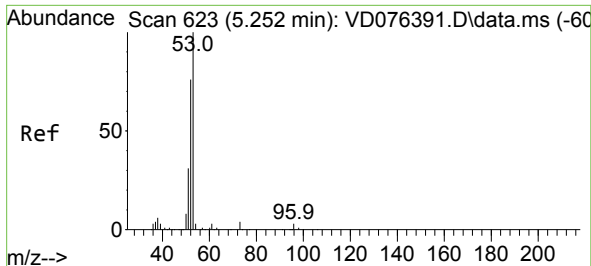
Tgt Ion: 56 Resp: 63733
Ion Ratio Lower Upper
56 100
55 72.7 55.1 82.7



#14
Allyl chloride
Concen: 46.755 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 41 Resp: 195818
Ion Ratio Lower Upper
41 100
39 64.9 53.8 80.6
76 36.0 45.8 68.8#

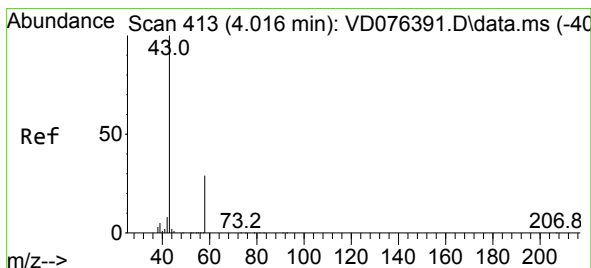
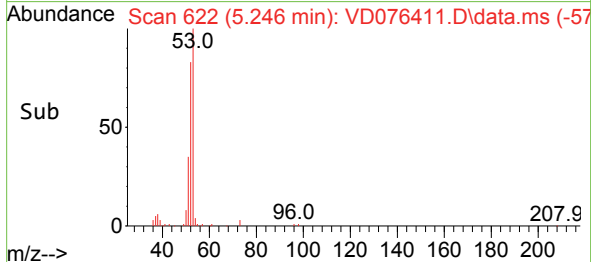
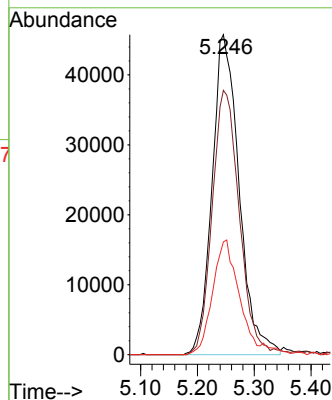
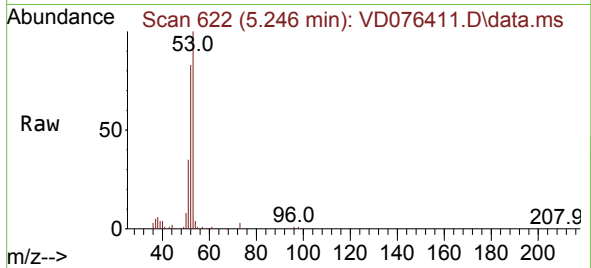




#15
Acrylonitrile
Concen: 236.652 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

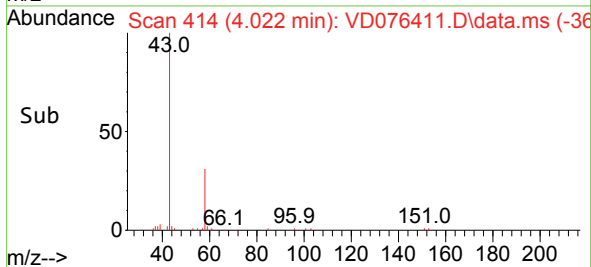
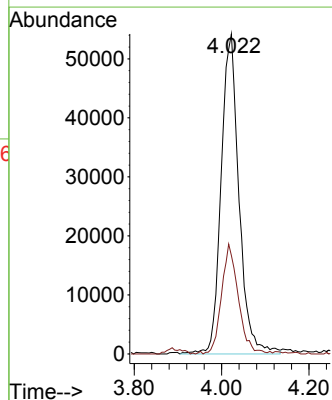
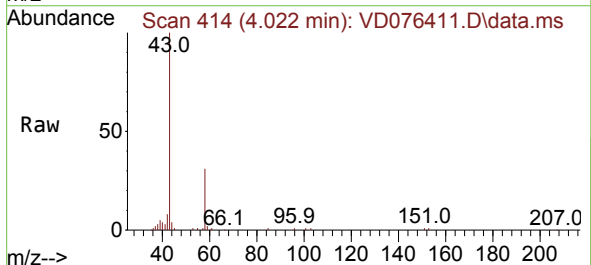
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

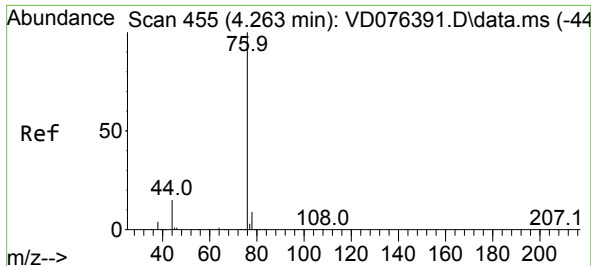
Tgt Ion: 53 Resp: 151075
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 34.7 28.3 42.5



#16
Acetone
Concen: 281.752 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 43 Resp: 153427
Ion Ratio Lower Upper
43 100
58 30.2 34.7 52.1#

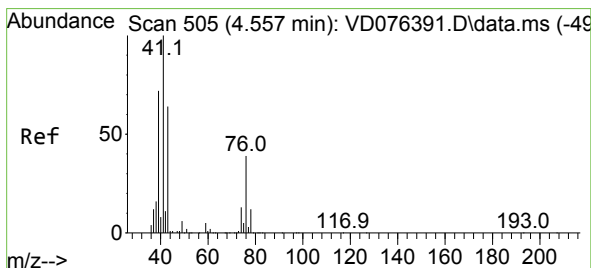
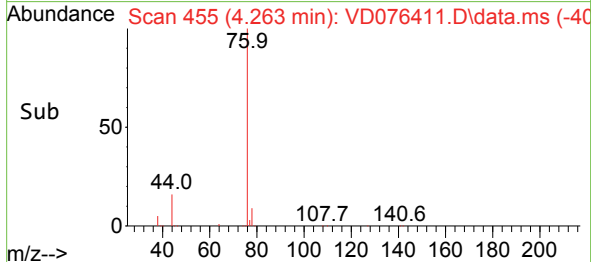
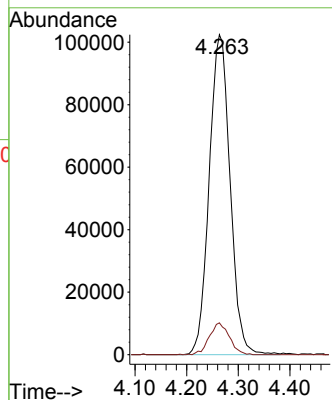
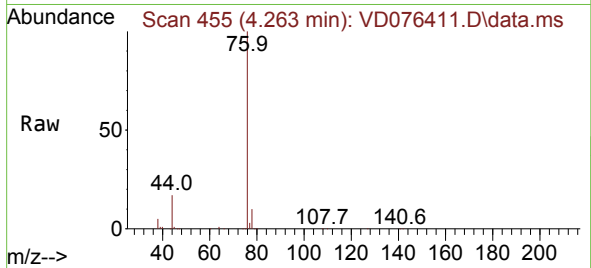




#17
Carbon Disulfide
Concen: 46.665 ug/l
RT: 4.263 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

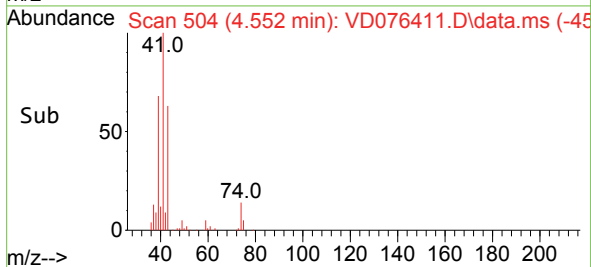
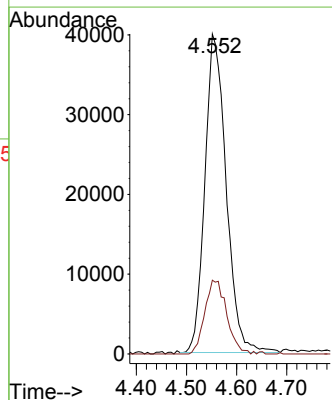
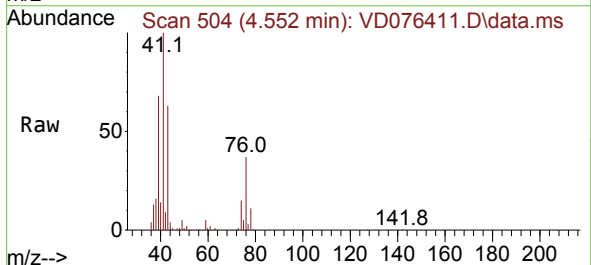
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

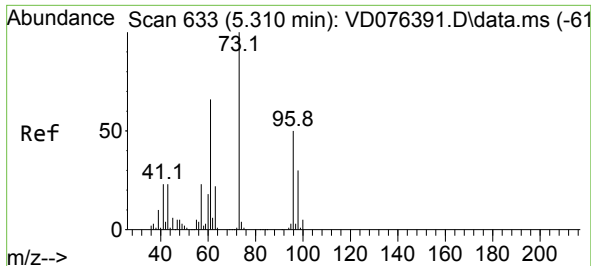
Tgt Ion: 76 Resp: 287129
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 47.508 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.005 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 43 Resp: 117947
Ion Ratio Lower Upper
43 100
74 23.7 26.4 39.6#

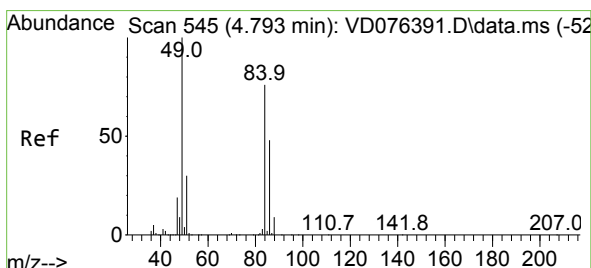
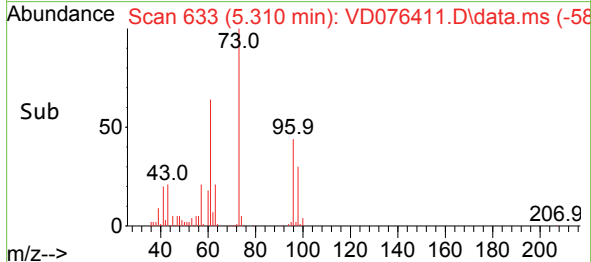
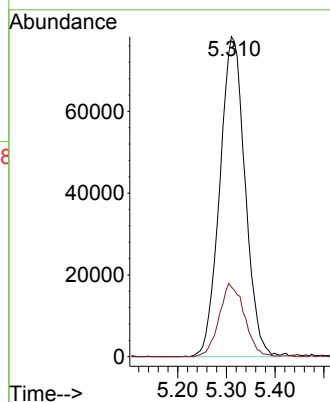
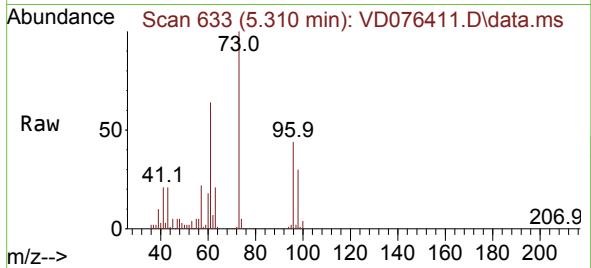




#19
Methyl tert-butyl Ether
Concen: 47.505 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

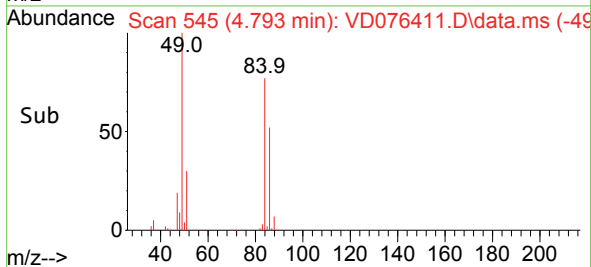
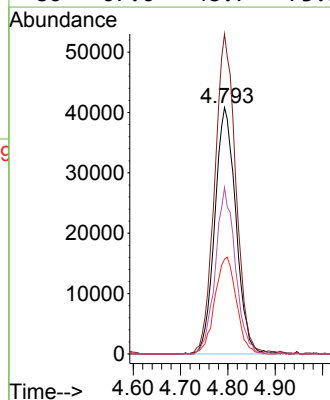
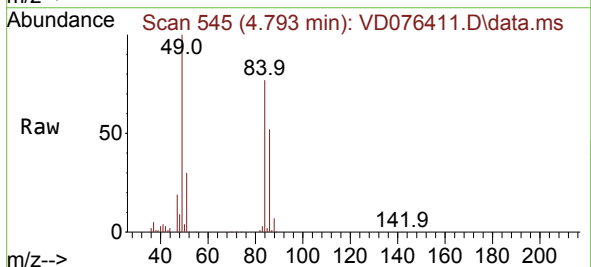
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

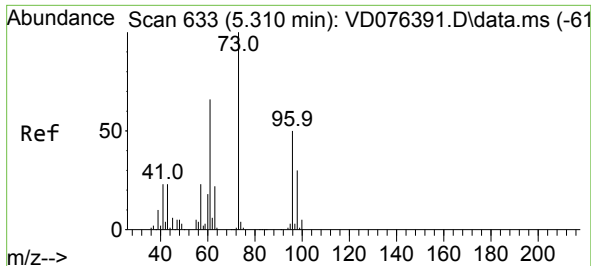
Tgt Ion: 73 Resp: 282277
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 43.567 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 84 Resp: 126509
Ion Ratio Lower Upper
84 100
49 129.9 71.4 107.2#
51 38.5 24.5 36.7#
86 67.6 48.7 73.1

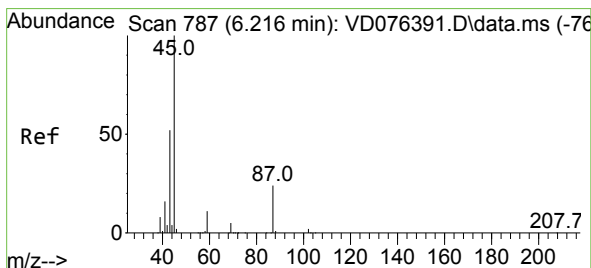
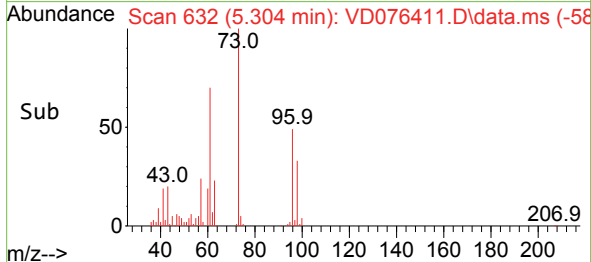
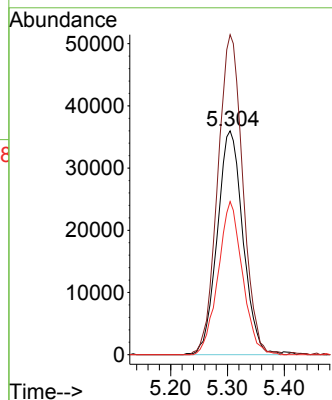
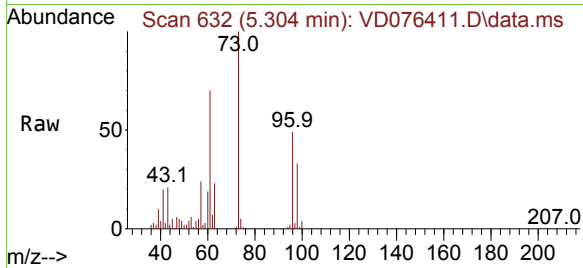




#21
trans-1,2-Dichloroethene
Concen: 45.309 ug/l
RT: 5.304 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

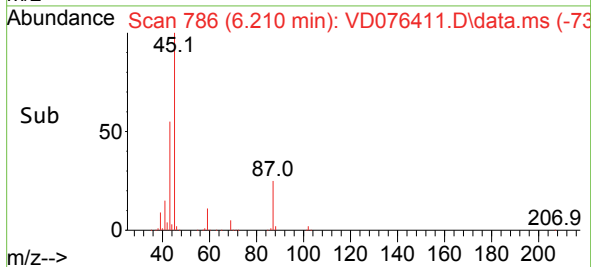
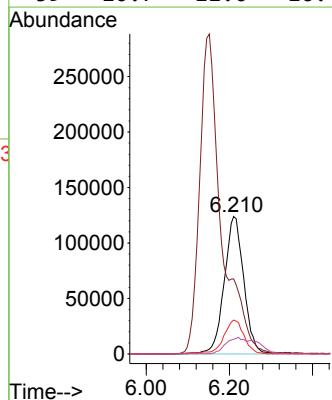
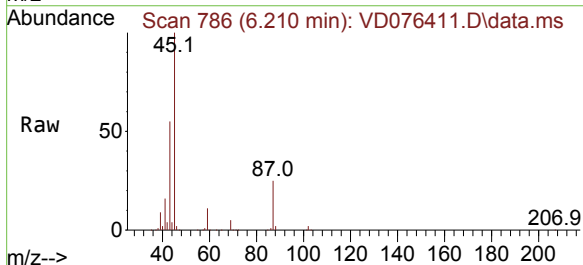
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

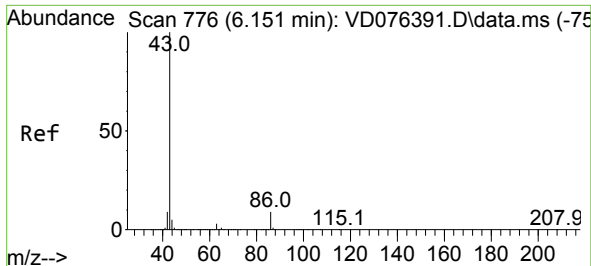
Tgt Ion: 96 Resp: 112758
Ion Ratio Lower Upper
96 100
61 142.9 89.3 133.9#
98 68.4 48.6 73.0



#22
Diisopropyl ether
Concen: 47.233 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 45 Resp: 402702
Ion Ratio Lower Upper
45 100
43 54.2 40.0 60.0
87 24.5 28.2 42.4#
59 10.7 11.0 16.4#

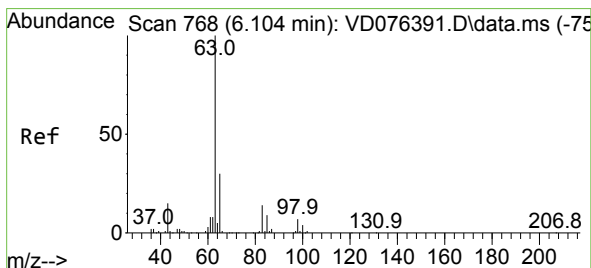
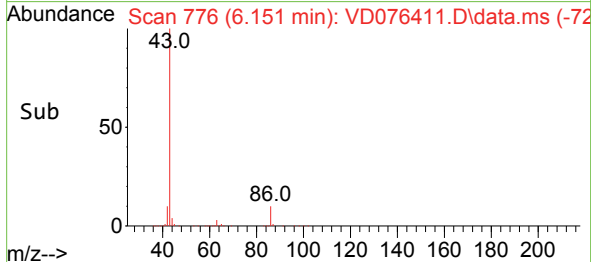
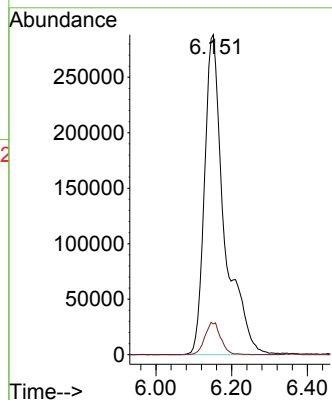
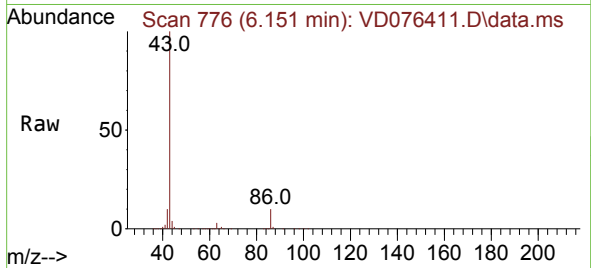




#23
 Vinyl Acetate
 Concen: 285.614 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

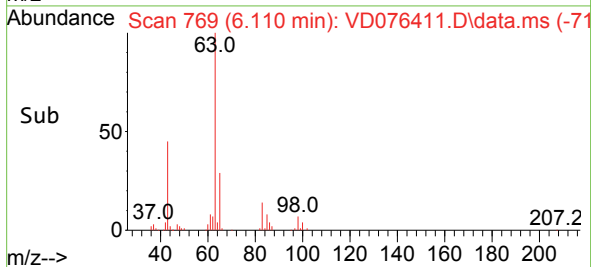
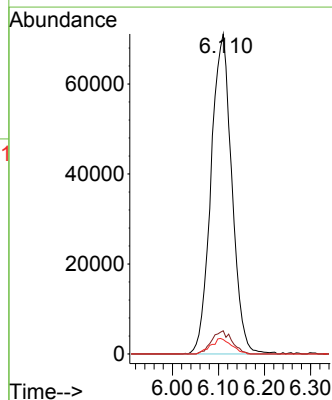
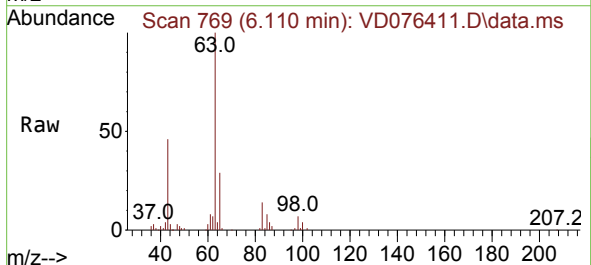
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

