

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076397.D
 Acq On : 13 Jun 2023 10:47
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 14 05:42:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	269605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	460569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	407831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	189102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	147212	47.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.540%
35) Dibromofluoromethane	7.805	113	147788	49.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.269	98	563271	49.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.575	95	185199	47.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	111823	46.438	ug/l	92
3) Chloromethane	2.146	50	208519	45.732	ug/l	99
4) Vinyl Chloride	2.281	62	227661	52.180	ug/l	99
5) Bromomethane	2.687	94	128800	56.338	ug/l	100
6) Chloroethane	2.828	64	135512	51.577	ug/l	99
7) Trichlorofluoromethane	3.170	101	212402	48.378	ug/l	95
8) Diethyl Ether	3.587	74	70984	45.003	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.964	101	127200	48.186	ug/l	96
10) Methyl Iodide	4.158	142	165534	48.764	ug/l	91
11) Tert butyl alcohol	5.058	59	52414	201.344	ug/l	95
12) 1,1-Dichloroethene	3.934	96	126923	47.145	ug/l #	82
13) Acrolein	3.799	56	77173	258.448	ug/l	99
14) Allyl chloride	4.558	41	241141	45.800	ug/l #	85
15) Acrylonitrile	5.252	53	173032	215.607	ug/l	96
16) Acetone	4.022	43	202287	295.496	ug/l #	78
17) Carbon Disulfide	4.269	76	365297	47.226	ug/l	97
18) Methyl Acetate	4.558	43	139867	44.814	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	336563	45.056	ug/l	95
20) Methylene Chloride	4.799	84	153813	41.864	ug/l #	78
21) trans-1,2-Dichloroethene	5.311	96	143645	45.914	ug/l	85
22) Diisopropyl ether	6.216	45	487905	45.522	ug/l #	91
23) Vinyl Acetate	6.152	43	1242798	269.981	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	273211	45.860	ug/l	95
25) 2-Butanone	7.081	43	253505	236.770	ug/l #	77
26) 2,2-Dichloropropane	7.069	77	246866	46.022	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	170183	45.695	ug/l	83
28) Bromochloromethane	7.428	49	78820	47.651	ug/l #	70
29) Tetrahydrofuran	7.446	42	152183	222.788	ug/l #	76
30) Chloroform	7.593	83	266894	44.949	ug/l	98
31) Cyclohexane	7.875	56	232520	46.667	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	235655	46.471	ug/l	98
36) 1,1-Dichloropropene	8.005	75	203581	46.856	ug/l	96
37) Ethyl Acetate	7.169	43	106963	46.805	ug/l #	89
38) Carbon Tetrachloride	7.993	117	192688	47.767	ug/l	97
39) Methylcyclohexane	9.269	83	244152	48.803	ug/l #	89
40) Benzene	8.246	78	590383	46.740	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	65093	44.525	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	168484	44.794	ug/l	93
43) Isopropyl Acetate	8.358	43	213278	44.513	ug/l #	83
44) Trichloroethene	9.028	130	161695	47.223	ug/l	97
45) 1,2-Dichloropropane	9.305	63	156714	46.681	ug/l	95
46) Dibromomethane	9.393	93	83524	45.082	ug/l	96
47) Bromodichloromethane	9.581	83	208671	45.468	ug/l	99
48) Methyl methacrylate	9.381	41	102641	44.695	ug/l #	68
49) 1,4-Dioxane	9.387	88	19650	893.930	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	538007	226.074	ug/l #	83
52) Toluene	10.334	92	375398	47.013	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	214399	45.675	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	248664	46.064	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	113056	45.686	ug/l	93
56) Ethyl methacrylate	10.599	69	158909	46.239	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	198523	46.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	329203	235.170	ug/l	92
59) 2-Hexanone	10.922	43	403838	242.091	ug/l	80
60) Dibromochloromethane	11.075	129	142109	46.412	ug/l	98
61) 1,2-Dibromoethane	11.175	107	111121	46.284	ug/l	98
64) Tetrachloroethene	10.810	164	131802	47.075	ug/l	91
65) Chlorobenzene	11.604	112	397086	46.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	145847	46.141	ug/l	96
67) Ethyl Benzene	11.681	91	727861	46.748	ug/l	96
68) m/p-Xylenes	11.793	106	557024	94.552	ug/l	87
69) o-Xylene	12.122	106	268402	47.428	ug/l	90
70) Styrene	12.134	104	449550	46.560	ug/l	94
71) Bromoform	12.298	173	85778	46.526	ug/l #	96
73) Isopropylbenzene	12.422	105	694494	48.562	ug/l	97
74) N-amyl acetate	12.234	43	203202	46.592	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.675	83	131183	46.451	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	170040	96.183	ug/l #	100
77) Bromobenzene	12.698	156	159675	47.322	ug/l	84
78) n-propylbenzene	12.763	91	843821	48.407	ug/l	96
79) 2-Chlorotoluene	12.851	91	462503	46.887	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	564269	47.271	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	45082	45.657	ug/l	91
82) 4-Chlorotoluene	12.945	91	490739	47.507	ug/l	92
83) tert-Butylbenzene	13.169	119	497620	48.579	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	562193	47.669	ug/l	95
85) sec-Butylbenzene	13.345	105	736490	48.849	ug/l	97
86) p-Isopropyltoluene	13.463	119	618915	48.752	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	314569	48.172	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	307362	47.627	ug/l	97
89) n-Butylbenzene	13.787	91	594787	48.763	ug/l	99
90) Hexachloroethane	14.057	117	114850	49.023	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	271673	47.305	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20184	43.508	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	189085	49.193	ug/l	95
94) Hexachlorobutadiene	15.204	225	97734	50.541	ug/l	98
95) Naphthalene	15.334	128	361011	46.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	159468	48.036	ug/l	97

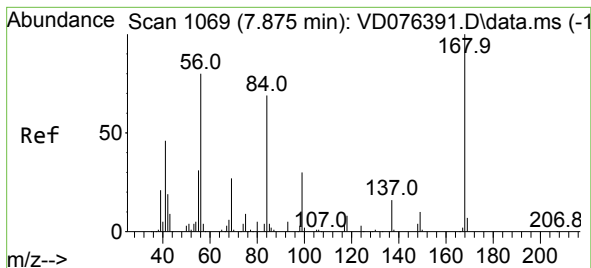
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Quant Title : SW846 8260
QLast Update : Tue Jun 13 02:01:34 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

