

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076575.D
 Acq On : 26 Jun 2023 11:02
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 04:23:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	151075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	112905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74083	48.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.880%
35) Dibromofluoromethane	7.804	113	79361	53.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.269	98	280099	49.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.575	95	92938	51.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61502	53.575	ug/l	97
3) Chloromethane	2.146	50	105401	44.147	ug/l	98
4) Vinyl Chloride	2.281	62	125201	47.010	ug/l	98
5) Bromomethane	2.681	94	73749	42.588	ug/l	100
6) Chloroethane	2.828	64	87299	47.825	ug/l	99
7) Trichlorofluoromethane	3.169	101	122598	55.937	ug/l	99
8) Diethyl Ether	3.587	74	39043	47.333	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.958	101	74671	52.902	ug/l	97
10) Methyl Iodide	4.158	142	83034	49.619	ug/l #	90
11) Tert butyl alcohol	5.052	59	29411	225.047	ug/l	98
12) 1,1-Dichloroethene	3.934	96	69159	50.028	ug/l #	83
13) Acrolein	3.793	56	32229	228.956	ug/l	95
14) Allyl chloride	4.558	41	121544	48.077	ug/l #	86
15) Acrylonitrile	5.246	53	103014	242.871	ug/l	97
16) Acetone	4.022	43	105778	293.674	ug/l #	81
17) Carbon Disulfide	4.263	76	172652	45.710	ug/l	97
18) Methyl Acetate	4.558	43	76279	45.953	ug/l #	83
19) Methyl tert-butyl Ether	5.310	73	187764	49.655	ug/l	99
20) Methylene Chloride	4.787	84	87111	41.887	ug/l #	83
21) trans-1,2-Dichloroethene	5.310	96	80239	50.219	ug/l	90
22) Diisopropyl ether	6.216	45	261906	47.910	ug/l #	90
23) Vinyl Acetate	6.152	43	553333	204.208	ug/l #	87
24) 1,1-Dichloroethane	6.104	63	153612	50.322	ug/l	96
25) 2-Butanone	7.075	43	142675	256.102	ug/l #	82
26) 2,2-Dichloropropane	7.069	77	135555	51.506	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	95484	49.378	ug/l	86
28) Bromochloromethane	7.422	49	40103	45.413	ug/l #	73
29) Tetrahydrofuran	7.440	42	85552	238.957	ug/l #	78
30) Chloroform	7.587	83	157144	51.990	ug/l	95
31) Cyclohexane	7.875	56	115400	49.207	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	136486	55.861	ug/l	98
36) 1,1-Dichloropropene	8.004	75	111264	53.692	ug/l	97
37) Ethyl Acetate	7.163	43	58310	48.559	ug/l #	91
38) Carbon Tetrachloride	7.987	117	112659	60.825	ug/l	92
39) Methylcyclohexane	9.269	83	127802	52.554	ug/l	90
40) Benzene	8.246	78	327641	51.847	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	35143	51.828	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	95606	55.990	ug/l	93
43) Isopropyl Acetate	8.357	43	115244	50.693	ug/l #	85
44) Trichloroethene	9.028	130	91720	53.804	ug/l	93
45) 1,2-Dichloropropane	9.304	63	89685	52.343	ug/l	97
46) Dibromomethane	9.393	93	49300	53.711	ug/l	95
47) Bromodichloromethane	9.581	83	119032	54.192	ug/l	94
48) Methyl methacrylate	9.381	41	54641	52.440	ug/l #	70
49) 1,4-Dioxane	9.387	88	12084	1098.807	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	306340	263.613	ug/l #	85
52) Toluene	10.334	92	211243	53.269	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	120184	53.922	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	138004	52.225	ug/l #	80
55) 1,1,2-Trichloroethane	10.734	97	67258	52.385	ug/l	93
56) Ethyl methacrylate	10.598	69	89205	53.212	ug/l #	74
57) 1,3-Dichloropropane	10.881	76	114562	52.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	161916	227.817	ug/l	95
59) 2-Hexanone	10.922	43	226831	280.610	ug/l	84
60) Dibromochloromethane	11.075	129	84642	56.648	ug/l	96
61) 1,2-Dibromoethane	11.181	107	65938	54.709	ug/l	98
64) Tetrachloroethene	10.810	164	77601	57.588	ug/l	89
65) Chlorobenzene	11.610	112	229539	53.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	86355	56.617	ug/l	96
67) Ethyl Benzene	11.681	91	414839	54.895	ug/l	94
68) m/p-Xylenes	11.792	106	320670	108.703	ug/l	90
69) o-Xylene	12.122	106	152715	54.384	ug/l	93
70) Styrene	12.134	104	264084	54.441	ug/l	95
71) Bromoform	12.298	173	54551	59.567	ug/l #	96
73) Isopropylbenzene	12.422	105	408736	53.769	ug/l	96
74) N-amyl acetate	12.234	43	110177	49.509	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	83651	53.328	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	101781	90.831	ug/l #	100
77) Bromobenzene	12.704	156	94558	50.420	ug/l	88
78) n-propylbenzene	12.763	91	498421	53.102	ug/l	97
79) 2-Chlorotoluene	12.851	91	265647	51.540	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	334709	53.917	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	26654	52.121	ug/l	90
82) 4-Chlorotoluene	12.951	91	281336	52.559	ug/l	94
83) tert-Butylbenzene	13.169	119	298664	54.145	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	335970	53.704	ug/l	95
85) sec-Butylbenzene	13.345	105	455527	55.650	ug/l	96
86) p-Isopropyltoluene	13.463	119	375829	54.948	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	194658	52.841	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	191963	52.249	ug/l	98
89) n-Butylbenzene	13.786	91	361805	54.233	ug/l	99
90) Hexachloroethane	14.057	117	69246	54.861	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	167698	52.096	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11971	50.702	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	114864	53.541	ug/l	99
94) Hexachlorobutadiene	15.204	225	62224	59.659	ug/l	99
95) Naphthalene	15.333	128	224976	52.442	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	102879	55.041	ug/l	99

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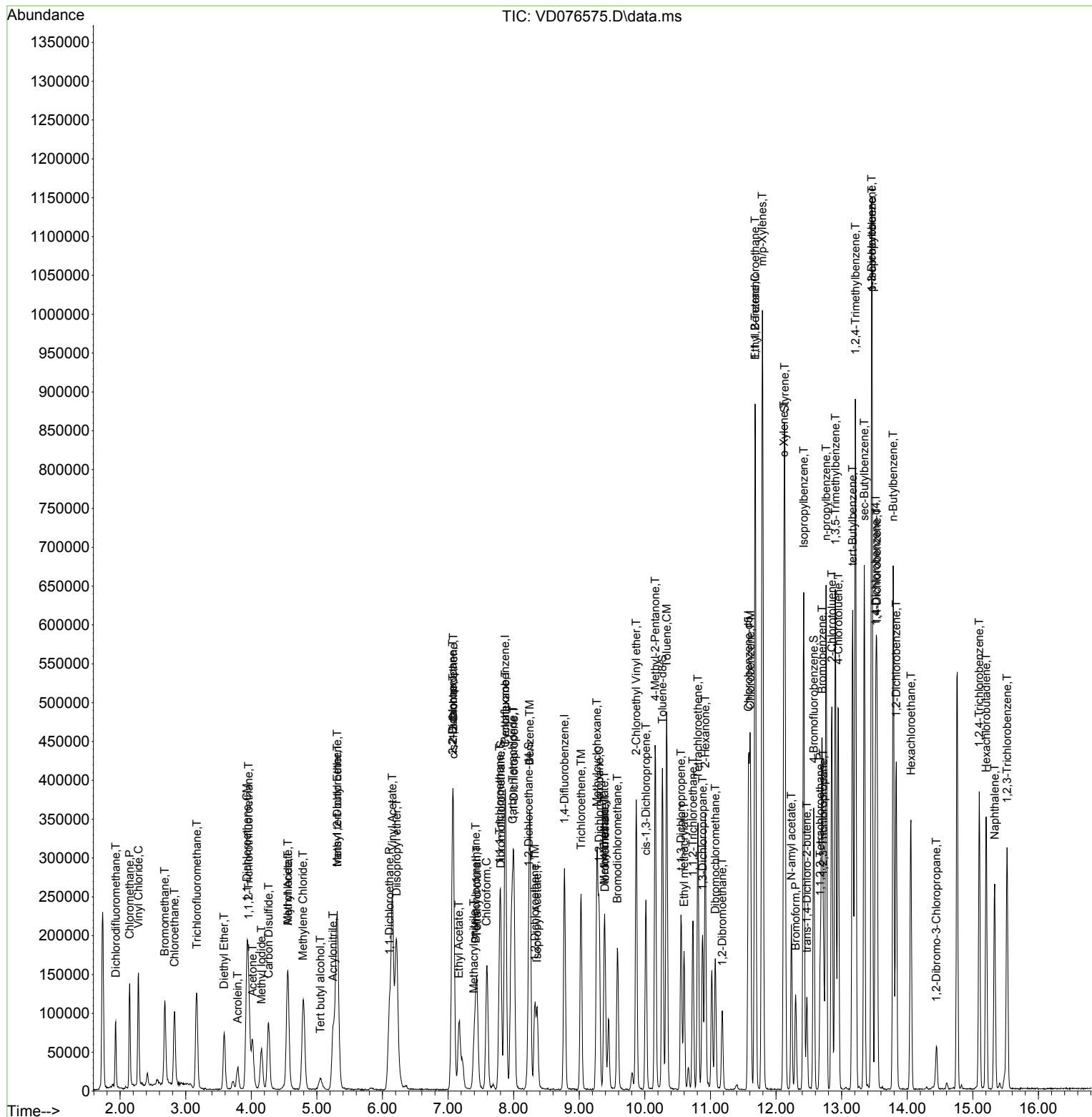
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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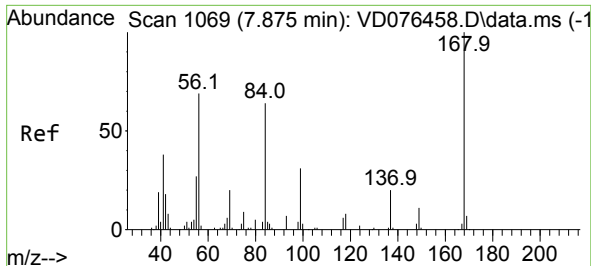
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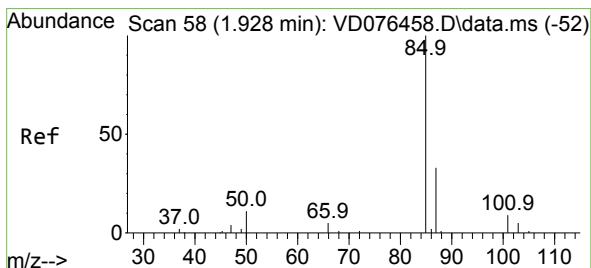
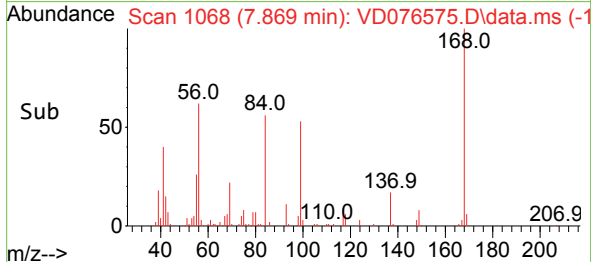
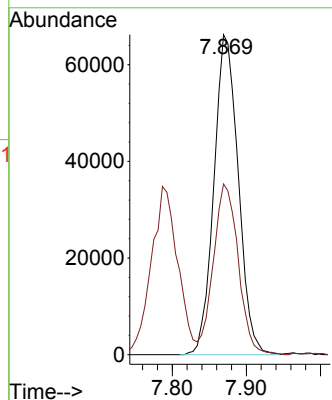
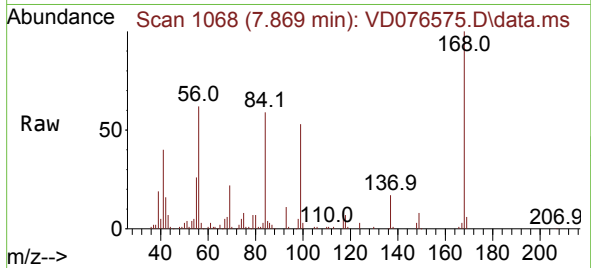




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076575.D
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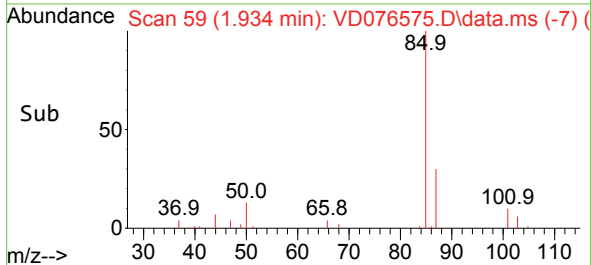
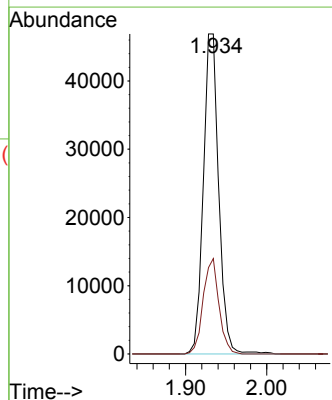
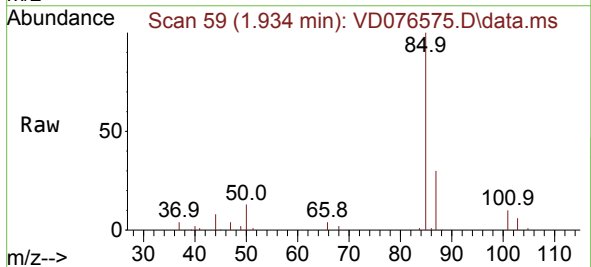
Instrument :
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ClientSampleId :
VSTDCCC050

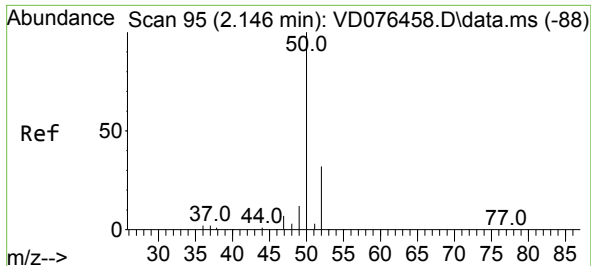
Tgt Ion:168 Resp: 151075
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 53.575 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 85 Resp: 61502
Ion Ratio Lower Upper
85 100
87 29.8 15.7 47.0

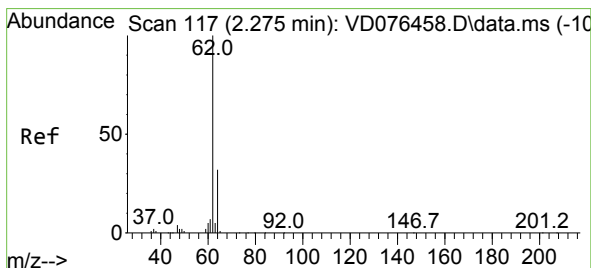
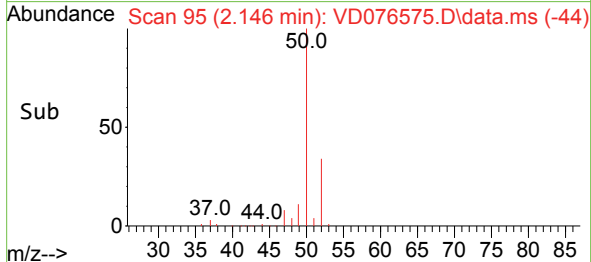
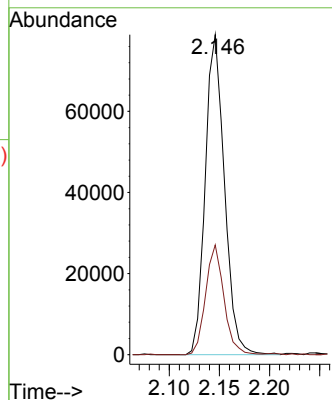
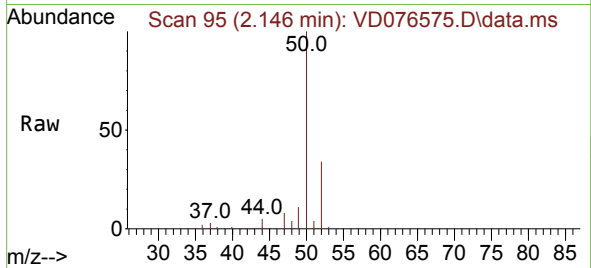




#3
Chloromethane
Concen: 44.147 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

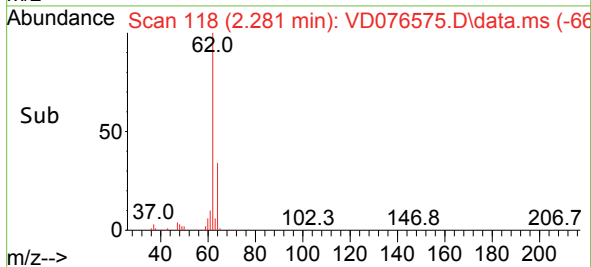
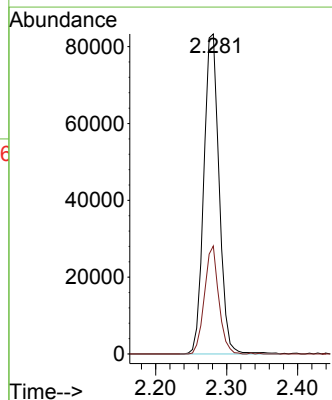
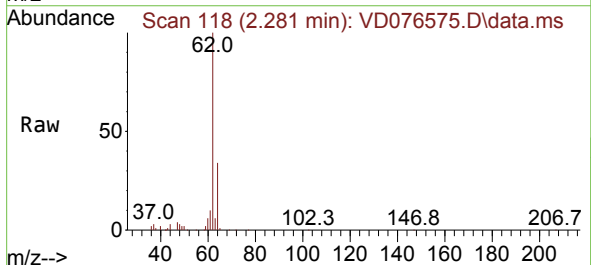
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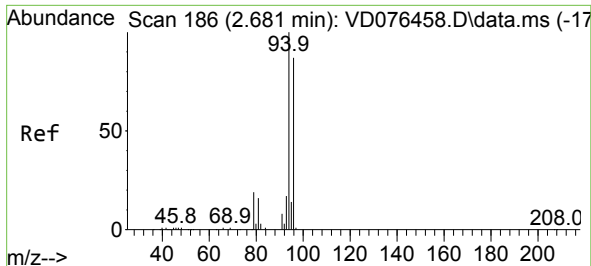
Tgt Ion: 50 Resp: 105401
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0



#4
Vinyl Chloride
Concen: 47.010 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 62 Resp: 125201
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0

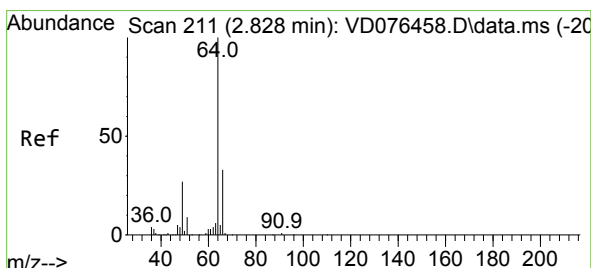
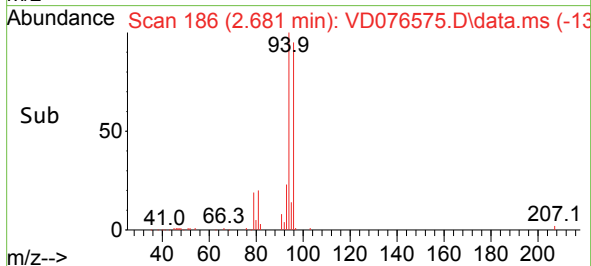
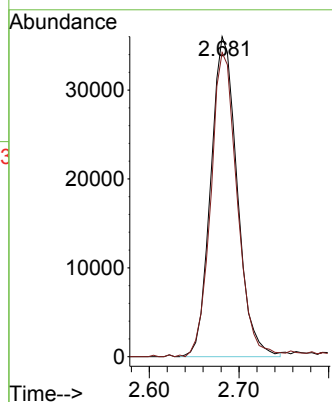
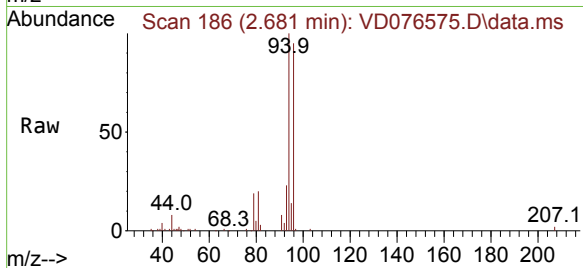




#5
Bromomethane
Concen: 42.588 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.000 min
Lab File: VD076575.D
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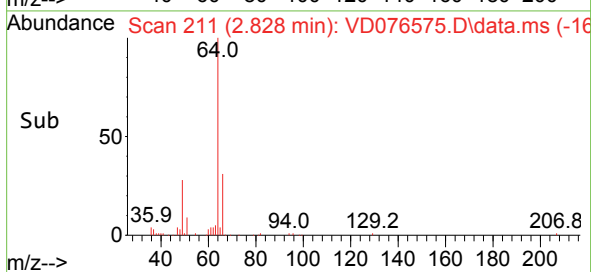
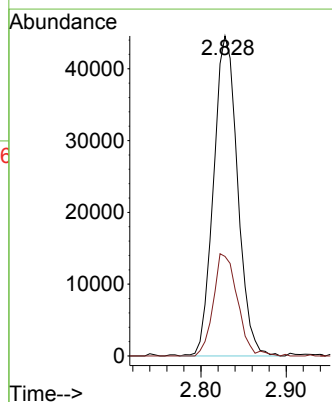
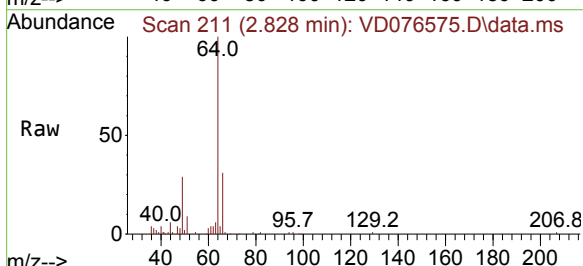
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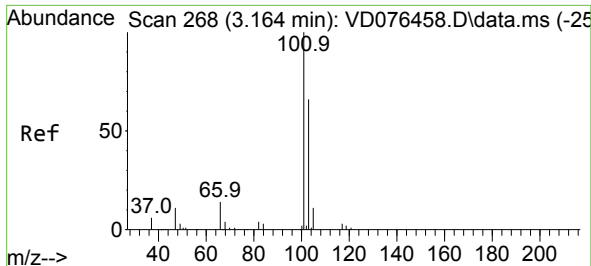
Tgt Ion: 94 Resp: 73749
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8



#6
Chloroethane
Concen: 47.825 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076575.D
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Tgt Ion: 64 Resp: 87299
Ion Ratio Lower Upper
64 100
66 31.1 25.5 38.3

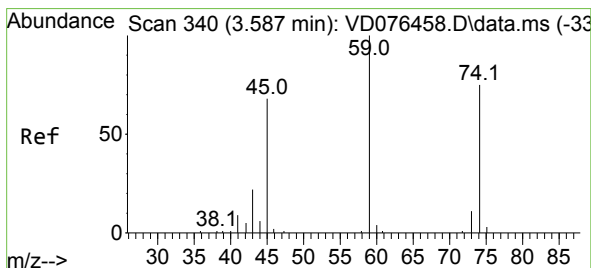
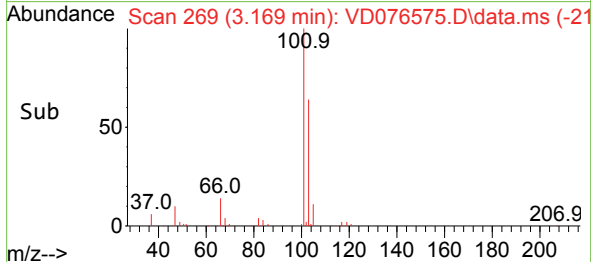
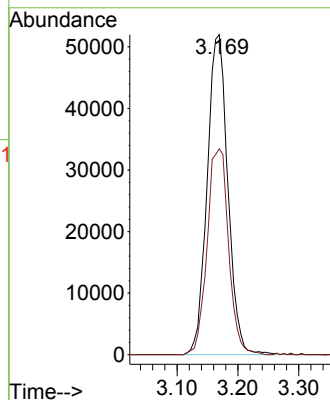
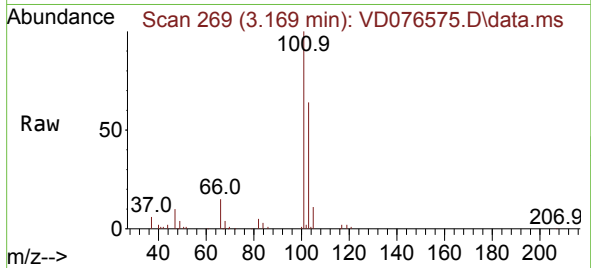




#7
 Trichlorofluoromethane
 Concen: 55.937 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076575.D
 Acq: 26 Jun 2023 11:02

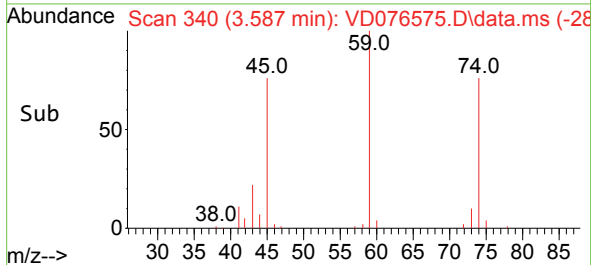
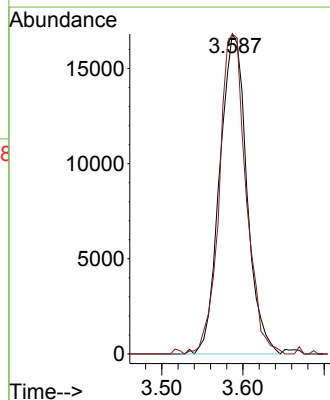
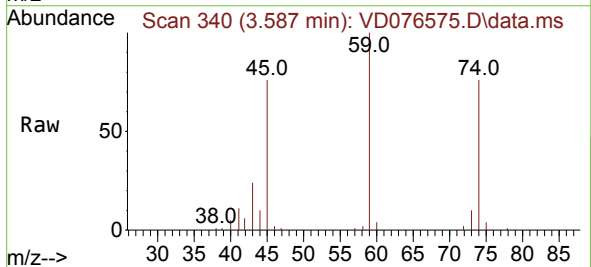
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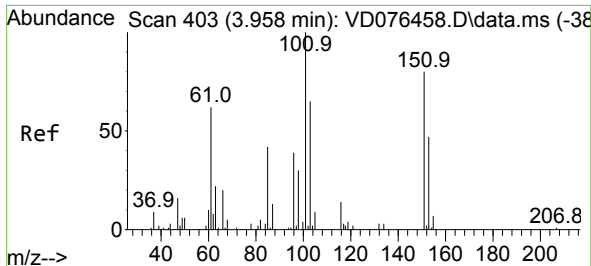
Tgt Ion:101 Resp: 122598
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 47.333 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VD076575.D
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Tgt Ion: 74 Resp: 39043
 Ion Ratio Lower Upper
 74 100
 45 98.7 37.5 112.7