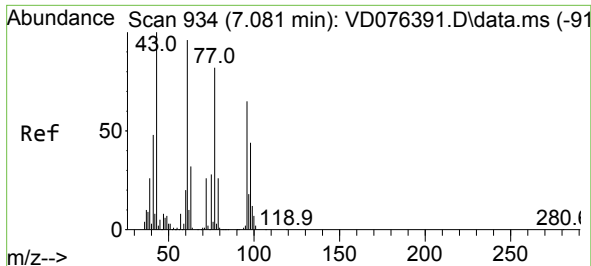
Tgt Ion: 43 Resp: 1045841
 Ion Ratio Lower Upper
 43 100
 86 9.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 47.036 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

Tgt Ion: 63 Resp: 222905
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 249.700 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

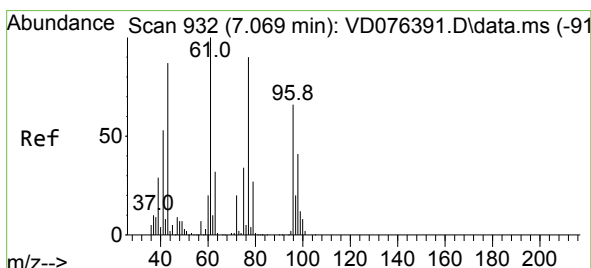
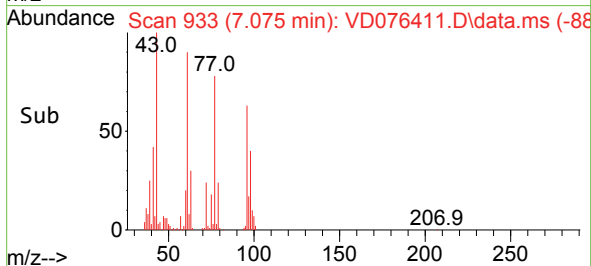
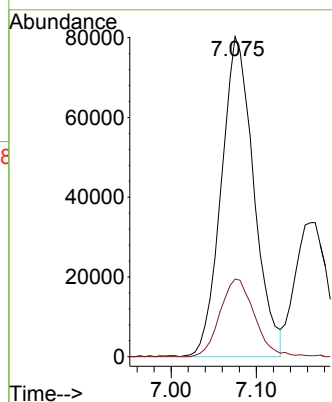
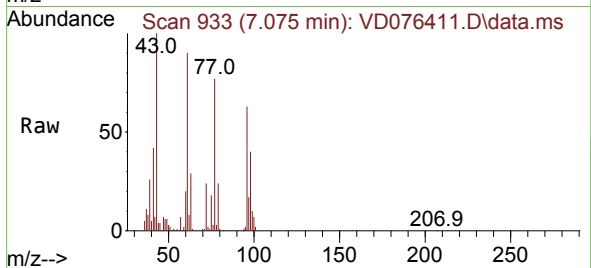
VSTDCCC050

Tgt Ion: 43 Resp: 212666

Ion Ratio Lower Upper

43 100

72 24.3 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 45.056 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.000 min

Lab File: VD076411.D

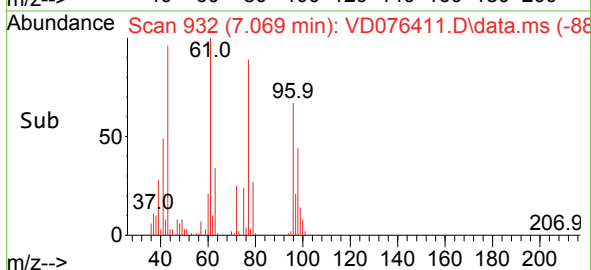
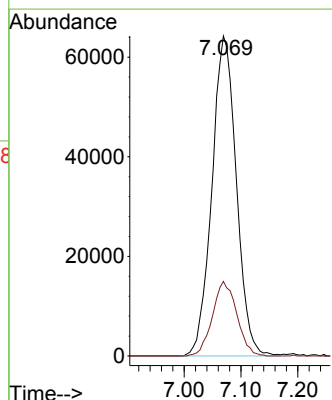
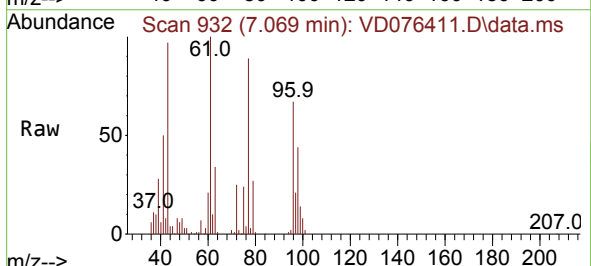
Acq: 14 Jun 2023 11:05

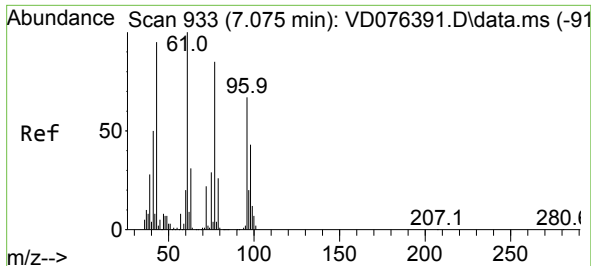
Tgt Ion: 77 Resp: 192250

Ion Ratio Lower Upper

77 100

97 23.2 13.2 39.6

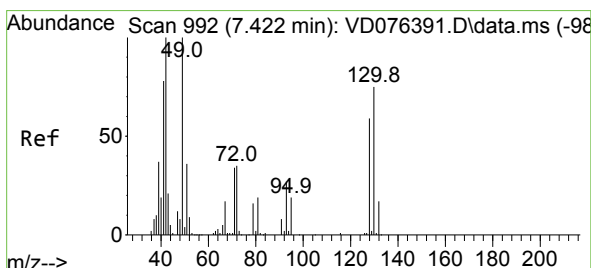
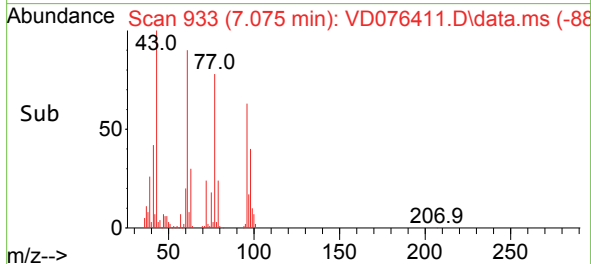
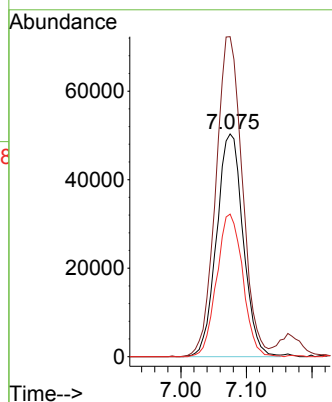
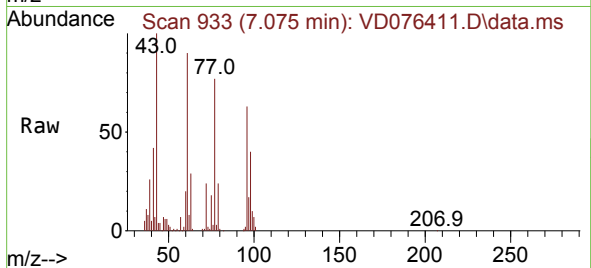




#27
cis-1,2-Dichloroethene
Concen: 47.664 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

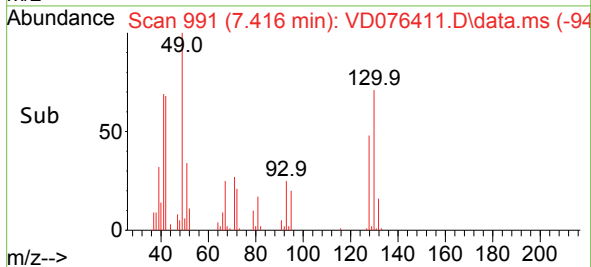
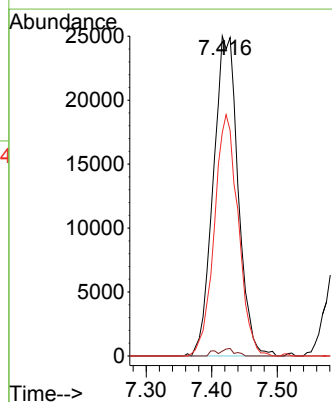
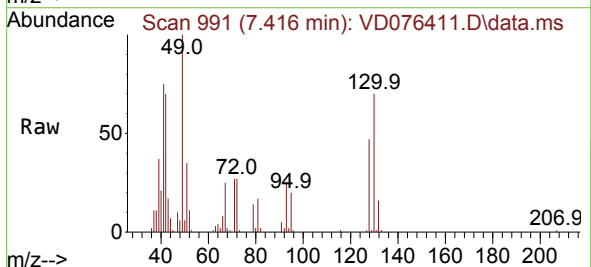
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

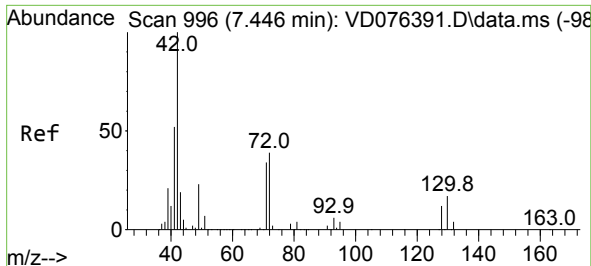
Tgt Ion: 96 Resp: 141206
Ion Ratio Lower Upper
96 100
61 143.8 0.0 239.2
98 62.9 0.0 128.6



#28
Bromochloromethane
Concen: 50.117 ug/l
RT: 7.416 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 49 Resp: 65657
Ion Ratio Lower Upper
49 100
129 1.2 0.0 6.0
130 72.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 243.502 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

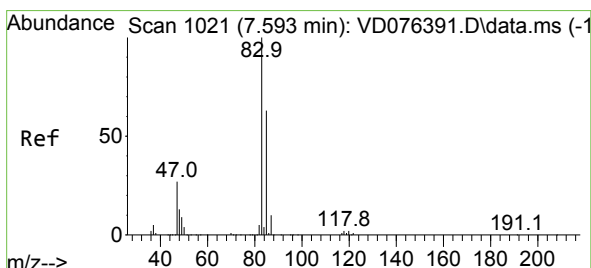
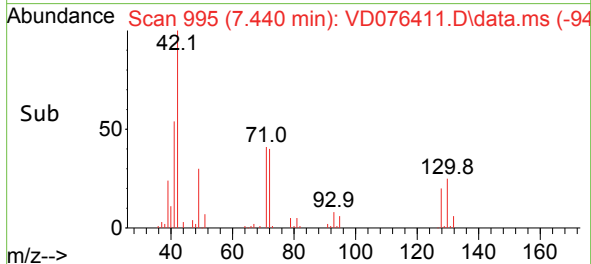
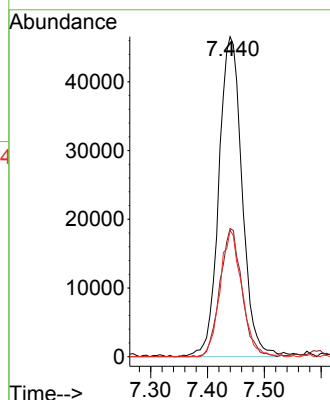
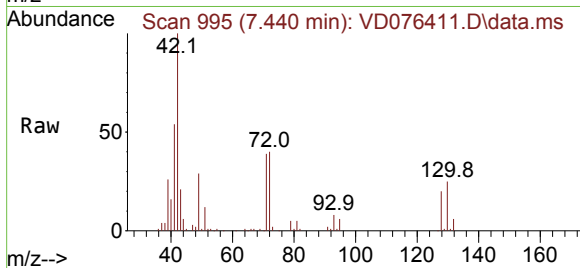
Tgt Ion: 42 Resp: 132311

Ion Ratio Lower Upper

42 100

72 37.9 46.5 69.7#

71 37.1 44.5 66.7#



#30

Chloroform

Concen: 46.690 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076411.D

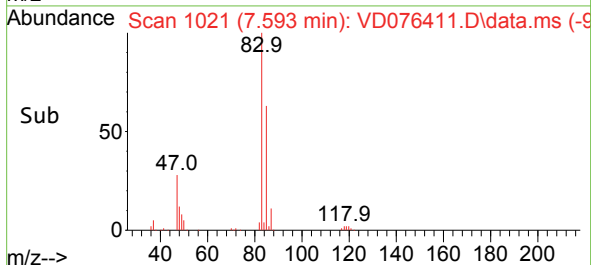
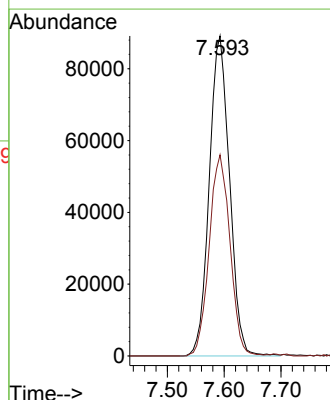
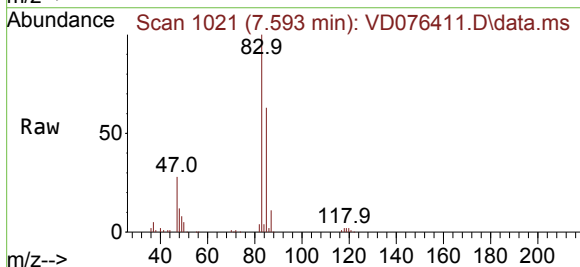
Acq: 14 Jun 2023 11:05

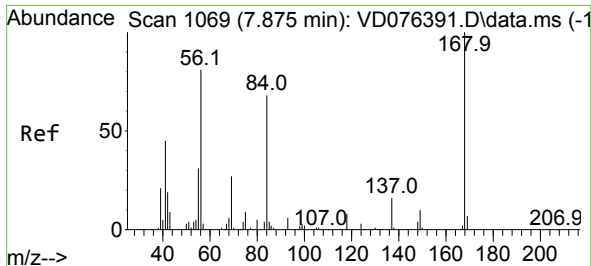
Tgt Ion: 83 Resp: 220525

Ion Ratio Lower Upper

83 100

85 62.9 53.4 80.2





#31

Cyclohexane

Concen: 43.528 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

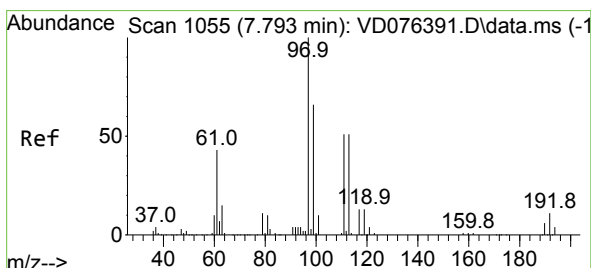
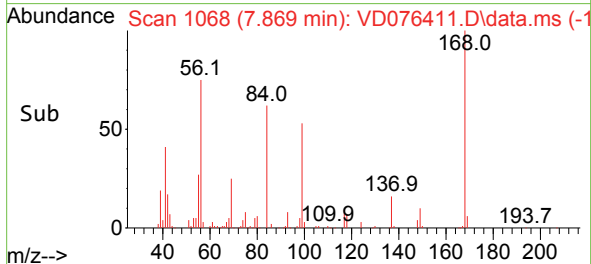
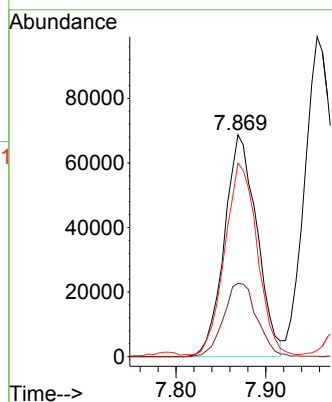
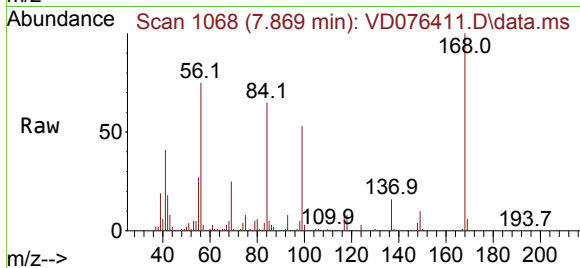
Tgt Ion: 56 Resp: 172519

Ion Ratio Lower Upper

56 100

69 33.1 28.6 43.0

84 86.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 45.403 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

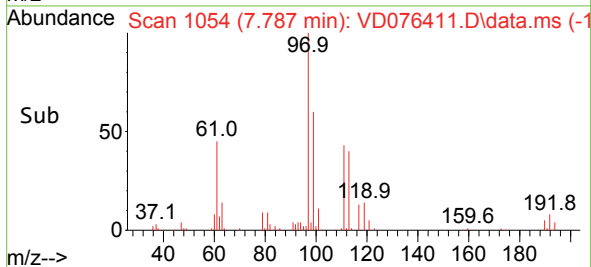
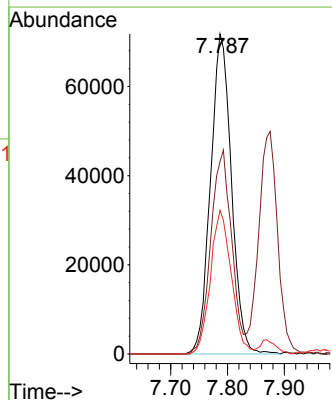
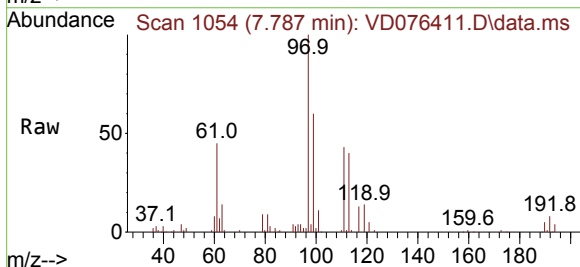
Tgt Ion: 97 Resp: 183145

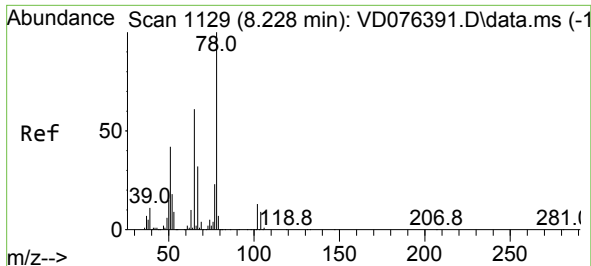
Ion Ratio Lower Upper

97 100

99 63.2 52.0 78.0

61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.610 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

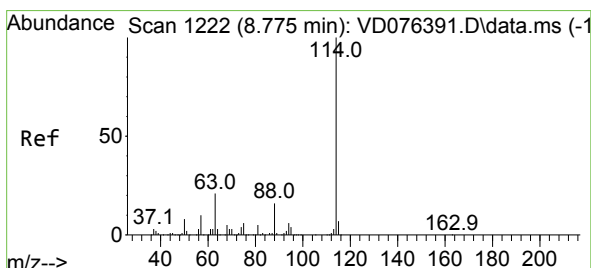
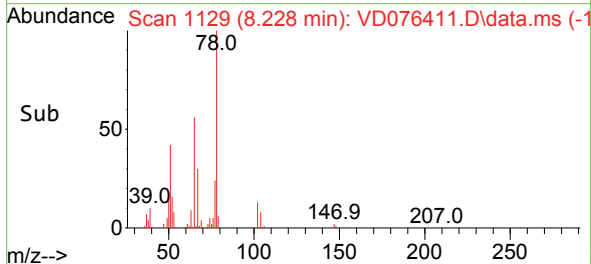
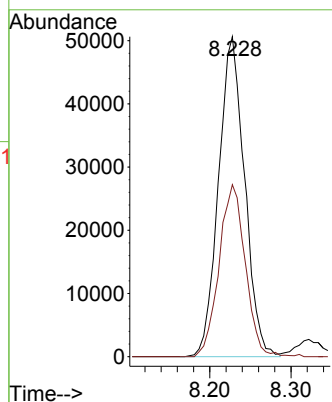
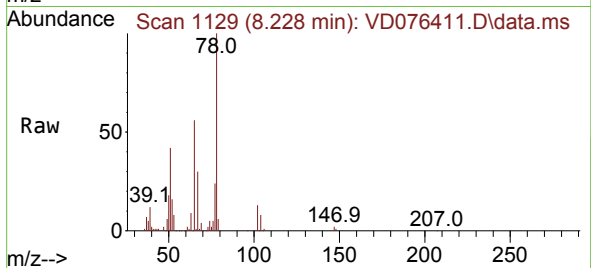
VSTDCCC050

Tgt Ion: 65 Resp: 112980

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

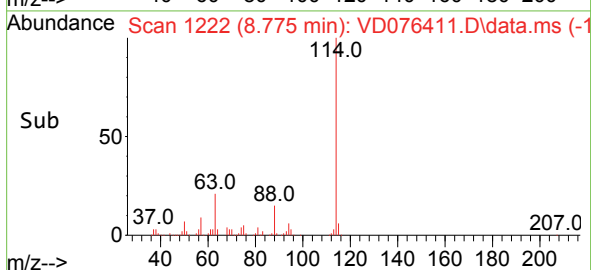
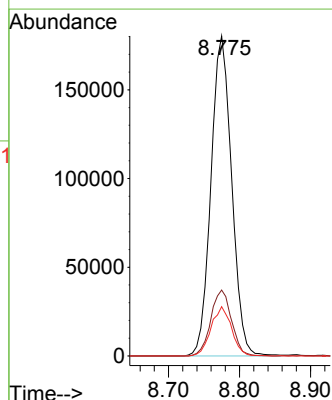
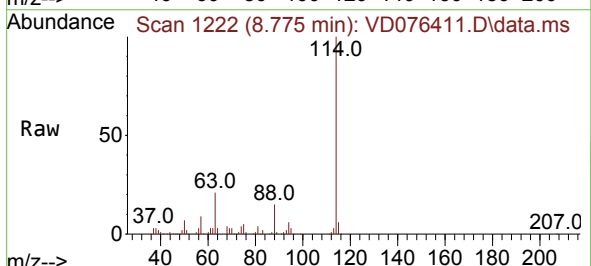
Tgt Ion: 114 Resp: 365167