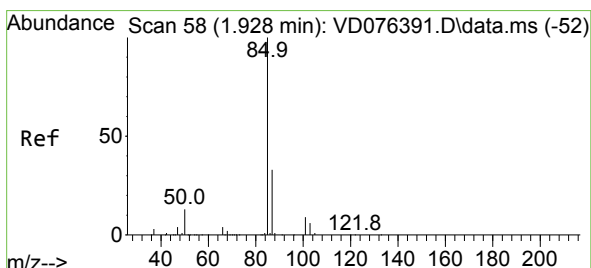
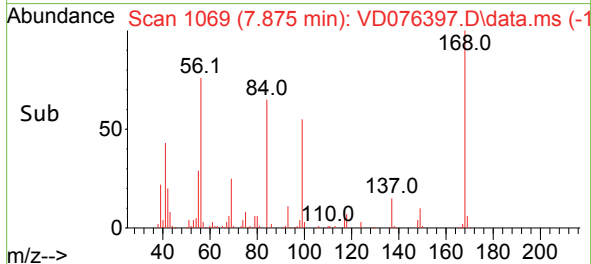
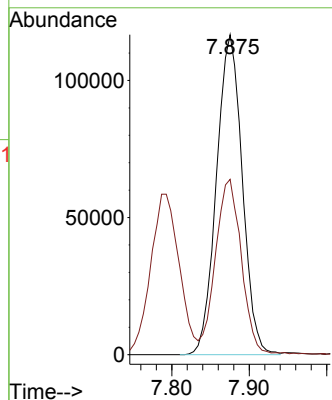
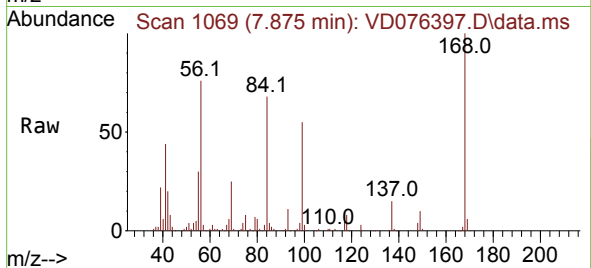
VSTDCCC050

Tgt Ion:168 Resp: 269605

Ion Ratio Lower Upper

168 100

99 54.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 46.438 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076397.D

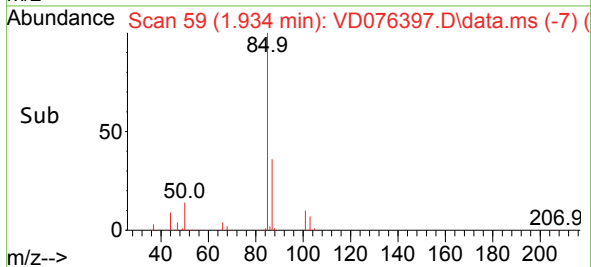
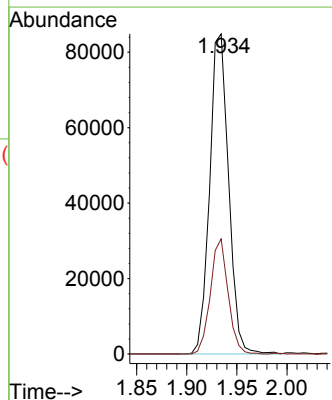
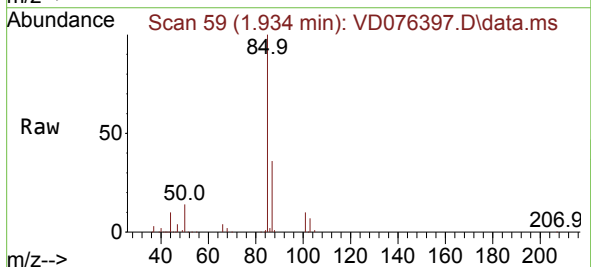
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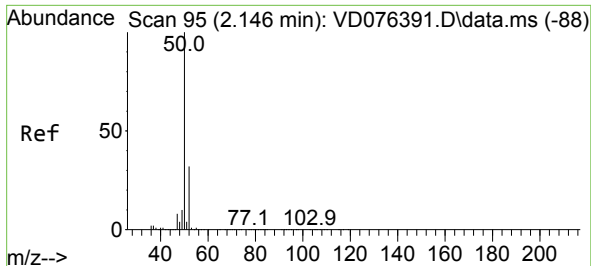
Tgt Ion: 85 Resp: 111823

Ion Ratio Lower Upper

85 100

87 35.9 15.7 47.0

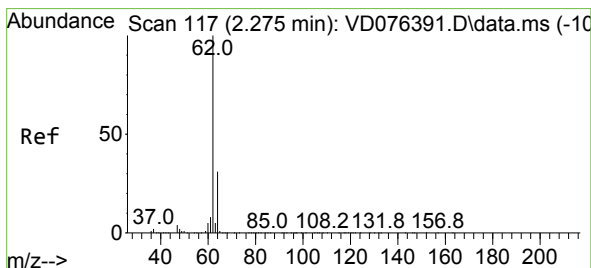
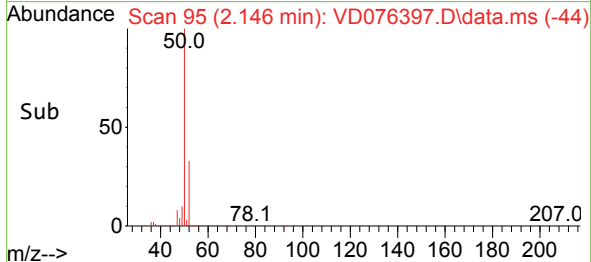
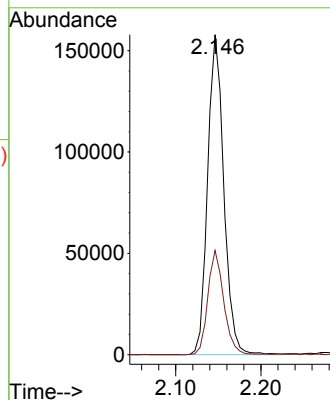
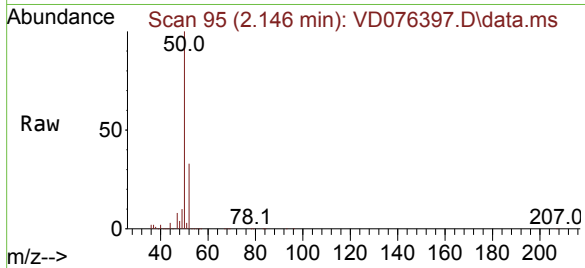