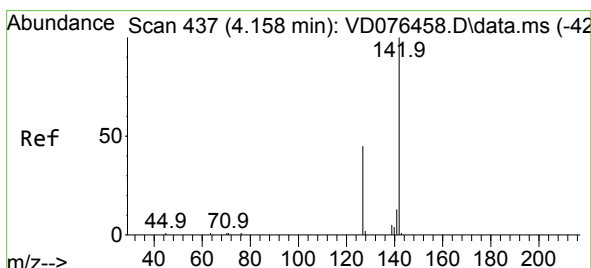
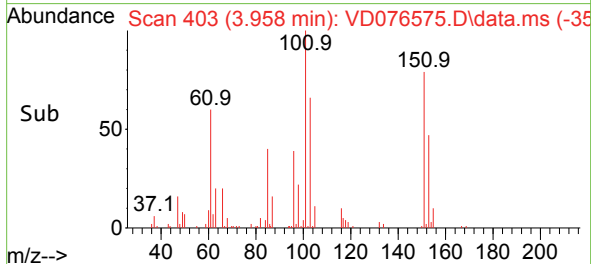
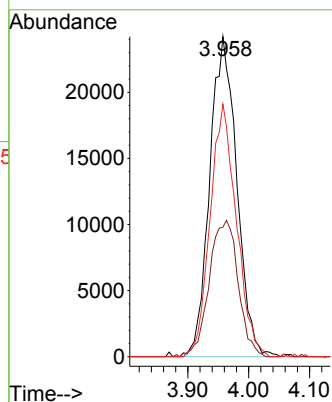
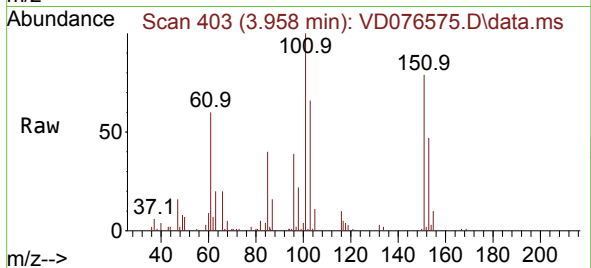




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.902 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

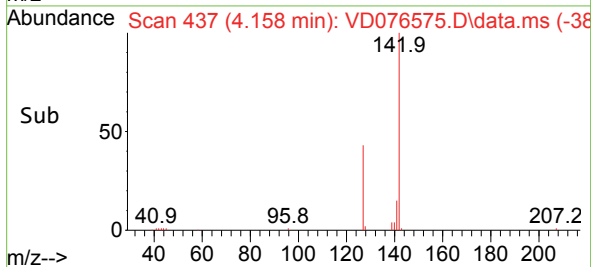
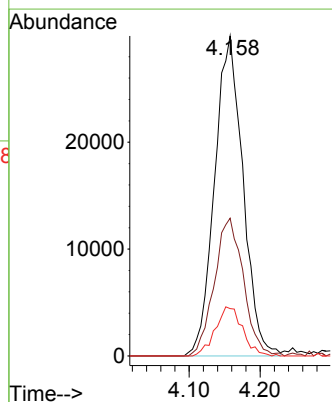
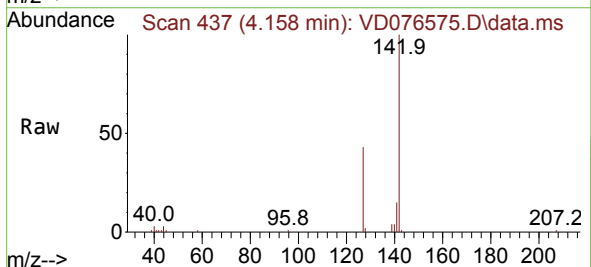
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

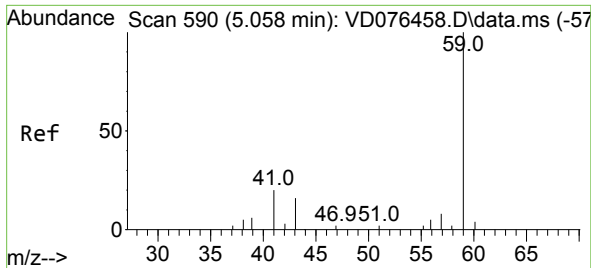
Tgt Ion:101 Resp: 74671
Ion Ratio Lower Upper
101 100
85 45.4 33.8 50.6
151 76.6 59.8 89.6



#10
Methyl Iodide
Concen: 49.619 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion:142 Resp: 83034
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 14.8 11.1 16.7

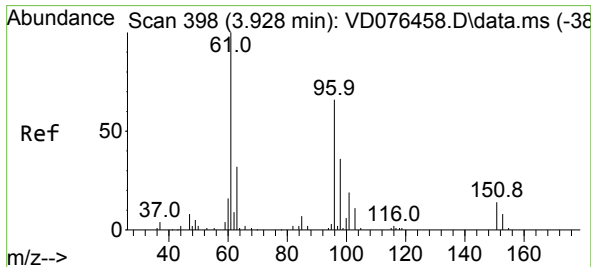
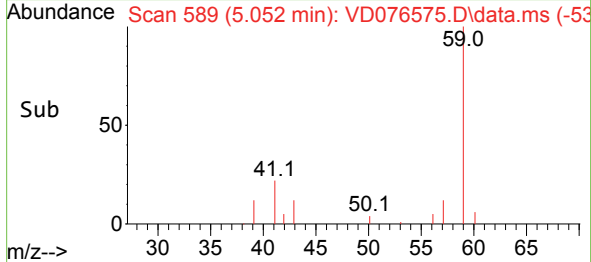
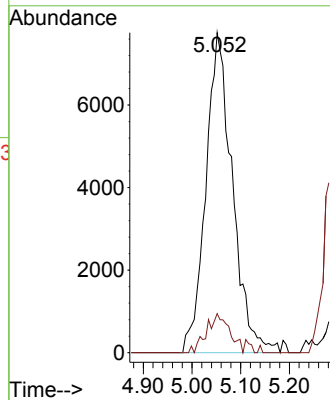
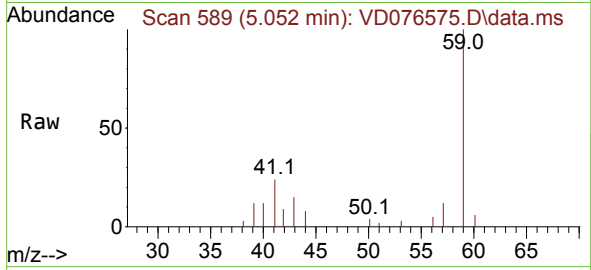




#11
Tert butyl alcohol
Concen: 225.047 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

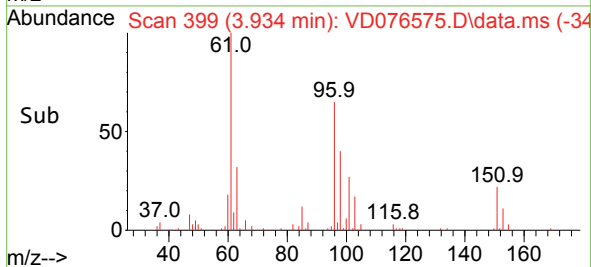
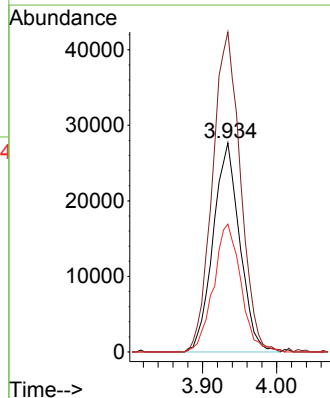
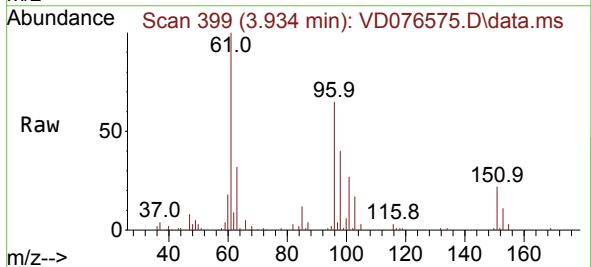
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

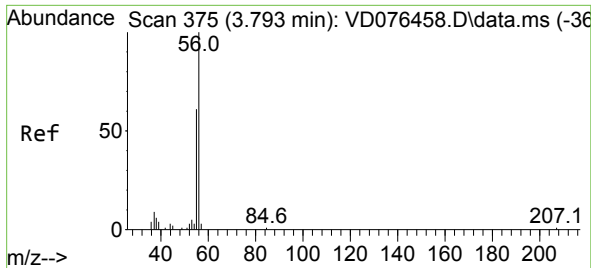
Tgt Ion: 59 Resp: 29411
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.028 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 96 Resp: 69159
Ion Ratio Lower Upper
96 100
61 153.1 100.6 150.8#
98 61.1 50.2 75.2

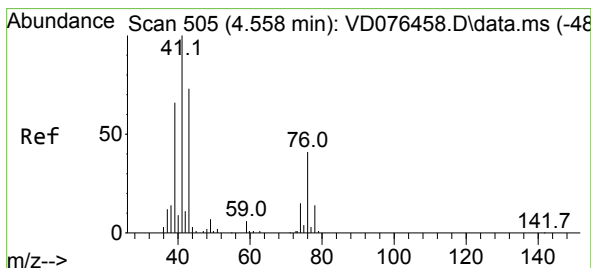
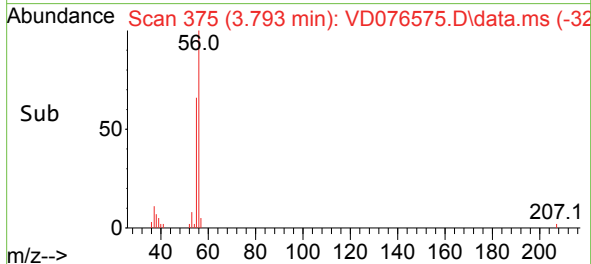
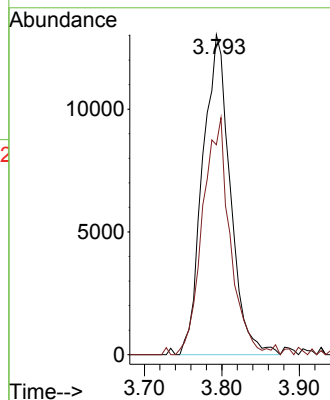
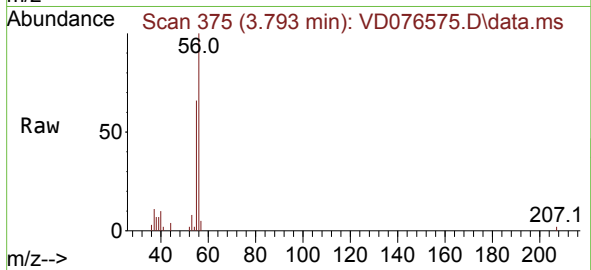




#13
Acrolein
Concen: 228.956 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

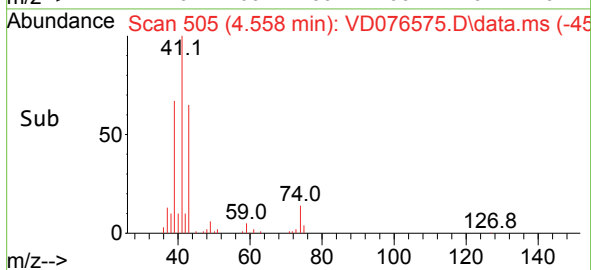
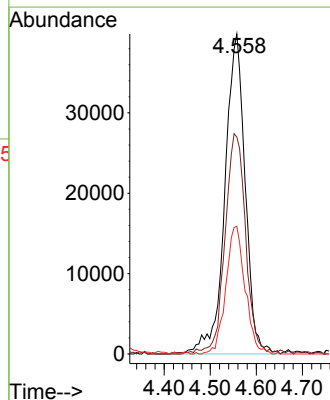
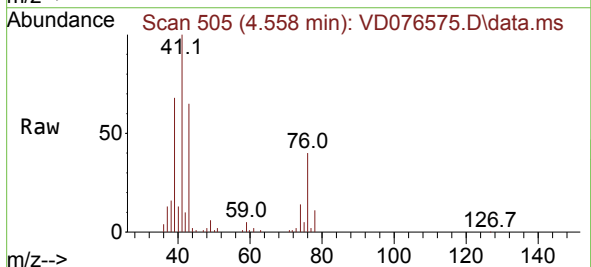
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

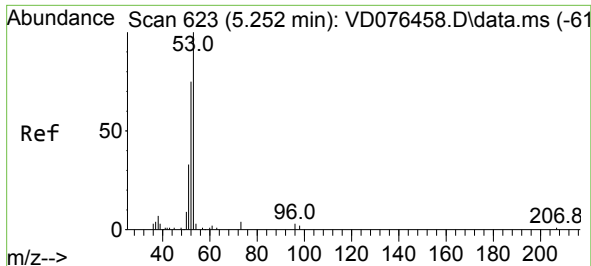
Tgt Ion: 56 Resp: 32229
Ion Ratio Lower Upper
56 100
55 73.2 55.1 82.7



#14
Allyl chloride
Concen: 48.077 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 41 Resp: 121544
Ion Ratio Lower Upper
41 100
39 70.6 53.8 80.6
76 37.9 45.8 68.8#

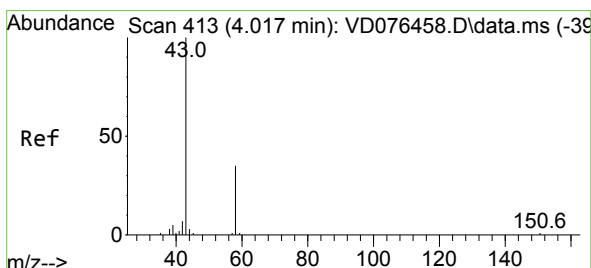
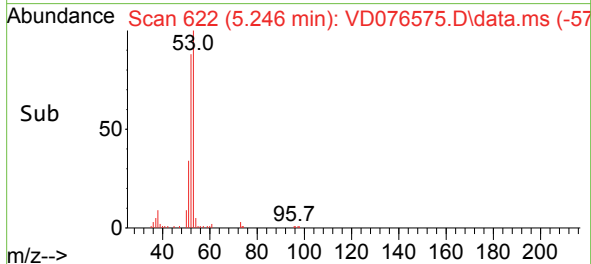
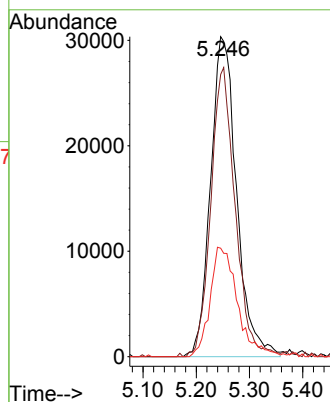
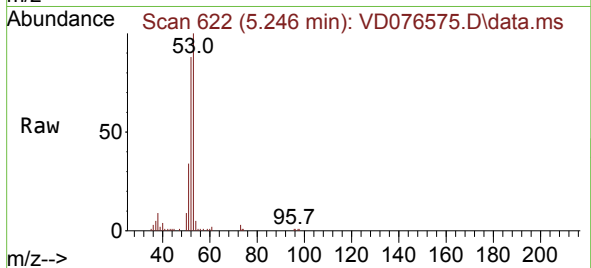




#15
Acrylonitrile
Concen: 242.871 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

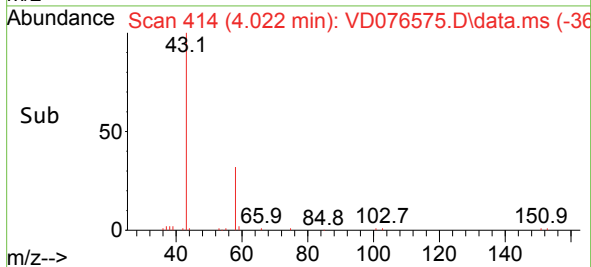
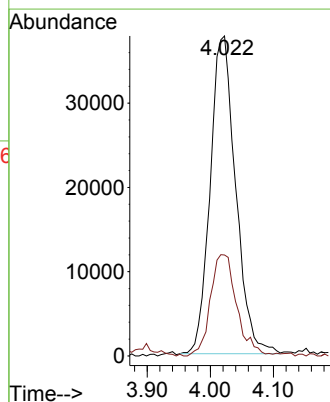
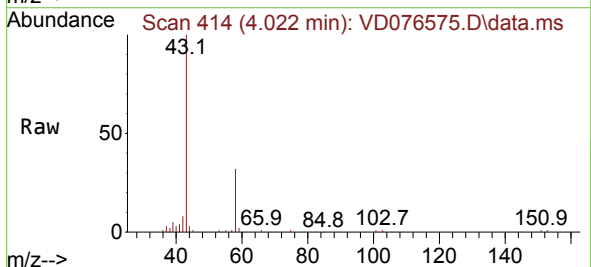
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

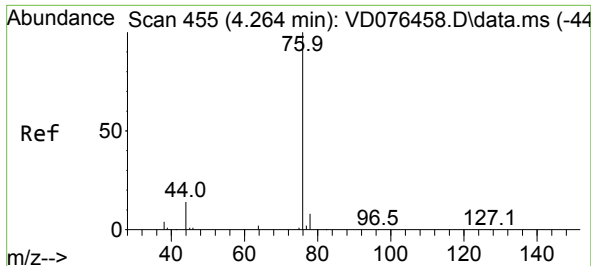
Tgt Ion: 53 Resp: 103014
Ion Ratio Lower Upper
53 100
52 84.3 65.0 97.4
51 36.1 28.3 42.5



#16
Acetone
Concen: 293.674 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 43 Resp: 105778
Ion Ratio Lower Upper
43 100
58 31.2 34.7 52.1#

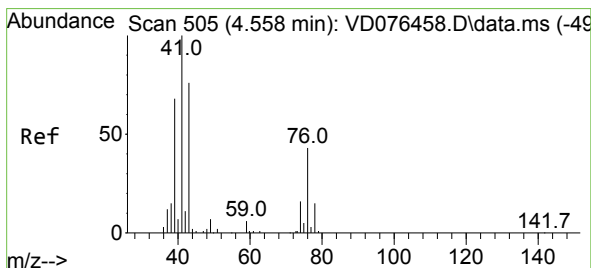
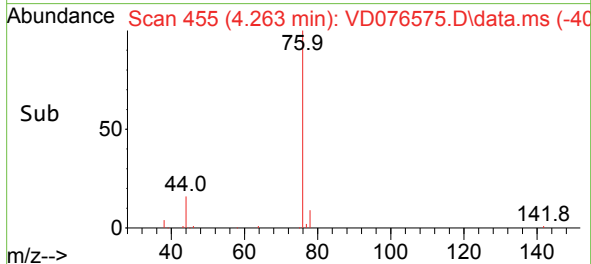
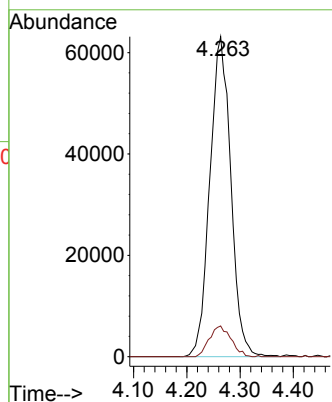
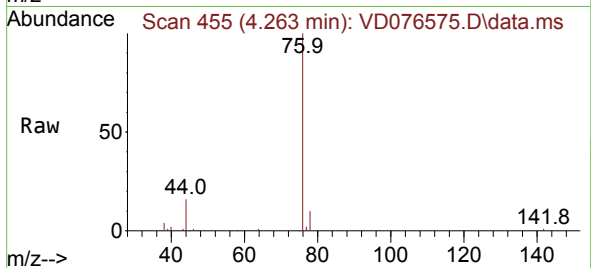




#17
Carbon Disulfide
Concen: 45.710 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

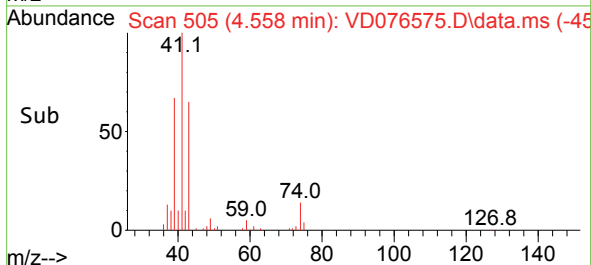
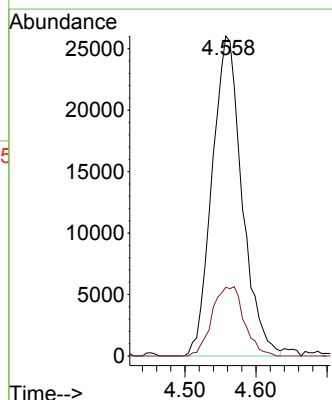
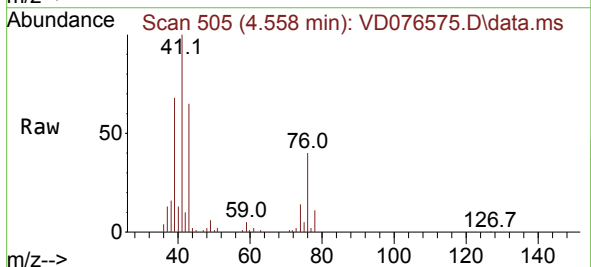
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

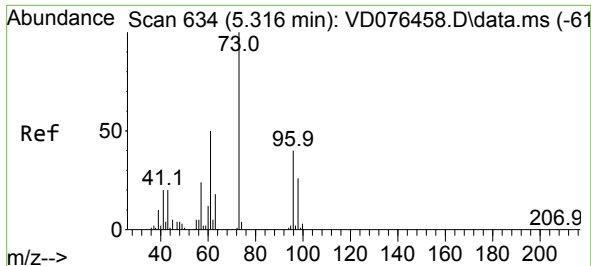
Tgt Ion: 76 Resp: 172652
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 45.953 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 43 Resp: 76279
Ion Ratio Lower Upper
43 100
74 23.1 26.4 39.6#

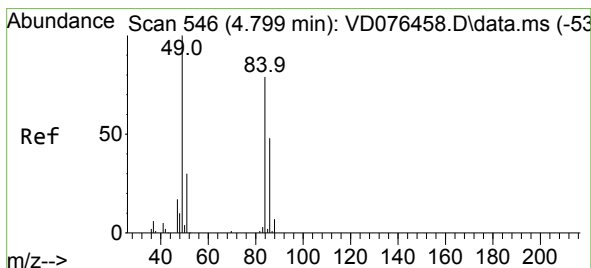
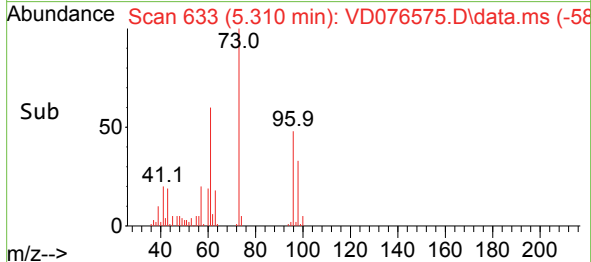
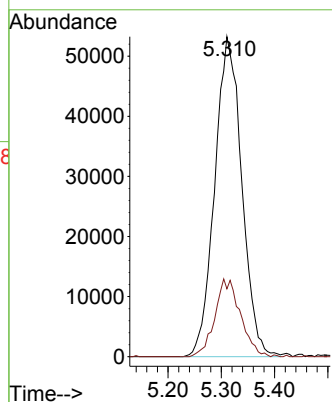
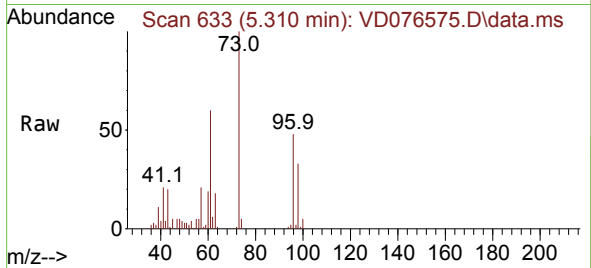




#19
Methyl tert-butyl Ether
Concen: 49.655 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

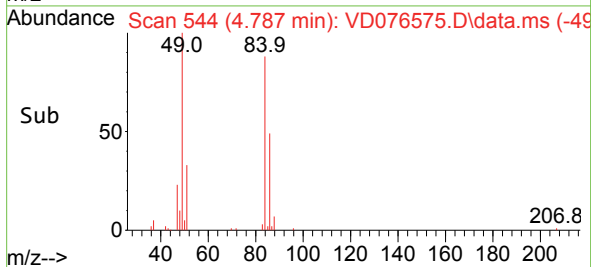
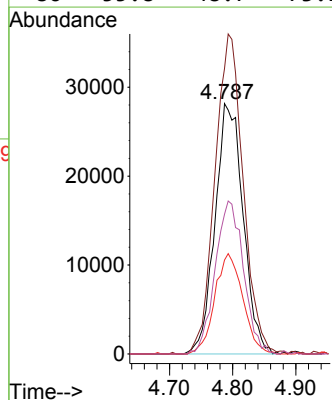
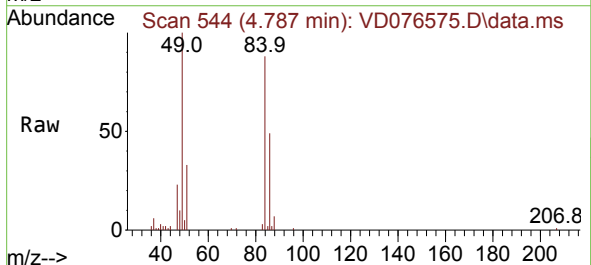
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

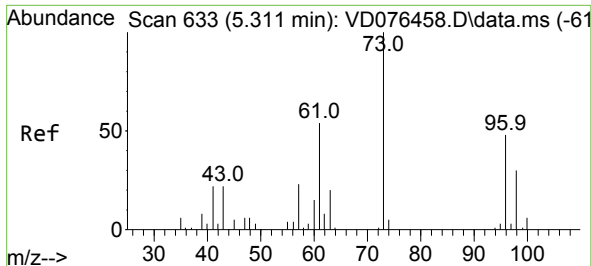
Tgt Ion: 73 Resp: 187764
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0



#20
Methylene Chloride
Concen: 41.887 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 84 Resp: 87111
Ion Ratio Lower Upper
84 100
49 114.0 71.4 107.2#
51 37.5 24.5 36.7#
86 55.8 48.7 73.1