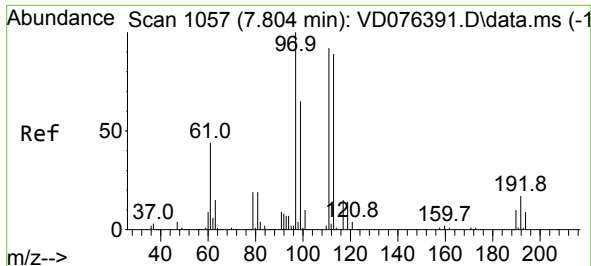
Ion Ratio Lower Upper

114 100

63 20.6 0.0 33.4

88 15.4 0.0 26.2

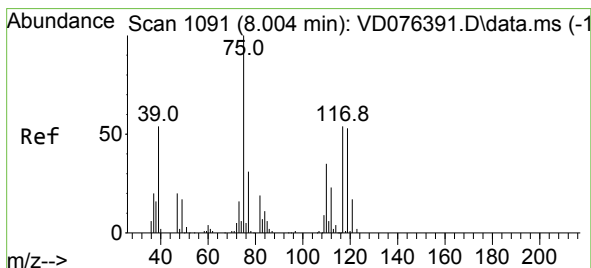
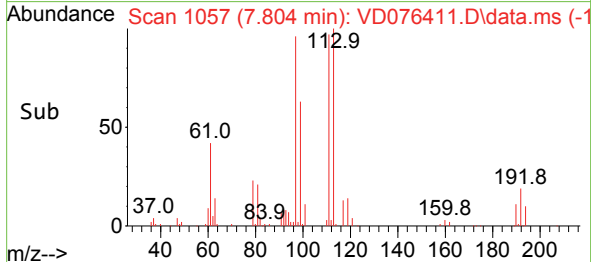
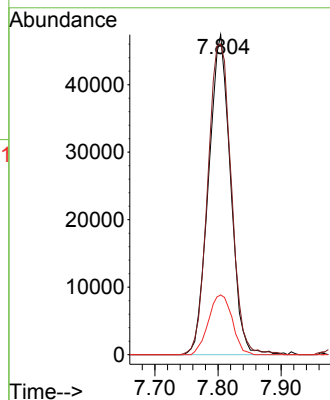
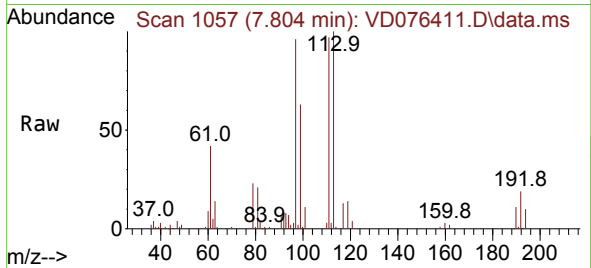




#35
Dibromofluoromethane
Concen: 48.457 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

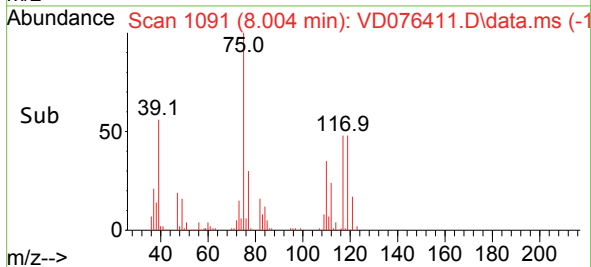
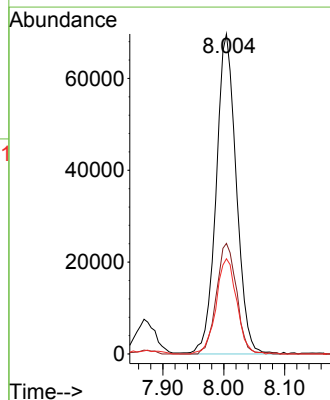
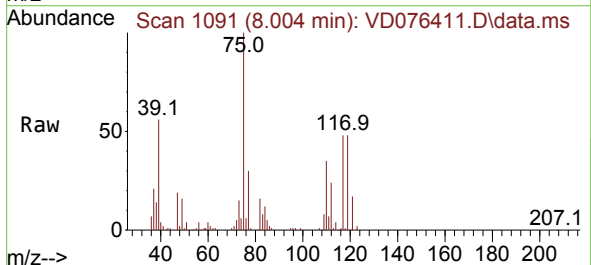
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

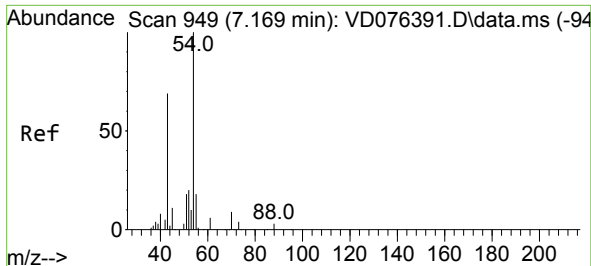
Tgt Ion:113 Resp: 114364
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 46.394 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 75 Resp: 159820
Ion Ratio Lower Upper
75 100
110 34.6 19.9 59.6
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 50.851 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

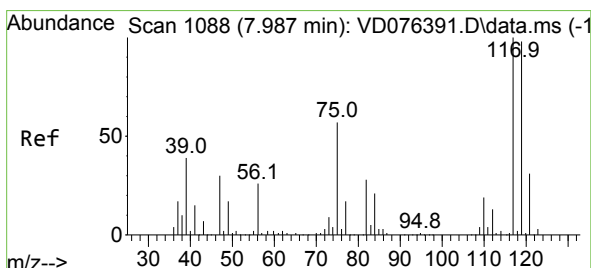
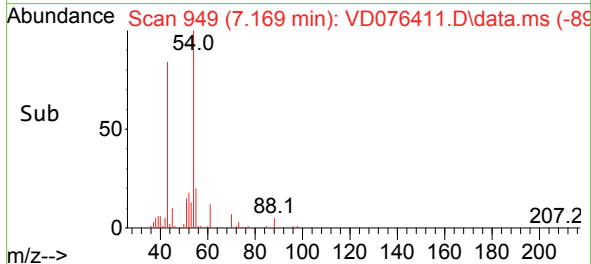
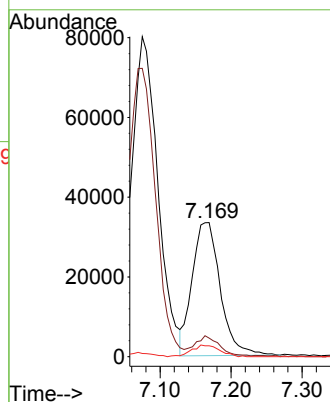
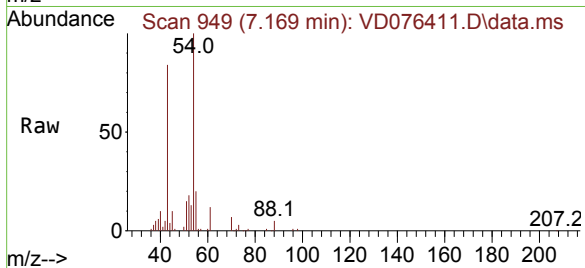
Tgt Ion: 43 Resp: 92138

Ion Ratio Lower Upper

43 100

61 13.0 14.9 22.3#

70 8.7 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 45.948 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

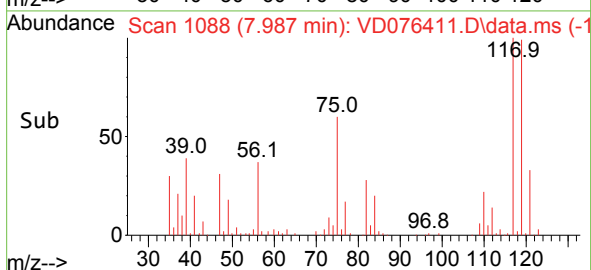
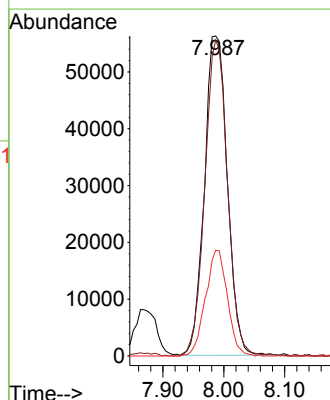
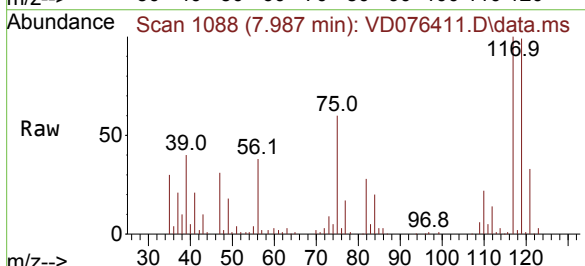
Tgt Ion: 117 Resp: 146956

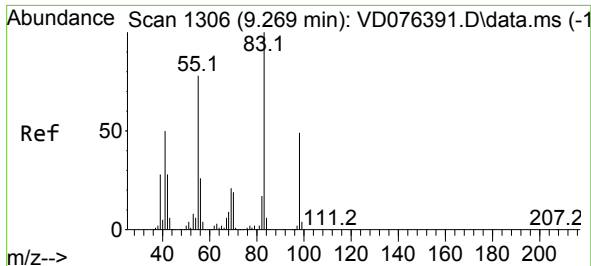
Ion Ratio Lower Upper

117 100

119 98.9 78.0 117.0

121 33.1 24.2 36.2





#39

Methylcyclohexane

Concen: 47.094 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

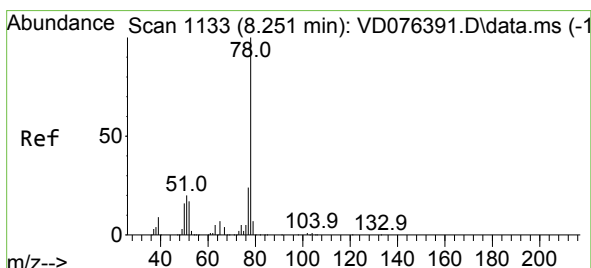
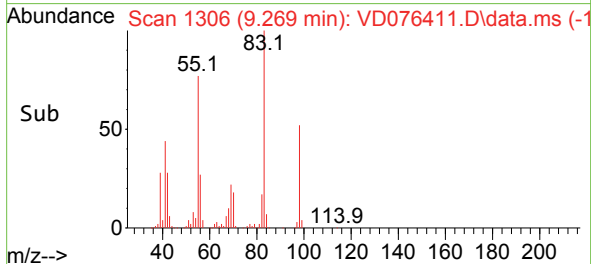
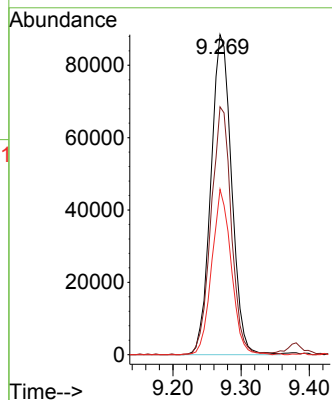
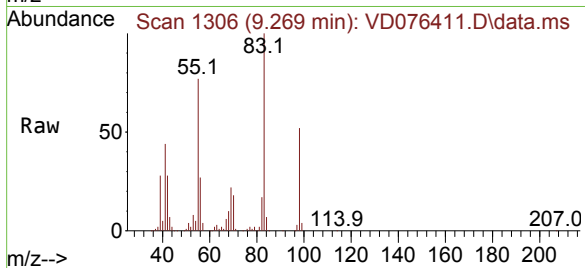
Tgt Ion: 83 Resp: 186798

Ion Ratio Lower Upper

83 100

55 77.4 49.4 74.0#

98 51.7 38.4 57.6



#40

Benzene

Concen: 47.554 ug/l

RT: 8.245 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076411.D

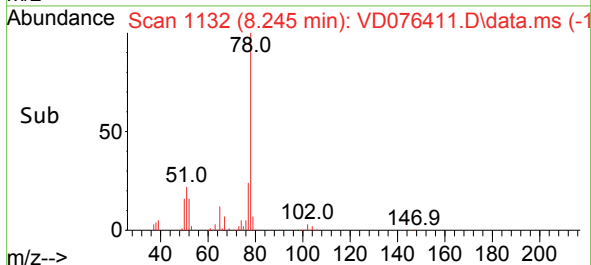
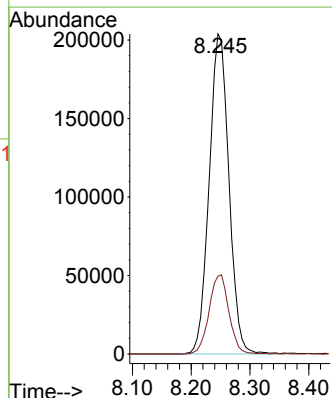
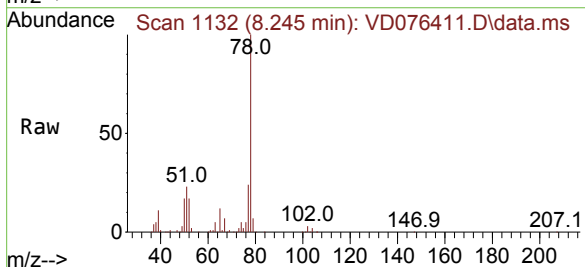
Acq: 14 Jun 2023 11:05

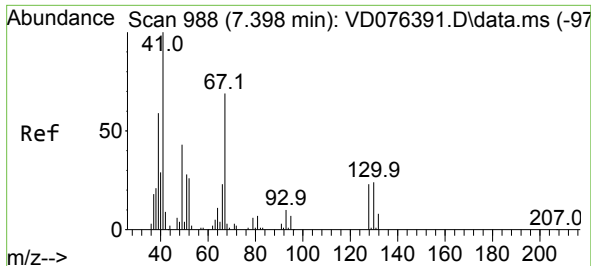
Tgt Ion: 78 Resp: 476236

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

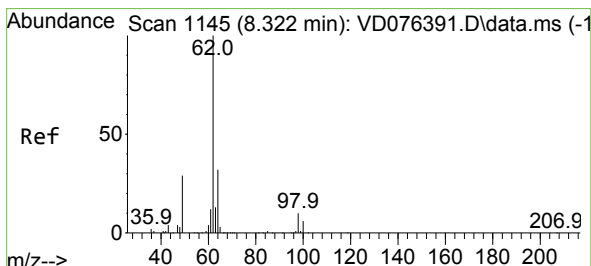
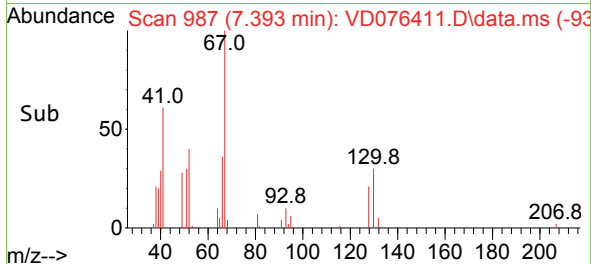
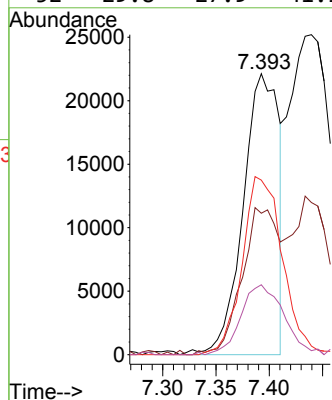
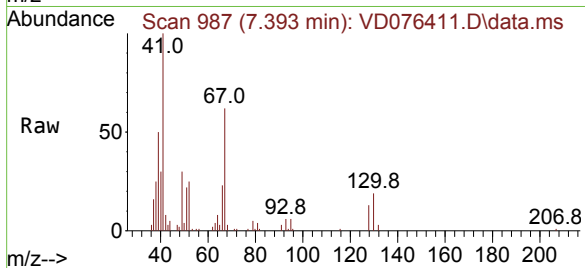




#41
Methacrylonitrile
Concen: 44.589 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

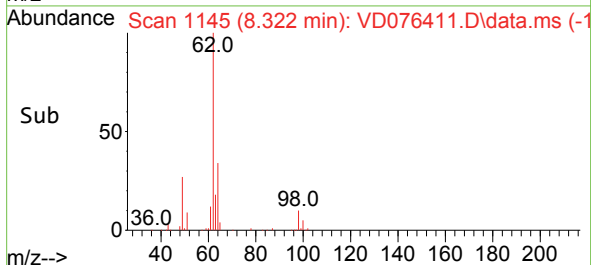
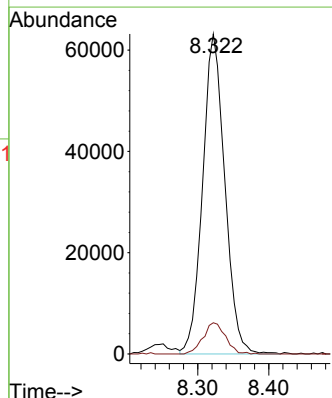
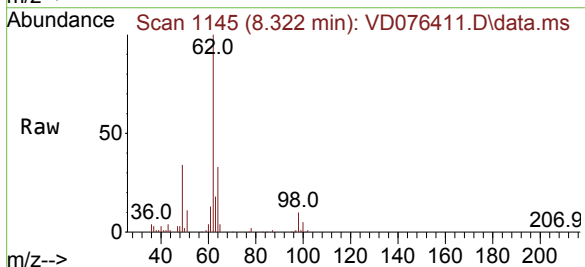
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

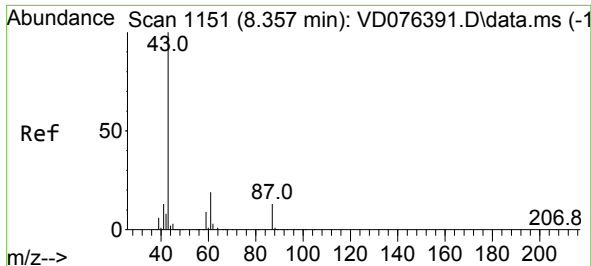
Tgt Ion:	41	Resp:	51684
Ion	Ratio	Lower	Upper
41	100		
39	52.9	34.0	51.0#
67	71.7	77.0	115.4#
52	29.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 46.039 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:	62	Resp:	137298
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	25.4

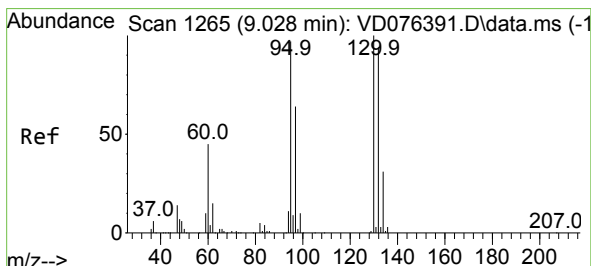
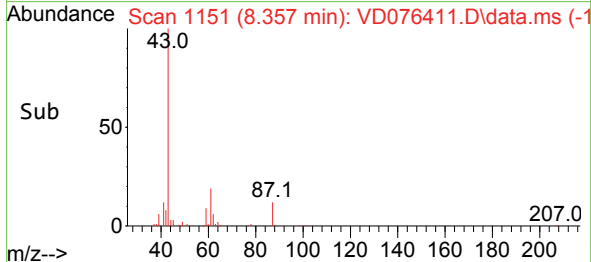
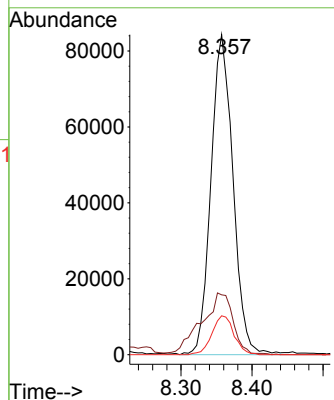
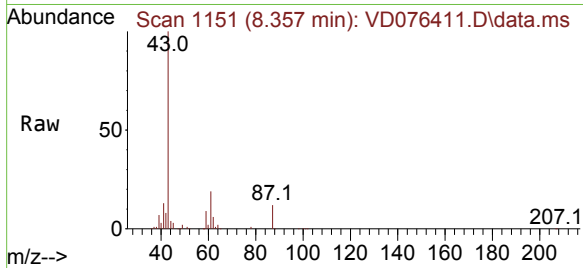




#43
Isopropyl Acetate
Concen: 47.770 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

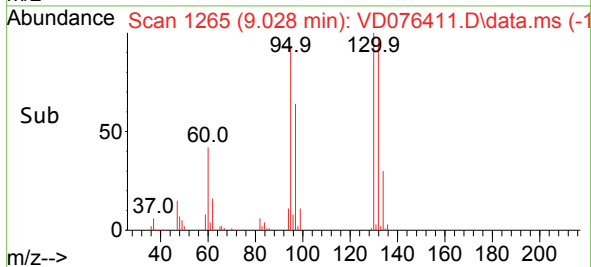
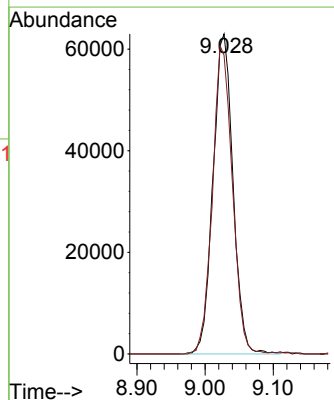
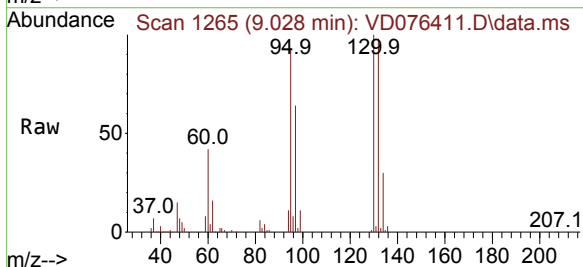
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

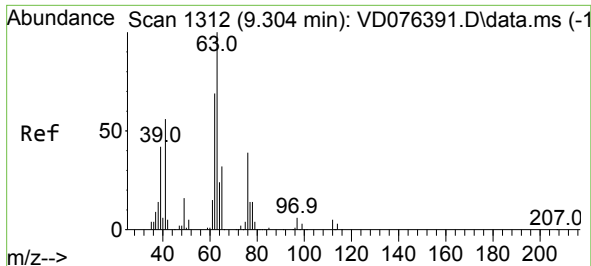
Tgt Ion: 43 Resp: 181472
Ion Ratio Lower Upper
43 100
61 27.9 31.4 47.0#
87 12.1 14.9 22.3#