#3
Chloromethane
Concen: 45.732 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076397.D
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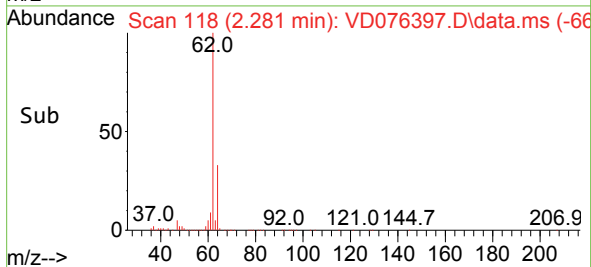
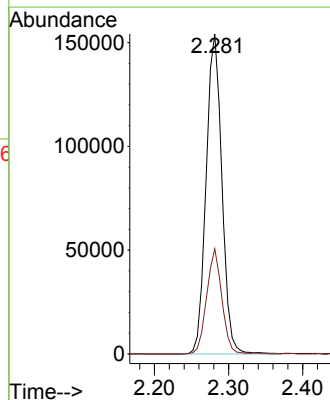
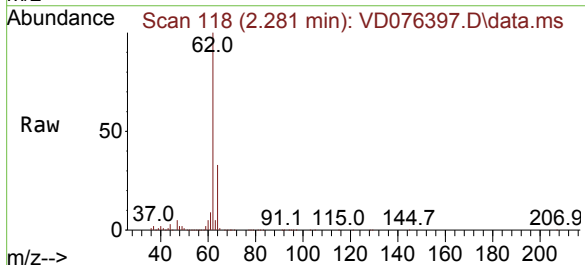
Instrument :
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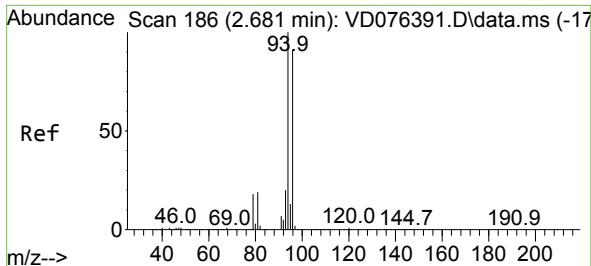
Tgt Ion: 50 Resp: 208519
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 52.180 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 62 Resp: 227661
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

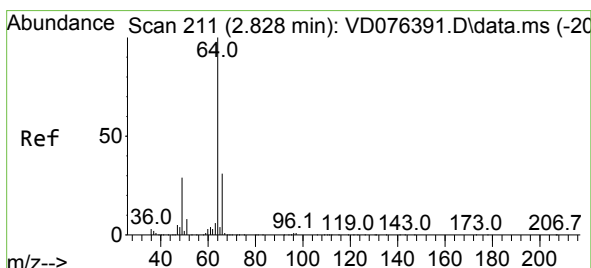
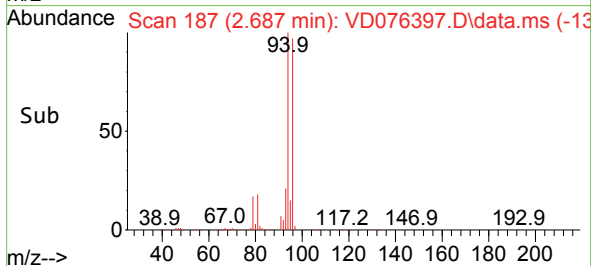
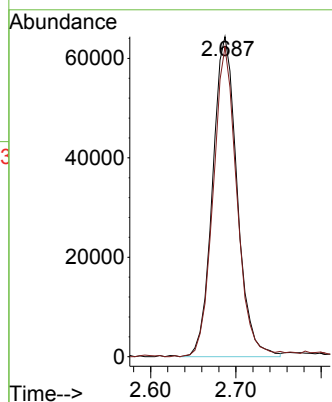
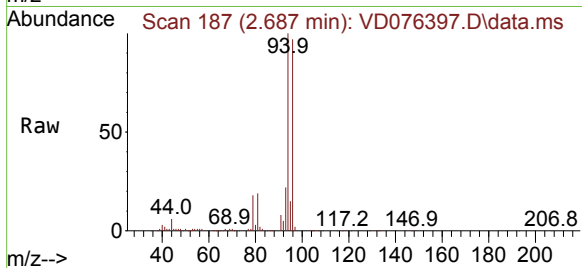




#5
Bromomethane
Concen: 56.338 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

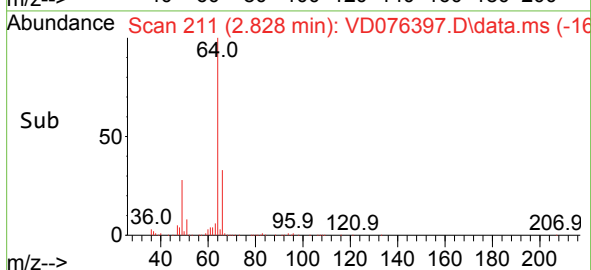
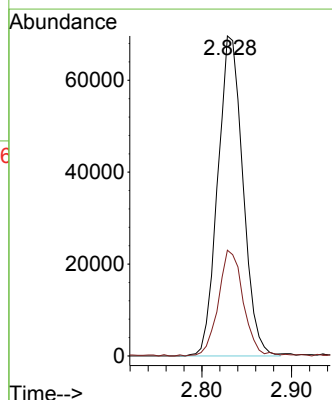
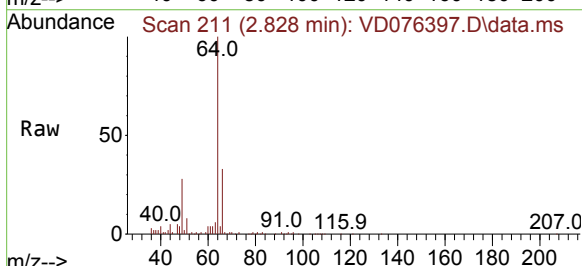
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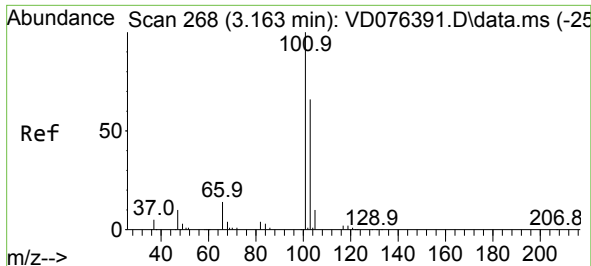
Tgt Ion: 94 Resp: 128800
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.8