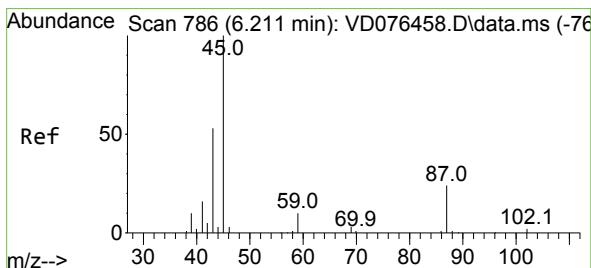
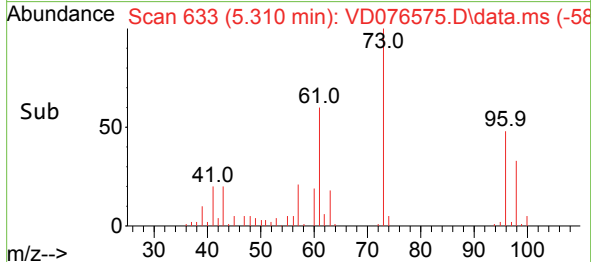
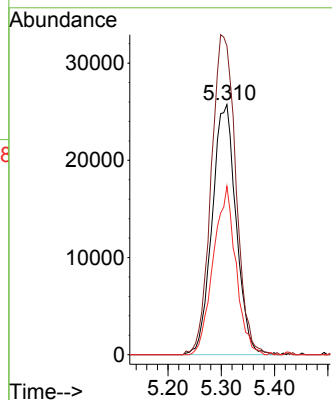
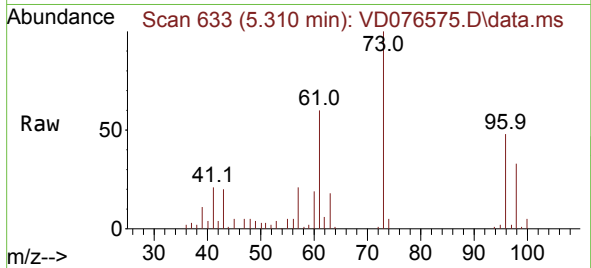




#21
trans-1,2-Dichloroethene
Concen: 50.219 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

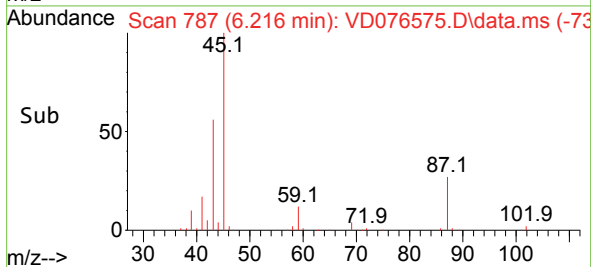
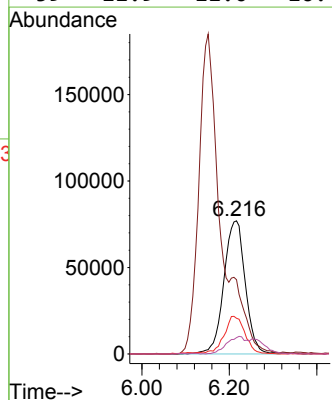
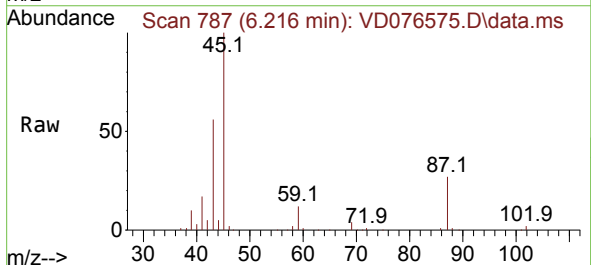
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

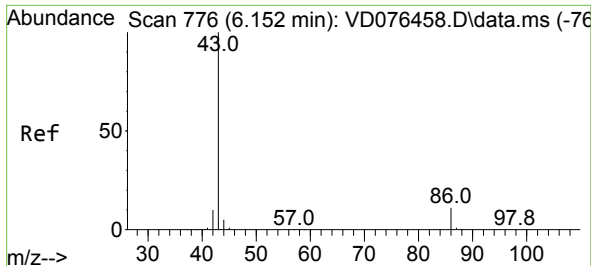
Tgt Ion: 96 Resp: 80239
Ion Ratio Lower Upper
96 100
61 123.5 89.3 133.9
98 67.3 48.6 73.0



#22
Diisopropyl ether
Concen: 47.910 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 45 Resp: 261906
Ion Ratio Lower Upper
45 100
43 55.3 40.0 60.0
87 26.8 28.2 42.4#
59 11.9 11.0 16.4

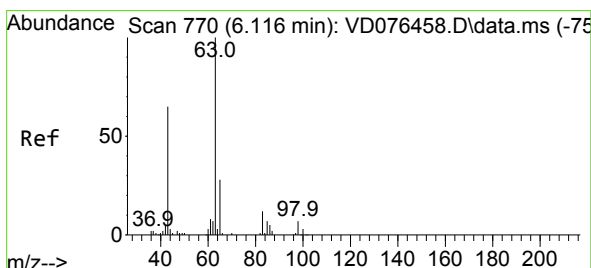
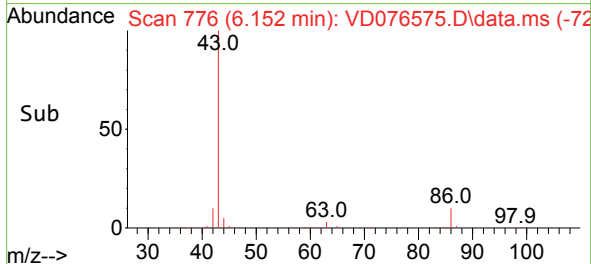
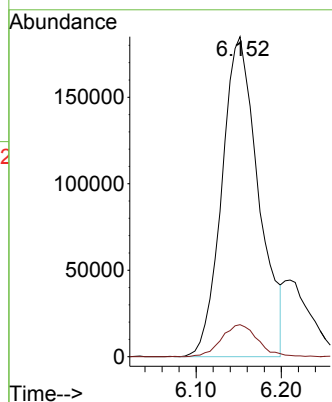
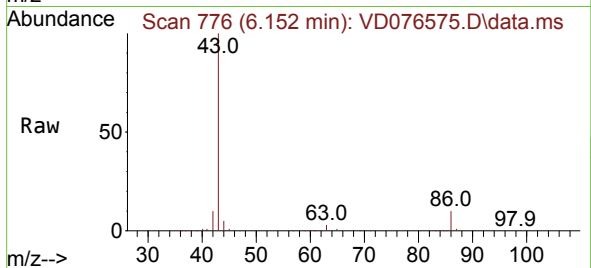




#23
 Vinyl Acetate
 Concen: 204.208 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076575.D
 Acq: 26 Jun 2023 11:02

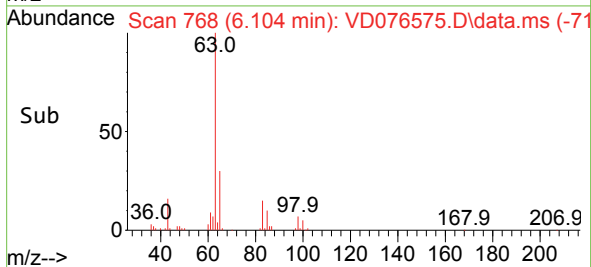
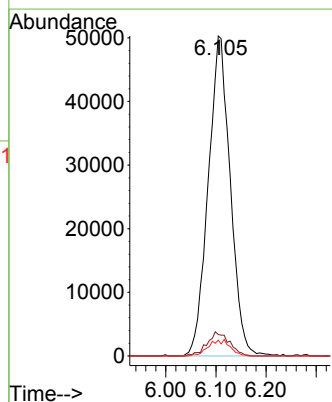
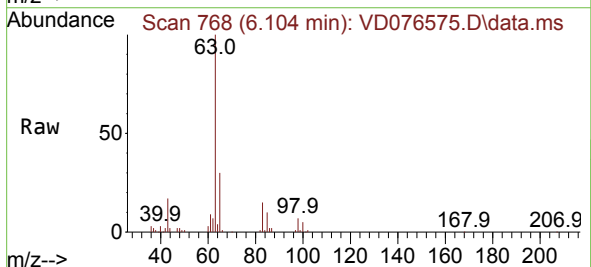
Instrument :
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 ClientSampleId :
 VSTDCCC050

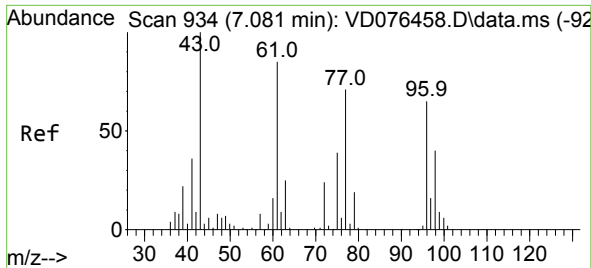
Tgt Ion: 43 Resp: 553333
 Ion Ratio Lower Upper
 43 100
 86 10.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 50.322 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076575.D
 Acq: 26 Jun 2023 11:02

Tgt Ion: 63 Resp: 153612
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.5 13.7
 100 5.0 2.5 7.5

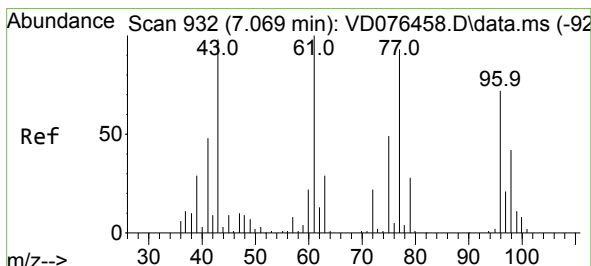
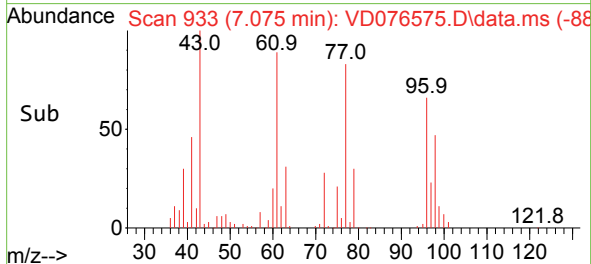
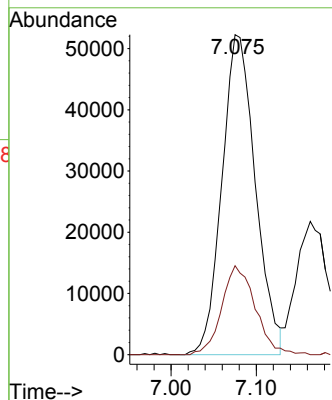
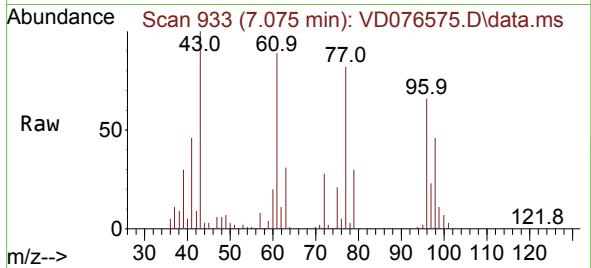




#25
2-Butanone
Concen: 256.102 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

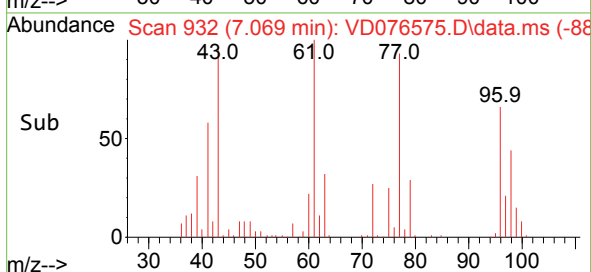
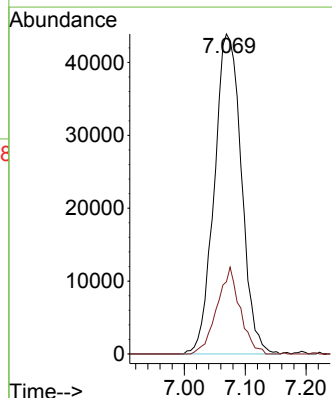
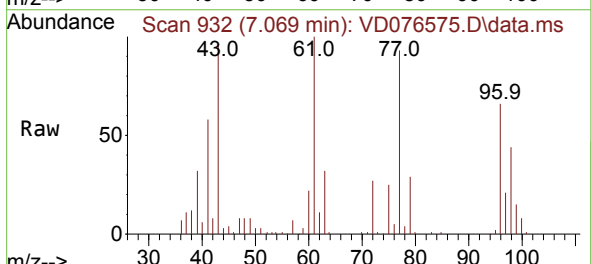
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

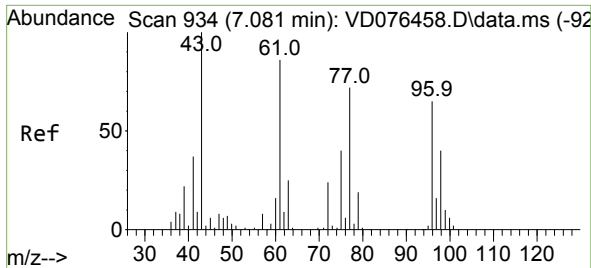
Tgt Ion: 43 Resp: 142675
Ion Ratio Lower Upper
43 100
72 27.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 51.506 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 77 Resp: 135555
Ion Ratio Lower Upper
77 100
97 23.1 13.2 39.6



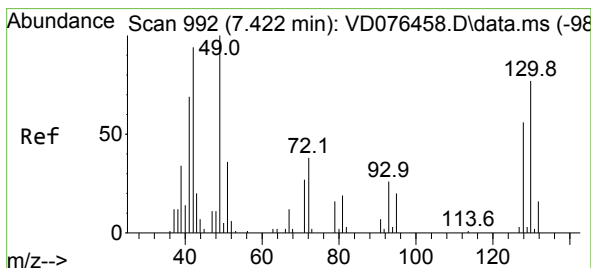
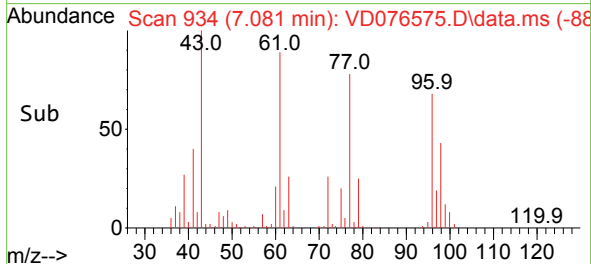
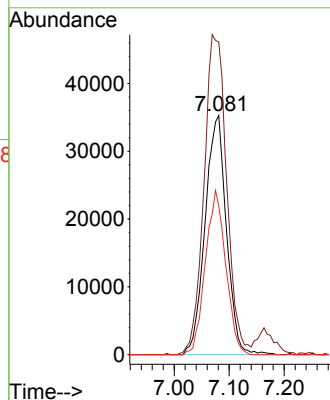
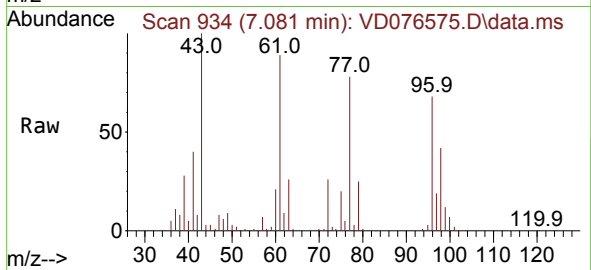


#27
 cis-1,2-Dichloroethene
 Concen: 49.378 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076575.D
 Acq: 26 Jun 2023 11:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 95484

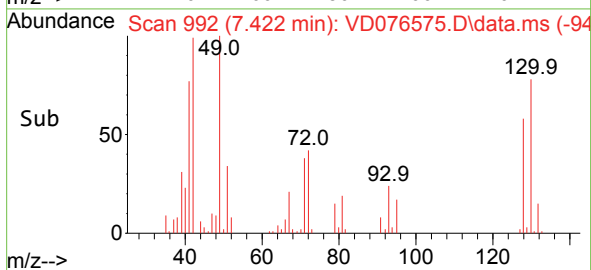
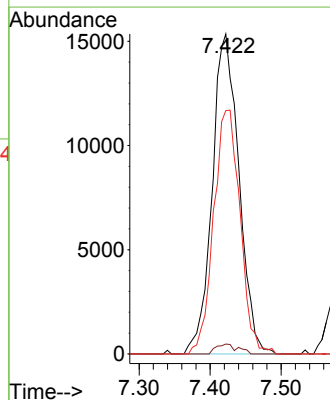
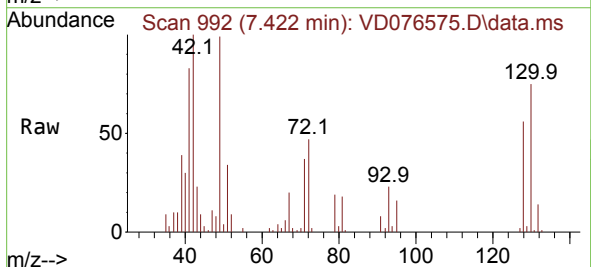
Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	239.2
98	65.4	0.0	128.6

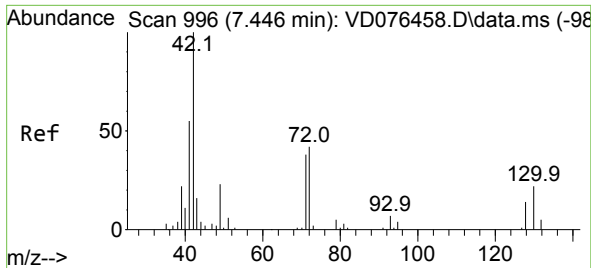


#28
 Bromochloromethane
 Concen: 45.413 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076575.D
 Acq: 26 Jun 2023 11:02

Tgt Ion: 49 Resp: 40103

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	6.0
130	75.5	83.2	124.8

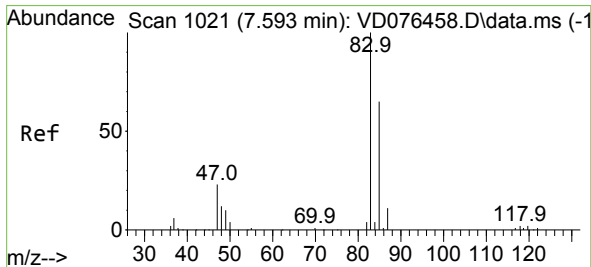
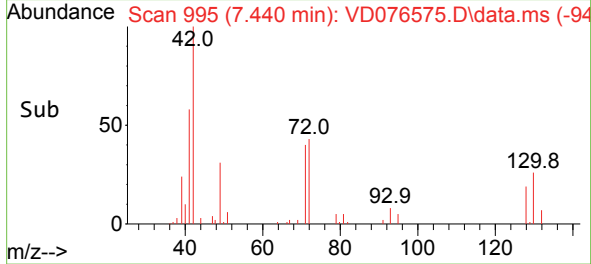
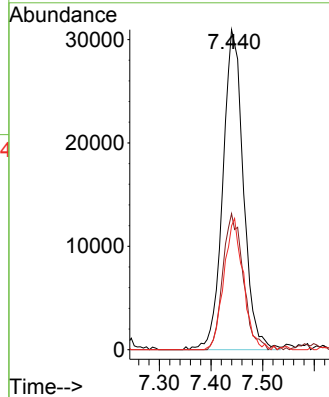
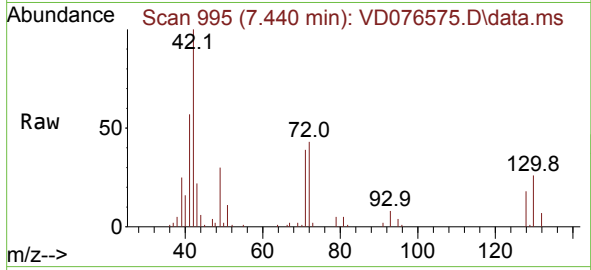




#29
Tetrahydrofuran
Concen: 238.957 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

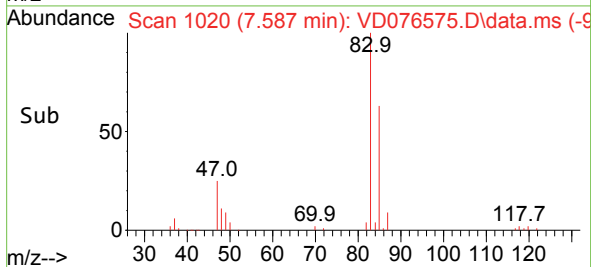
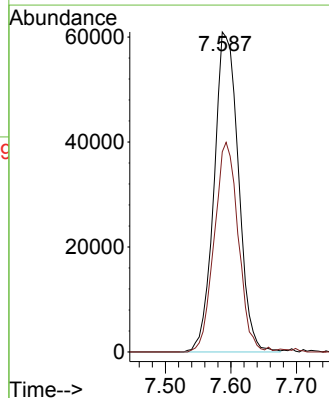
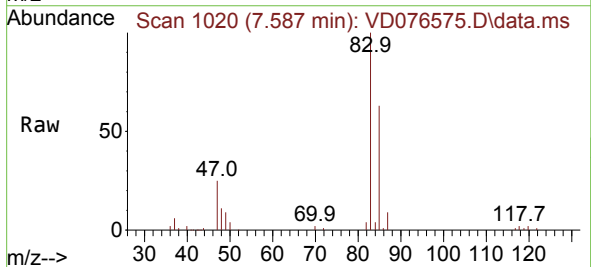
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

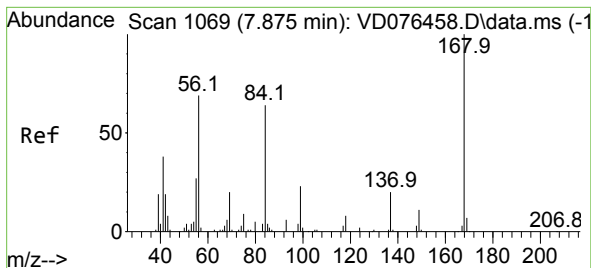
Tgt Ion: 42 Resp: 85552
Ion Ratio Lower Upper
42 100
72 42.1 46.5 69.7#
71 38.7 44.5 66.7#



#30
Chloroform
Concen: 51.990 ug/l
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 83 Resp: 157144
Ion Ratio Lower Upper
83 100
85 62.5 53.4 80.2





#31

Cyclohexane

Concen: 49.207 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

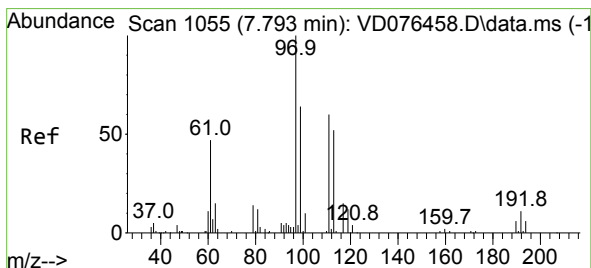
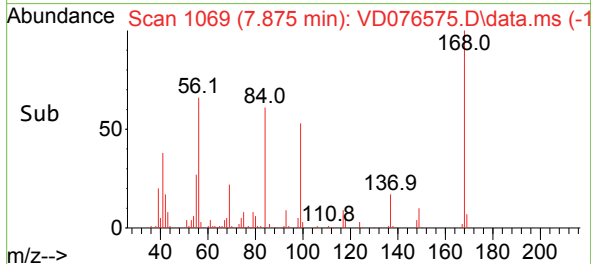
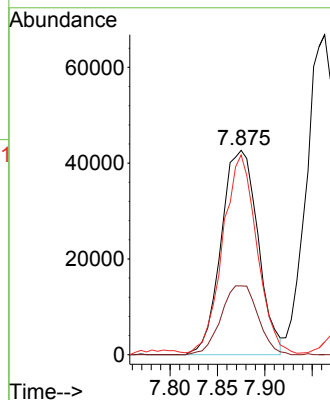
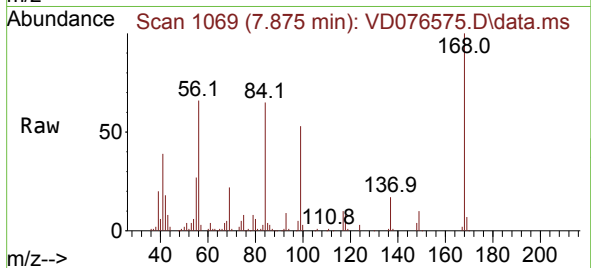
Tgt Ion: 56 Resp: 115400

Ion Ratio Lower Upper

56 100

69 33.6 28.6 43.0

84 96.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 55.861 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

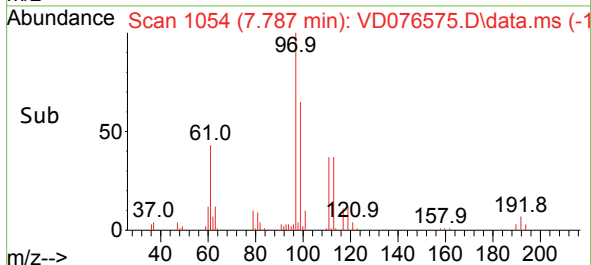
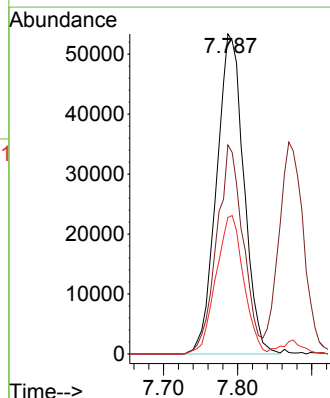
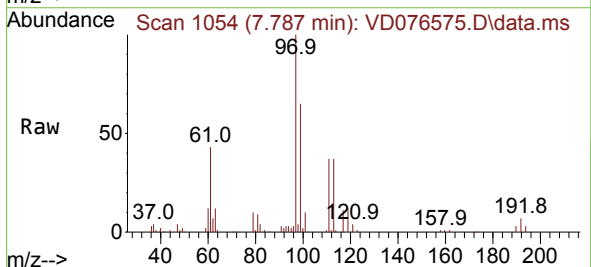
Tgt Ion: 97 Resp: 136486

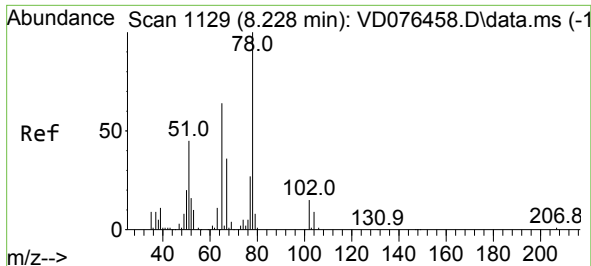
Ion Ratio Lower Upper

97 100

99 63.7 52.0 78.0

61 43.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.944 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

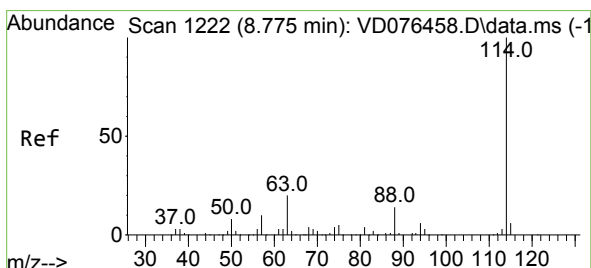
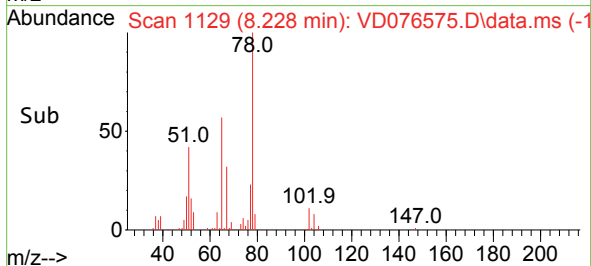
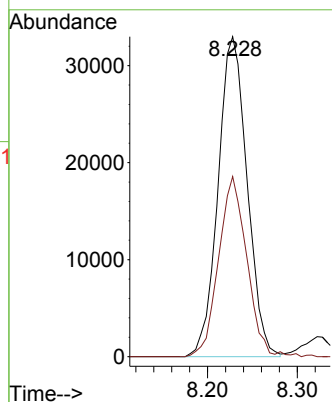
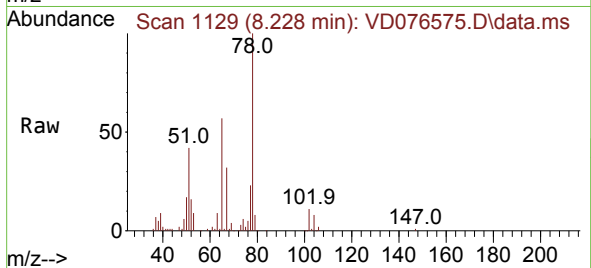
VSTDCCC050