#44
Trichloroethene
Concen: 47.247 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:130 Resp: 128267
Ion Ratio Lower Upper
130 100
95 93.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.955 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

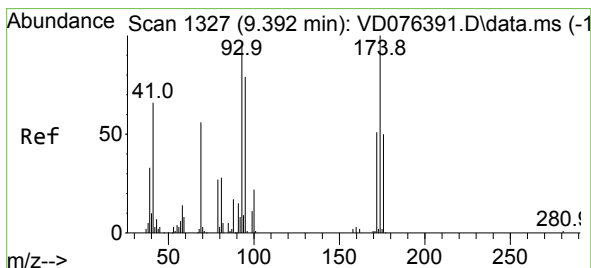
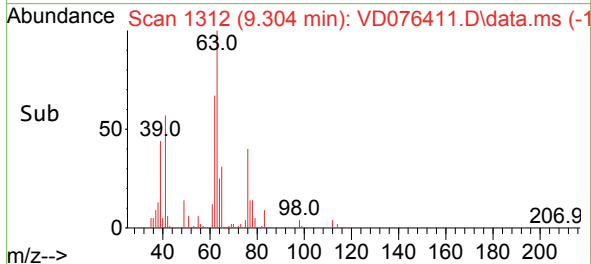
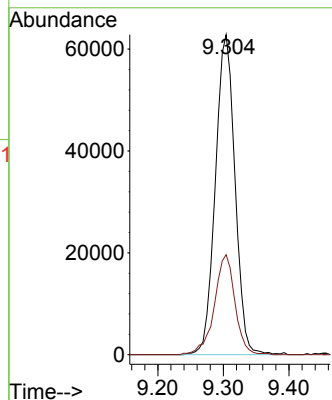
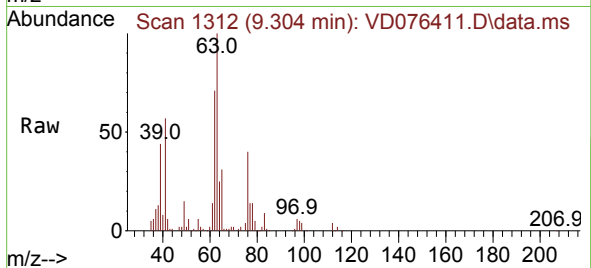
VSTDCCC050

Tgt Ion: 63 Resp: 130304

Ion Ratio Lower Upper

63 100

65 31.2 24.5 36.7



#46

Dibromomethane

Concen: 47.336 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

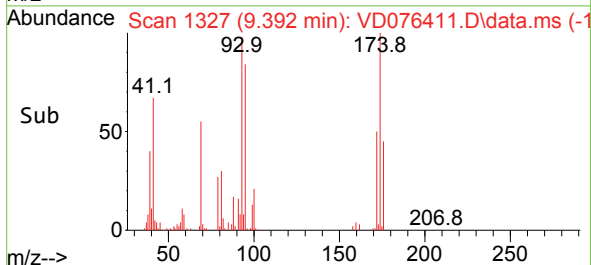
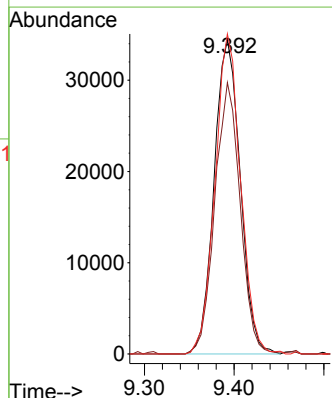
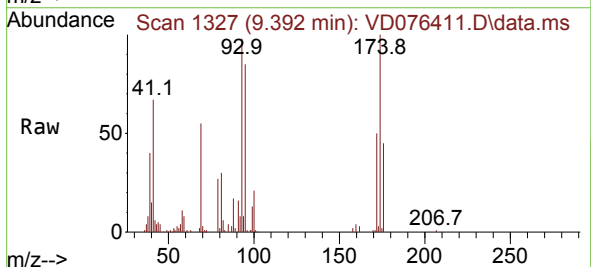
Tgt Ion: 93 Resp: 69533

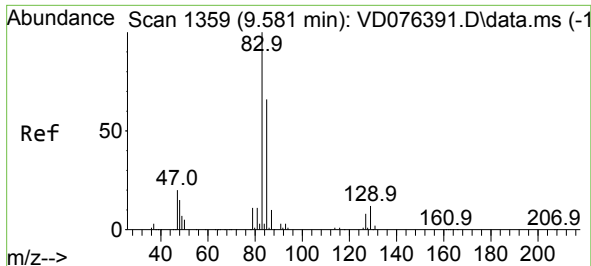
Ion Ratio Lower Upper

93 100

95 84.1 67.7 101.5

174 99.8 85.4 128.2

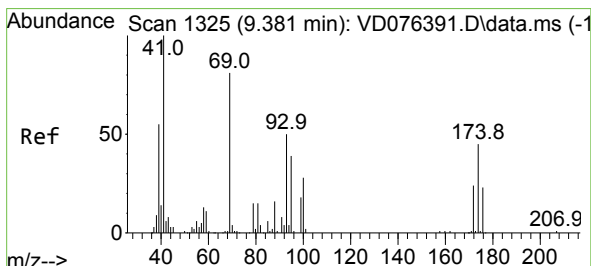
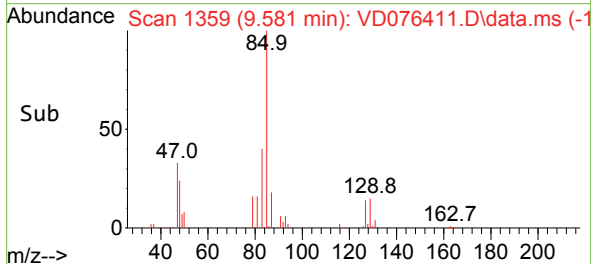
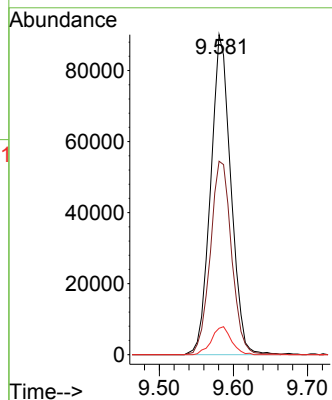
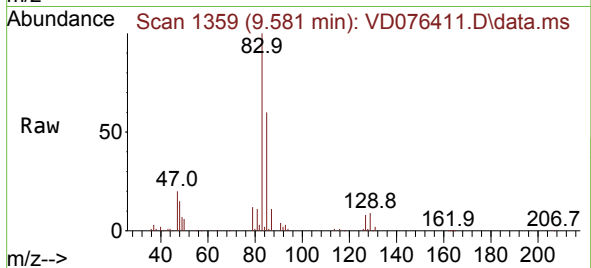




#47
Bromodichloromethane
Concen: 46.850 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

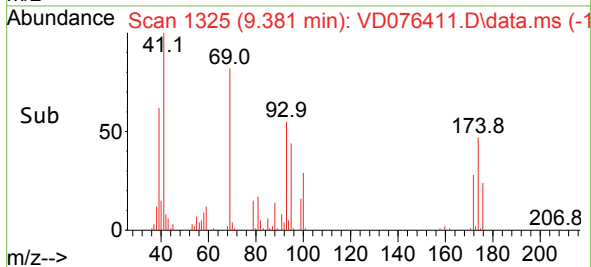
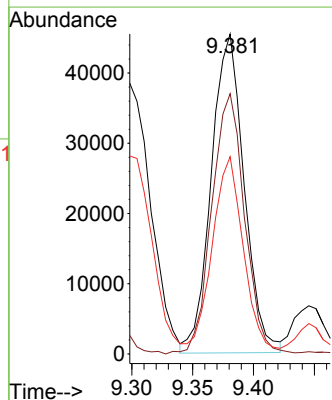
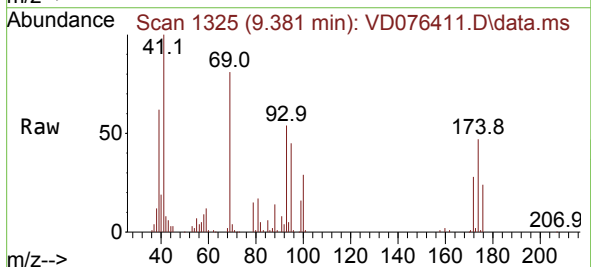
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

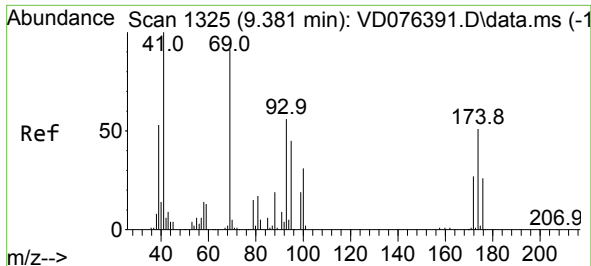
Tgt Ion: 83 Resp: 170479
Ion Ratio Lower Upper
83 100
85 60.5 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 46.793 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 41 Resp: 85199
Ion Ratio Lower Upper
41 100
69 81.6 102.2 153.2#
39 54.9 41.4 62.2





#49

1,4-Dioxane

Concen: 930.841 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076411.D

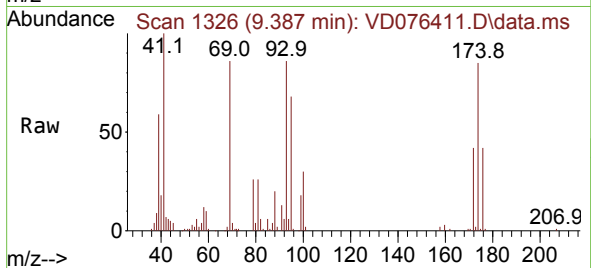
Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



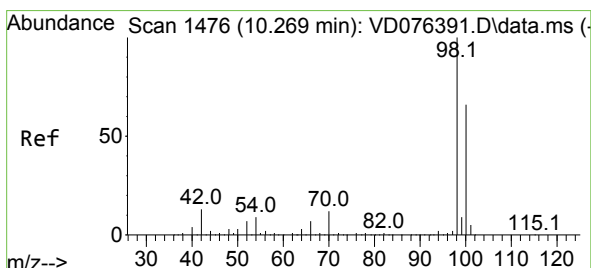
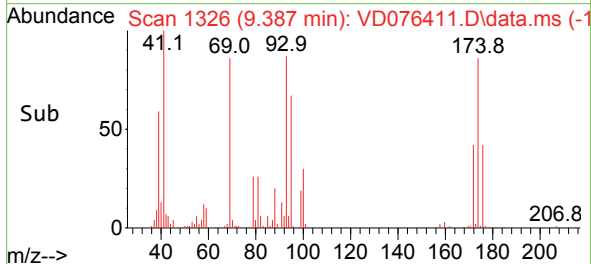
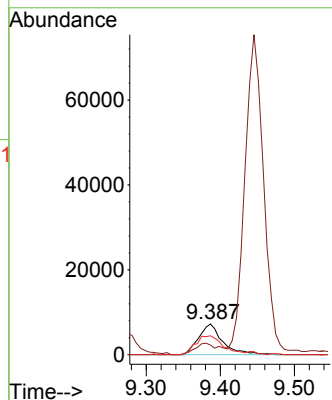
Tgt Ion: 88 Resp: 16223

Ion Ratio Lower Upper

88 100

43 36.0 19.0 28.6#

58 70.4 43.5 65.3#



#50

Toluene-d8

Concen: 47.741 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076411.D

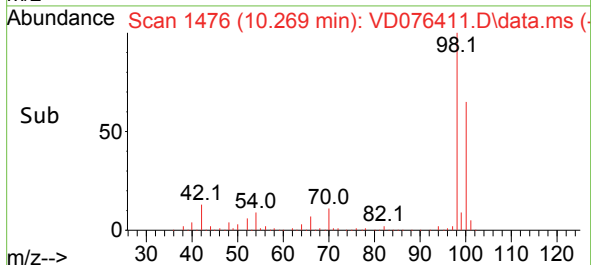
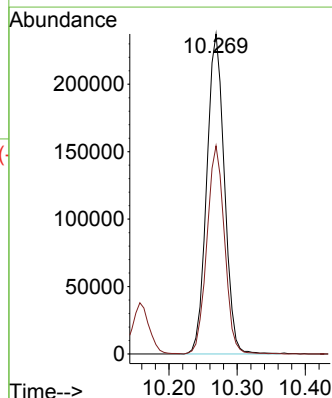
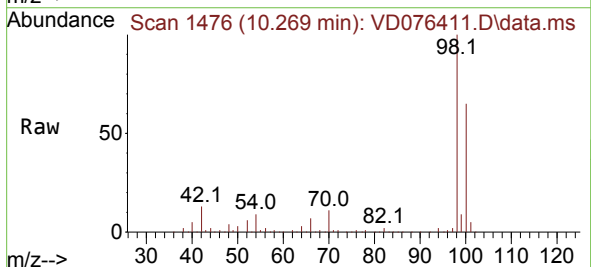
Acq: 14 Jun 2023 11:05

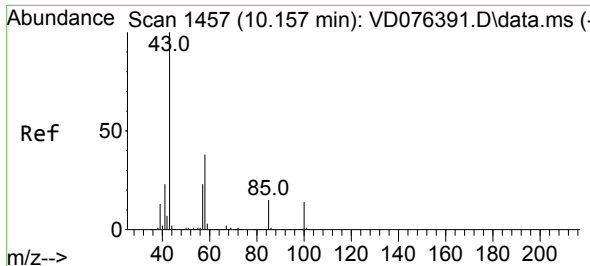
Tgt Ion: 98 Resp: 426986

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

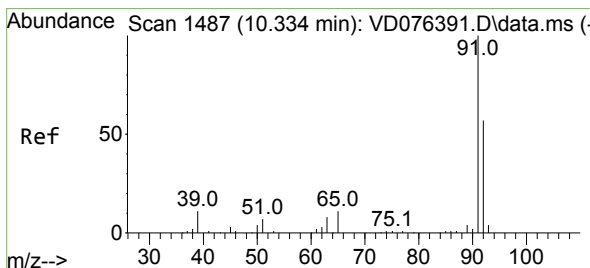
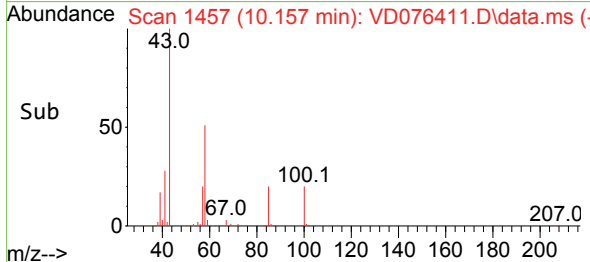
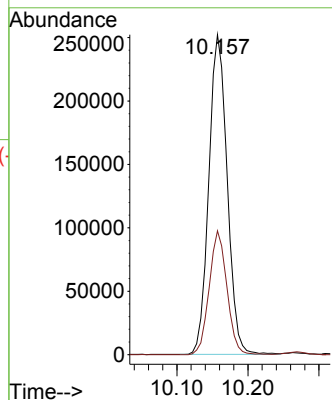
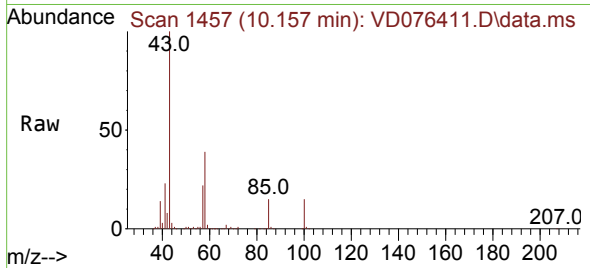




#51
4-Methyl-2-Pentanone
Concen: 240.345 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

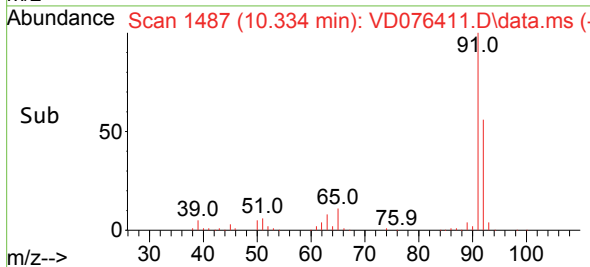
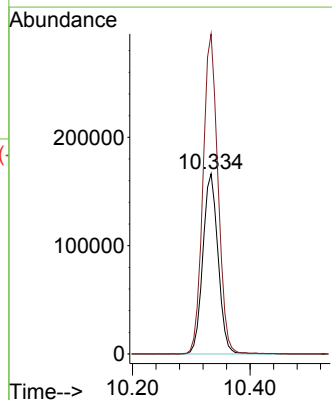
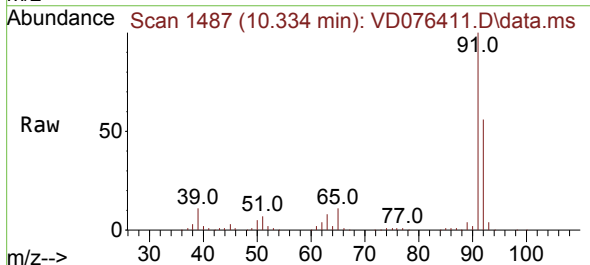
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

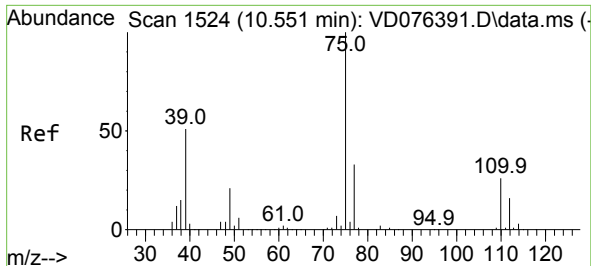
Tgt Ion: 43 Resp: 453491
Ion Ratio Lower Upper
43 100
58 37.4 38.9 58.3#



#52
Toluene
Concen: 47.061 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 92 Resp: 297943
Ion Ratio Lower Upper
92 100
91 175.6 143.0 214.4

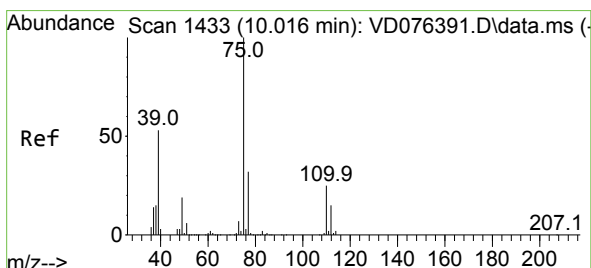
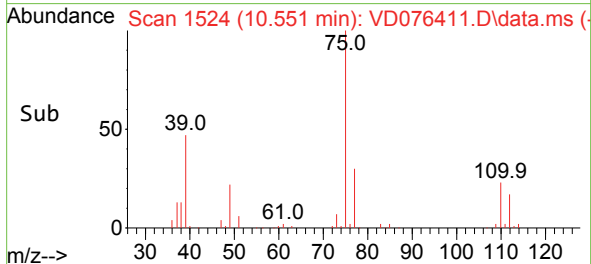
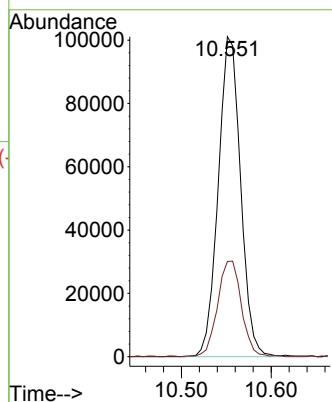
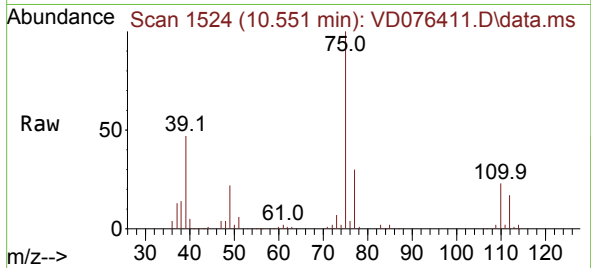




#53
t-1,3-Dichloropropene
Concen: 46.944 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

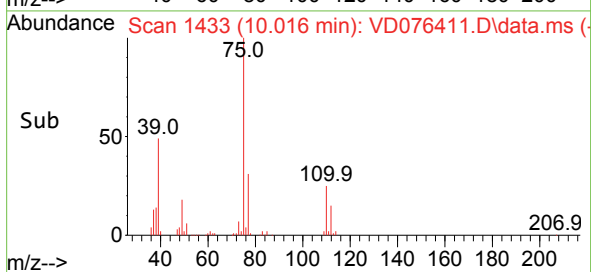
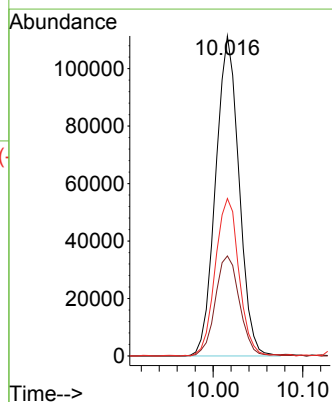
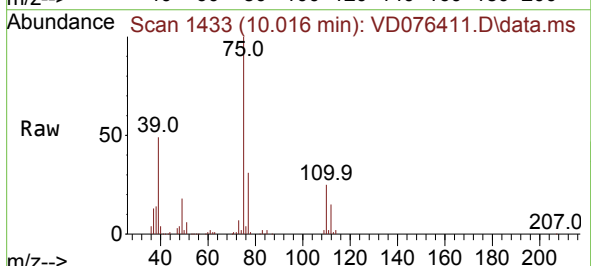
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

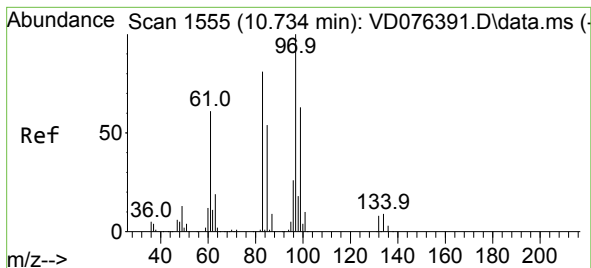
Tgt Ion: 75 Resp: 174714
Ion Ratio Lower Upper
75 100
77 29.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 47.088 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 75 Resp: 201536
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 49.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 47.528 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 93251