#6
Chloroethane
Concen: 51.577 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 64 Resp: 135512
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3

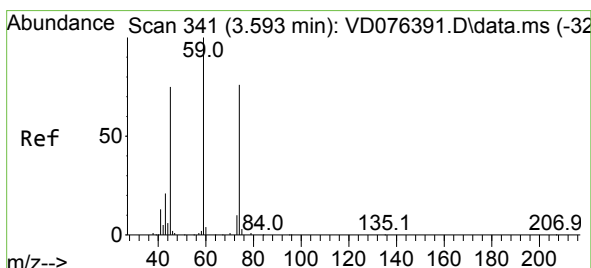
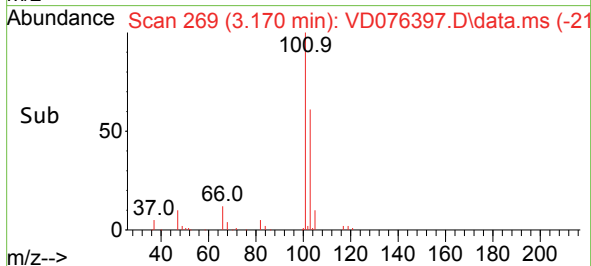
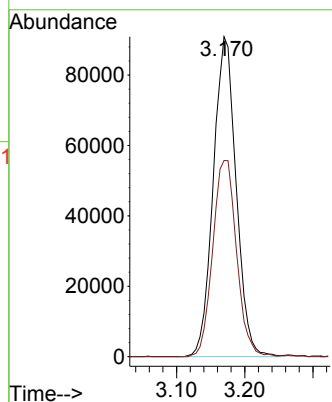
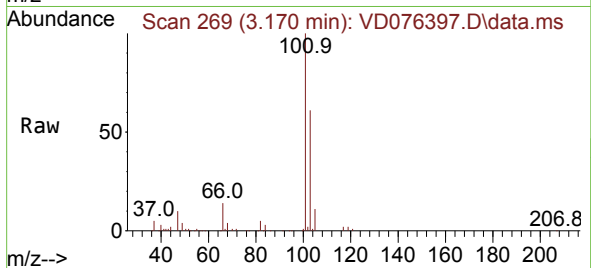




#7
Trichlorofluoromethane
Concen: 48.378 ug/l
RT: 3.170 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

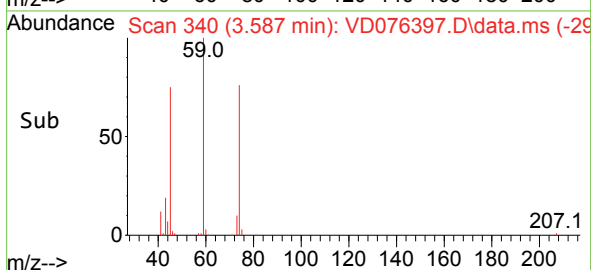
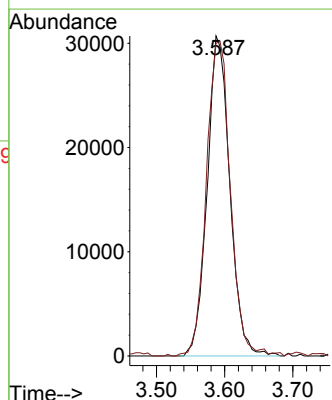
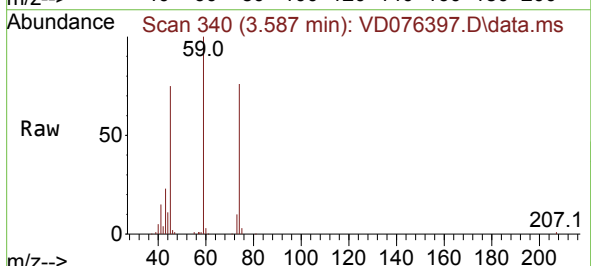
Instrument :
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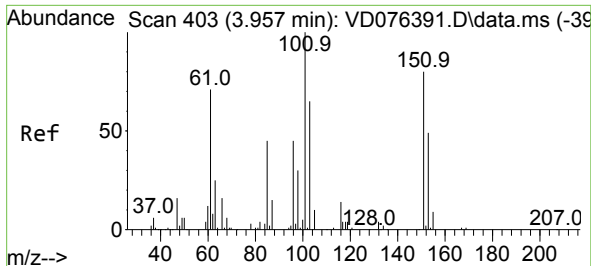
Tgt Ion:101 Resp: 212402
Ion Ratio Lower Upper
101 100
103 61.3 52.3 78.5



#8
Diethyl Ether
Concen: 45.003 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 74 Resp: 70984
Ion Ratio Lower Upper
74 100
45 104.6 37.5 112.7