Tgt Ion: 65 Resp: 74083

Ion Ratio Lower Upper

65 100

67 54.1 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: VD076575.D

Acq: 26 Jun 2023 11:02

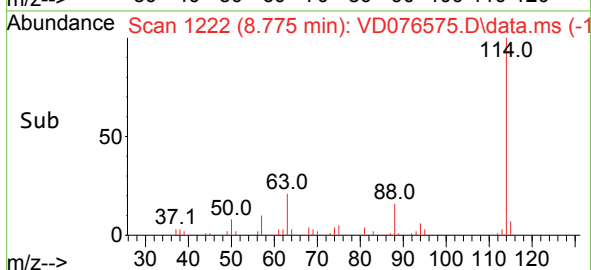
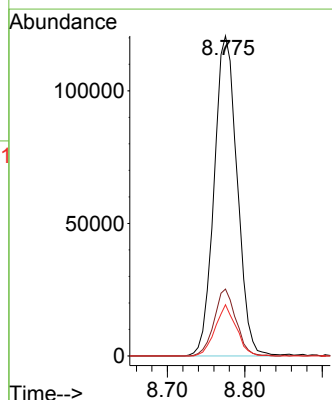
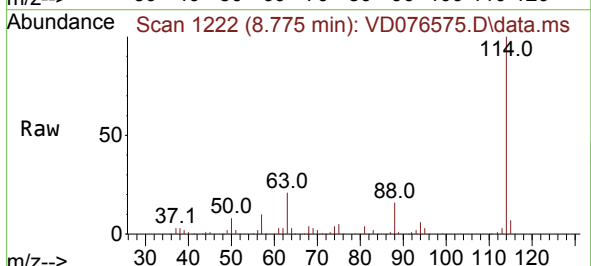
Tgt Ion: 114 Resp: 249094

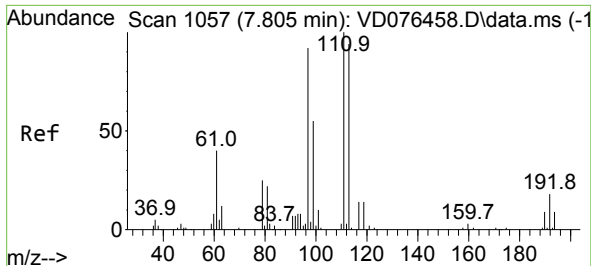
Ion Ratio Lower Upper

114 100

63 20.9 0.0 33.4

88 16.0 0.0 26.2

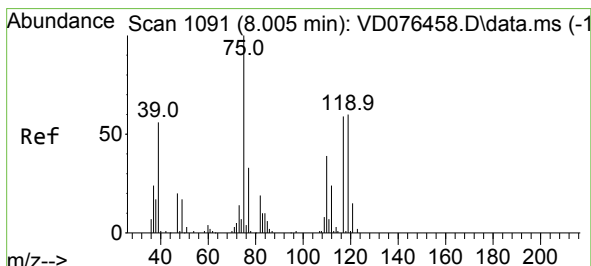
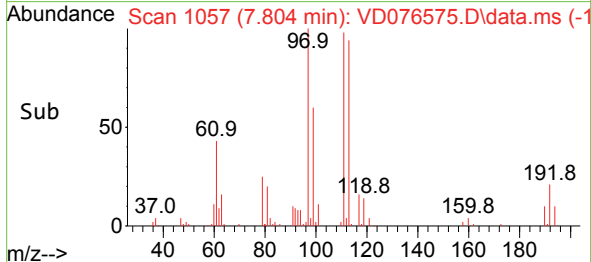
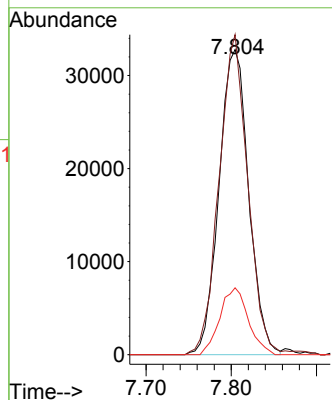
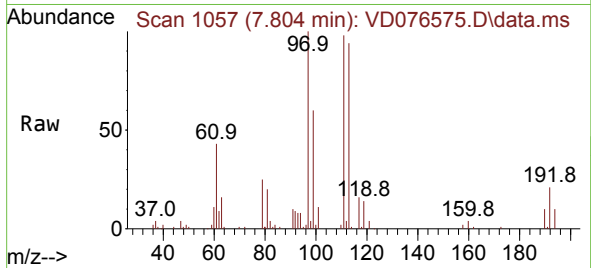




#35
Dibromofluoromethane
Concen: 53.630 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

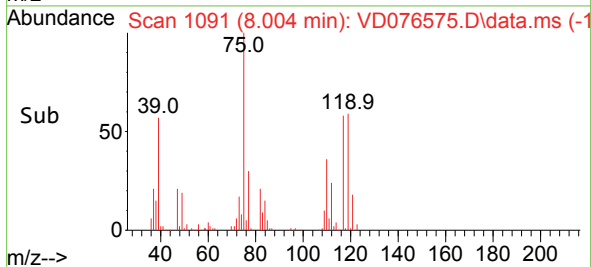
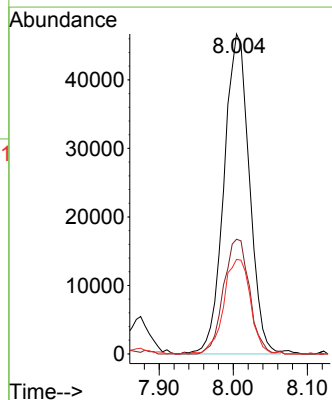
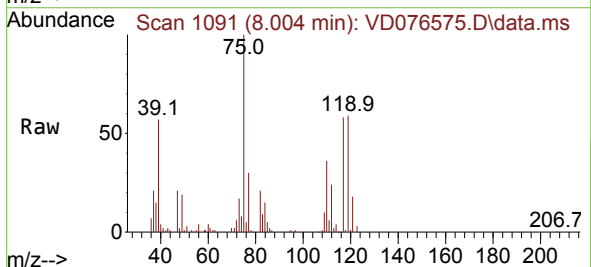
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

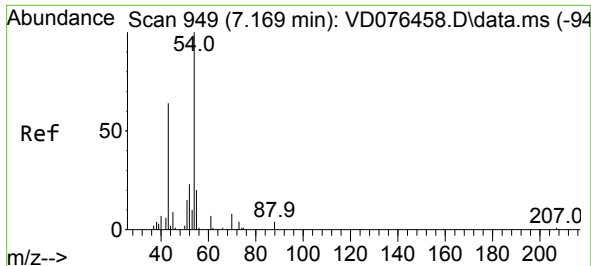
Tgt Ion:113 Resp: 79361
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 53.692 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 75 Resp: 111264
Ion Ratio Lower Upper
75 100
110 36.6 19.9 59.6
77 31.2 24.7 37.1

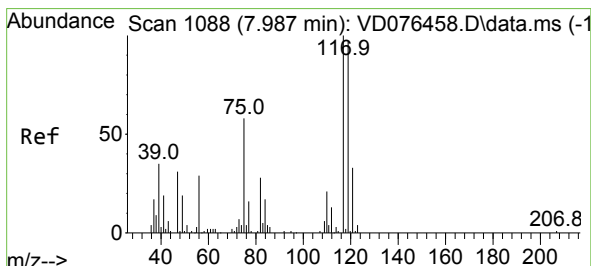
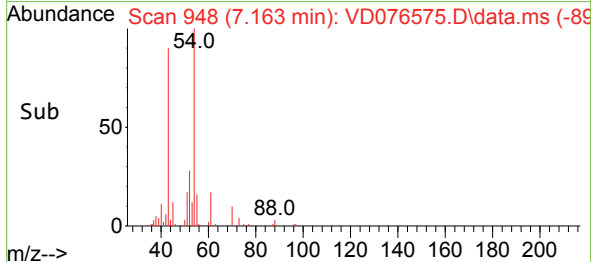
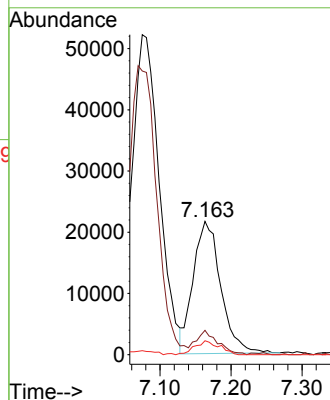
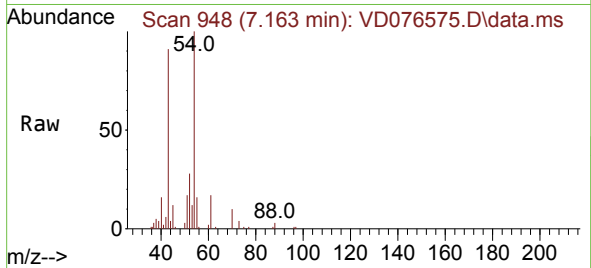




#37
Ethyl Acetate
Concen: 48.559 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

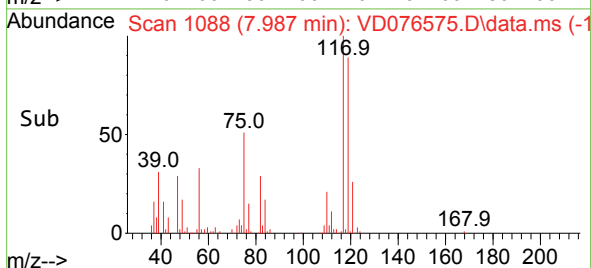
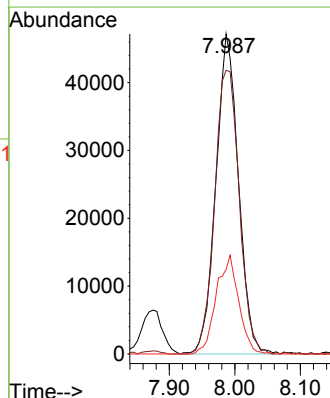
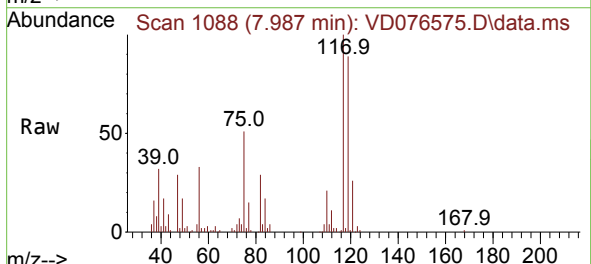
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

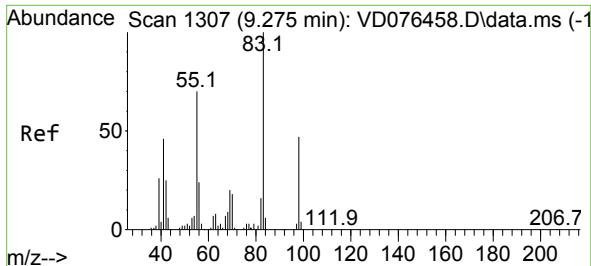
Tgt Ion: 43 Resp: 58310
Ion Ratio Lower Upper
43 100
61 14.4 14.9 22.3#
70 9.3 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 60.825 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 117 Resp: 112659
Ion Ratio Lower Upper
117 100
119 88.7 78.0 117.0
121 26.4 24.2 36.2





#39

Methylcyclohexane

Concen: 52.554 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

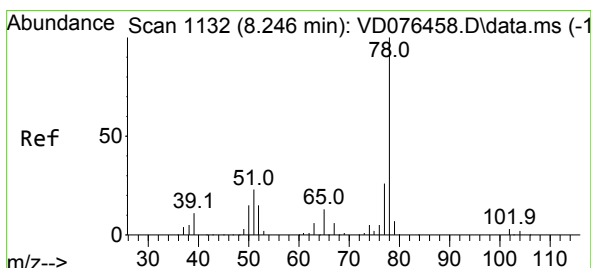
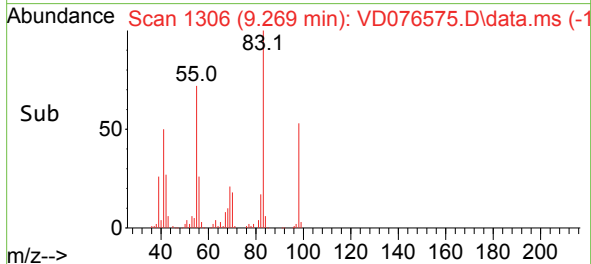
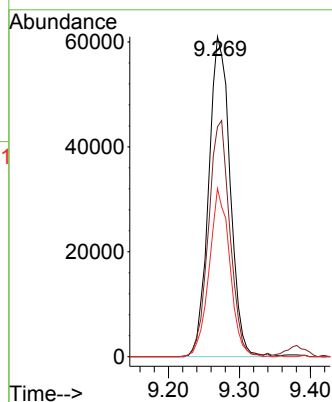
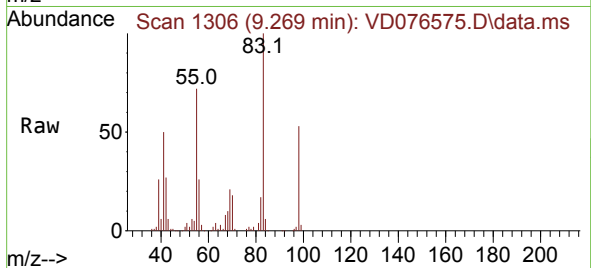
Tgt Ion: 83 Resp: 127802

Ion Ratio Lower Upper

83 100

55 71.8 49.4 74.0

98 52.5 38.4 57.6



#40

Benzene

Concen: 51.847 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076575.D

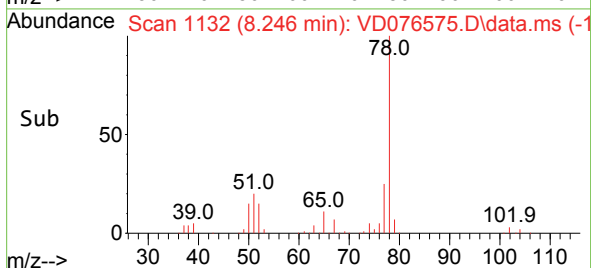
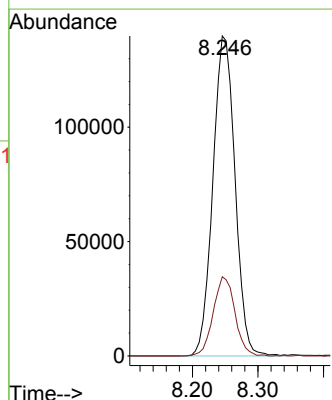
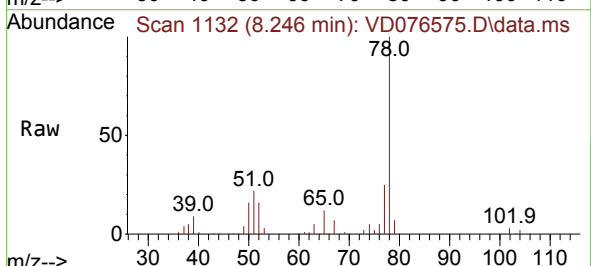
Acq: 26 Jun 2023 11:02

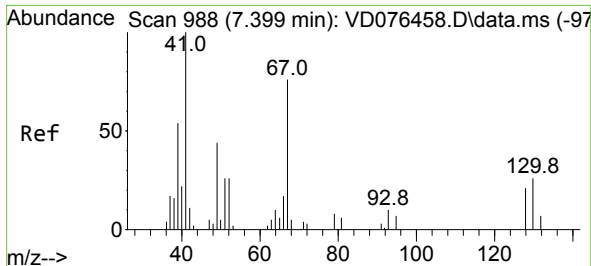
Tgt Ion: 78 Resp: 327641

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

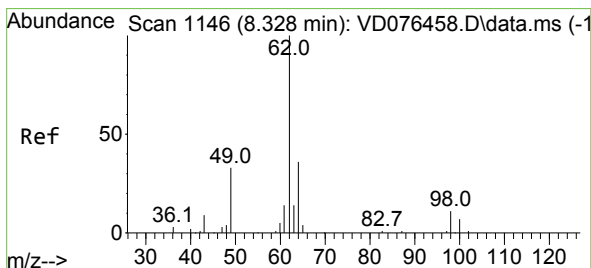
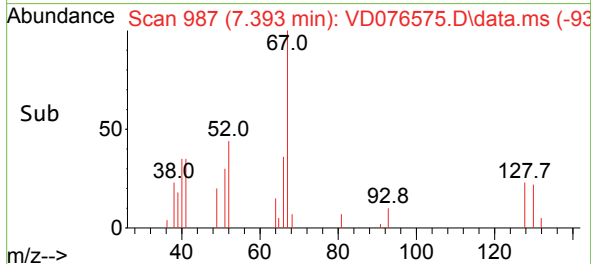
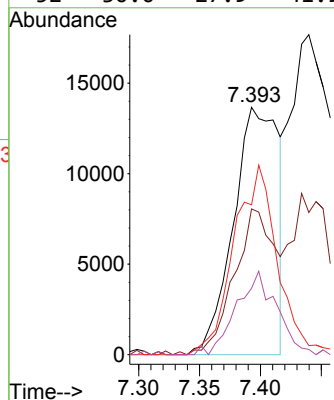
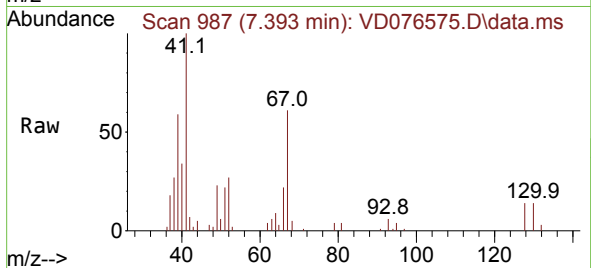




#41
Methacrylonitrile
Concen: 51.828 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

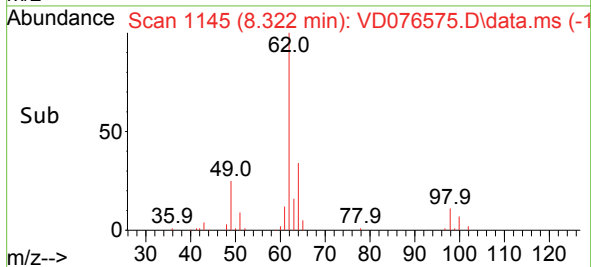
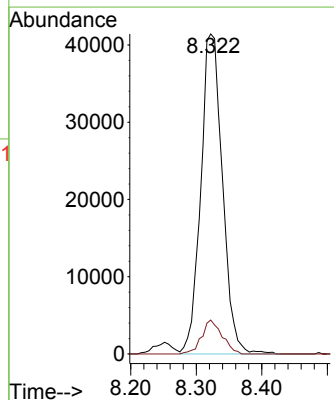
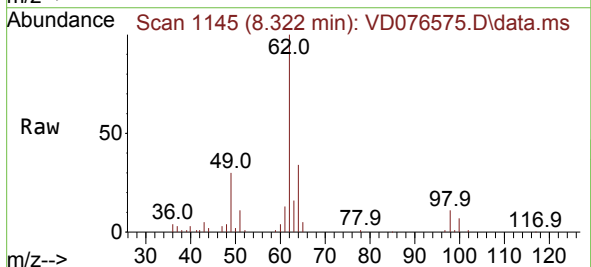
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

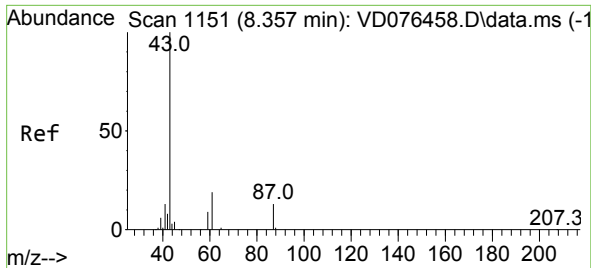
Tgt Ion:	41	Resp:	35143
Ion	Ratio	Lower	Upper
41	100		
39	53.6	34.0	51.0#
67	74.4	77.0	115.4#
52	30.0	27.9	41.9



#42
1,2-Dichloroethane
Concen: 55.990 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion:	62	Resp:	95606
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	25.4

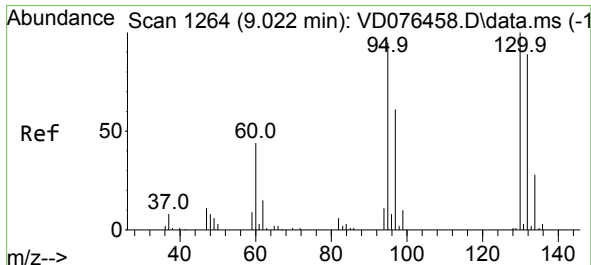
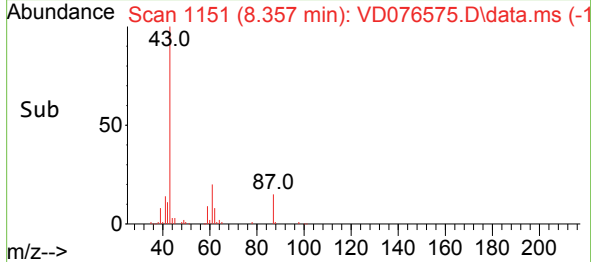
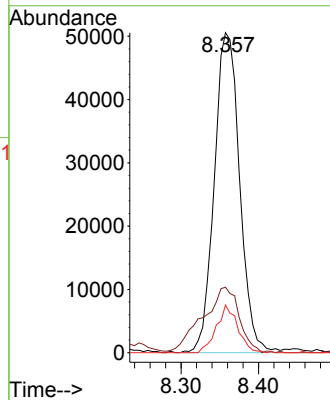
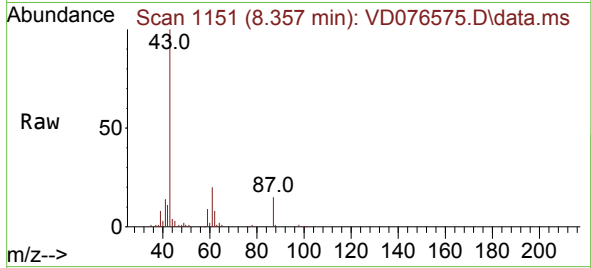




#43
Isopropyl Acetate
Concen: 50.693 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

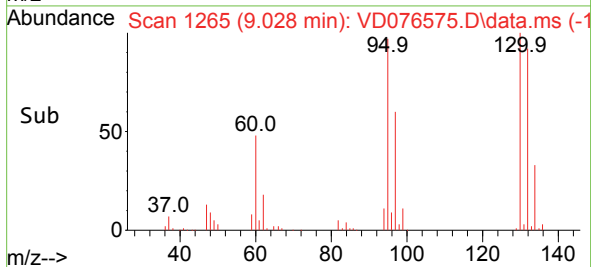
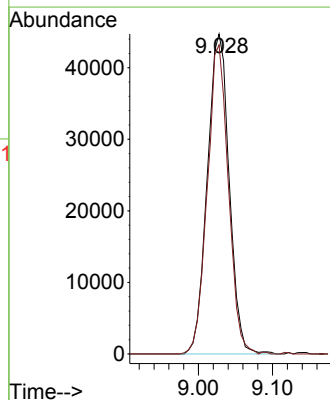
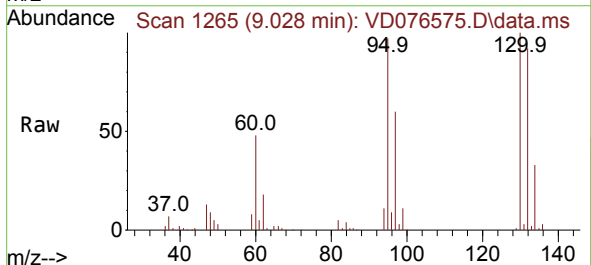
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

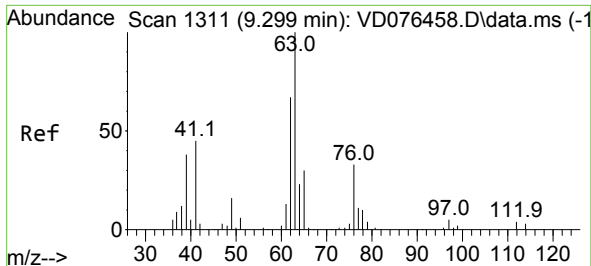
Tgt Ion: 43 Resp: 115244
Ion Ratio Lower Upper
43 100
61 29.5 31.4 47.0#
87 12.5 14.9 22.3#



#44
Trichloroethene
Concen: 53.804 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion:130 Resp: 91720
Ion Ratio Lower Upper
130 100
95 96.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.343 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

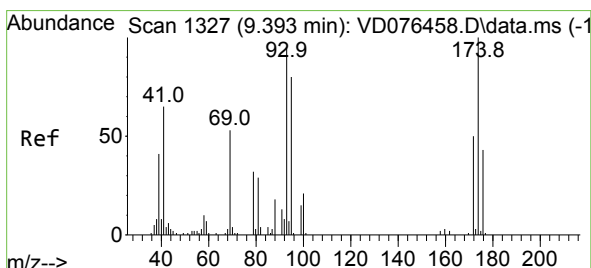
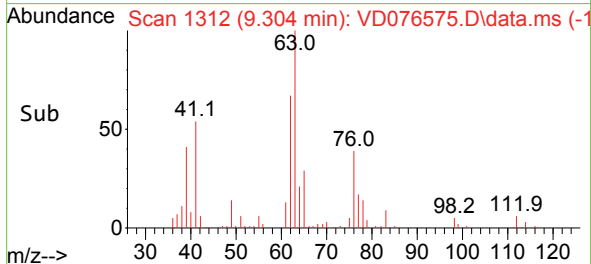
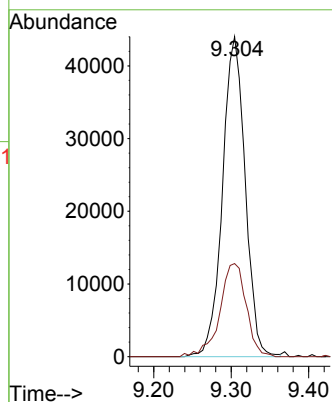
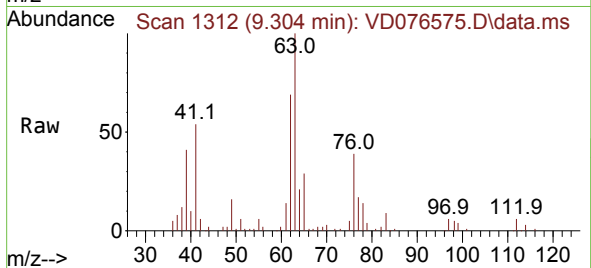
VSTDCCC050