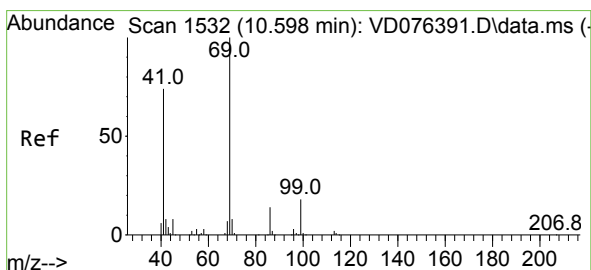
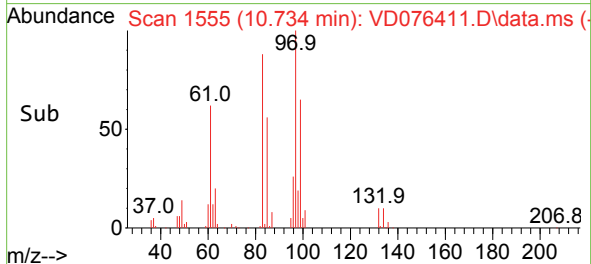
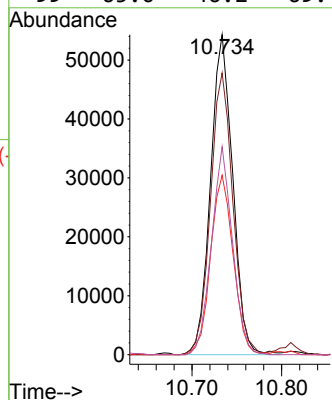
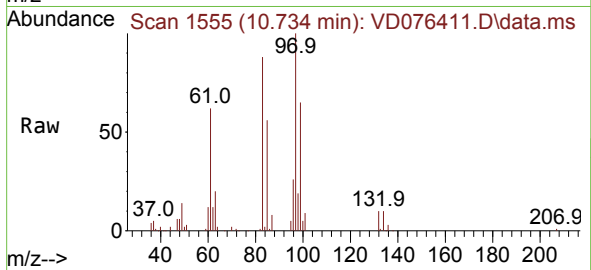
Ion Ratio Lower Upper

97 100

83 88.1 65.8 98.6

85 56.1 45.7 68.5

99 65.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 47.774 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

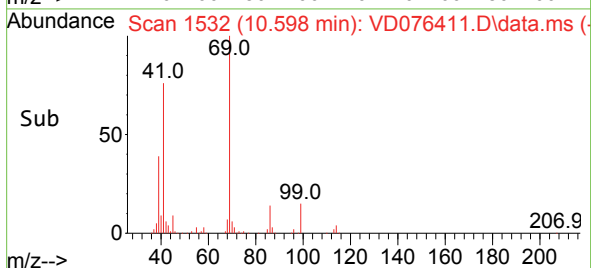
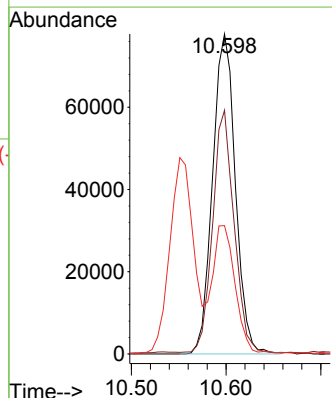
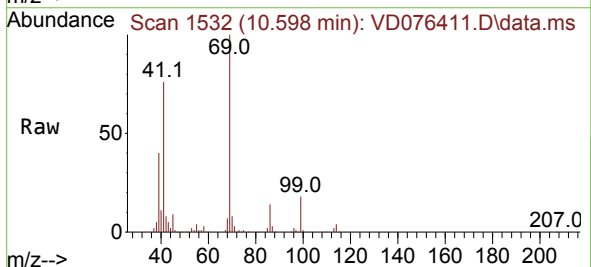
Tgt Ion: 69 Resp: 130173

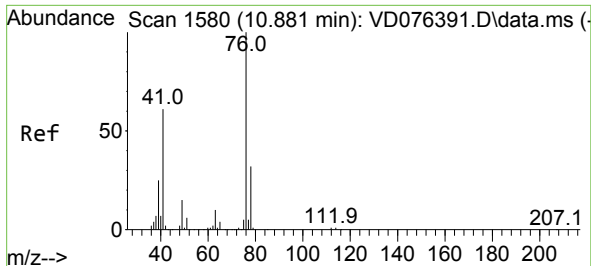
Ion Ratio Lower Upper

69 100

41 71.2 39.1 58.7#

39 40.6 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 47.920 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

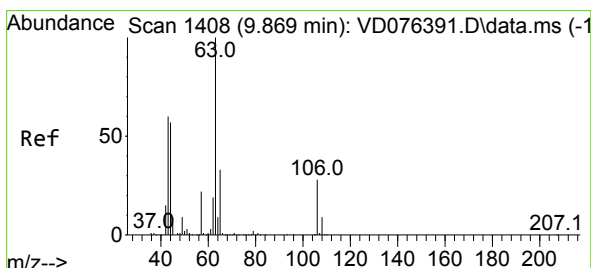
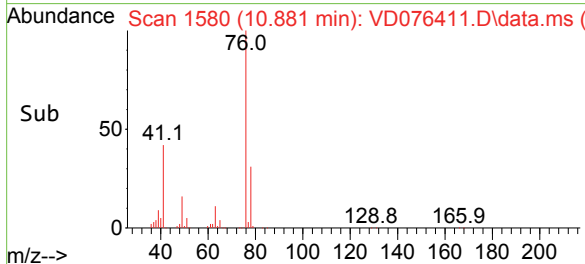
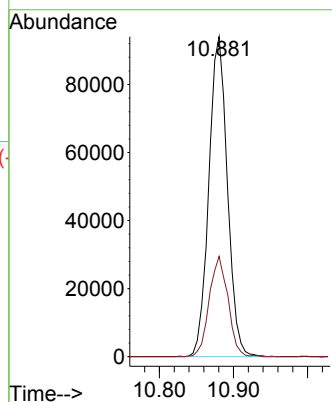
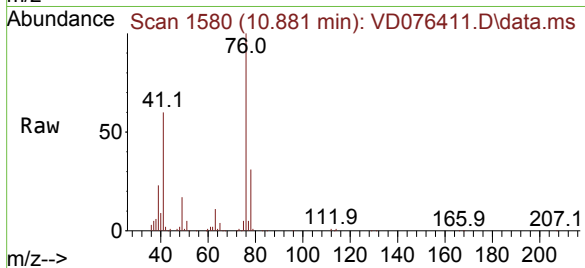
VSTDCCC050

Tgt Ion: 76 Resp: 163556

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 241.142 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076411.D

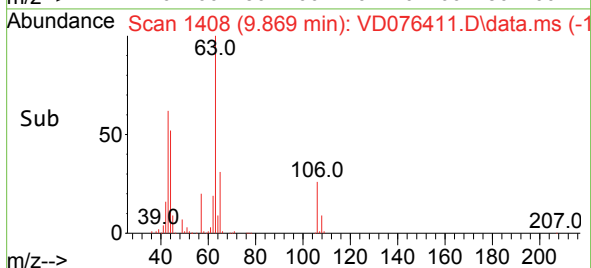
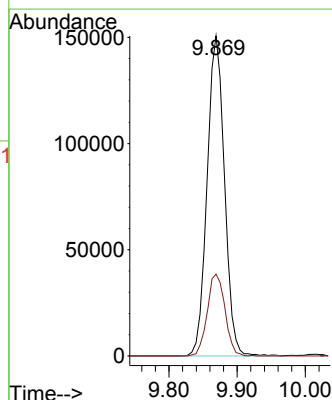
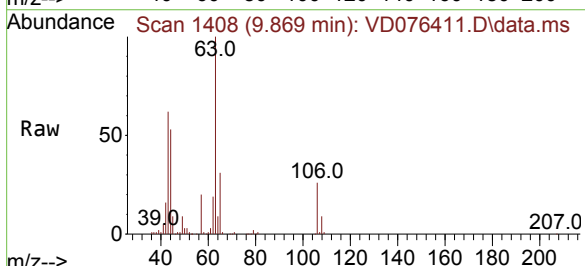
Acq: 14 Jun 2023 11:05

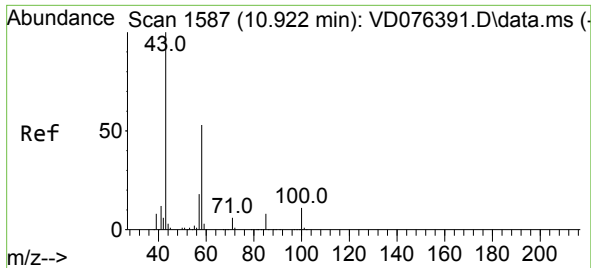
Tgt Ion: 63 Resp: 267640

Ion Ratio Lower Upper

63 100

106 26.0 25.3 37.9

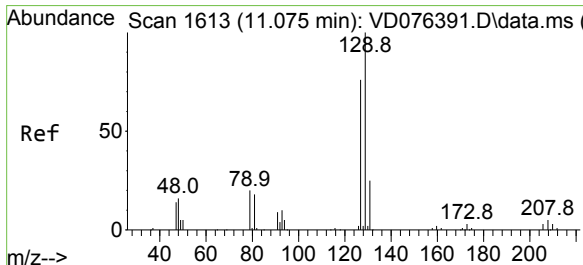
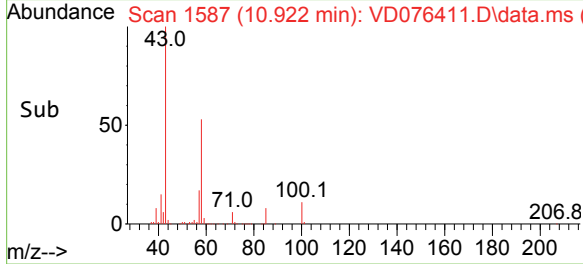
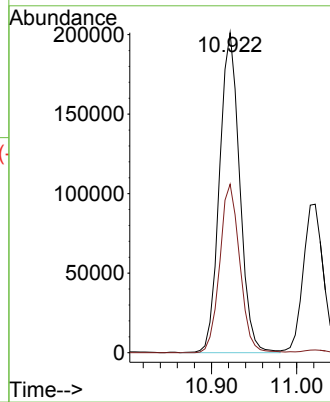
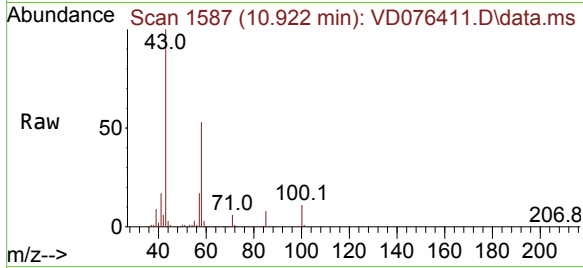




#59
2-Hexanone
Concen: 249.676 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

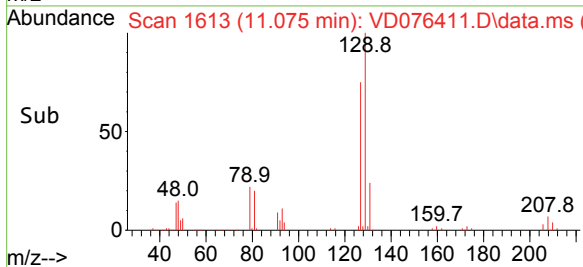
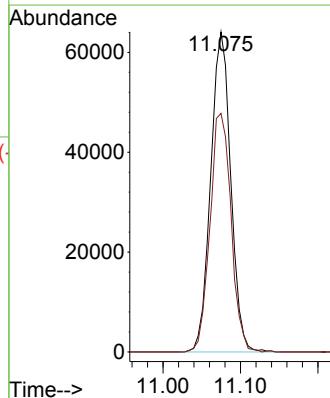
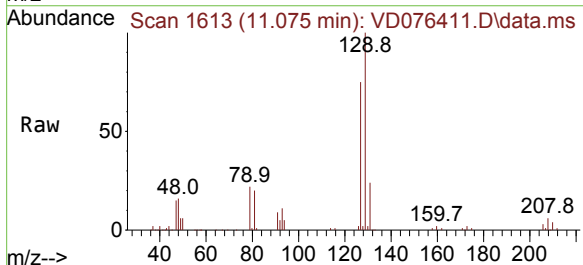
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

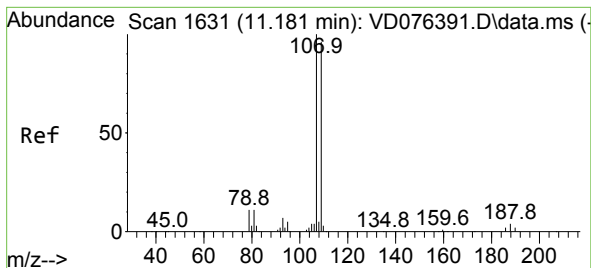
Tgt Ion: 43 Resp: 330220
Ion Ratio Lower Upper
43 100
58 52.4 34.1 102.2



#60
Dibromochloromethane
Concen: 47.363 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 129 Resp: 114980
Ion Ratio Lower Upper
129 100
127 78.4 37.1 111.5

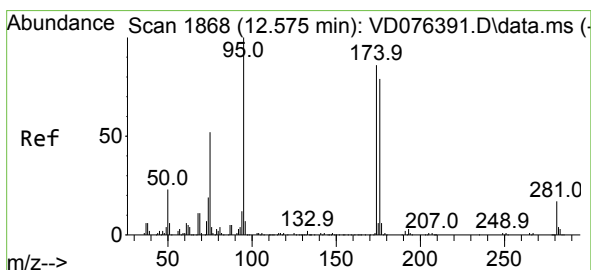
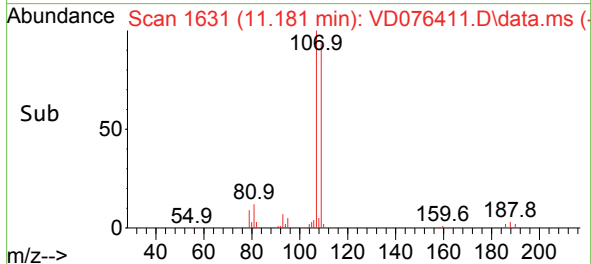
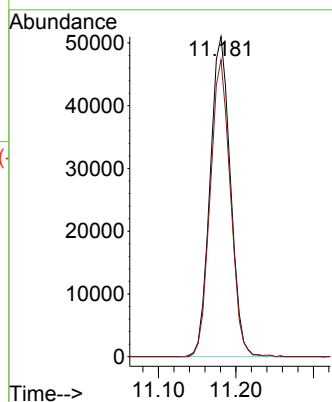
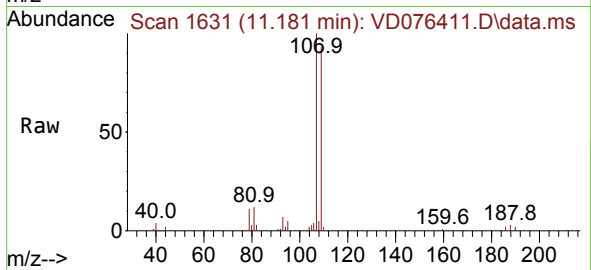




#61
1,2-Dibromoethane
Concen: 48.806 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

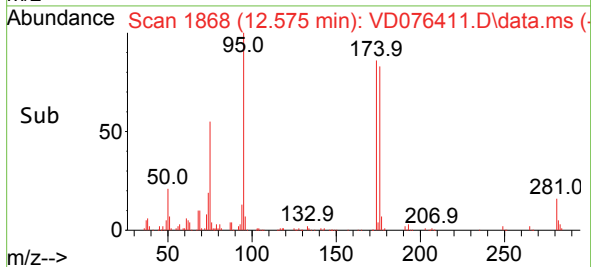
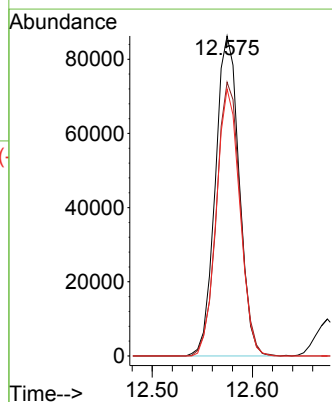
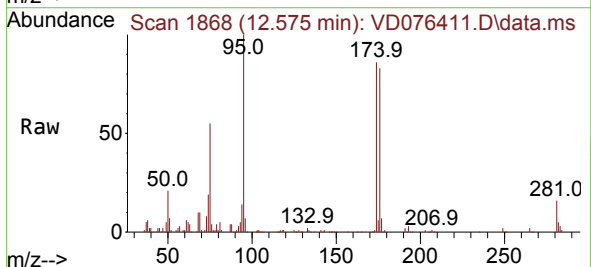
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

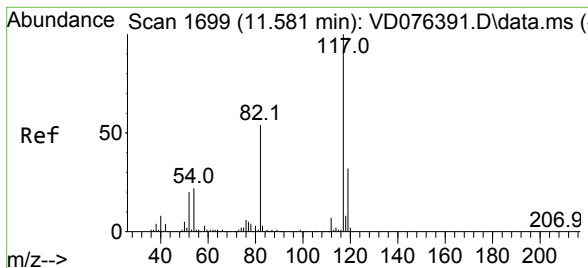
Tgt Ion:107 Resp: 92904
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.406 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 95 Resp: 142386
Ion Ratio Lower Upper
95 100
174 85.4 0.0 201.8
176 82.3 0.0 191.8

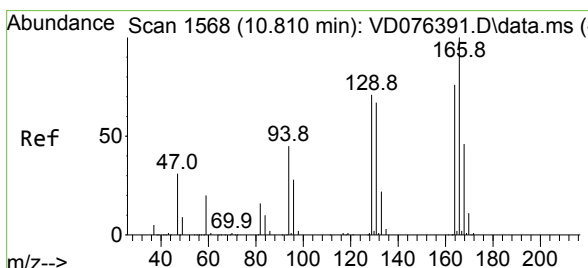
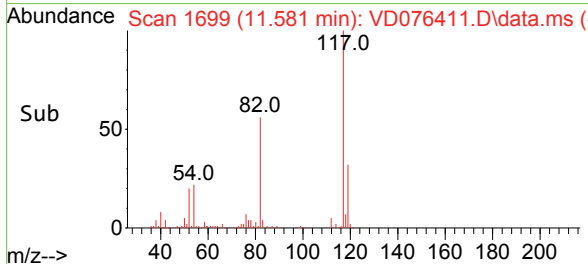
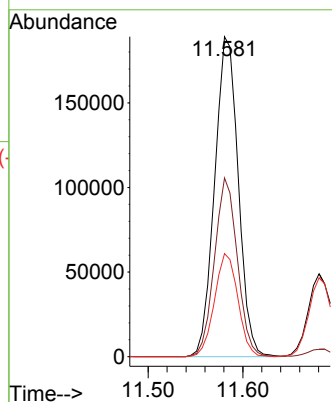
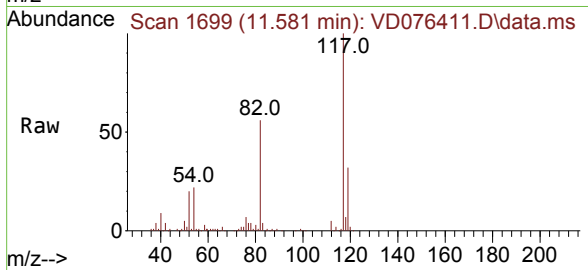




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

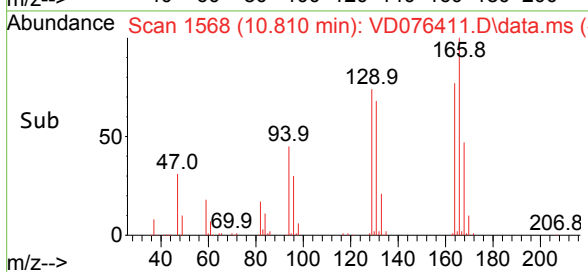
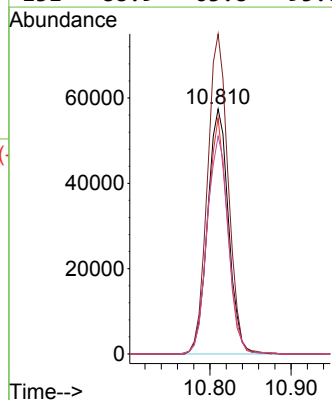
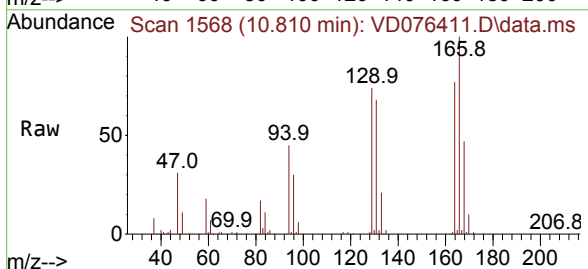
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

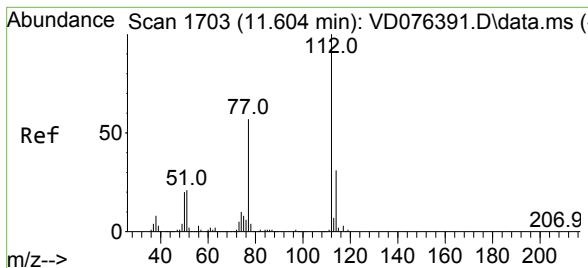
Tgt Ion:117 Resp: 328099
Ion Ratio Lower Upper
117 100
82 55.9 38.3 57.5
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 45.667 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:164 Resp: 102862
Ion Ratio Lower Upper
164 100
166 130.6 99.2 148.8
129 96.3 68.4 102.6
131 88.9 63.8 95.8