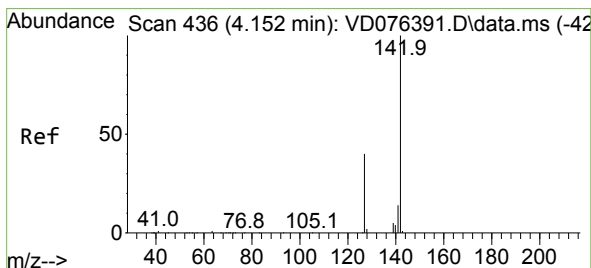
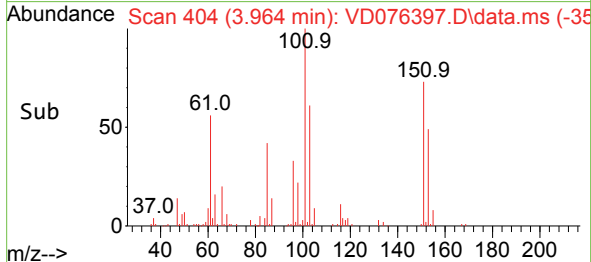
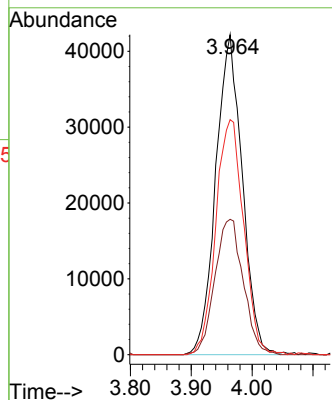
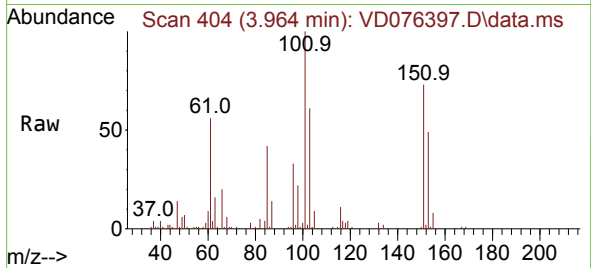




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.186 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD076397.D
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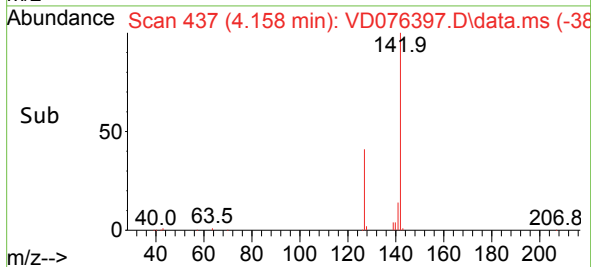
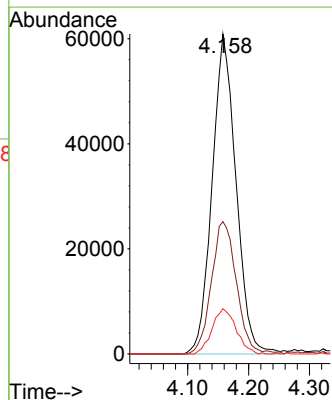
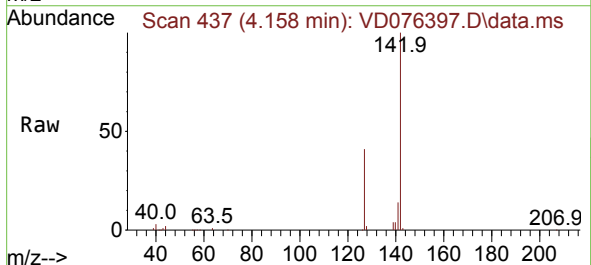
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

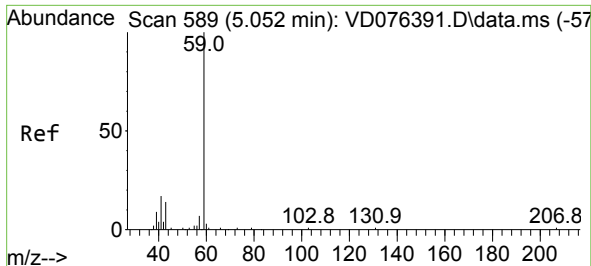
Tgt Ion:101 Resp: 127200
Ion Ratio Lower Upper
101 100
85 45.4 33.8 50.6
151 77.2 59.8 89.6



#10
Methyl Iodide
Concen: 48.764 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion:142 Resp: 165534
Ion Ratio Lower Upper
142 100
127 43.5 29.4 44.0
141 14.3 11.1 16.7

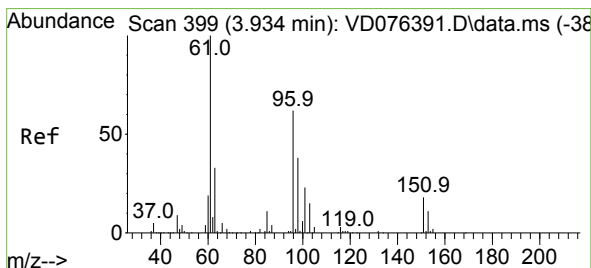
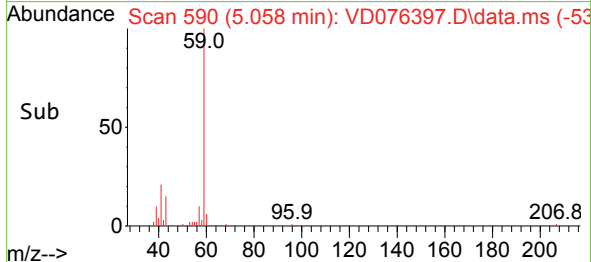
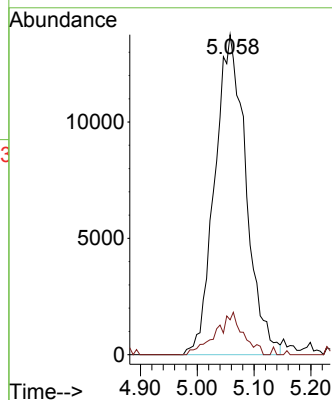
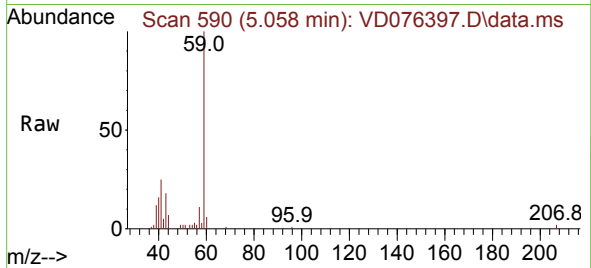




#11
Tert butyl alcohol
Concen: 201.344 ug/l
RT: 5.058 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