Tgt Ion: 63 Resp: 89685

Ion Ratio Lower Upper

63 100

65 29.1 24.5 36.7



#46

Dibromomethane

Concen: 53.711 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

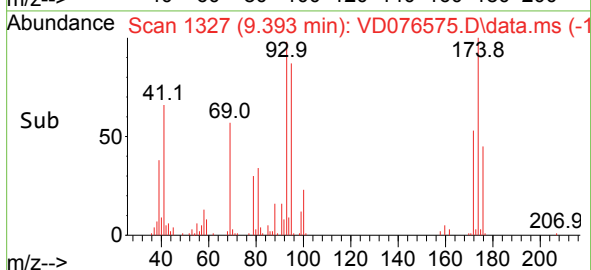
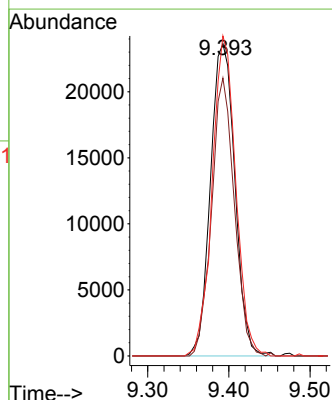
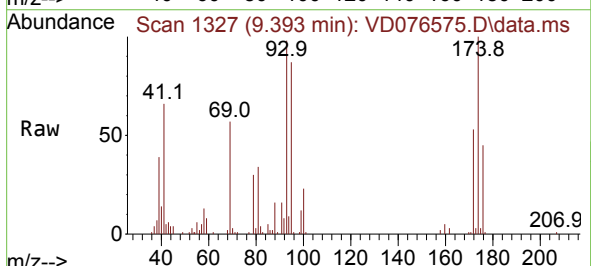
Tgt Ion: 93 Resp: 49300

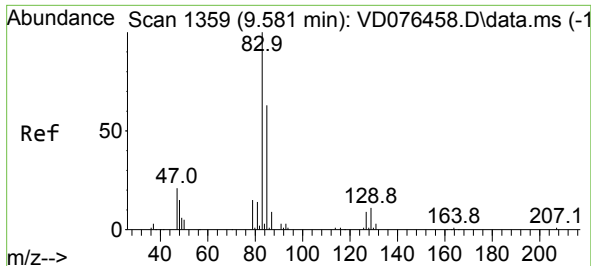
Ion Ratio Lower Upper

93 100

95 83.0 67.7 101.5

174 98.7 85.4 128.2

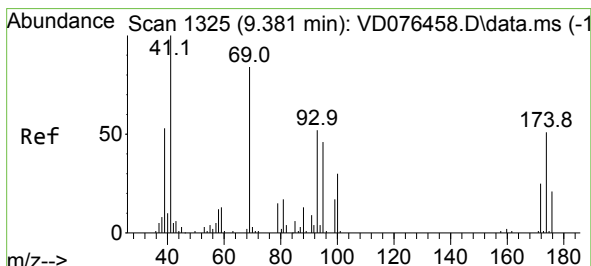
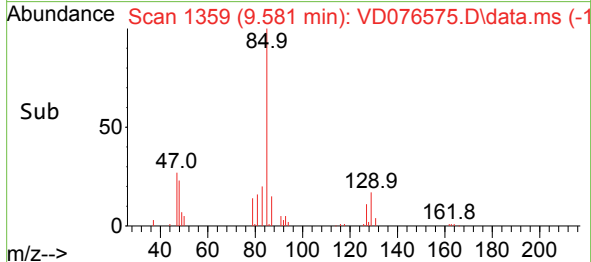
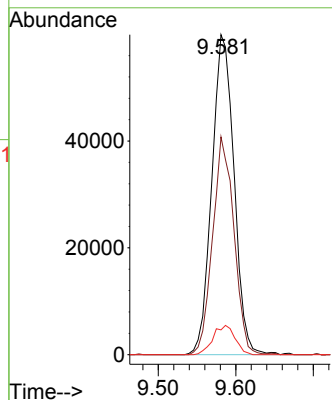
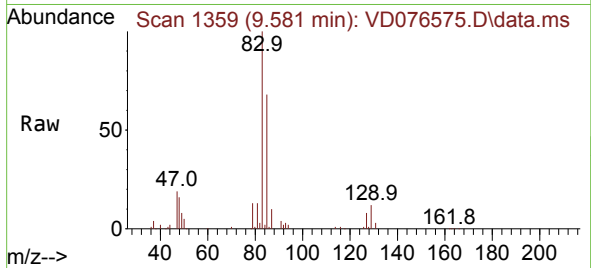




#47
Bromodichloromethane
Concen: 54.192 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

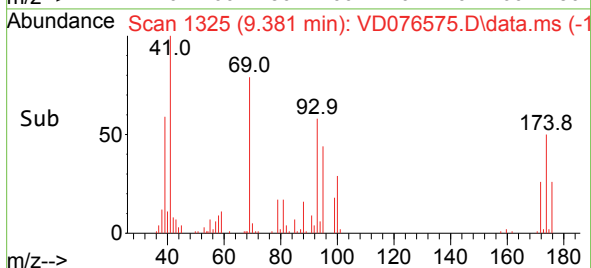
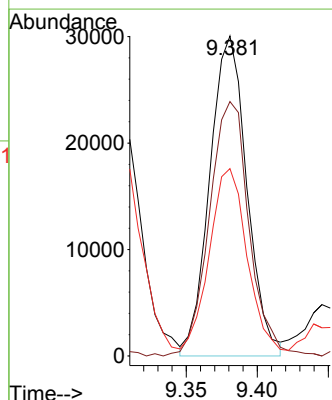
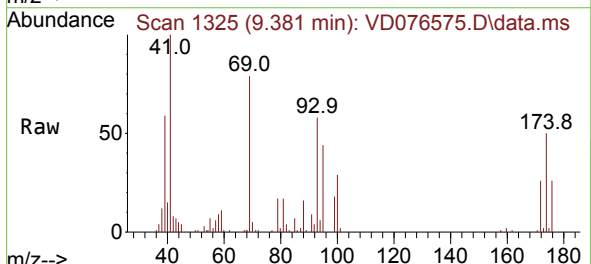
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

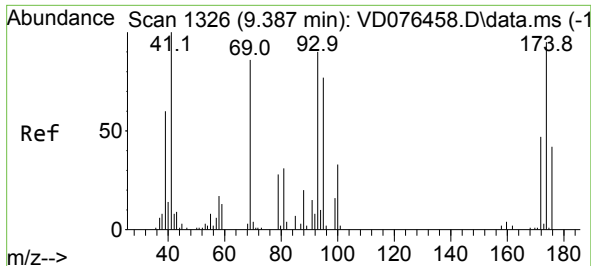
Tgt Ion: 83 Resp: 119032
Ion Ratio Lower Upper
83 100
85 68.1 50.2 75.4
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 52.440 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 41 Resp: 54641
Ion Ratio Lower Upper
41 100
69 85.2 102.2 153.2#
39 60.9 41.4 62.2





#49

1,4-Dioxane

Concen: 1098.807 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

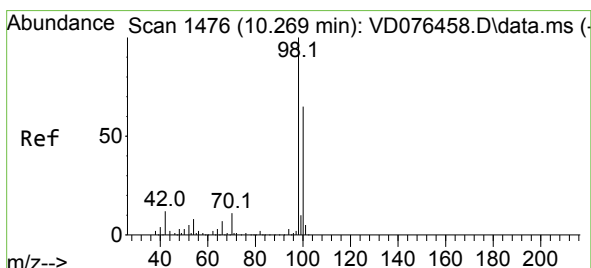
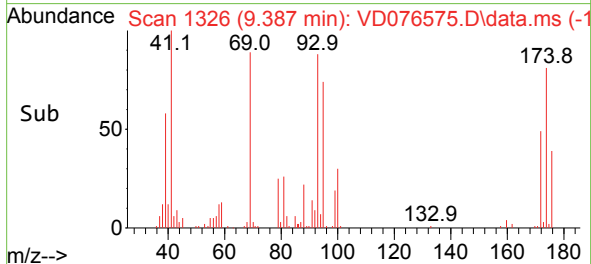
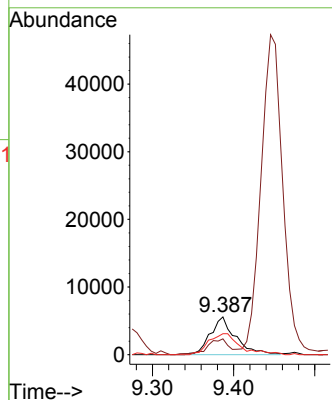
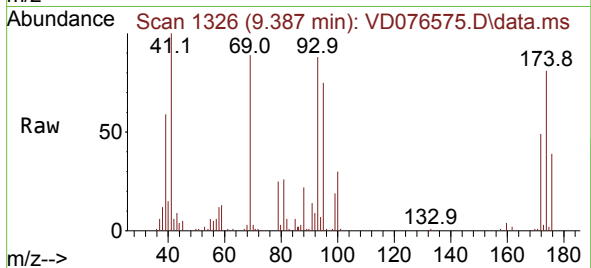
Tgt Ion: 88 Resp: 12084

Ion Ratio Lower Upper

88 100

43 34.5 19.0 28.6#

58 68.7 43.5 65.3#



#50

Toluene-d8

Concen: 49.910 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076575.D

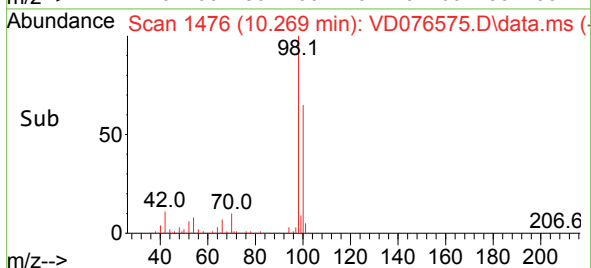
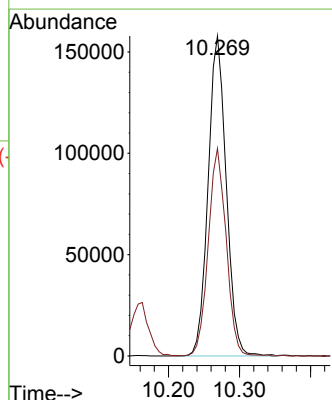
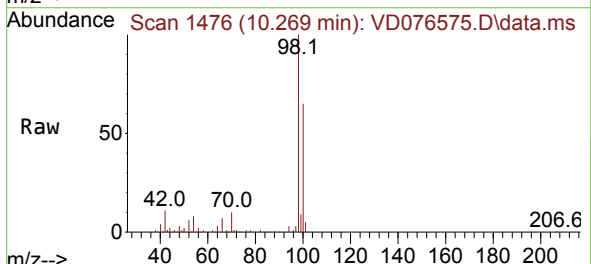
Acq: 26 Jun 2023 11:02

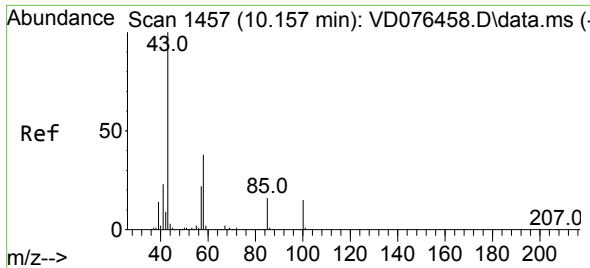
Tgt Ion: 98 Resp: 280099

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

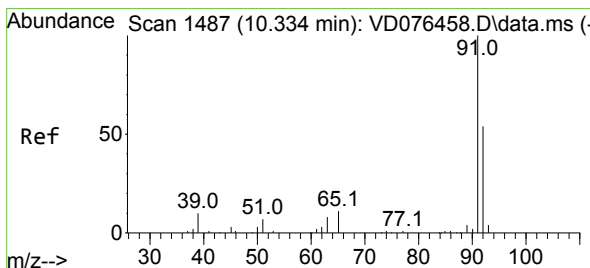
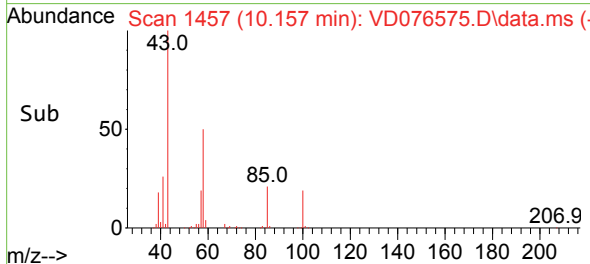
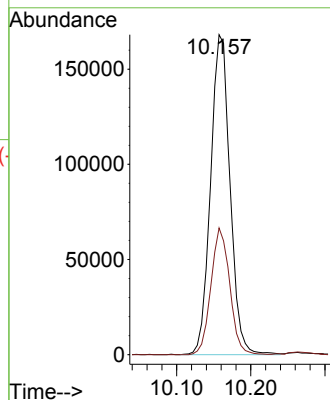
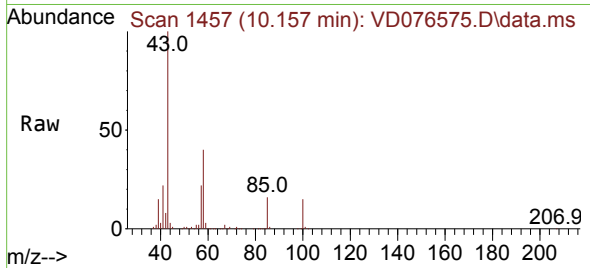




#51
4-Methyl-2-Pentanone
Concen: 263.613 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

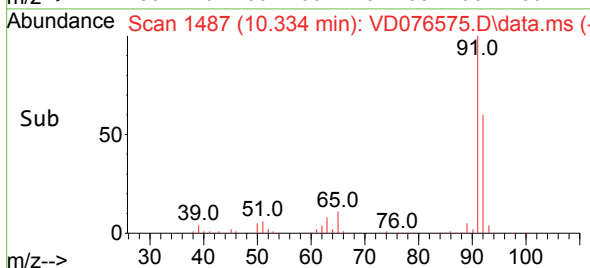
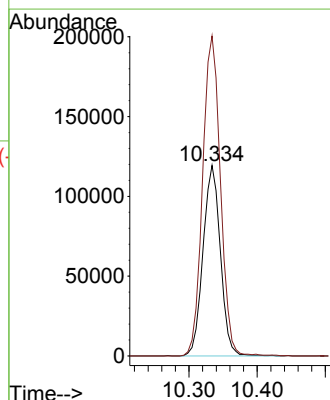
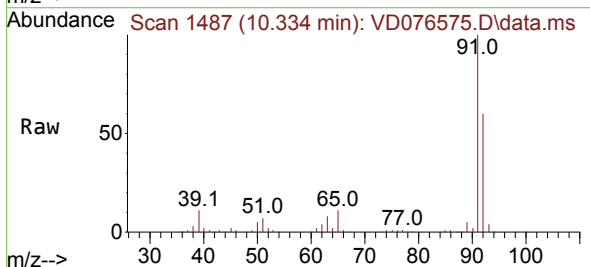
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

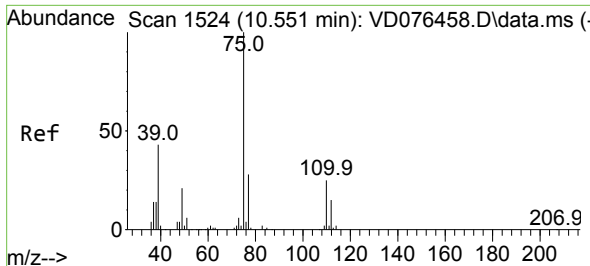
Tgt Ion: 43 Resp: 306340
Ion Ratio Lower Upper
43 100
58 38.3 38.9 58.3#



#52
Toluene
Concen: 53.269 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 92 Resp: 211243
Ion Ratio Lower Upper
92 100
91 173.0 143.0 214.4

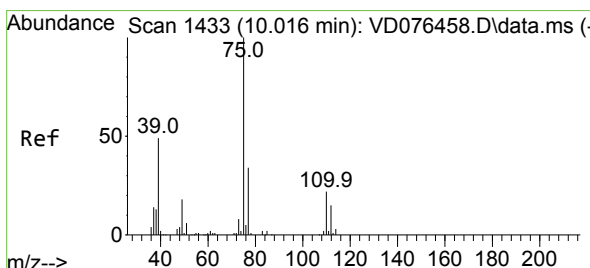
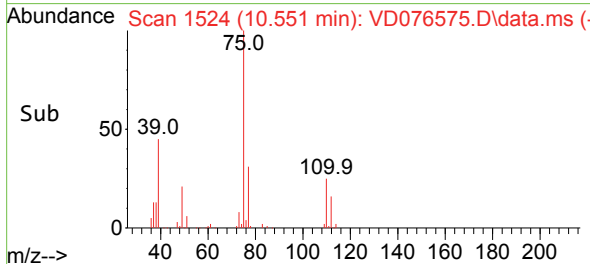
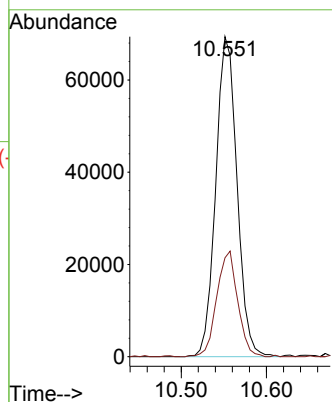
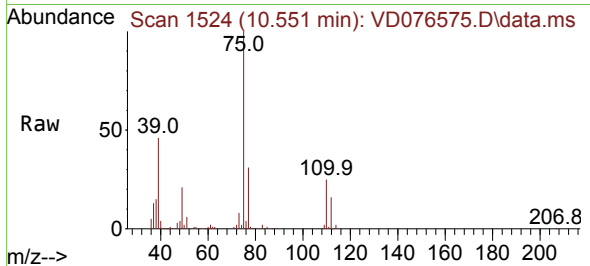




#53
t-1,3-Dichloropropene
Concen: 53.922 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

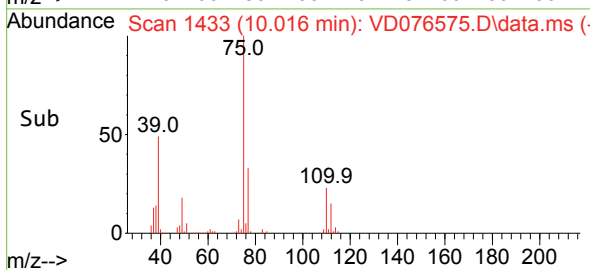
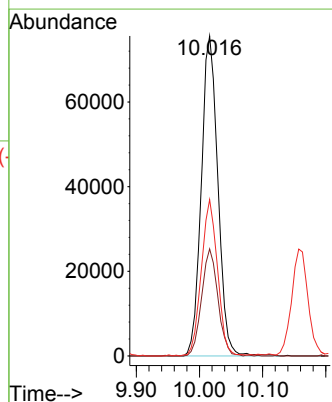
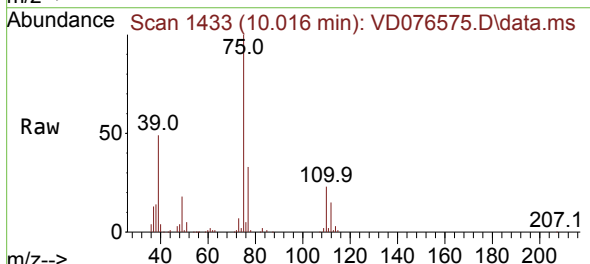
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

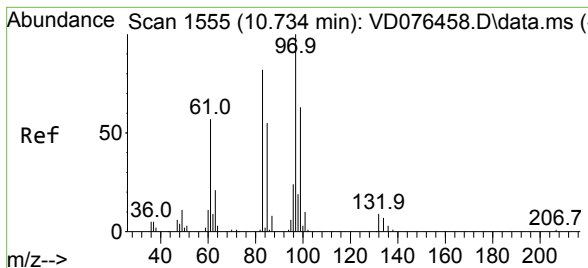
Tgt Ion: 75 Resp: 120184
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.225 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 75 Resp: 138004
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3
39 48.9 22.1 33.1#

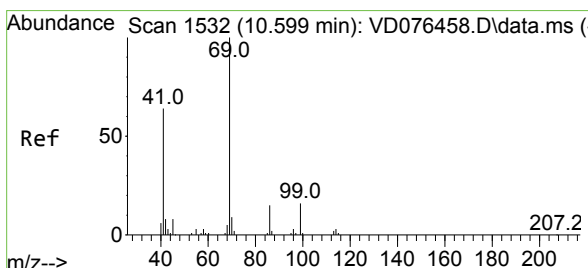
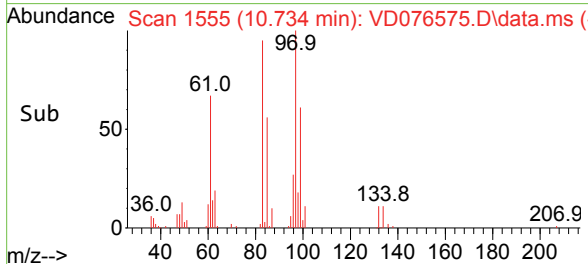
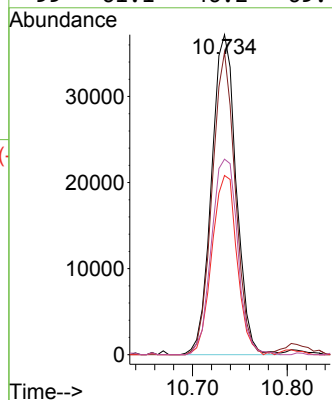
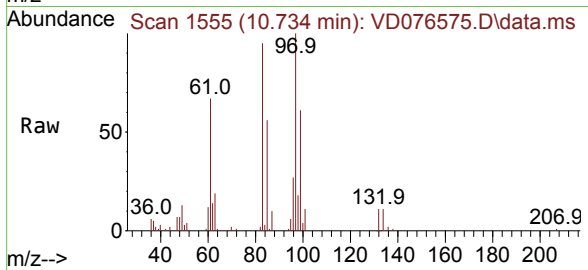




#55
1,1,2-Trichloroethane
Concen: 52.385 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

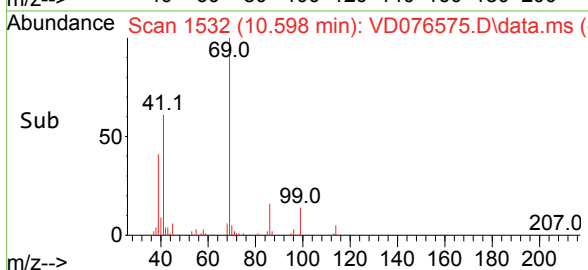
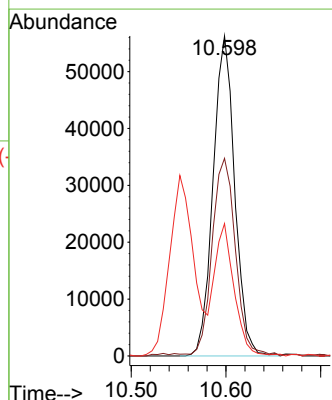
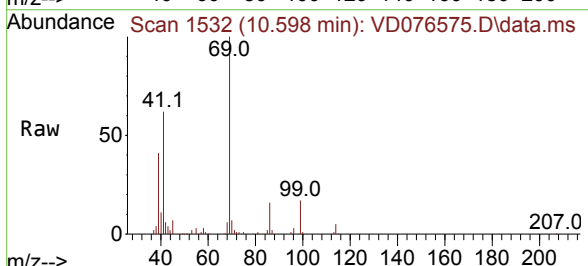
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

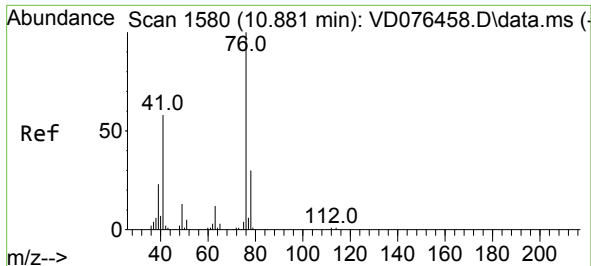
Tgt Ion:	97	Resp:	67258
Ion	Ratio	Lower	Upper
97	100		
83	94.5	65.8	98.6
85	56.0	45.7	68.5
99	61.1	46.2	69.4



#56
Ethyl methacrylate
Concen: 53.212 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion:	69	Resp:	89205
Ion	Ratio	Lower	Upper
69	100		
41	66.9	39.1	58.7#
39	37.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 52.116 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

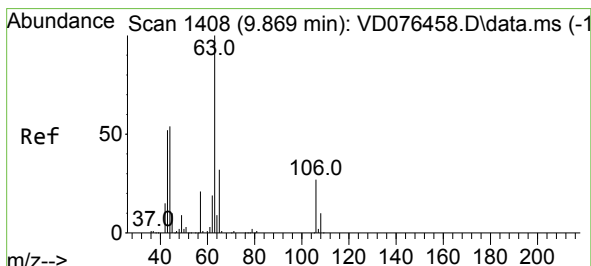
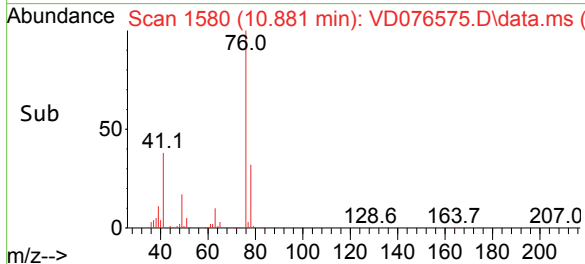
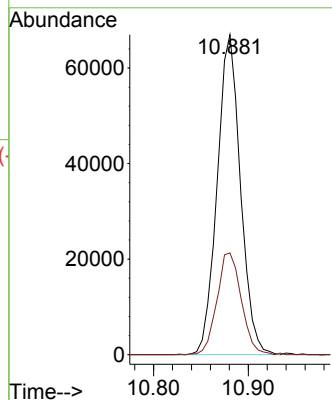
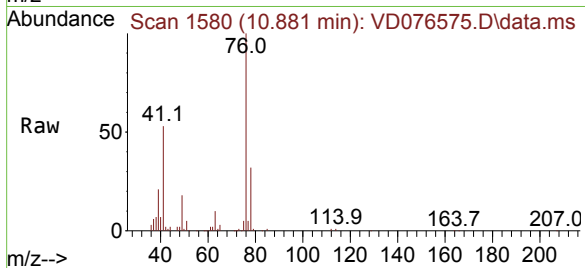
VSTDCCC050

Tgt Ion: 76 Resp: 114562

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 227.817 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076575.D

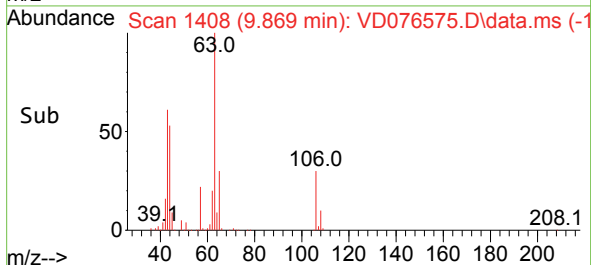
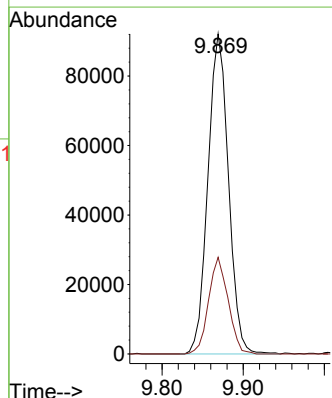
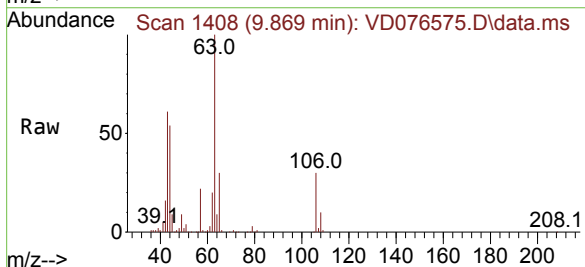
Acq: 26 Jun 2023 11:02