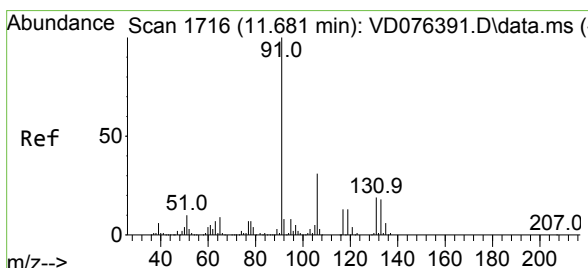
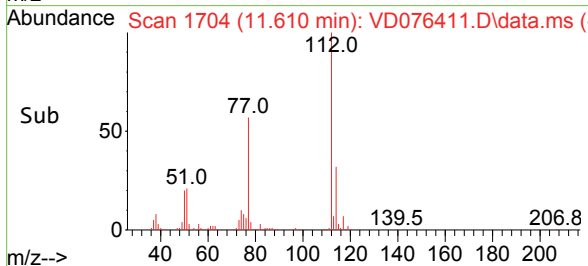
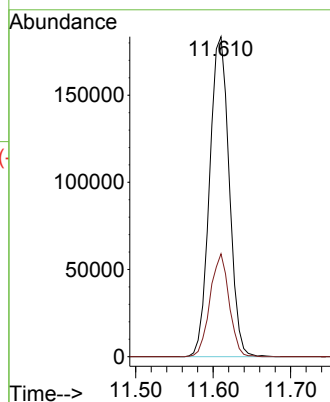
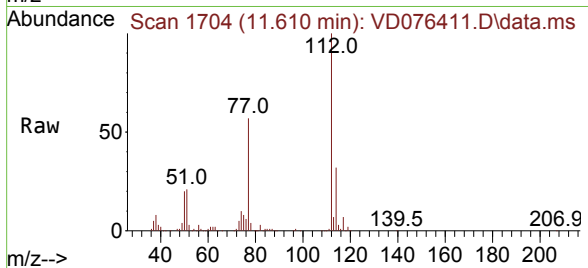




#65
Chlorobenzene
Concen: 47.388 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

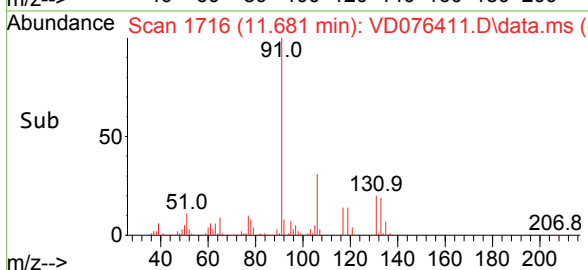
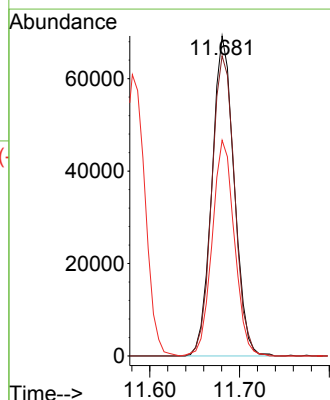
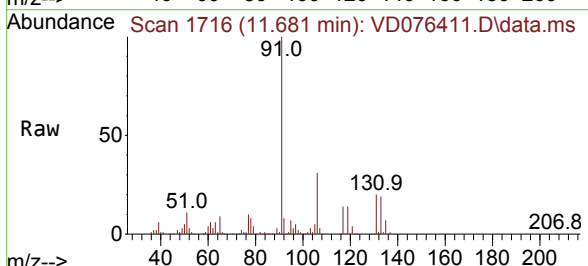
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

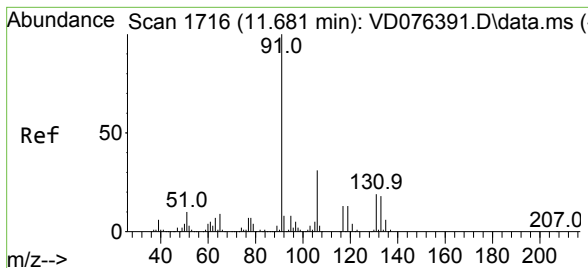
Tgt Ion:112 Resp: 322277
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.815 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:131 Resp: 119047
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 67.4 35.6 106.9





#67

Ethyl Benzene

Concen: 46.886 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

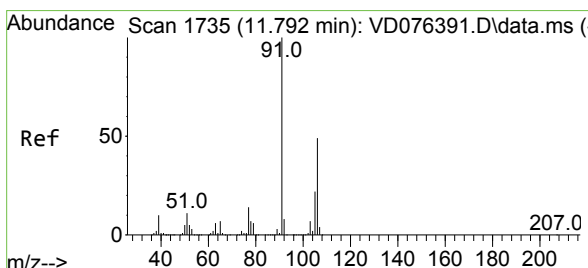
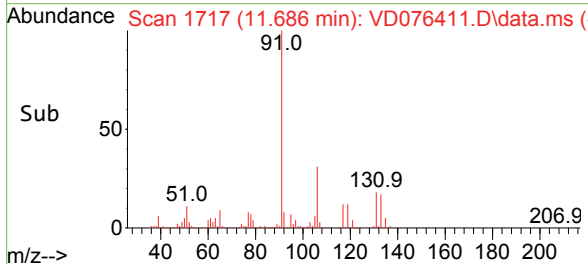
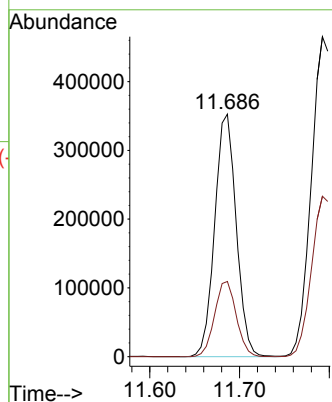
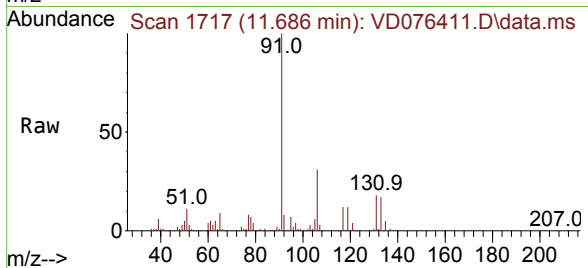
VSTDCCC050

Tgt Ion: 91 Resp: 587290

Ion Ratio Lower Upper

91 100

106 31.0 26.5 39.7



#68

m/p-Xylenes

Concen: 94.282 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076411.D

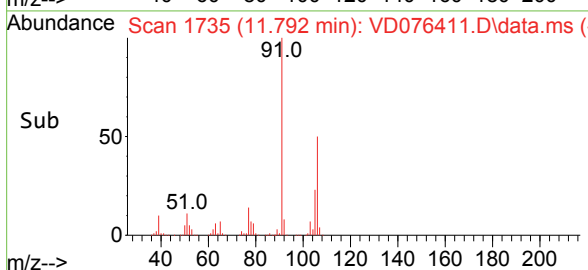
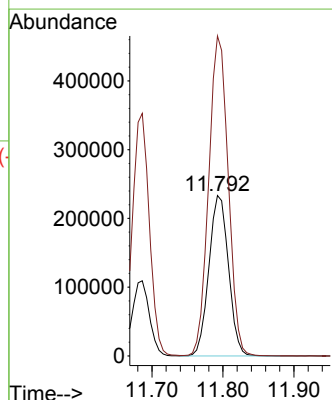
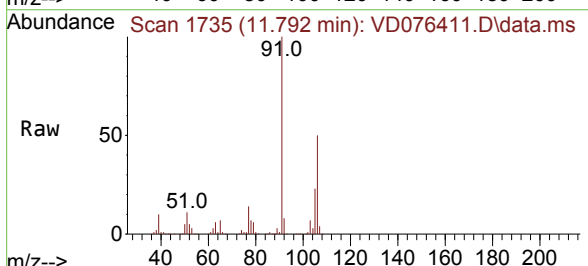
Acq: 14 Jun 2023 11:05

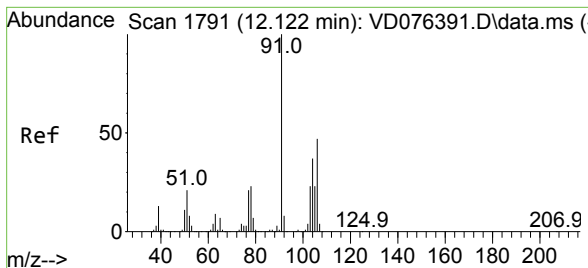
Tgt Ion:106 Resp: 446842

Ion Ratio Lower Upper

106 100

91 198.6 147.0 220.6

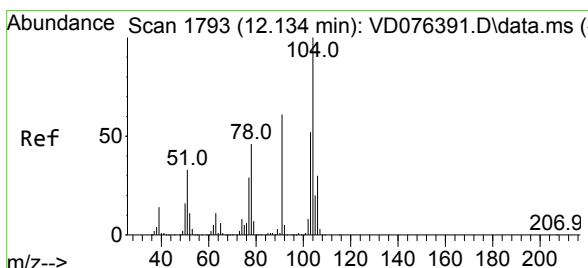
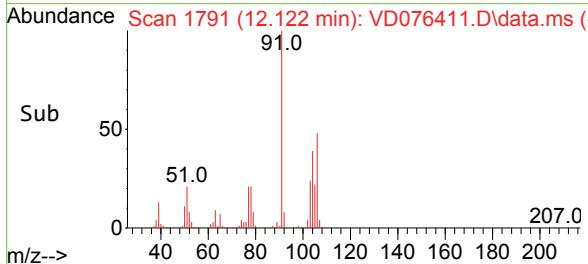
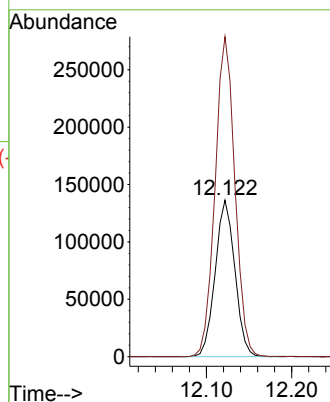
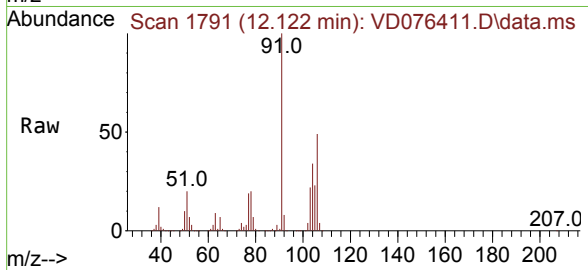




#69
o-Xylene
Concen: 48.118 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

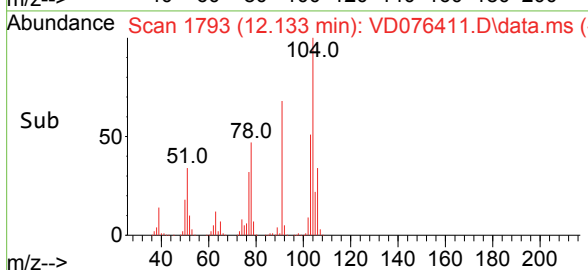
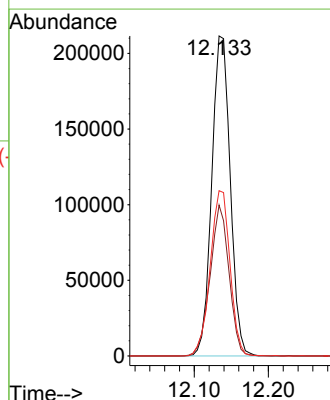
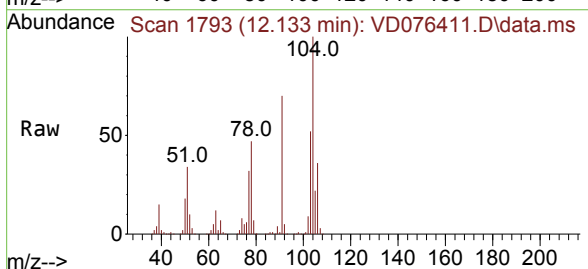
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

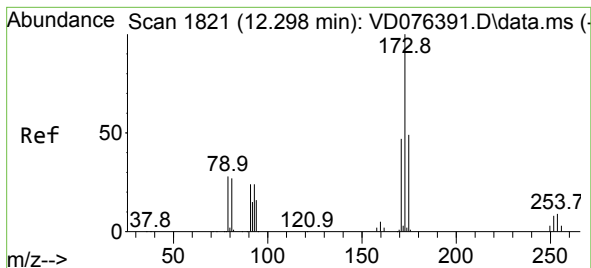
Tgt Ion:106 Resp: 219070
Ion Ratio Lower Upper
106 100
91 206.0 97.9 293.6



#70
Styrene
Concen: 47.205 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:104 Resp: 366668
Ion Ratio Lower Upper
104 100
78 48.2 33.2 49.8
103 55.1 43.6 65.4





#71

Bromoform

Concen: 49.693 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

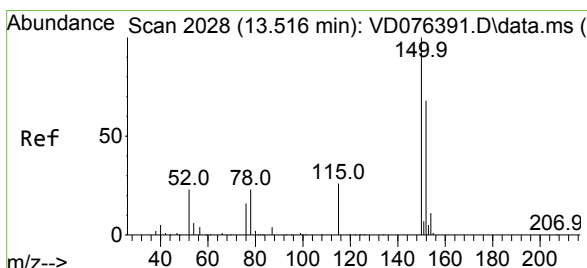
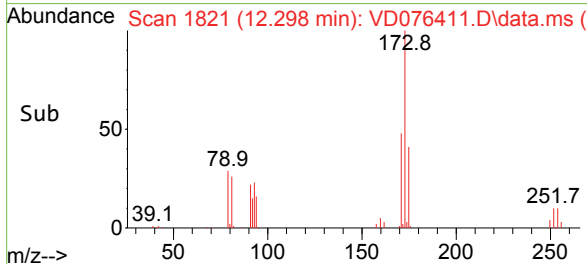
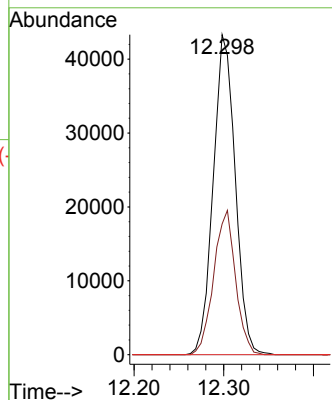
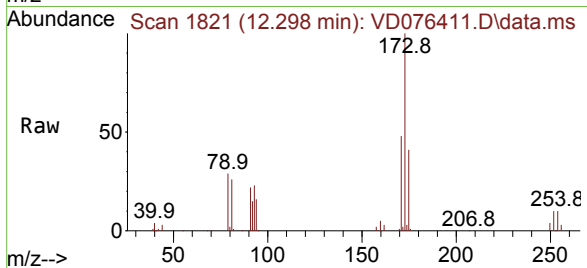
Tgt Ion:173 Resp: 73705

Ion Ratio Lower Upper

173 100

175 44.9 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

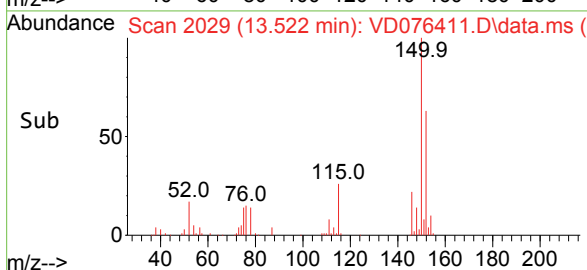
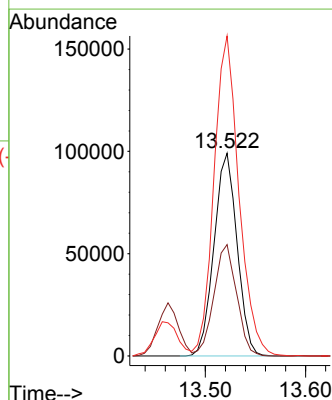
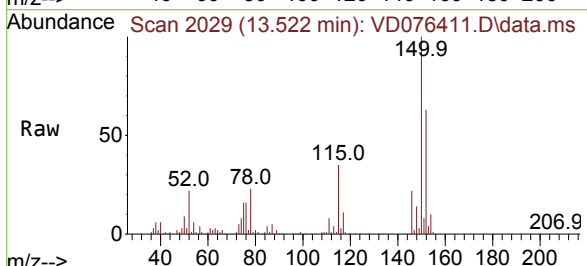
Tgt Ion:152 Resp: 158123

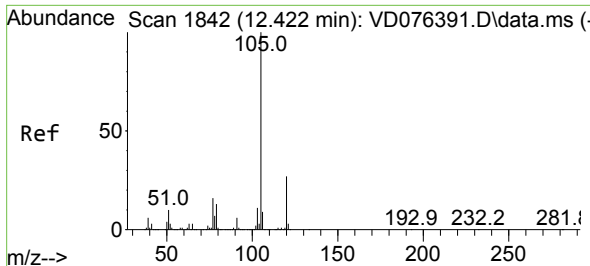
Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.3

150 170.6 0.0 353.6

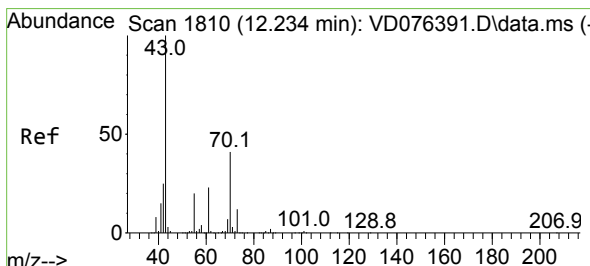
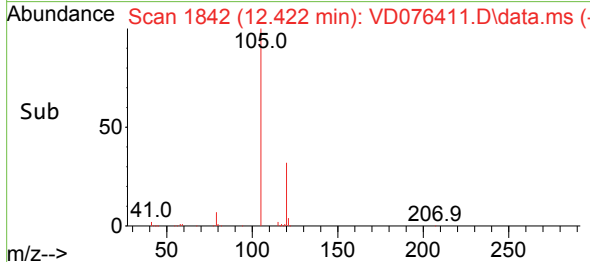
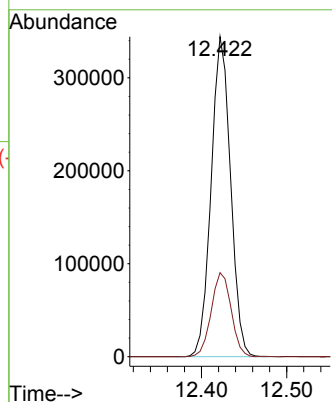
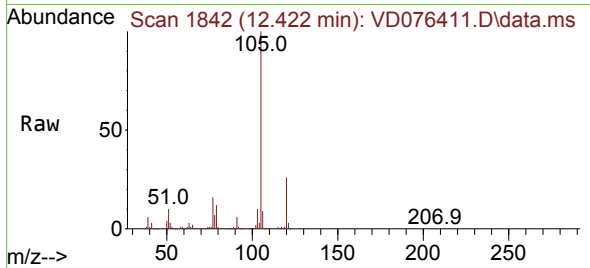




#73
Isopropylbenzene
Concen: 45.674 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

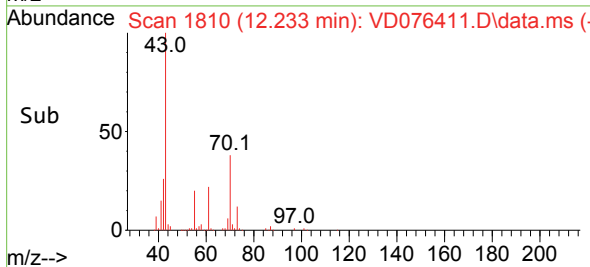
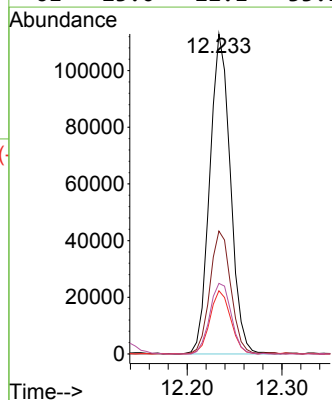
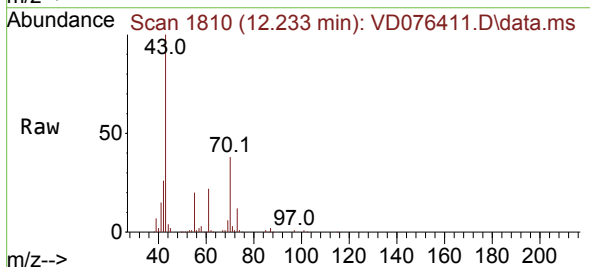
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

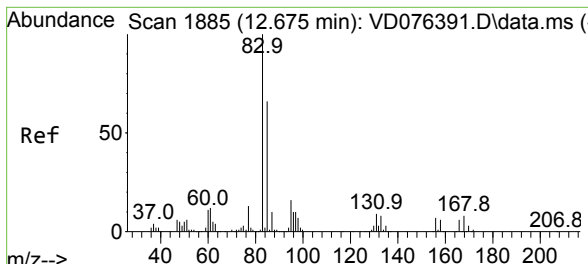
Tgt Ion:105 Resp: 546177
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 46.774 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 43 Resp: 170575
Ion Ratio Lower Upper
43 100
70 39.1 45.0 67.4#
55 19.9 23.8 35.6#
61 23.0 22.1 33.1

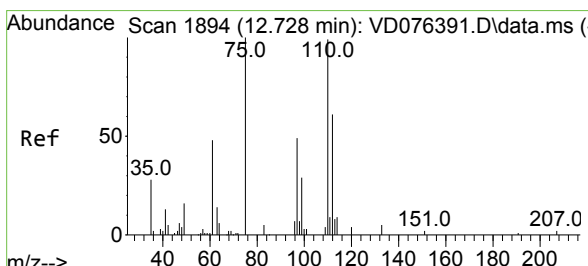
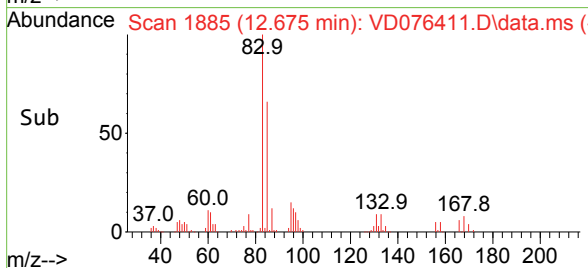
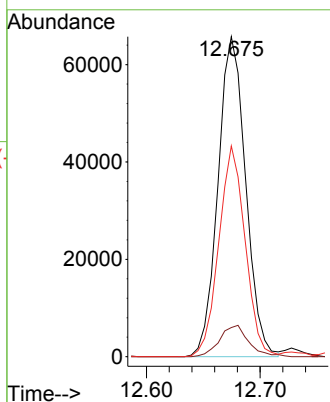
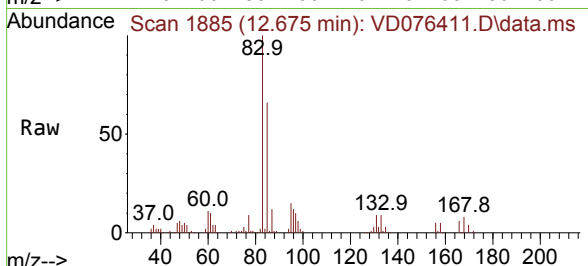