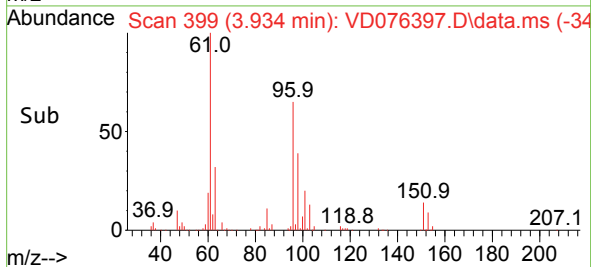
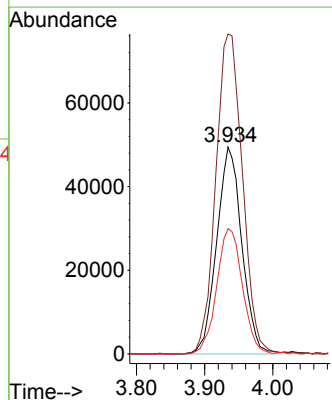
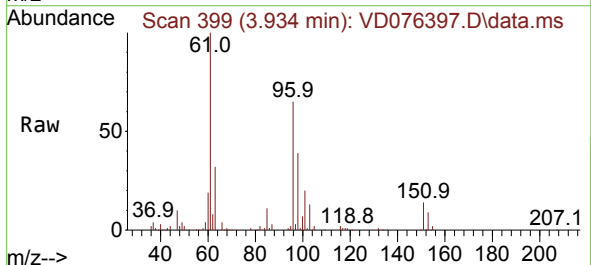
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

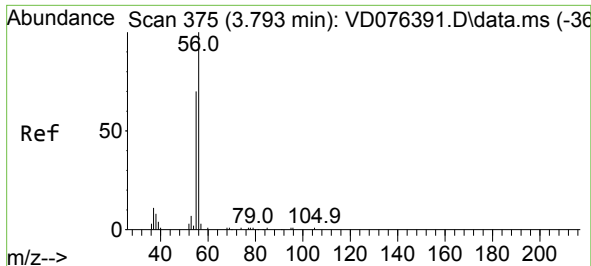
Tgt Ion: 59 Resp: 52414
Ion Ratio Lower Upper
59 100
57 11.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.145 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 96 Resp: 126923
Ion Ratio Lower Upper
96 100
61 154.7 100.6 150.8#
98 60.6 50.2 75.2





#13

Acrolein

Concen: 258.448 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

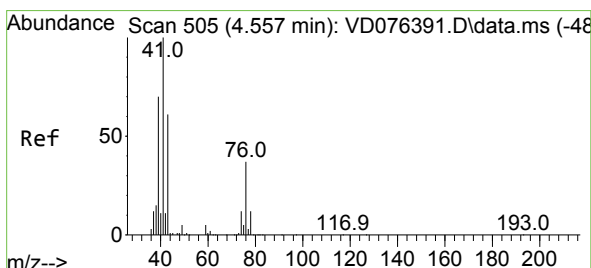
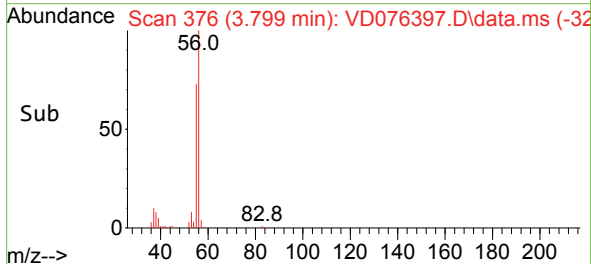
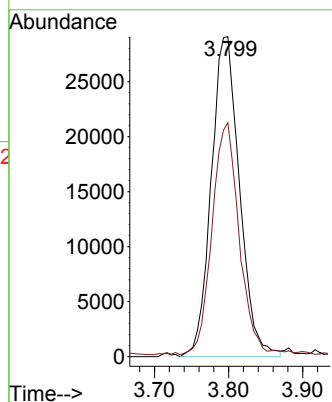
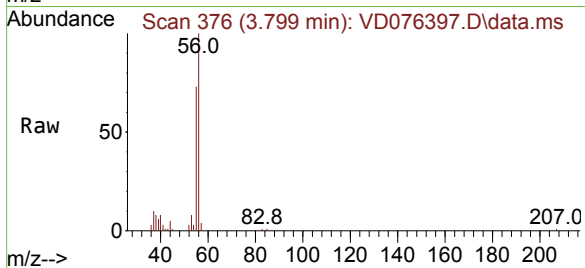
VSTDCCC050

Tgt Ion: 56 Resp: 77173

Ion Ratio Lower Upper

56 100

55 69.6 55.1 82.7



#14

Allyl chloride

Concen: 45.800 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

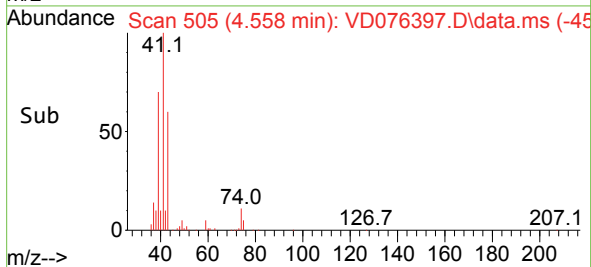
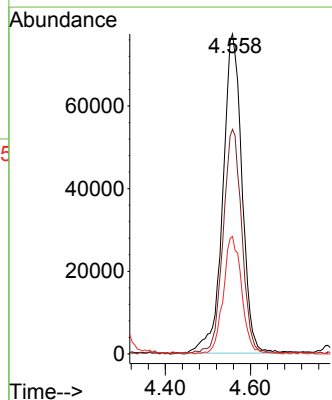
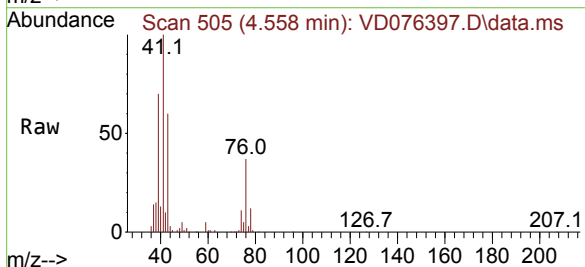
Tgt Ion: 41 Resp: 241141