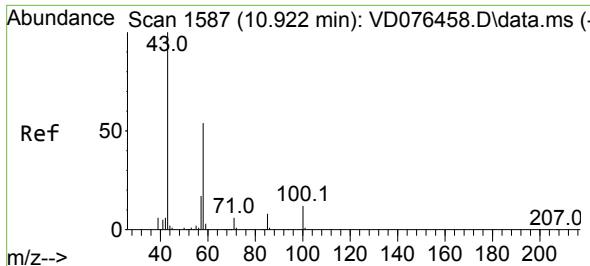
Tgt Ion: 63 Resp: 161916

Ion Ratio Lower Upper

63 100

106 28.7 25.3 37.9

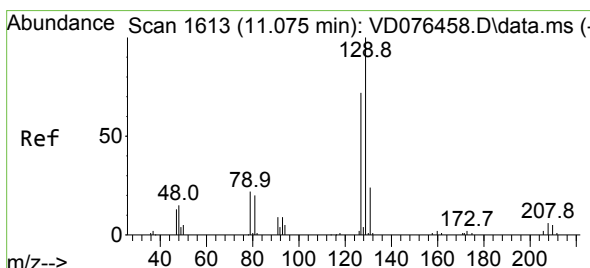
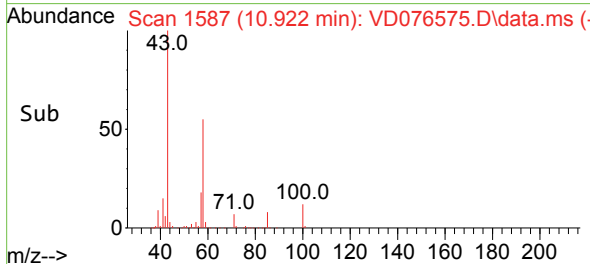
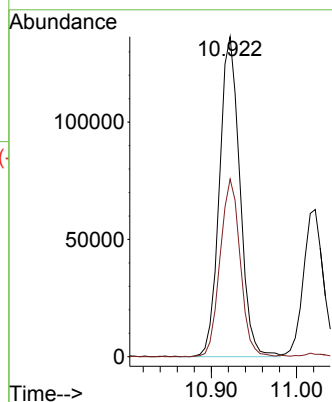
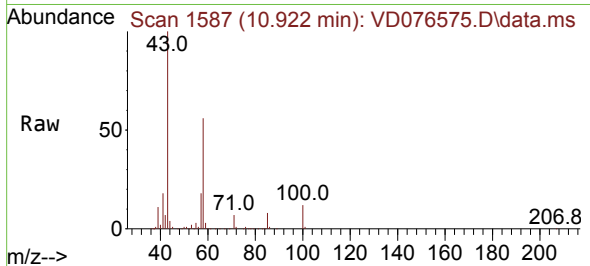




#59
2-Hexanone
Concen: 280.610 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

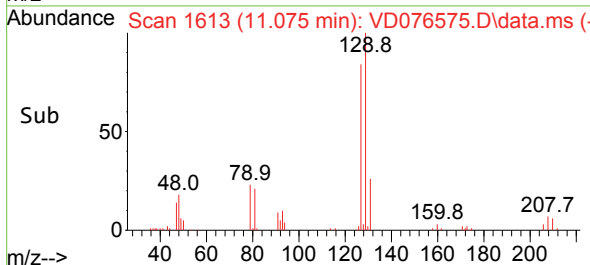
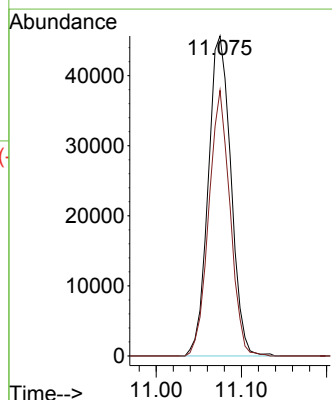
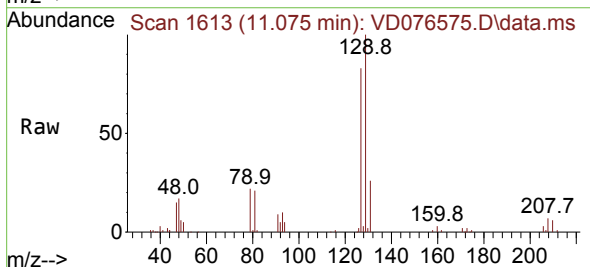
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

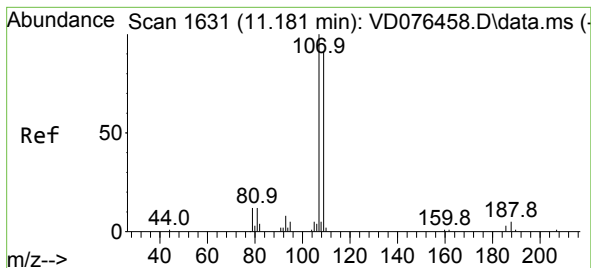
Tgt Ion: 43 Resp: 226831
Ion Ratio Lower Upper
43 100
58 54.9 34.1 102.2



#60
Dibromochloromethane
Concen: 56.648 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 129 Resp: 84642
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5

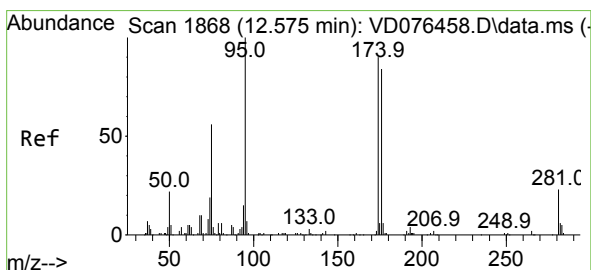
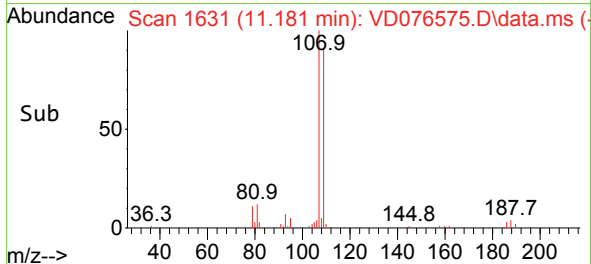
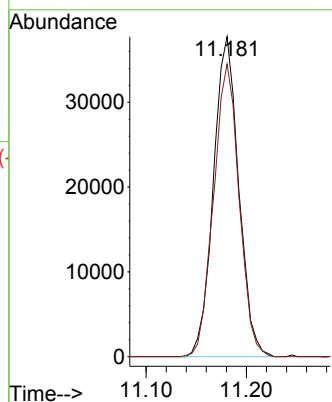
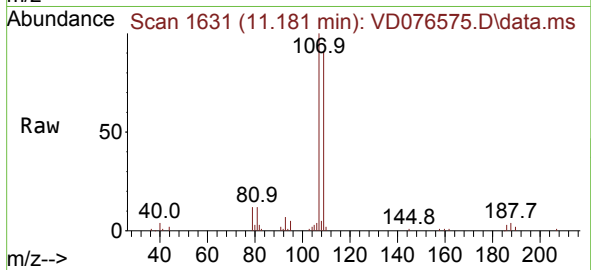




#61
1,2-Dibromoethane
Concen: 54.709 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

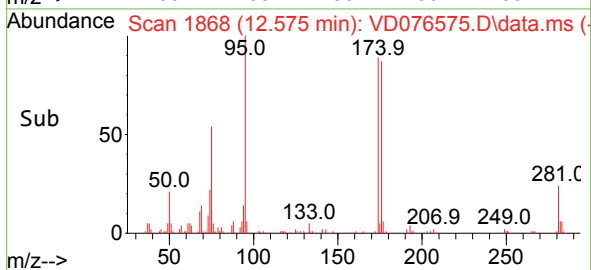
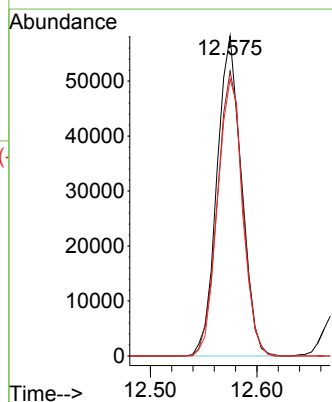
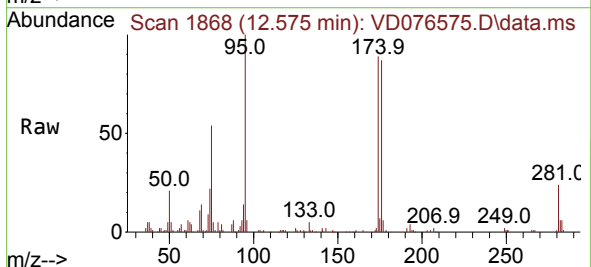
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

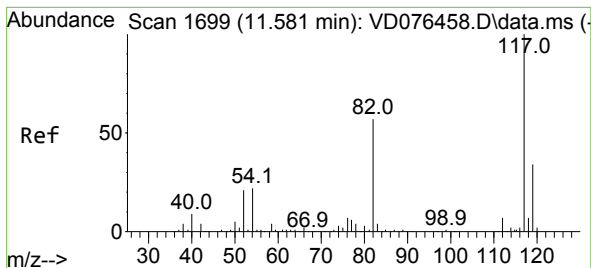
Tgt Ion:107 Resp: 65938
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.027 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 95 Resp: 92938
Ion Ratio Lower Upper
95 100
174 91.6 0.0 201.8
176 88.2 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: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

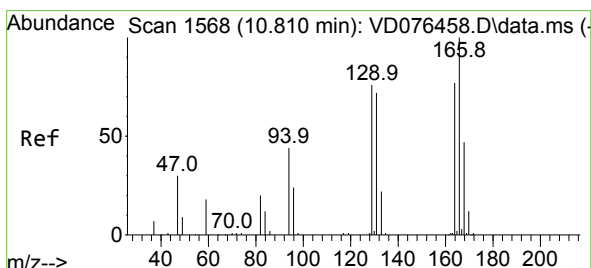
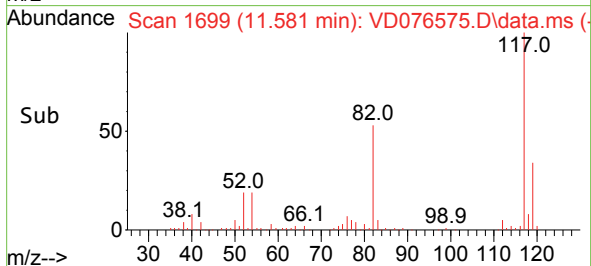
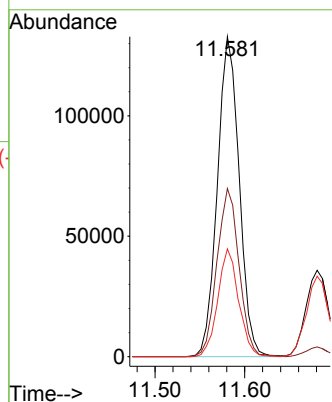
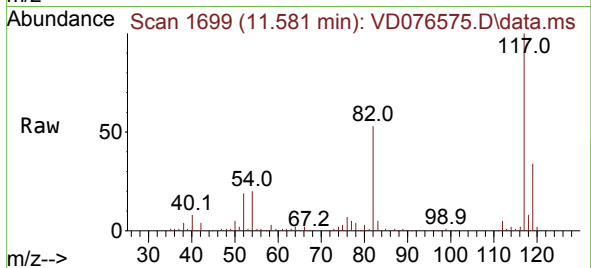
Tgt Ion:117 Resp: 224491

Ion Ratio Lower Upper

117 100

82 52.5 38.3 57.5

119 33.7 25.0 37.4



#64

Tetrachloroethene

Concen: 57.588 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Tgt Ion:164 Resp: 77601

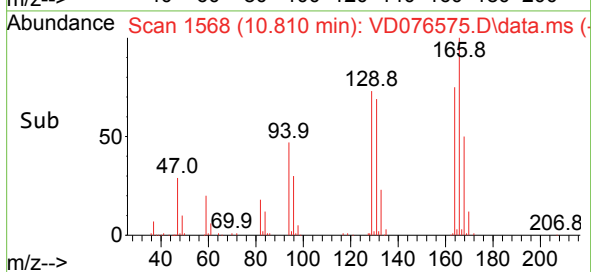
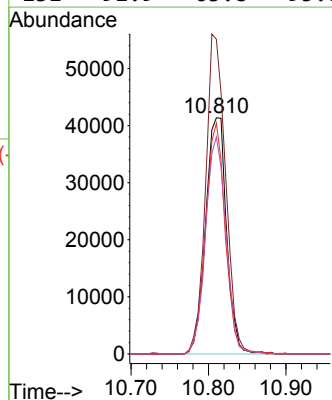
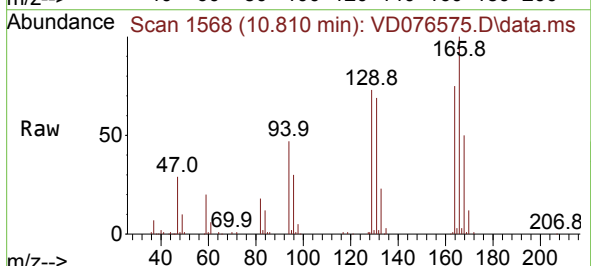
Ion Ratio Lower Upper

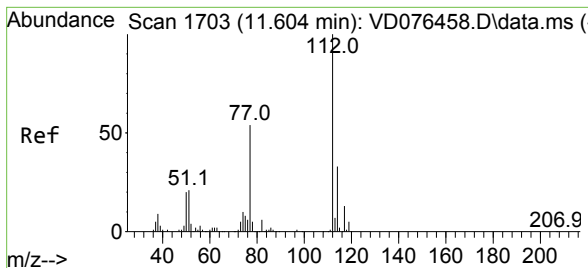
164 100

166 133.3 99.2 148.8

129 97.8 68.4 102.6

131 91.9 63.8 95.8

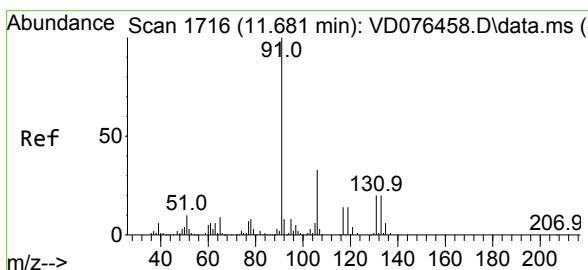
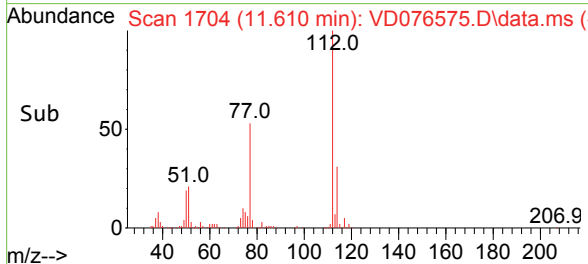
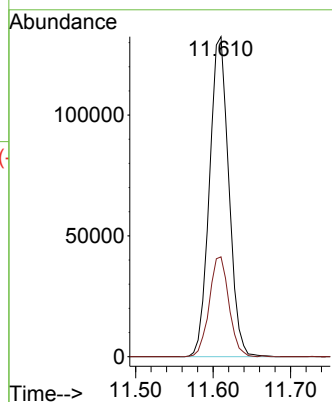
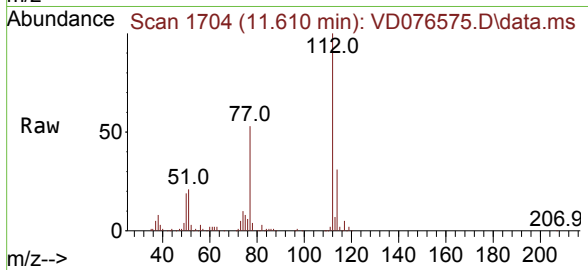




#65
Chlorobenzene
Concen: 53.821 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

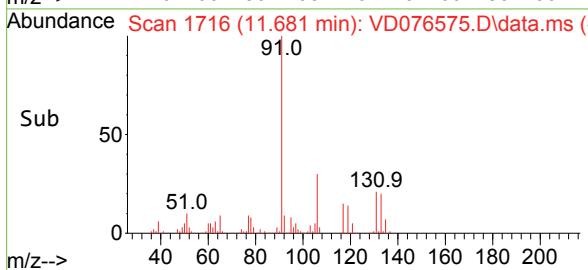
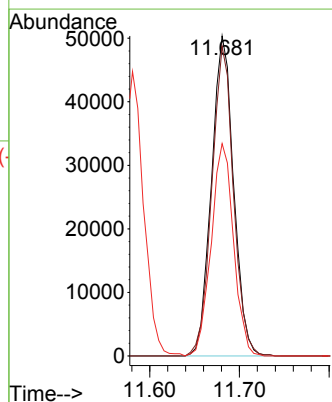
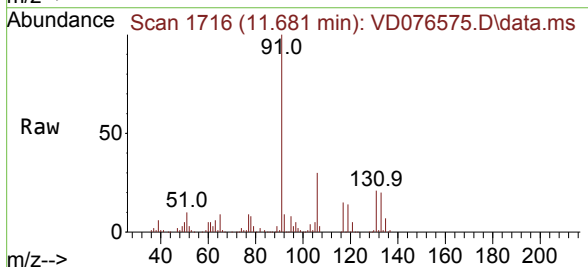
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

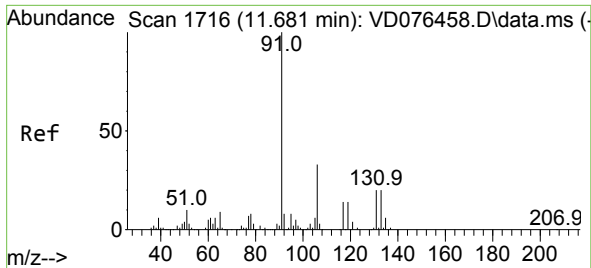
Tgt Ion:112 Resp: 229539
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 56.617 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion:131 Resp: 86355
Ion Ratio Lower Upper
131 100
133 94.7 48.5 145.5
119 66.8 35.6 106.9

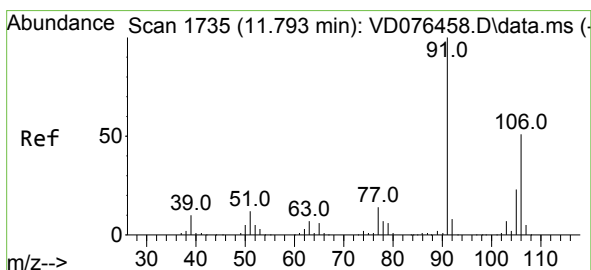
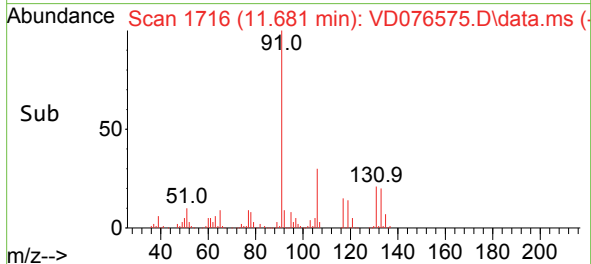
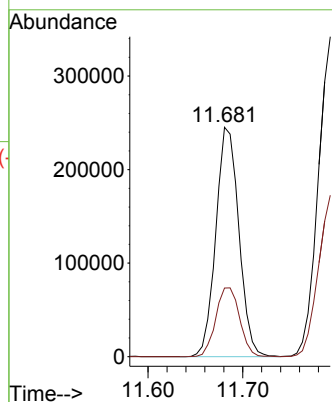
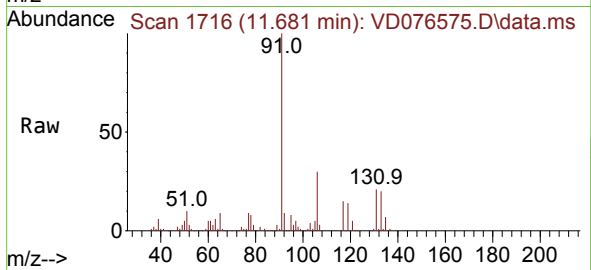




#67
Ethyl Benzene
Concen: 54.895 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

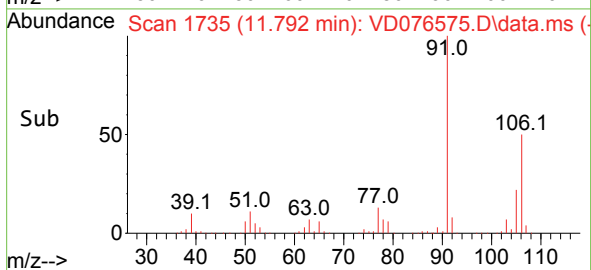
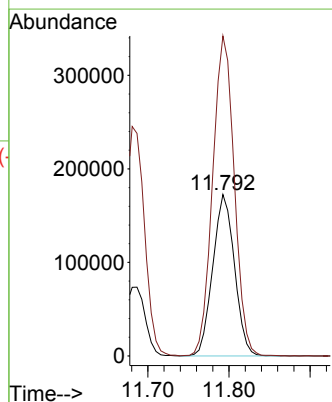
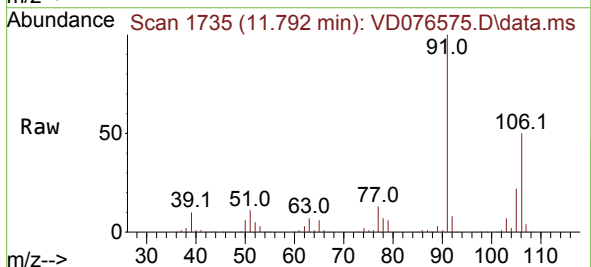
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

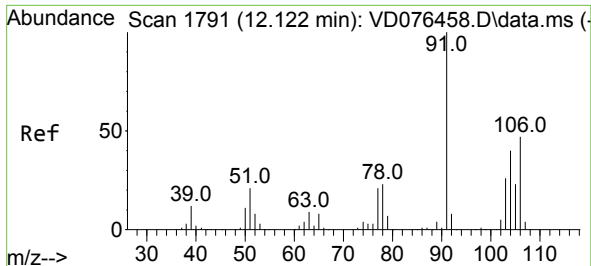
Tgt Ion: 91 Resp: 414839
Ion Ratio Lower Upper
91 100
106 29.9 26.5 39.7



#68
m/p-Xylenes
Concen: 108.703 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion:106 Resp: 320670
Ion Ratio Lower Upper
106 100
91 197.7 147.0 220.6

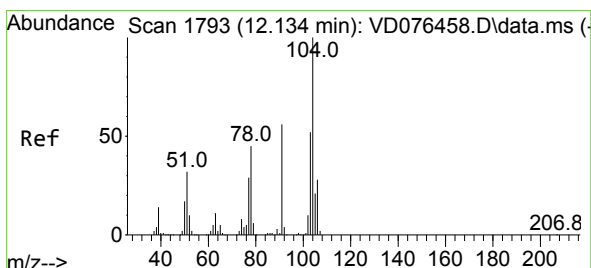
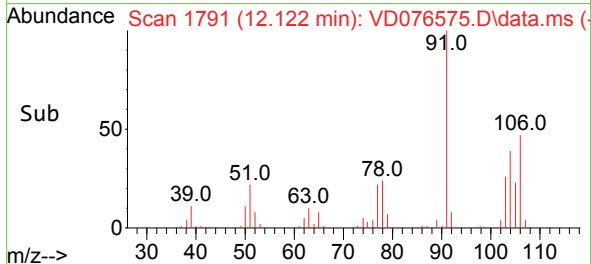
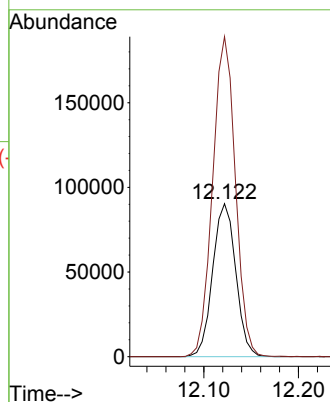
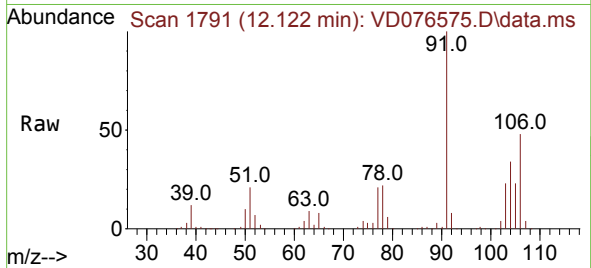




#69
o-Xylene
Concen: 54.384 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

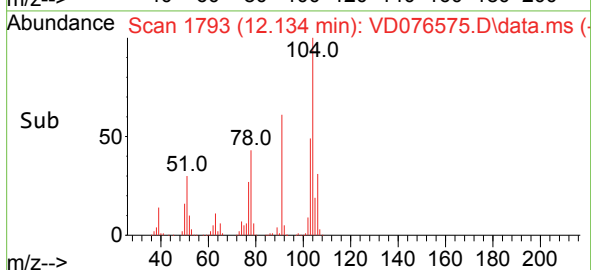
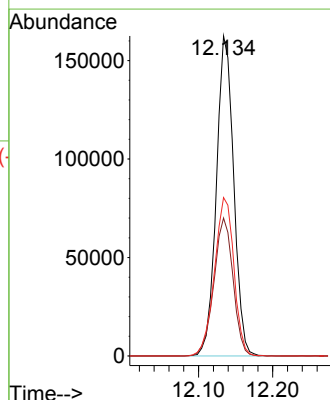
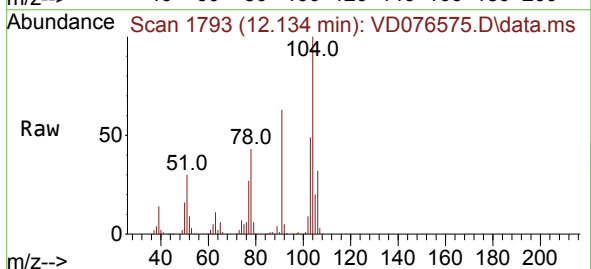
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

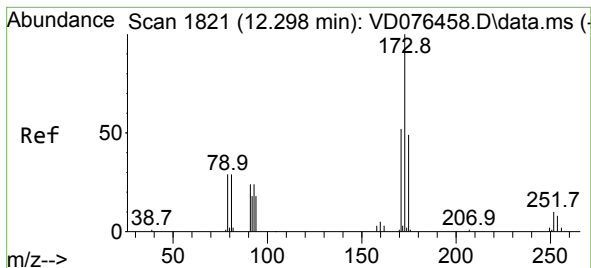
Tgt Ion:106 Resp: 152715
Ion Ratio Lower Upper
106 100
91 206.5 97.9 293.6