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.180 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

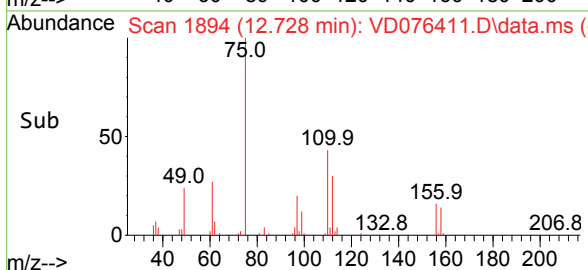
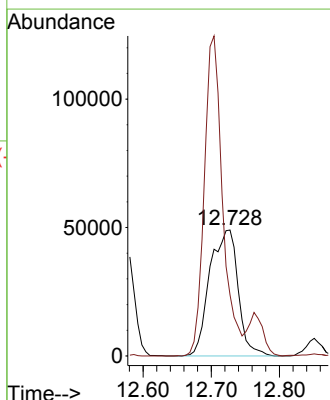
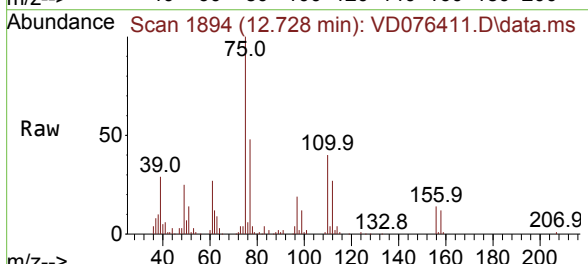
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

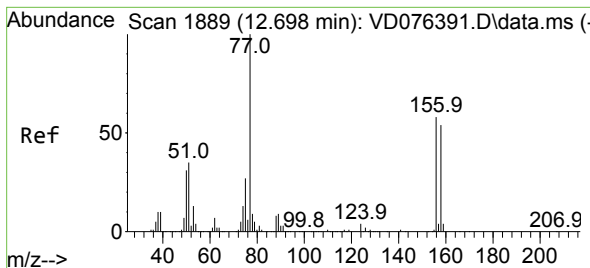
Tgt Ion:	83	Resp:	111413
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	62.6	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 95.994 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

Tgt Ion:	75	Resp:	141904
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.788 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

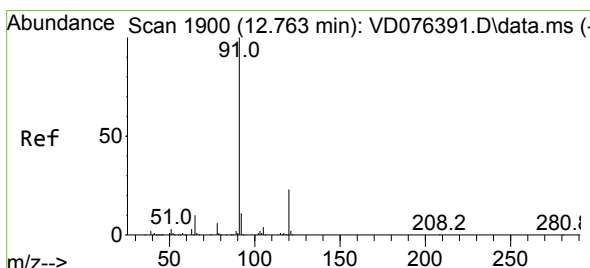
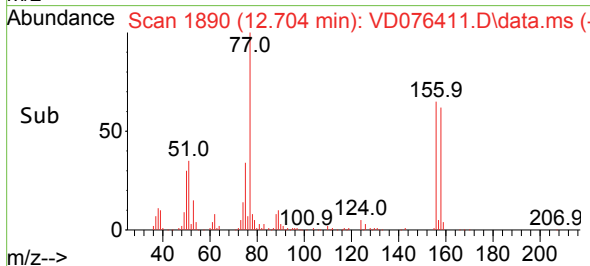
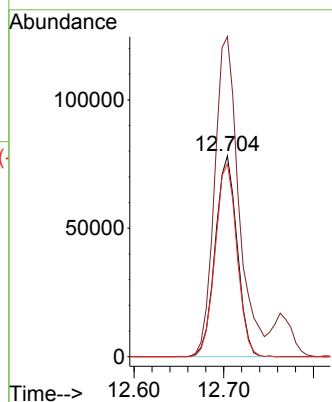
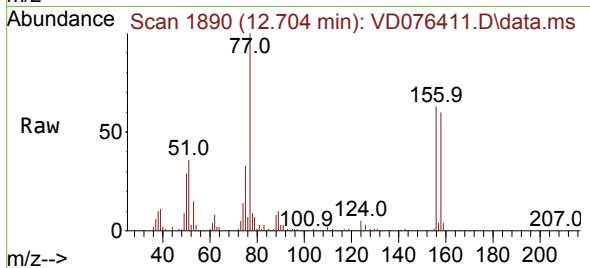
Tgt Ion:156 Resp: 132008

Ion Ratio Lower Upper

156 100

77 176.7 76.8 230.4

158 95.7 48.6 145.9



#78

n-propylbenzene

Concen: 45.547 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076411.D

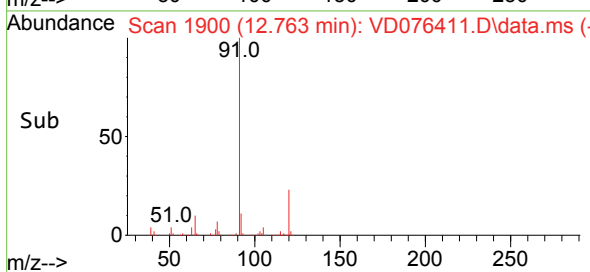
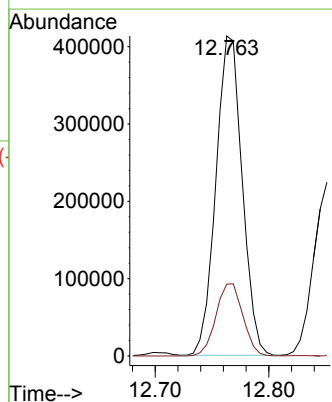
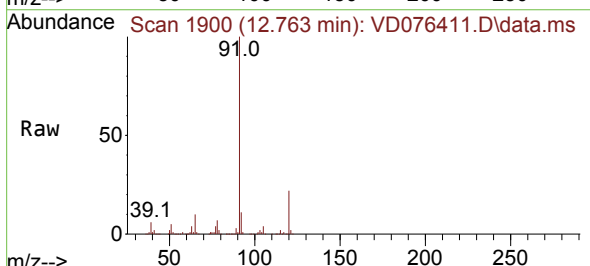
Acq: 14 Jun 2023 11:05

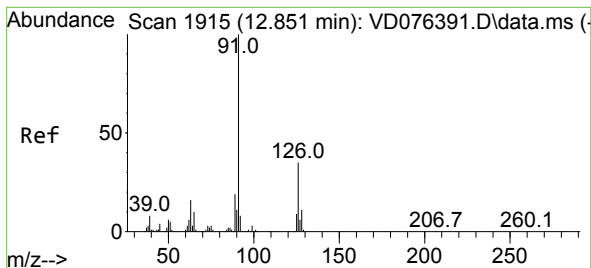
Tgt Ion: 91 Resp: 663899

Ion Ratio Lower Upper

91 100

120 23.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 44.656 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

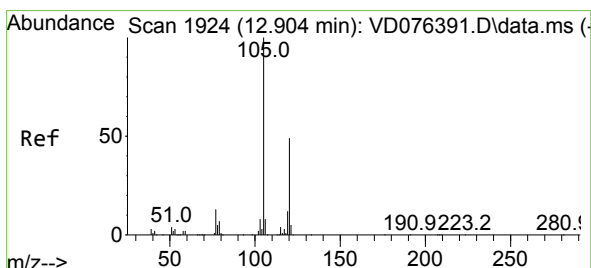
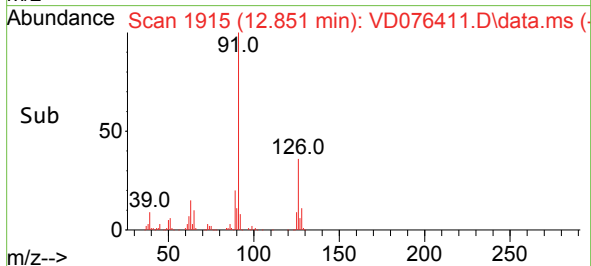
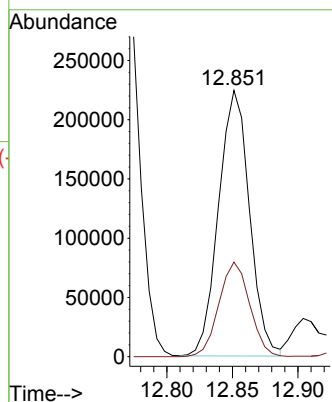
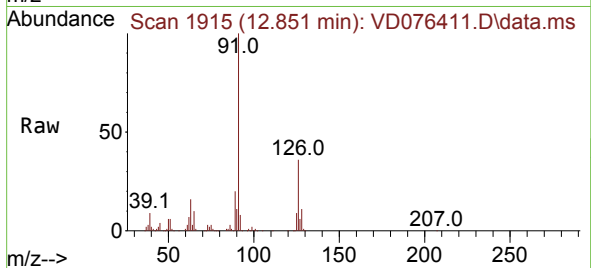
VSTDCCC050

Tgt Ion: 91 Resp: 368335

Ion Ratio Lower Upper

91 100

126 35.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 45.180 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076411.D

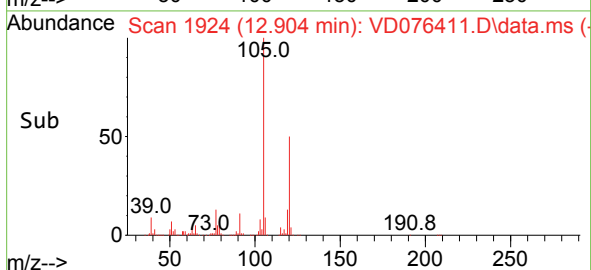
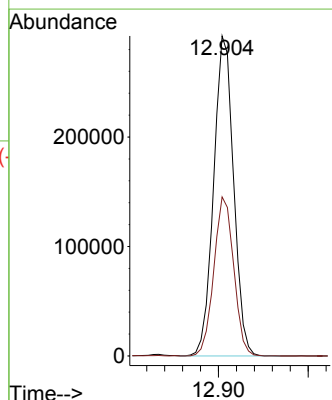
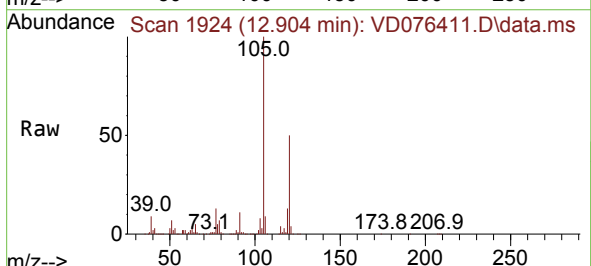
Acq: 14 Jun 2023 11:05

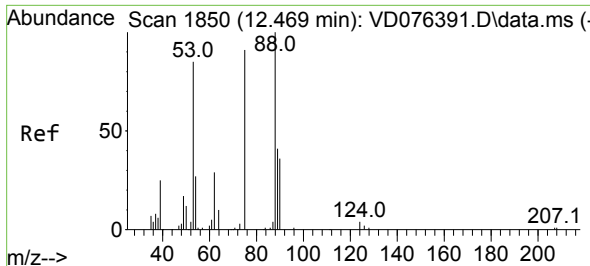
Tgt Ion: 105 Resp: 450951

Ion Ratio Lower Upper

105 100

120 49.5 26.4 79.2

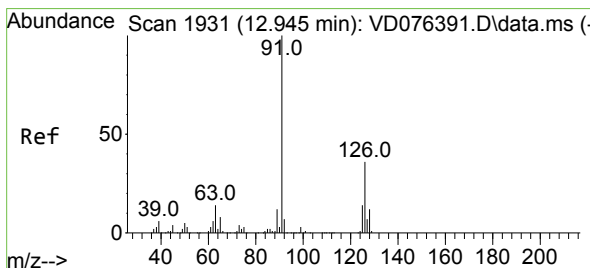
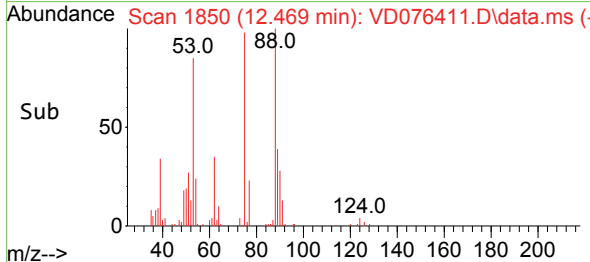
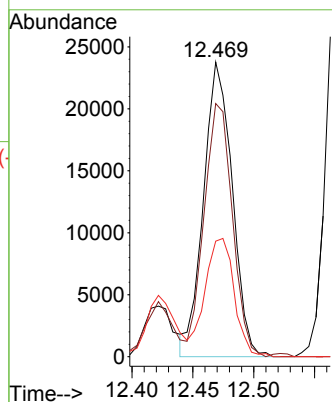
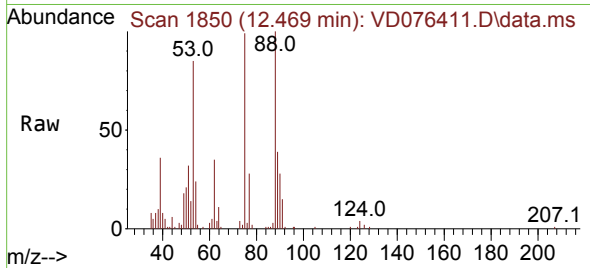




#81
trans-1,4-Dichloro-2-butene
Concen: 47.231 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

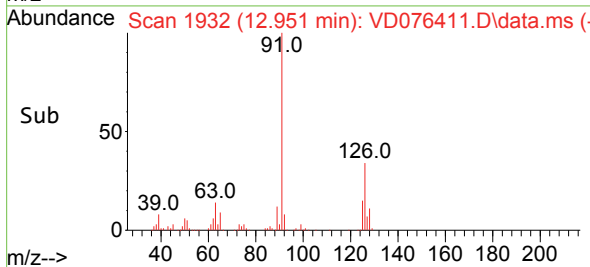
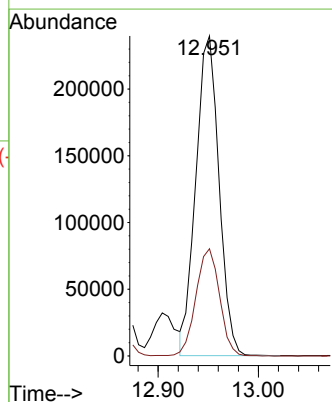
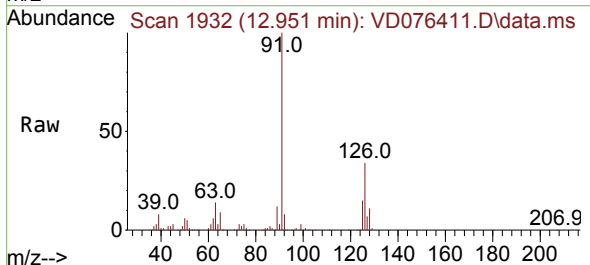
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

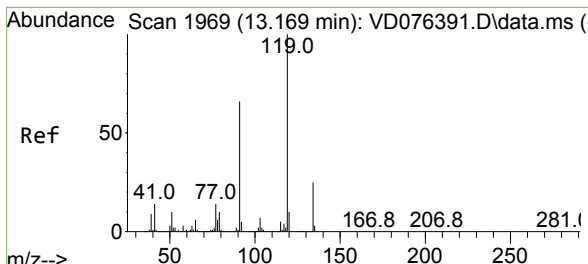
Tgt Ion: 75 Resp: 38996
Ion Ratio Lower Upper
75 100
53 84.3 63.0 94.4
89 41.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 44.533 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 91 Resp: 384662
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.4



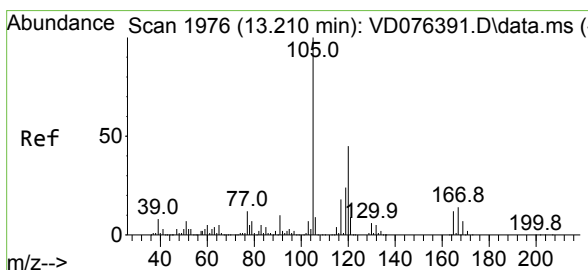
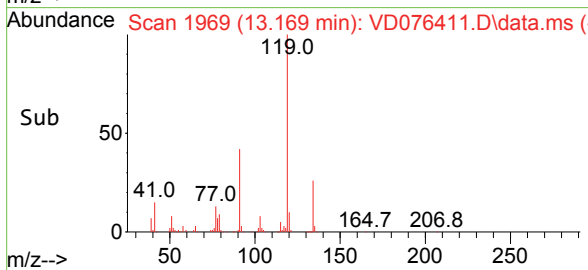
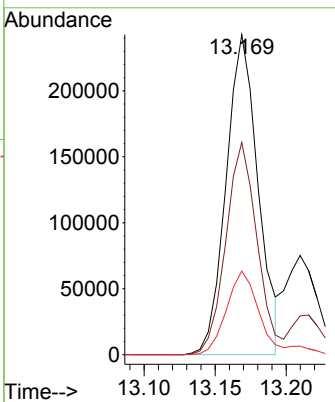
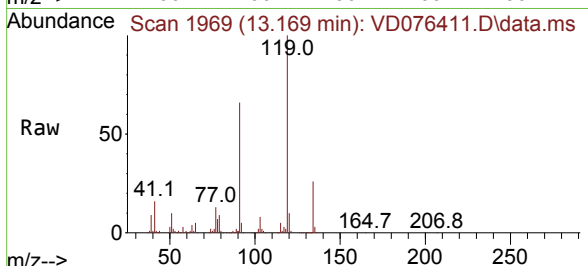


#83
 tert-Butylbenzene
 Concen: 44.321 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 379626

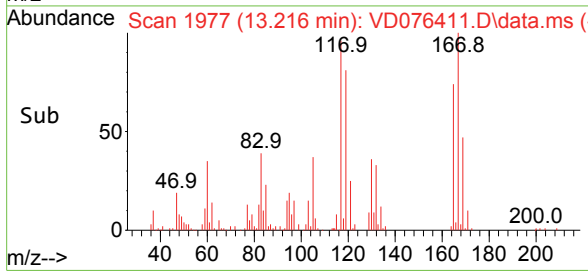
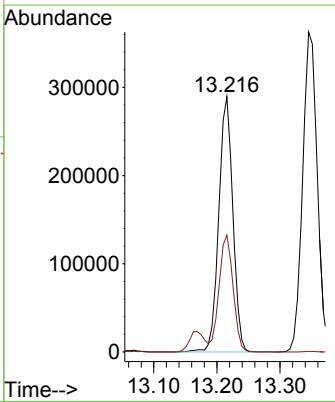
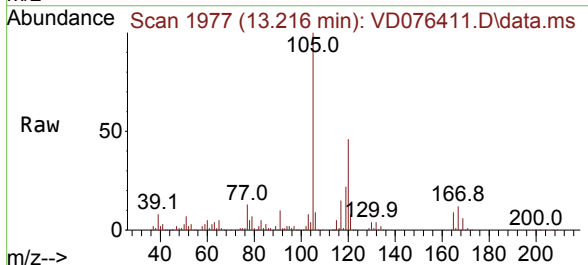
Ion	Ratio	Lower	Upper
119	100		
91	65.2	29.3	87.8
134	28.0	14.1	42.3

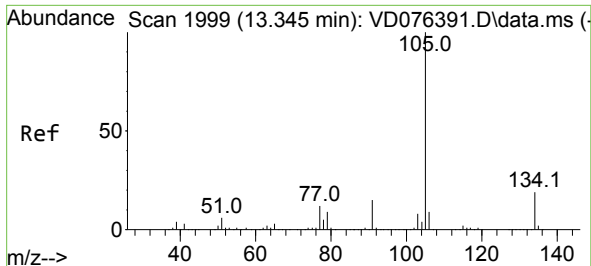


#84
 1,2,4-Trimethylbenzene
 Concen: 45.486 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

Tgt Ion:105 Resp: 448565

Ion	Ratio	Lower	Upper
105	100		
120	45.7	24.3	72.9

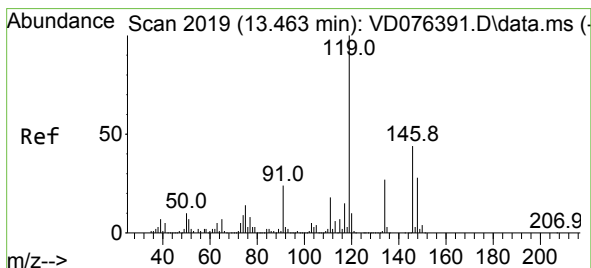
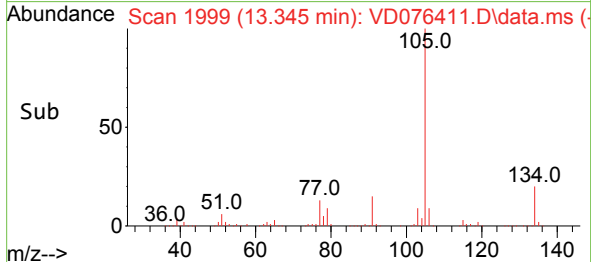
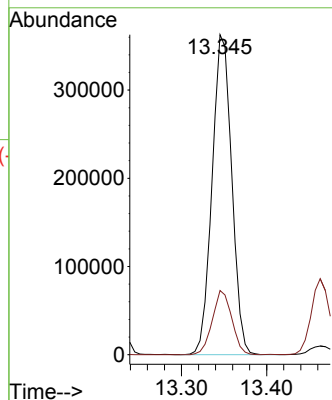
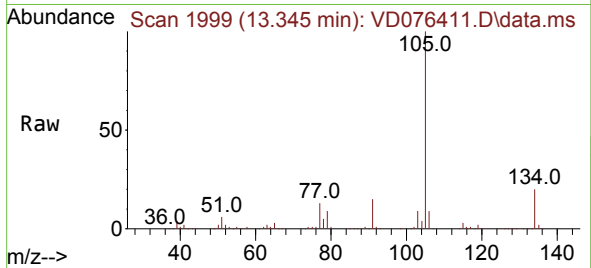