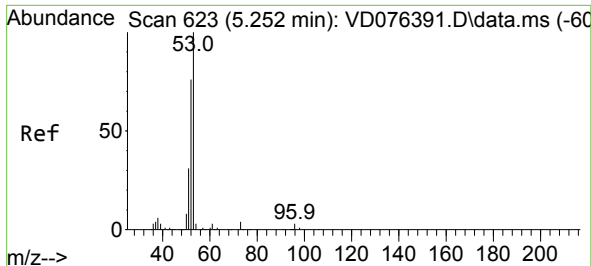
Ion Ratio Lower Upper

41 100

39 69.1 53.8 80.6

76 35.6 45.8 68.8#

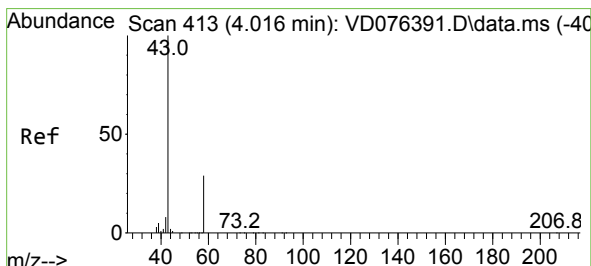
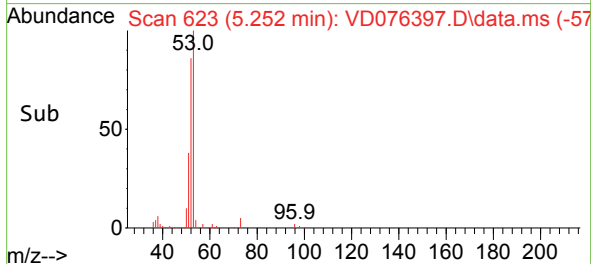
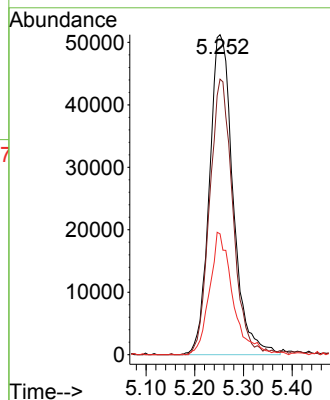
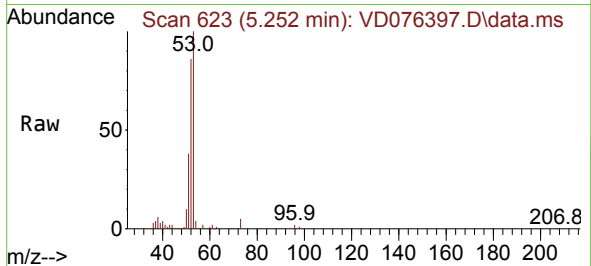




#15
Acrylonitrile
Concen: 215.607 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

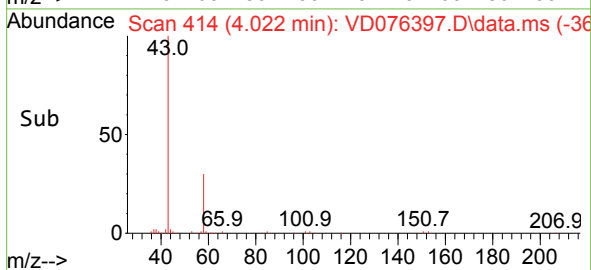
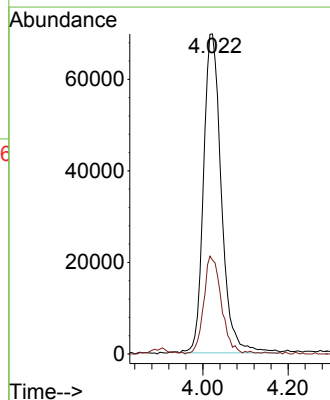
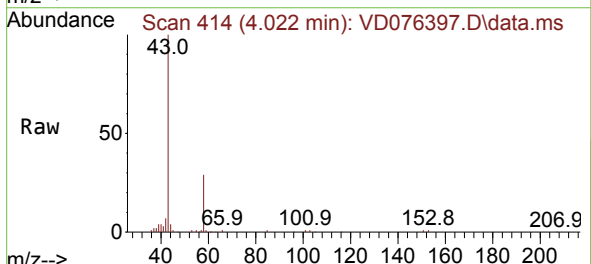
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

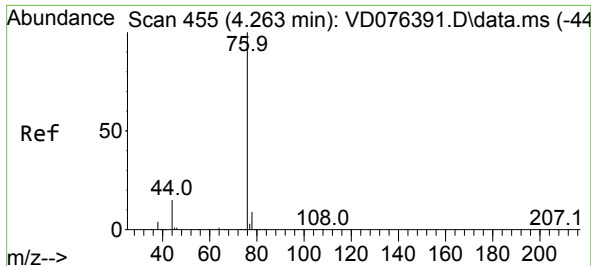
Tgt Ion: 53 Resp: 173032
Ion Ratio Lower Upper
53 100
52 84.3 65.0 97.4
51 37.9 28.3 42.5



#16
Acetone
Concen: 295.496 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 43 Resp: 202287
Ion Ratio Lower Upper
43 100
58 29.1 34.7 52.1#

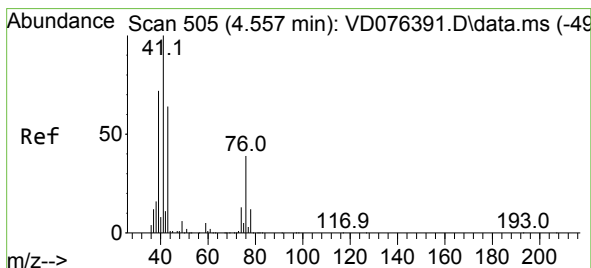
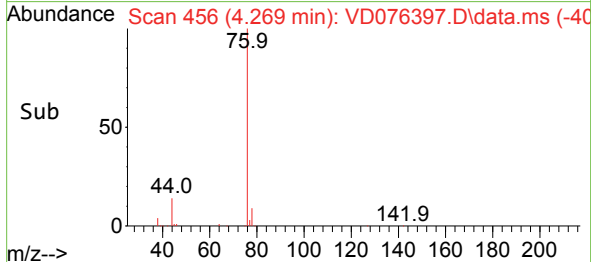
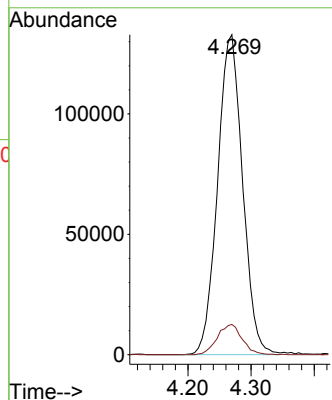
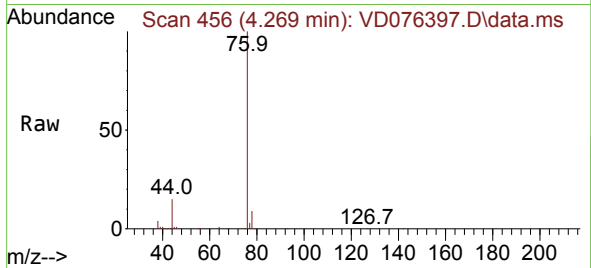