#70
Styrene
Concen: 54.441 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion:104 Resp: 264084
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 55.5 43.6 65.4





#71

Bromoform

Concen: 59.567 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

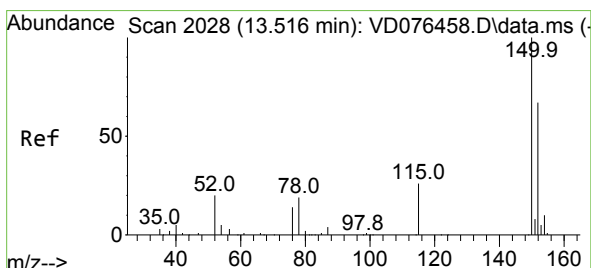
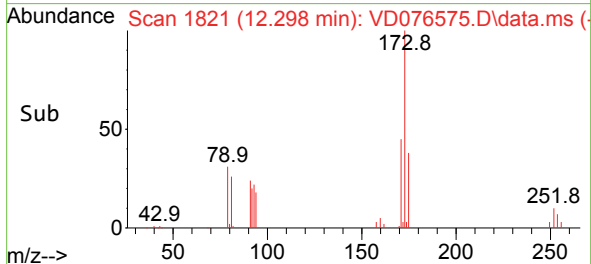
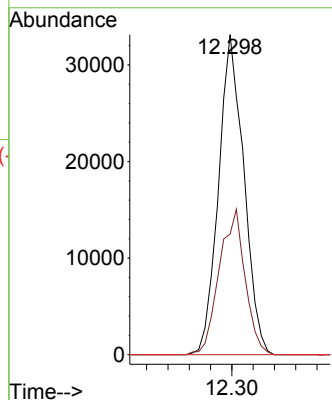
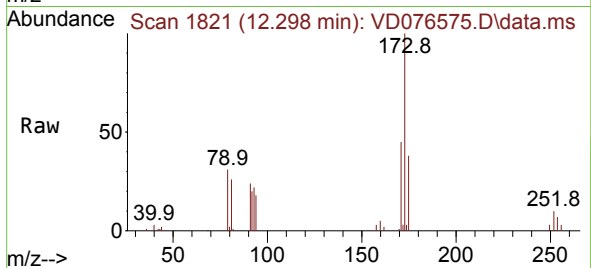
Tgt Ion:173 Resp: 54551

Ion Ratio Lower Upper

173 100

175 46.4 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: VD076575.D

Acq: 26 Jun 2023 11:02

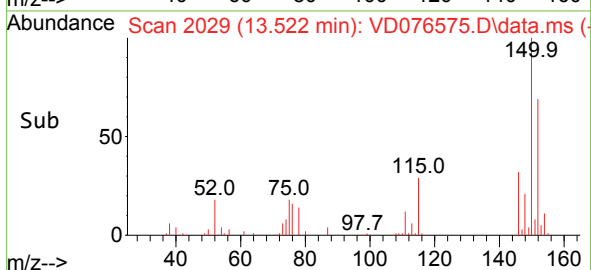
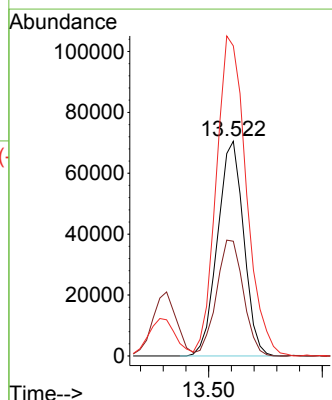
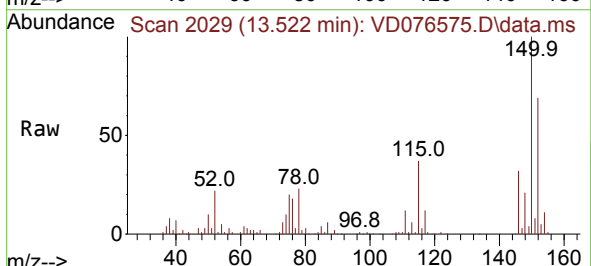
Tgt Ion:152 Resp: 112905

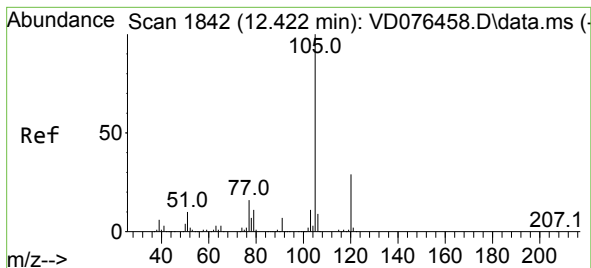
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 170.6 0.0 353.6





#73

Isopropylbenzene

Concen: 53.769 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

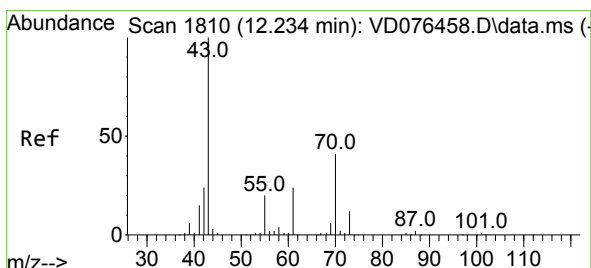
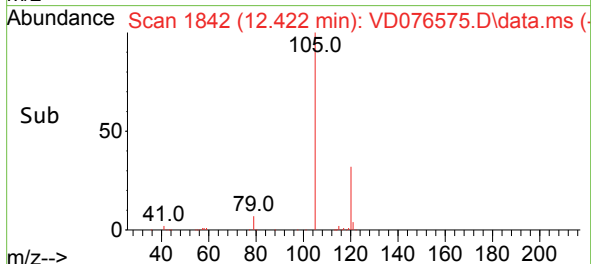
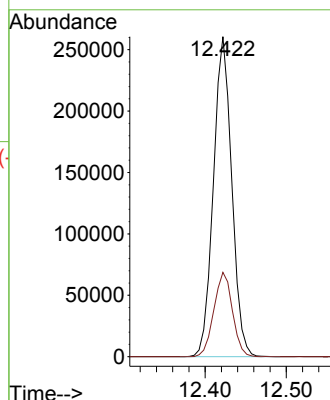
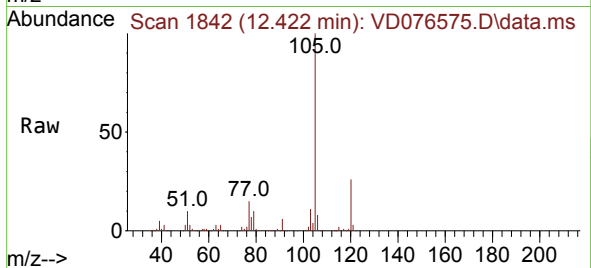
VSTDCCC050

Tgt Ion:105 Resp: 408736

Ion Ratio Lower Upper

105 100

120 26.7 14.3 42.9



#74

N-ethyl acetate

Concen: 49.509 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Tgt Ion: 43 Resp: 110177

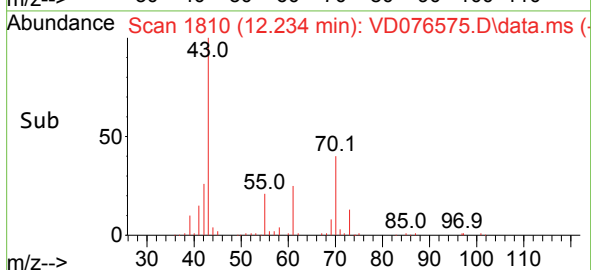
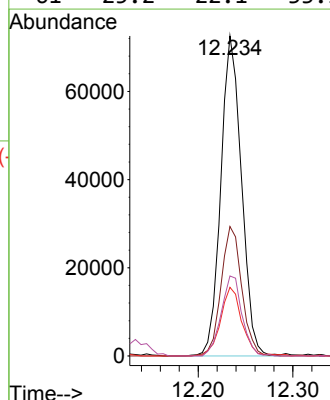
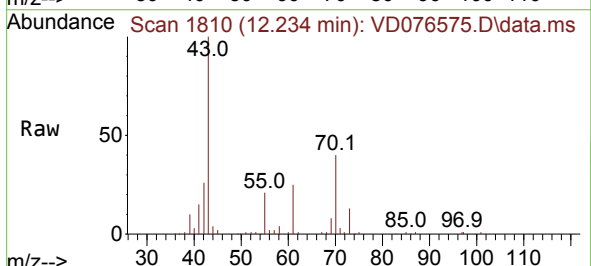
Ion Ratio Lower Upper

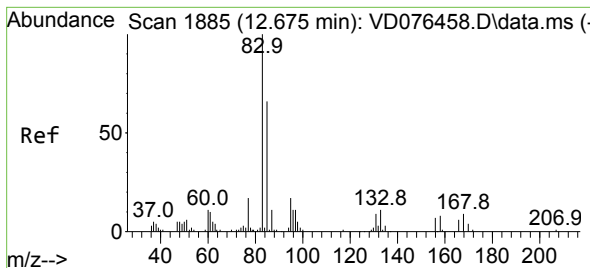
43 100

70 40.5 45.0 67.4#

55 22.4 23.8 35.6#

61 25.2 22.1 33.1

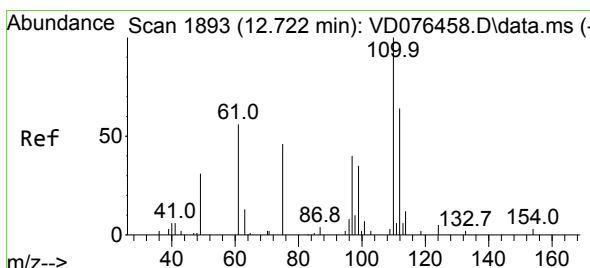
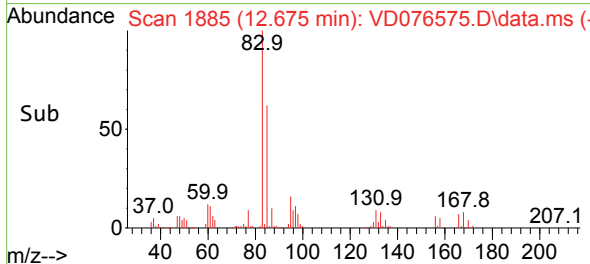
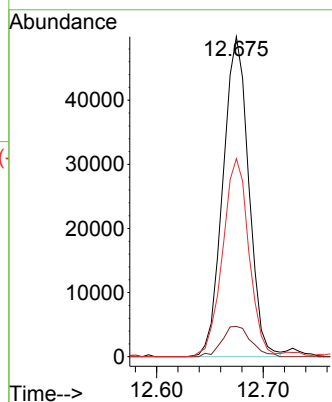
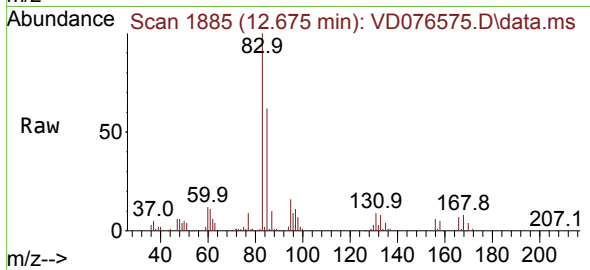




#75
1,1,2,2-Tetrachloroethane
Concen: 53.328 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

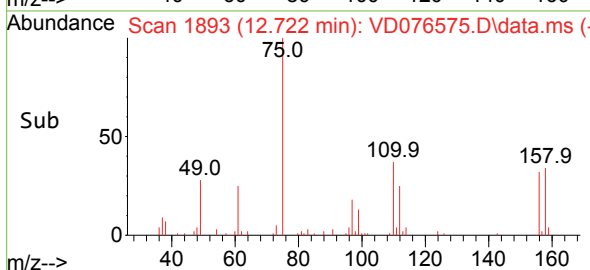
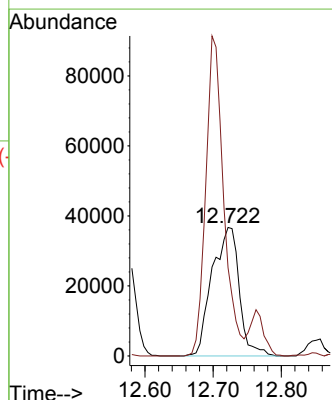
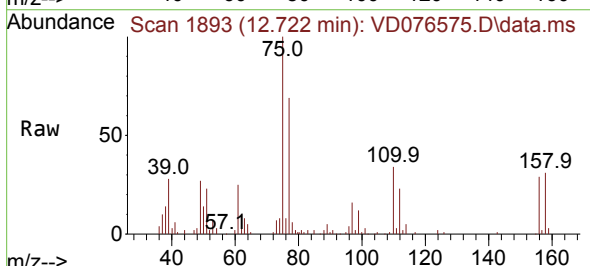
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

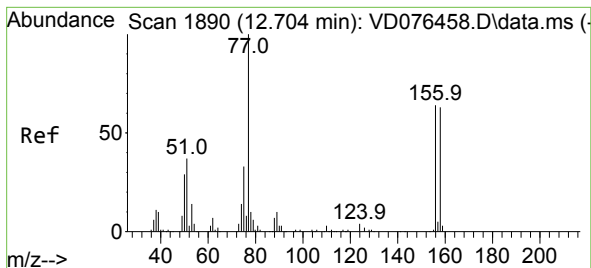
Tgt Ion: 83 Resp: 83651
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 63.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 90.831 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 75 Resp: 101781
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.420 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

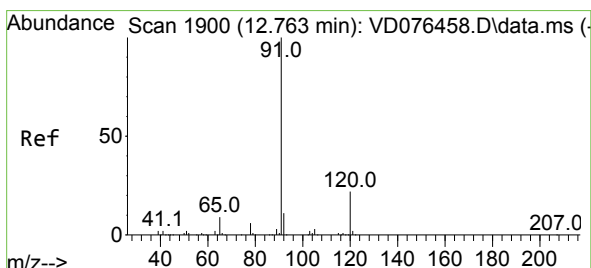
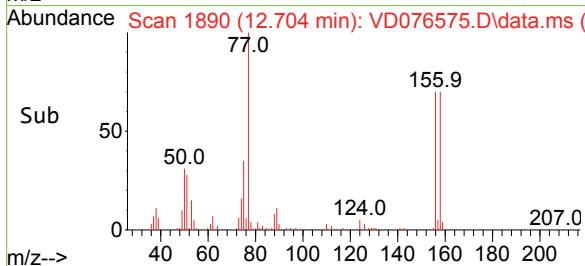
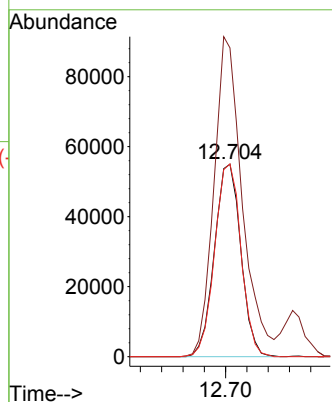
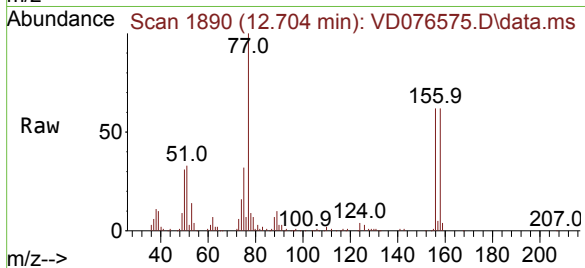
Tgt Ion:156 Resp: 94558

Ion Ratio Lower Upper

156 100

77 177.7 76.8 230.4

158 99.8 48.6 145.9



#78

n-propylbenzene

Concen: 53.102 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076575.D

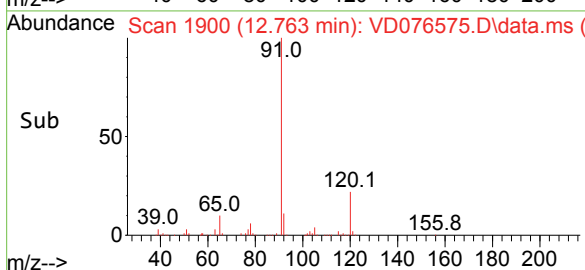
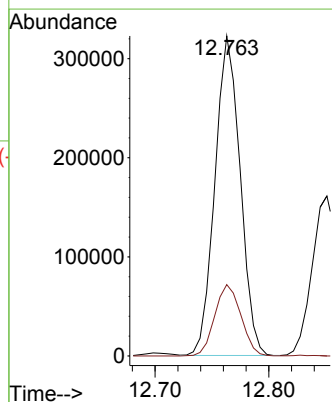
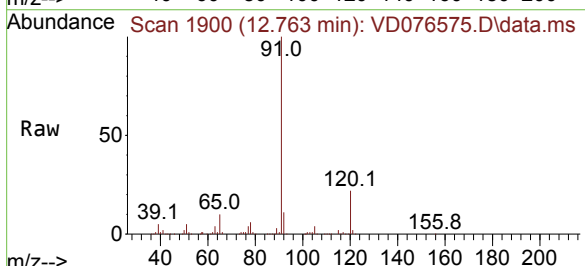
Acq: 26 Jun 2023 11:02

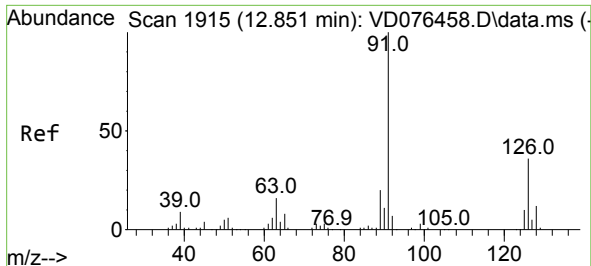
Tgt Ion: 91 Resp: 498421

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

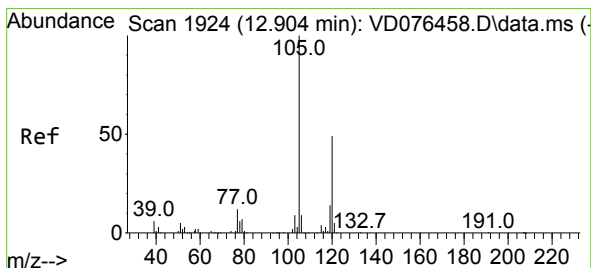
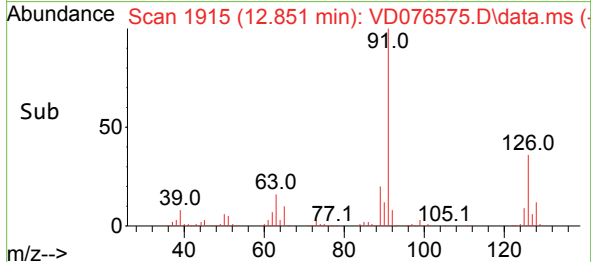
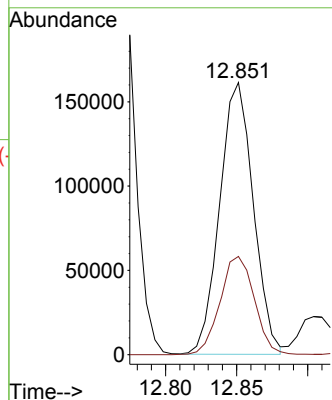
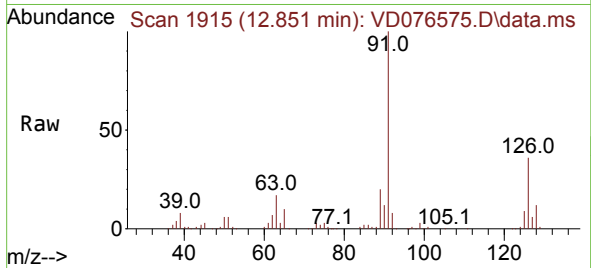




#79
2-Chlorotoluene
Concen: 51.540 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

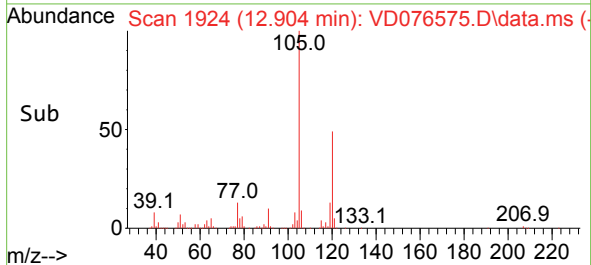
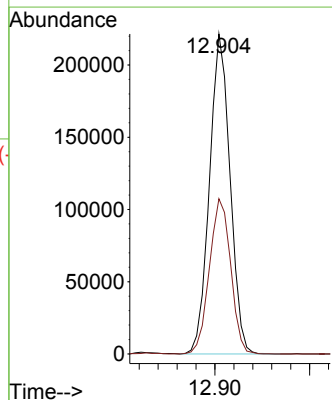
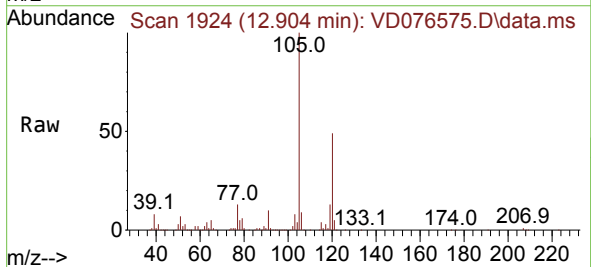
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

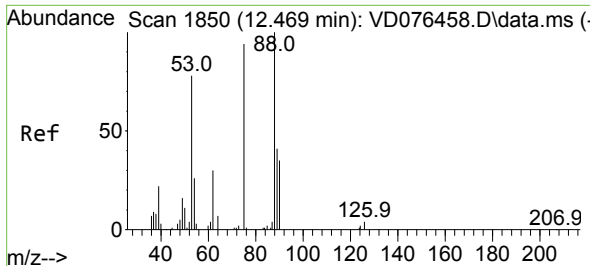
Tgt Ion: 91 Resp: 265647
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.917 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 105 Resp: 334709
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2

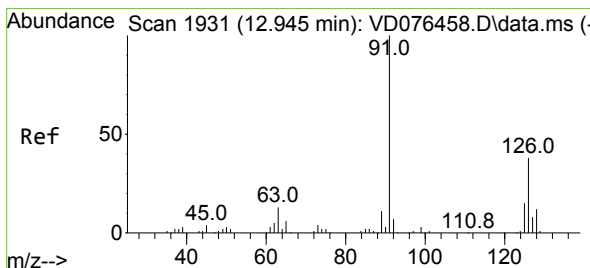
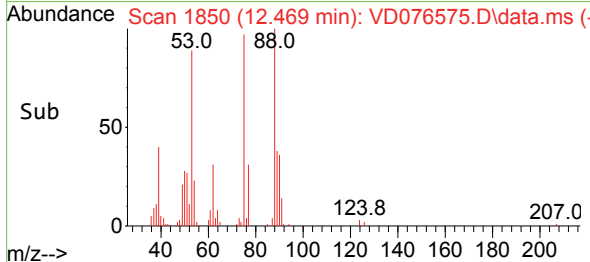
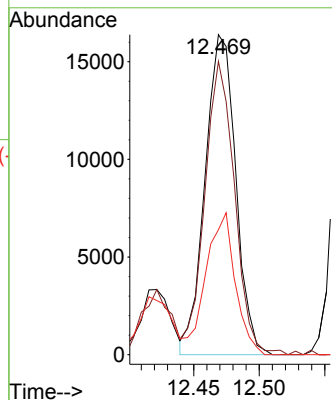
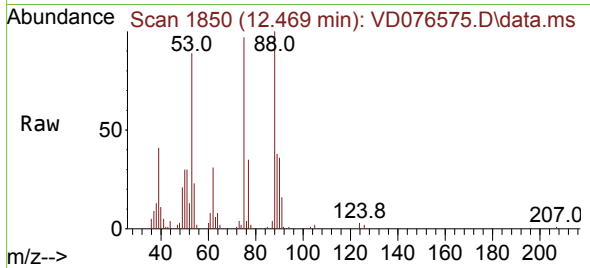




#81
trans-1,4-Dichloro-2-butene
Concen: 52.121 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

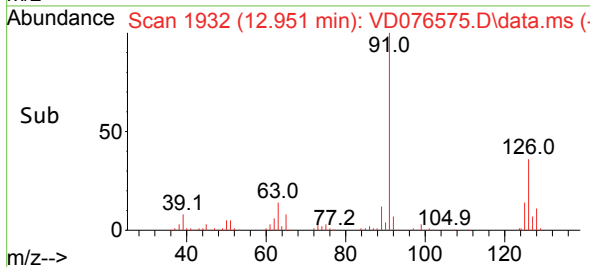
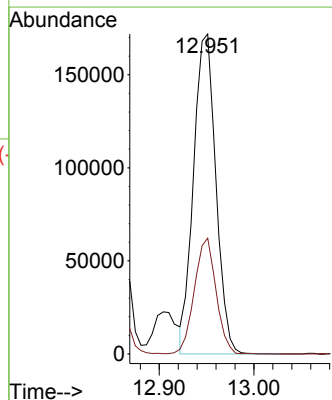
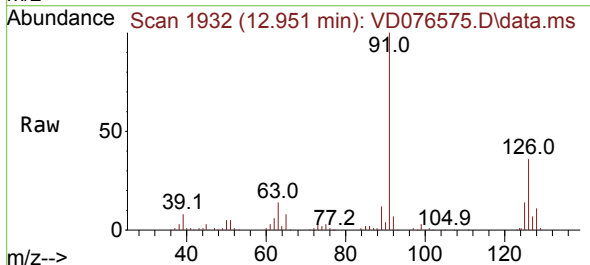
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

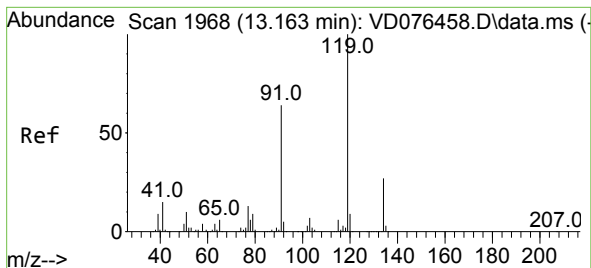
Tgt Ion: 75 Resp: 26654
Ion Ratio Lower Upper
75 100
53 89.1 63.0 94.4
89 42.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.559 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 91 Resp: 281336
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 54.145 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

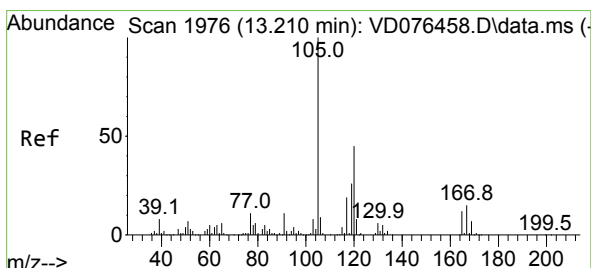
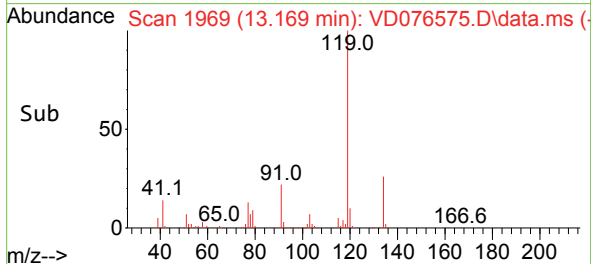
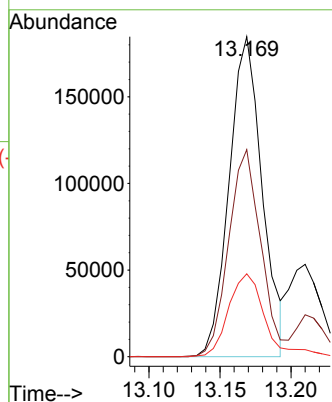
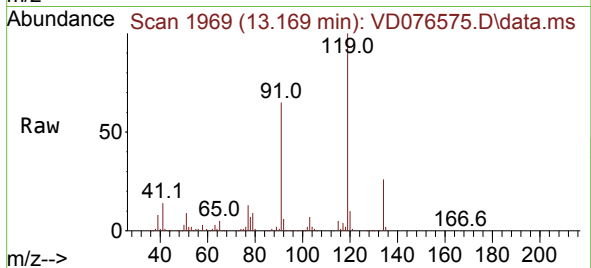
Tgt Ion:119 Resp: 298664