#85
 sec-Butylbenzene
 Concen: 46.055 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

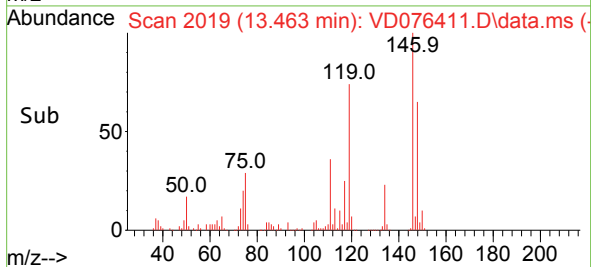
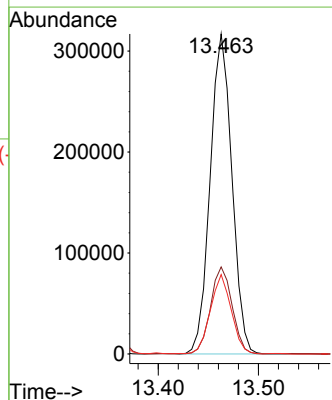
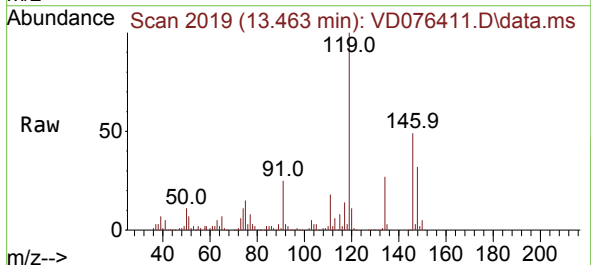
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

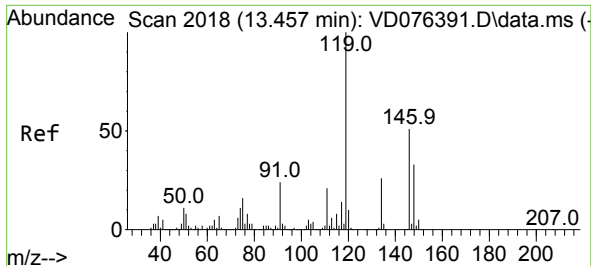
Tgt Ion:105 Resp: 580610
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 45.086 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

Tgt Ion:119 Resp: 478613
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 23.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 47.098 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

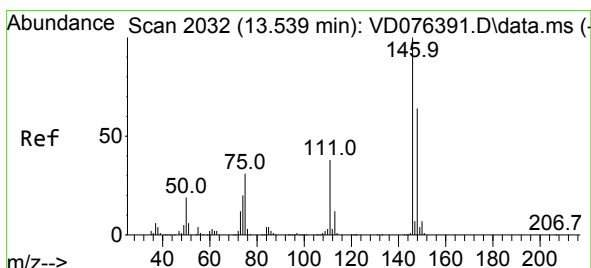
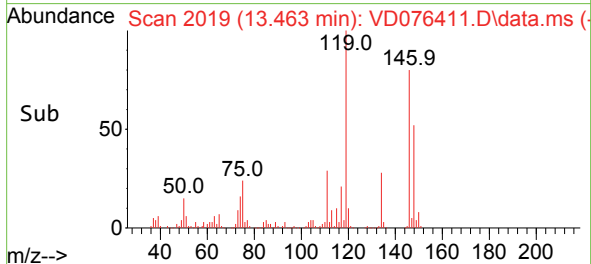
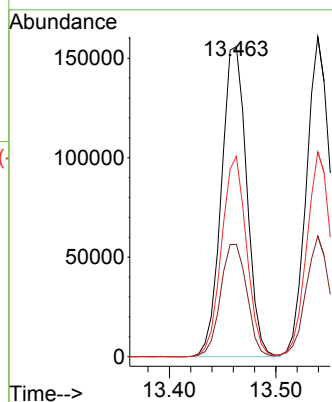
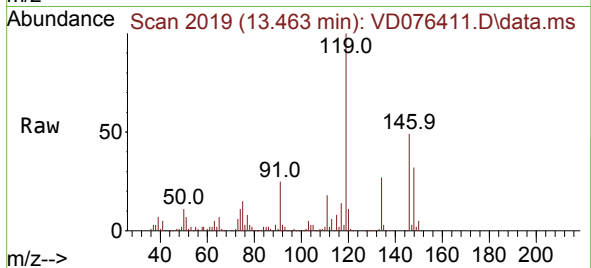
Tgt Ion:146 Resp: 257169

Ion Ratio Lower Upper

146 100

111 37.7 17.9 53.8

148 63.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 47.002 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

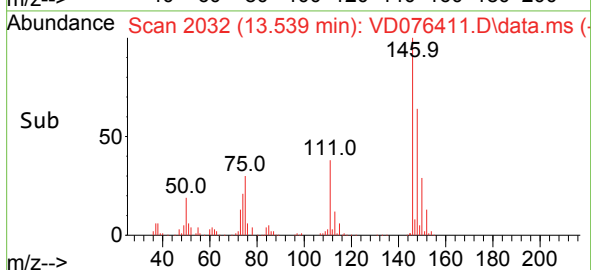
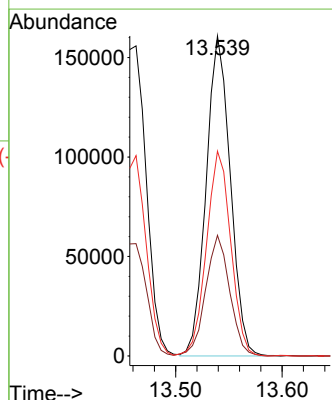
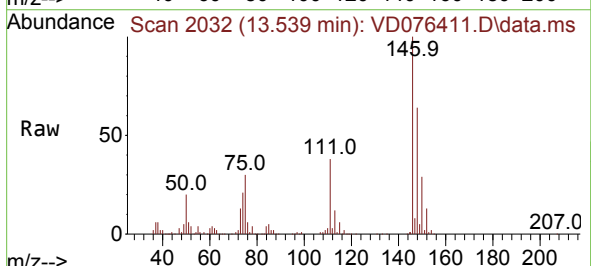
Tgt Ion:146 Resp: 253636

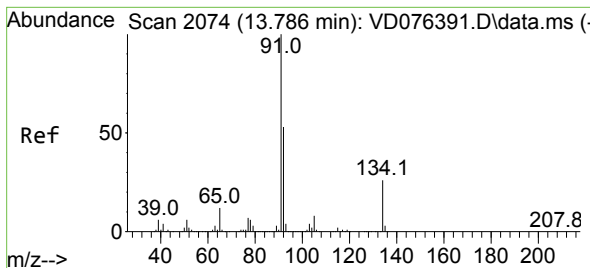
Ion Ratio Lower Upper

146 100

111 37.5 17.4 52.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 45.853 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

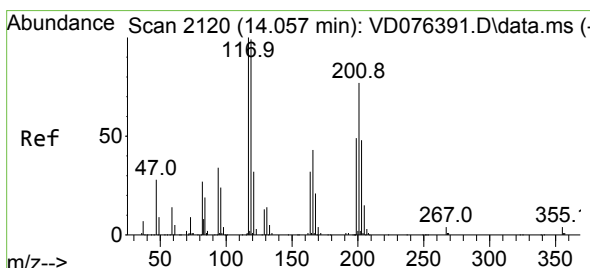
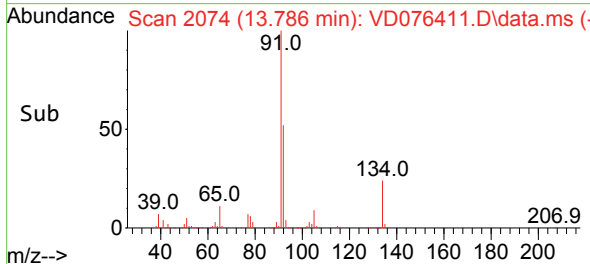
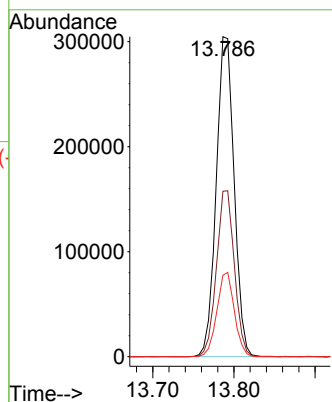
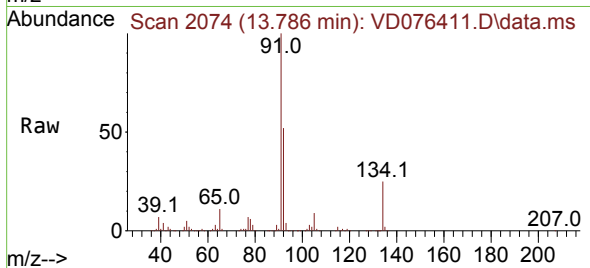
Tgt Ion: 91 Resp: 467671

Ion Ratio Lower Upper

91 100

92 52.0 26.5 79.5

134 25.7 13.8 41.3



#90

Hexachloroethane

Concen: 47.472 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD076411.D

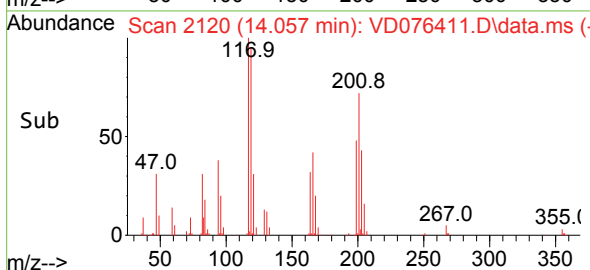
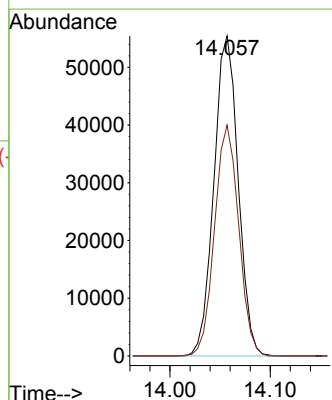
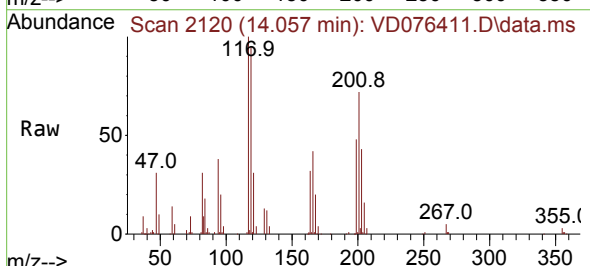
Acq: 14 Jun 2023 11:05

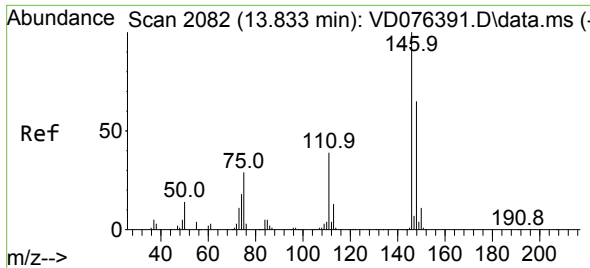
Tgt Ion: 117 Resp: 92997

Ion Ratio Lower Upper

117 100

201 71.8 38.5 115.5

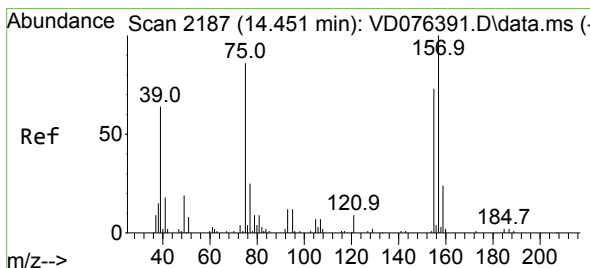
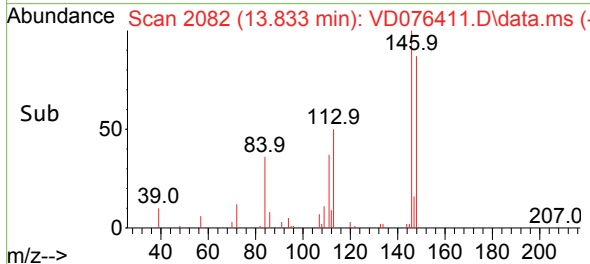
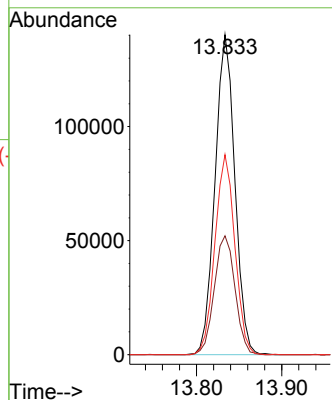
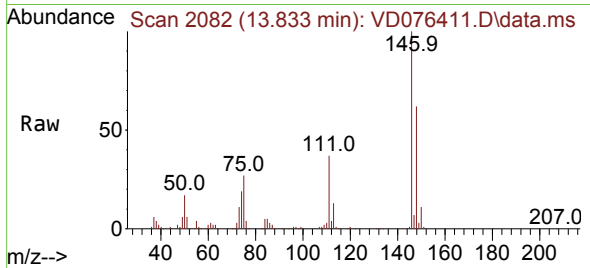




#91
1,2-Dichlorobenzene
Concen: 47.224 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

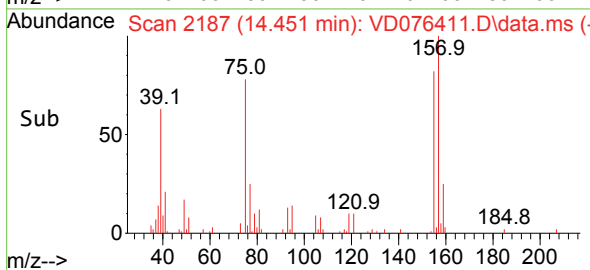
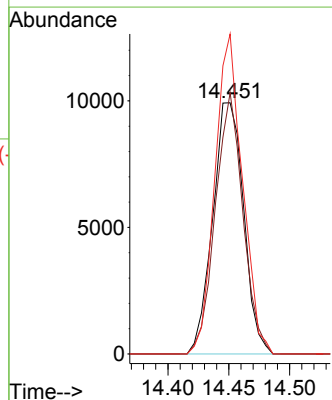
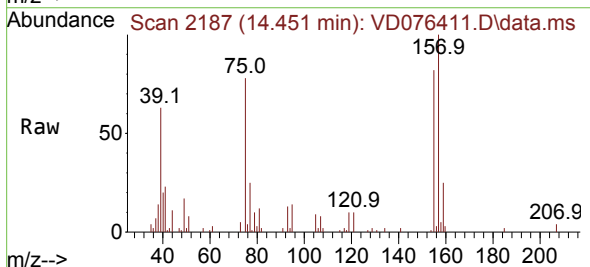
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

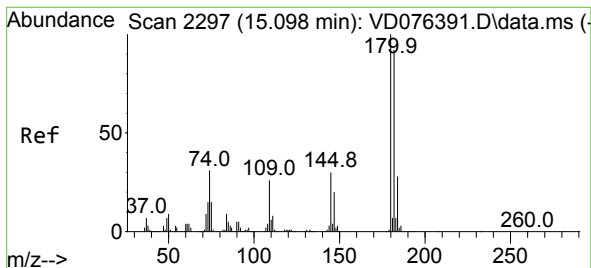
Tgt Ion:146 Resp: 226782
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 62.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.115 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 75 Resp: 17501
Ion Ratio Lower Upper
75 100
155 92.9 47.9 143.8
157 113.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 46.962 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

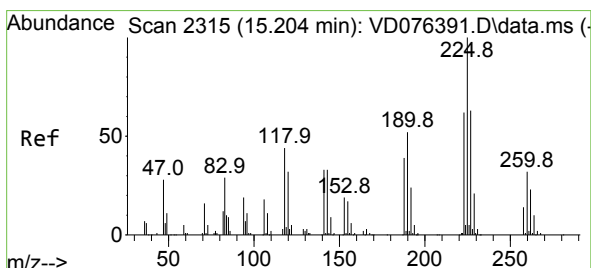
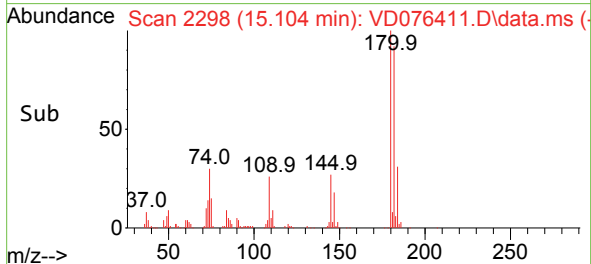
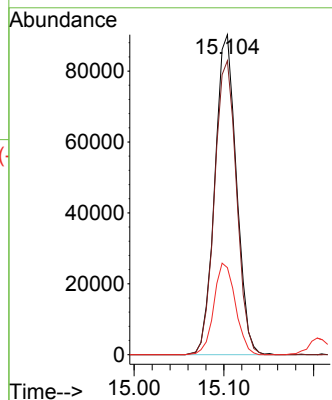
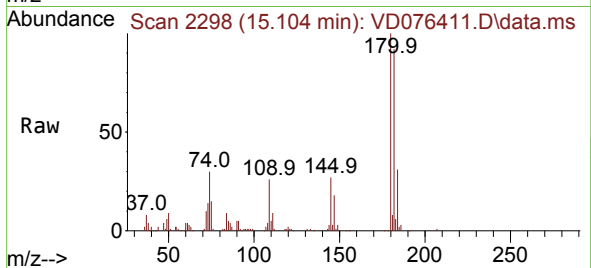
Tgt Ion:180 Resp: 150940

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.324 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

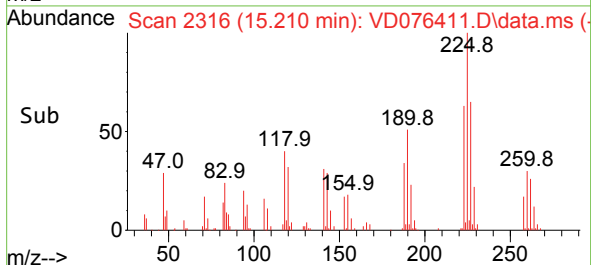
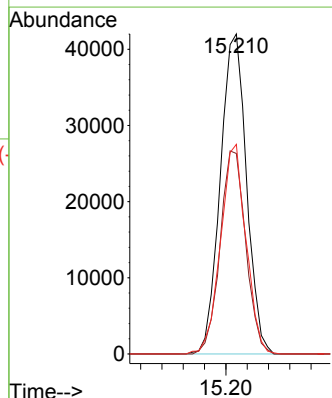
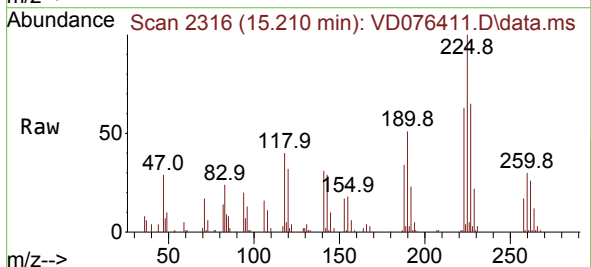
Tgt Ion:225 Resp: 71671

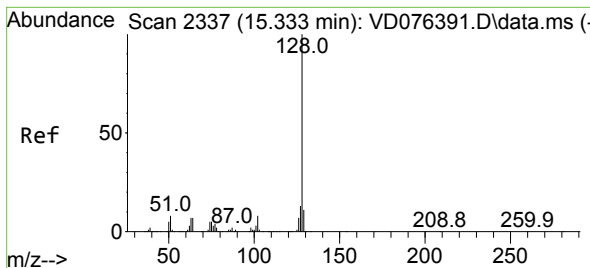
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.8

227 63.4 31.7 95.1





#95

Naphthalene

Concen: 47.151 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

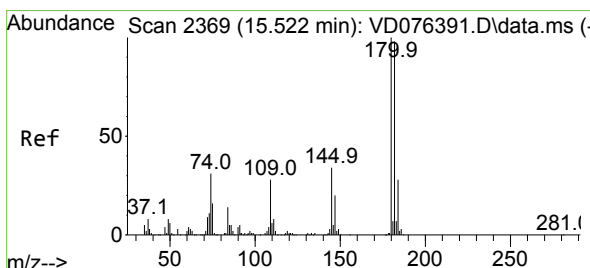
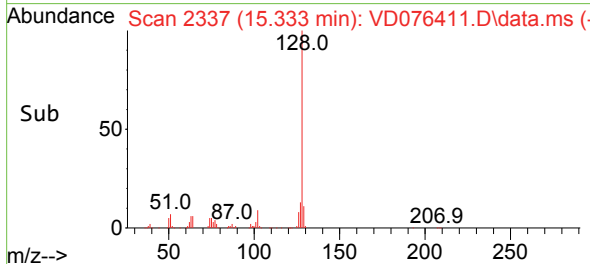
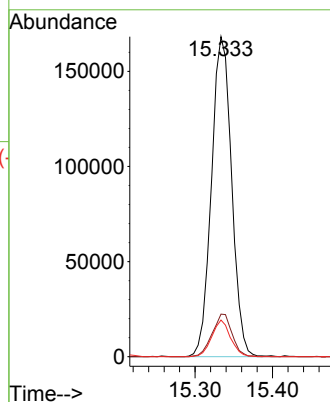
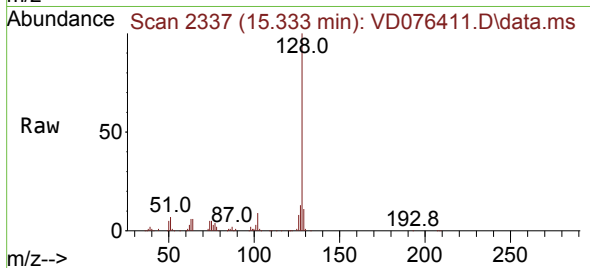
Tgt Ion:128 Resp: 304315

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.582 ug/l

RT: 15.527 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Tgt Ion:180 Resp: 132083

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.9

145 31.6 15.1 45.3