Ion Ratio Lower Upper

119 100

91 63.7 29.3 87.8

134 28.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 53.704 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD076575.D

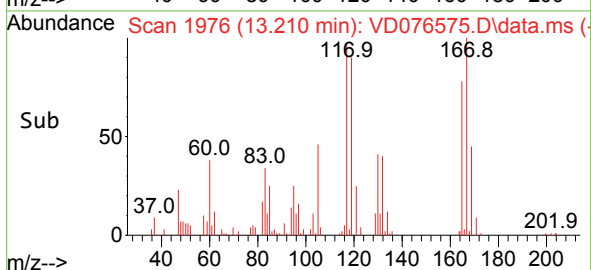
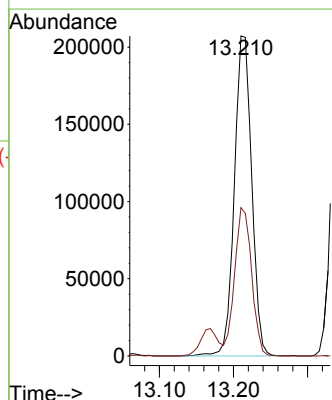
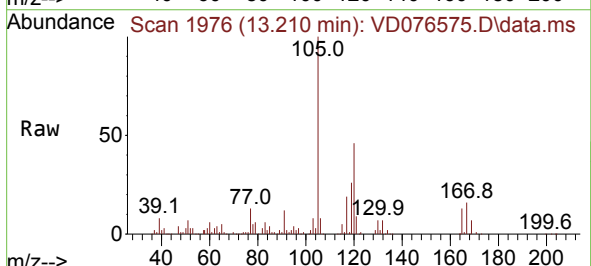
Acq: 26 Jun 2023 11:02

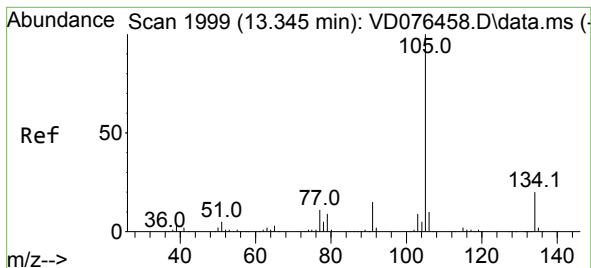
Tgt Ion:105 Resp: 335970

Ion Ratio Lower Upper

105 100

120 45.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 55.650 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

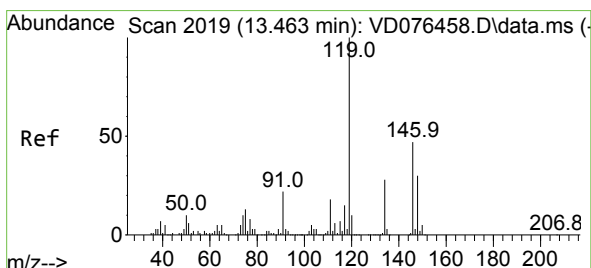
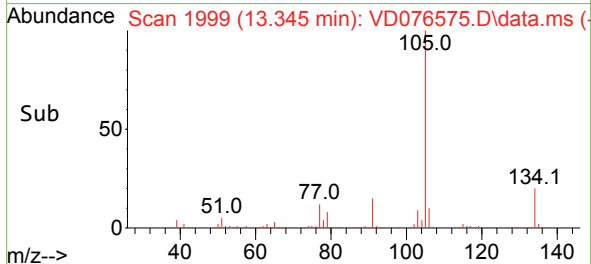
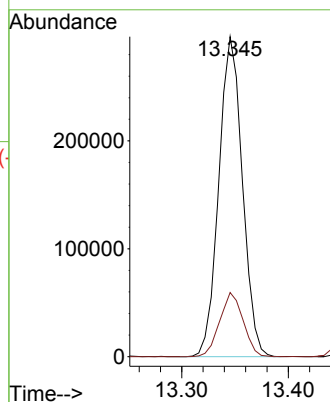
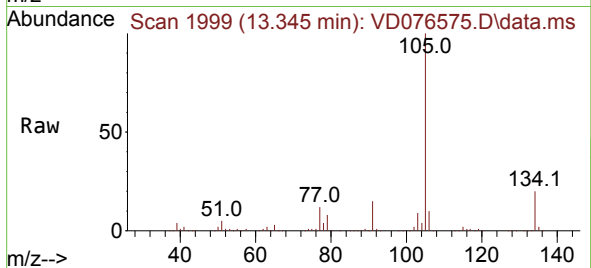
VSTDCCC050

Tgt Ion:105 Resp: 455527

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 54.948 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

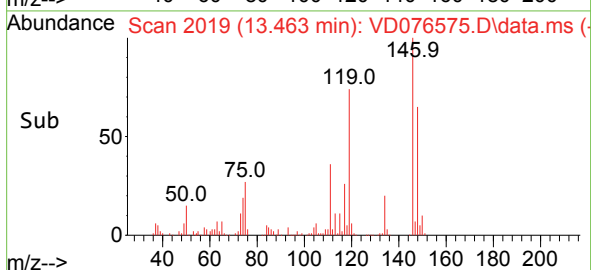
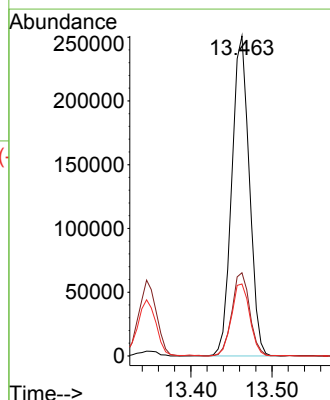
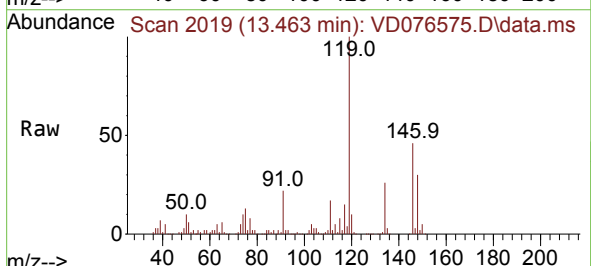
Tgt Ion:119 Resp: 375829

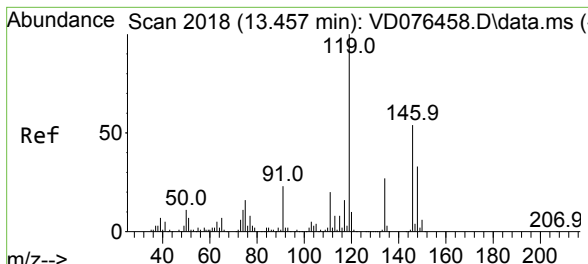
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 23.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.841 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

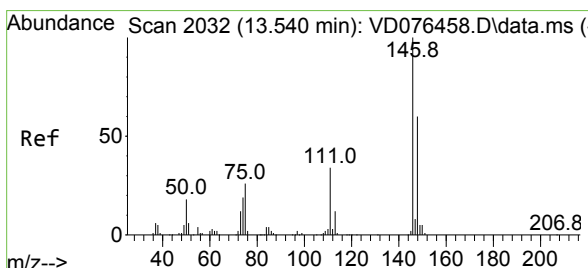
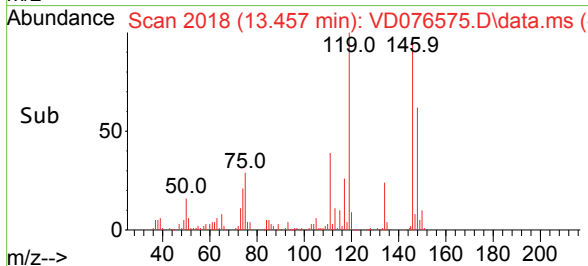
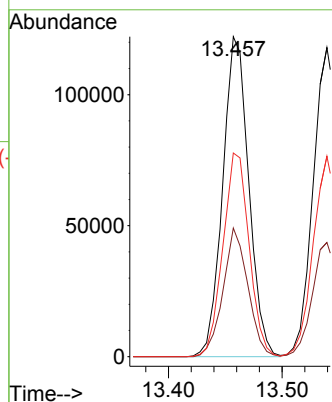
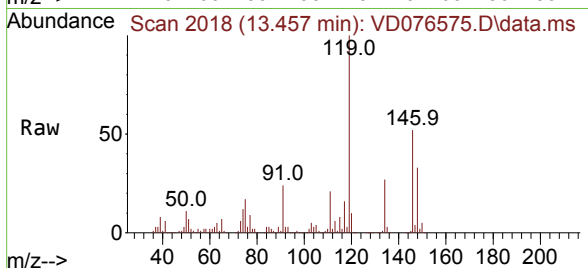
Tgt Ion:146 Resp: 194658

Ion Ratio Lower Upper

146 100

111 38.3 17.9 53.8

148 64.0 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 52.249 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

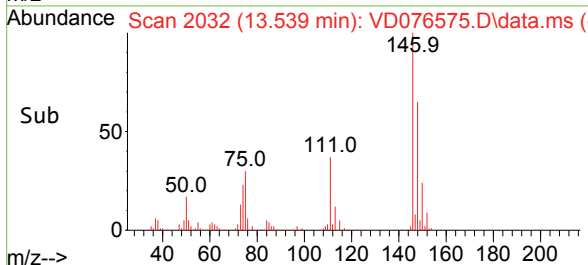
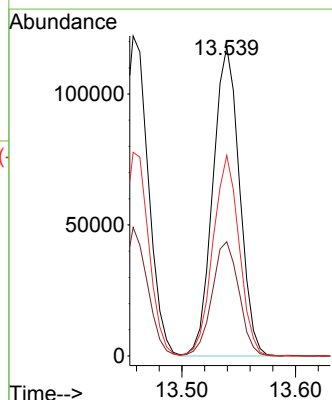
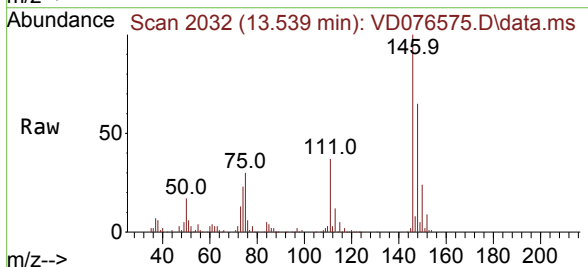
Tgt Ion:146 Resp: 191963

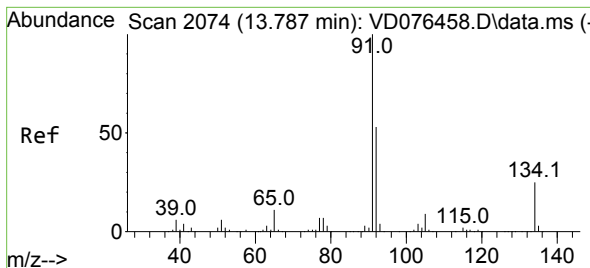
Ion Ratio Lower Upper

146 100

111 37.4 17.4 52.3

148 64.1 31.7 95.1

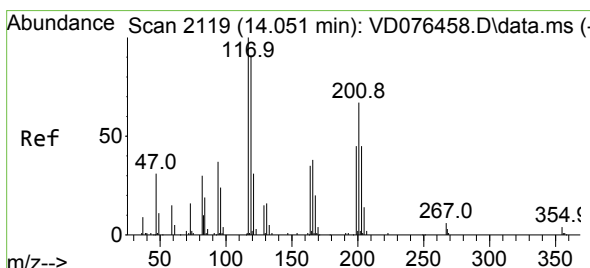
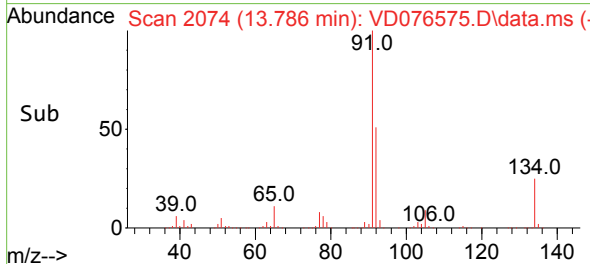
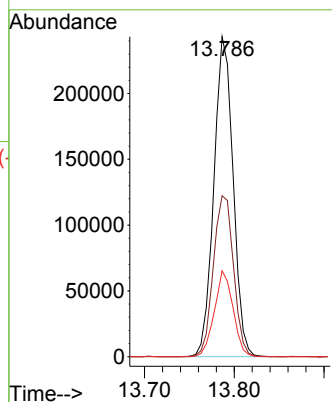
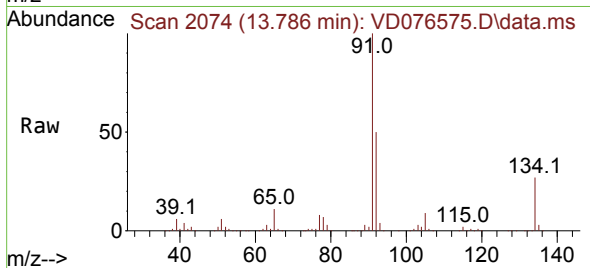




#89
n-Butylbenzene
Concen: 54.233 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

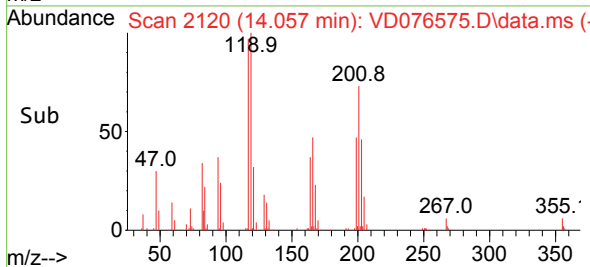
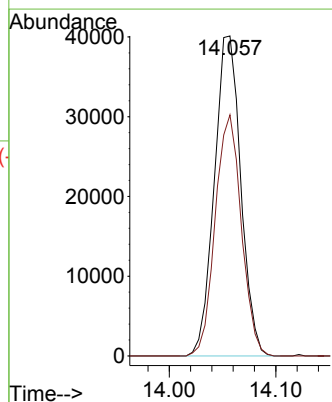
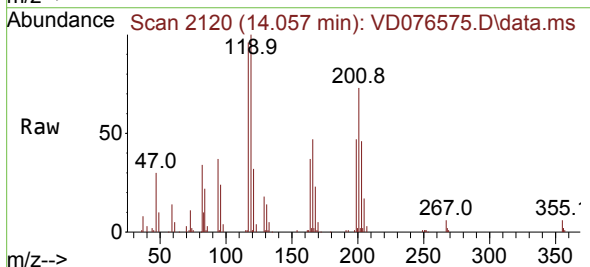
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

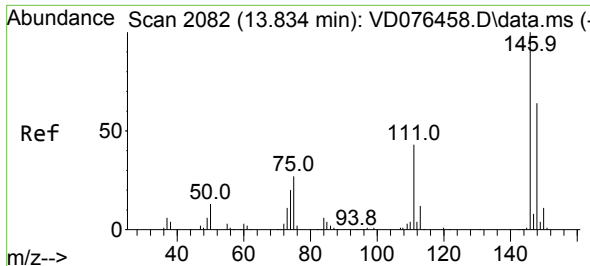
Tgt Ion: 91 Resp: 361805
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 26.1 13.8 41.3



#90
Hexachloroethane
Concen: 54.861 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion: 117 Resp: 69246
Ion Ratio Lower Upper
117 100
201 74.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 52.096 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

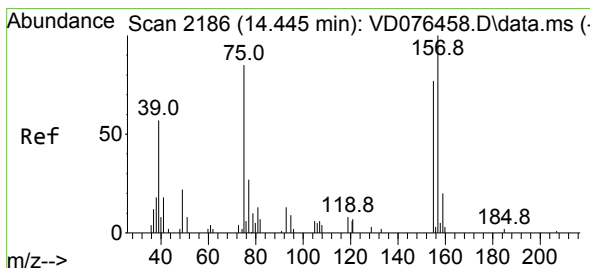
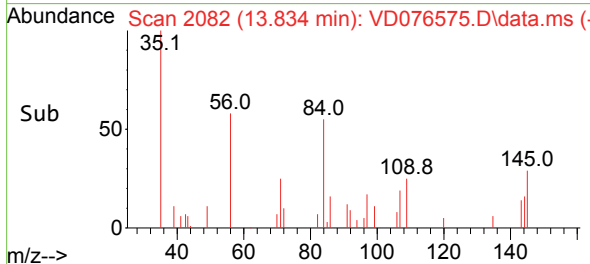
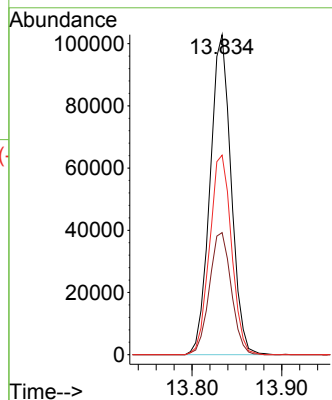
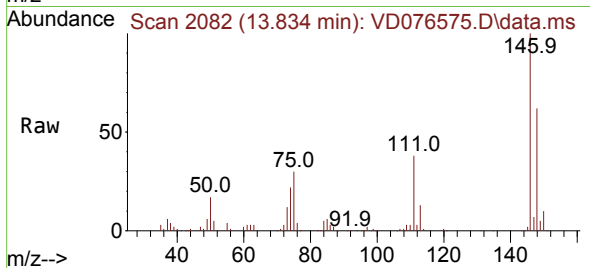
Tgt Ion:146 Resp: 167698

Ion Ratio Lower Upper

146 100

111 39.6 18.3 54.8

148 64.8 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.702 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

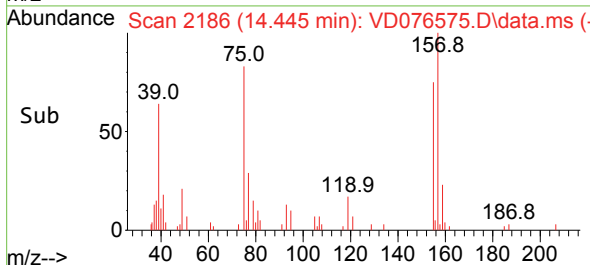
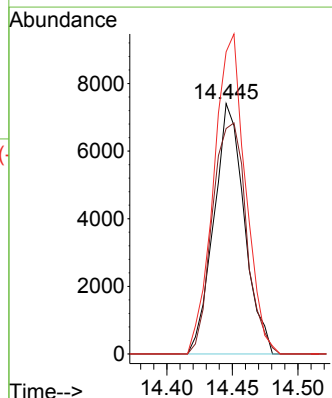
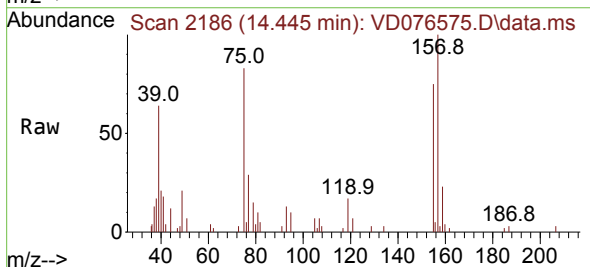
Tgt Ion: 75 Resp: 11971

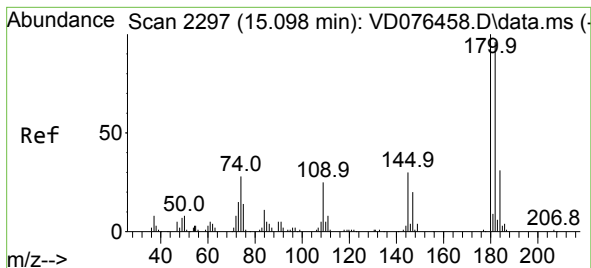
Ion Ratio Lower Upper

75 100

155 103.1 47.9 143.8

157 132.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 53.541 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

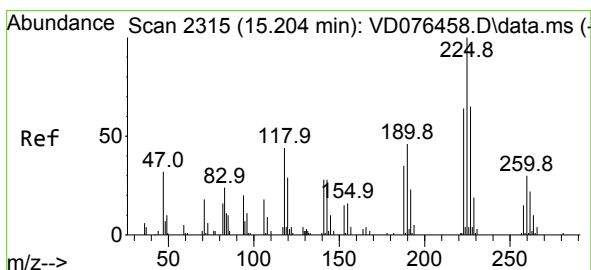
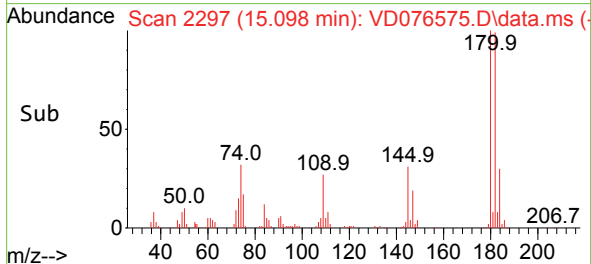
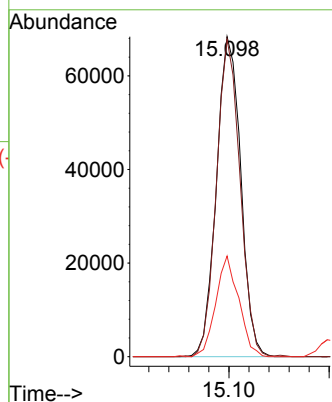
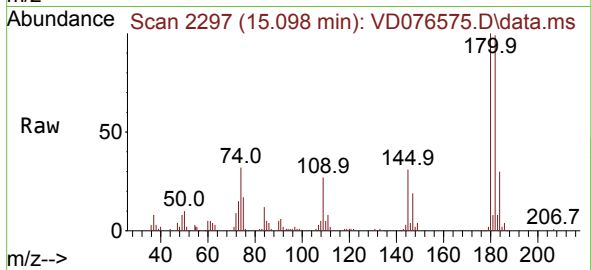
Tgt Ion:180 Resp: 114864

Ion Ratio Lower Upper

180 100

182 96.5 48.5 145.6

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 59.659 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076575.D

Acq: 26 Jun 2023 11:02

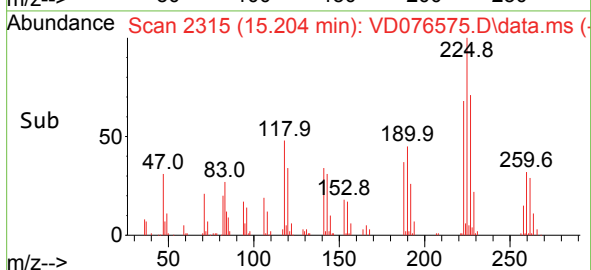
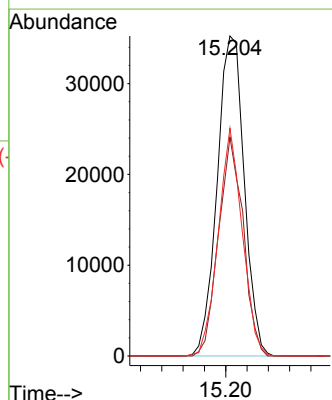
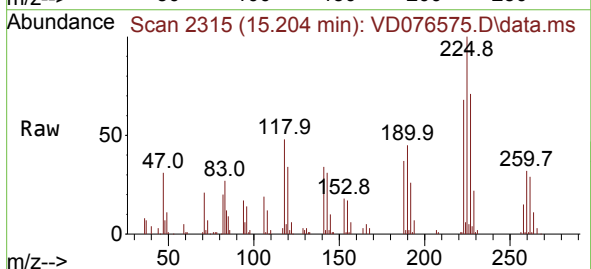
Tgt Ion:225 Resp: 62224

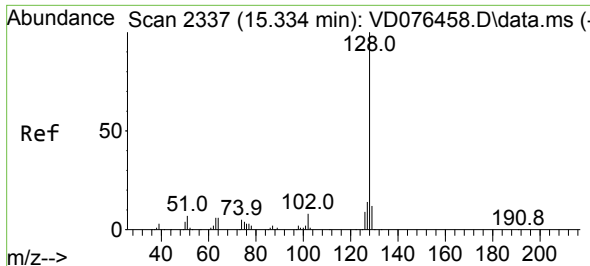
Ion Ratio Lower Upper

225 100

223 62.1 31.6 94.8

227 63.2 31.7 95.1

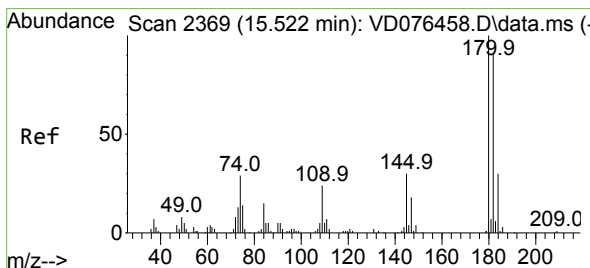
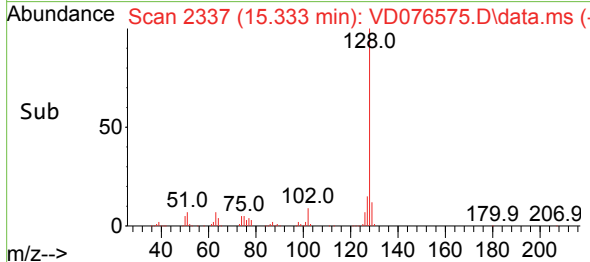
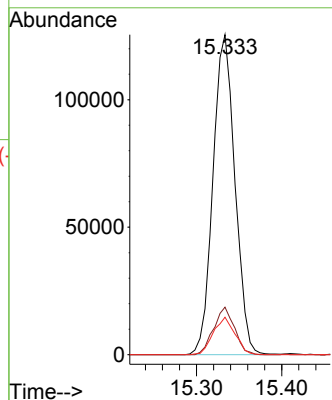
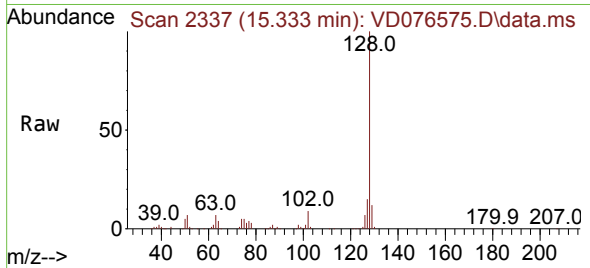




#95
Naphthalene
Concen: 52.442 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 224976
Ion Ratio Lower Upper
128 100
127 14.8 10.5 15.7
129 11.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.041 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076575.D
Acq: 26 Jun 2023 11:02

Tgt Ion:180 Resp: 102879
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 30.7 15.1 45.3