#17
Carbon Disulfide
Concen: 47.226 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

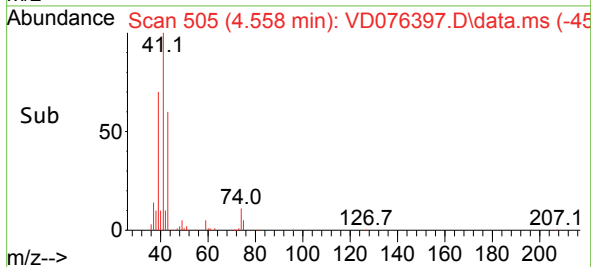
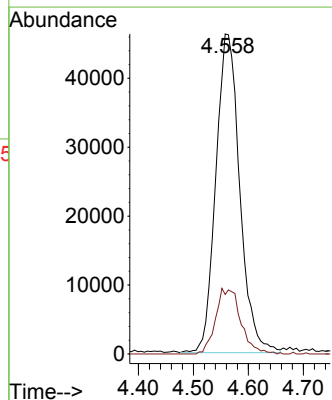
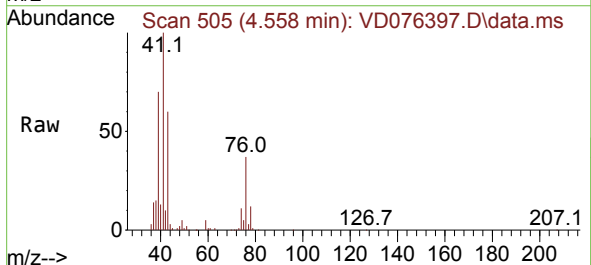
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

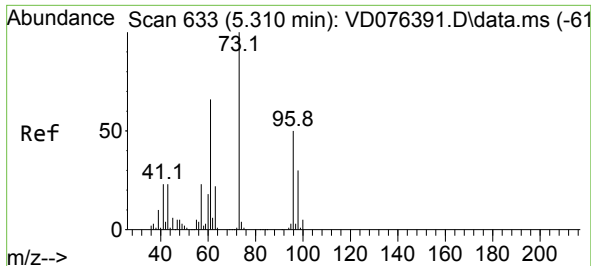
Tgt Ion: 76 Resp: 365297
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 44.814 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.001 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 43 Resp: 139867
Ion Ratio Lower Upper
43 100
74 21.5 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 45.056 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

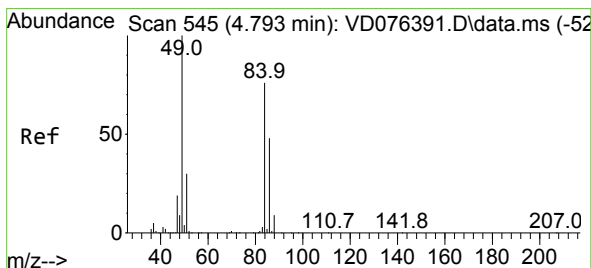
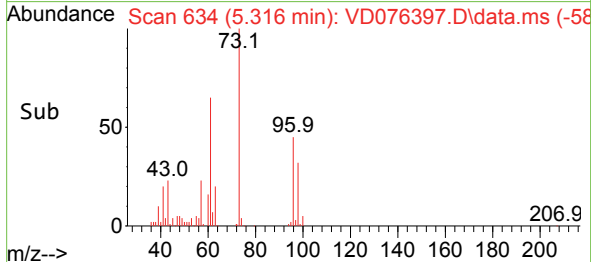
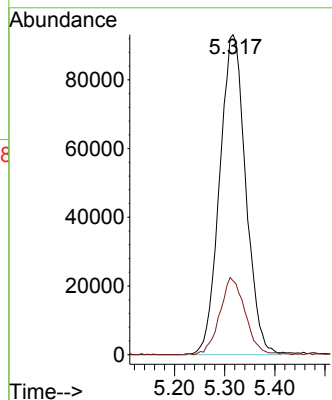
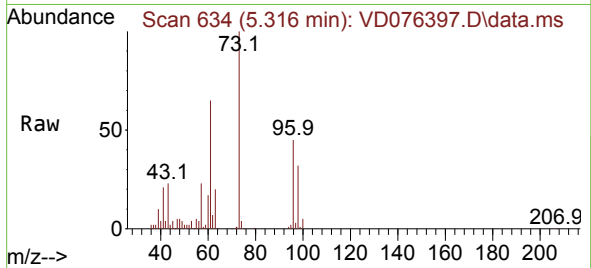
VSTDCCC050

Tgt Ion: 73 Resp: 336563

Ion Ratio Lower Upper

73 100

57 23.1 16.6 25.0



#20

Methylene Chloride

Concen: 41.864 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Tgt Ion: 84 Resp: 153813

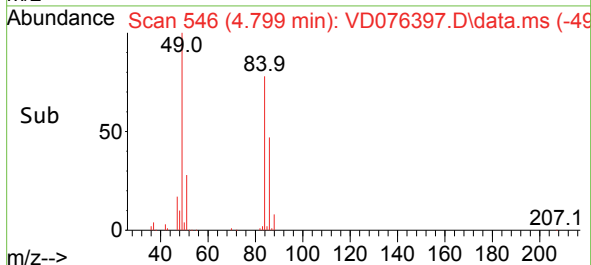
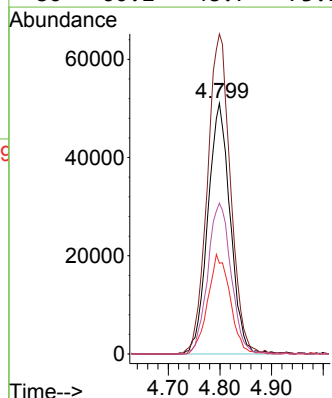
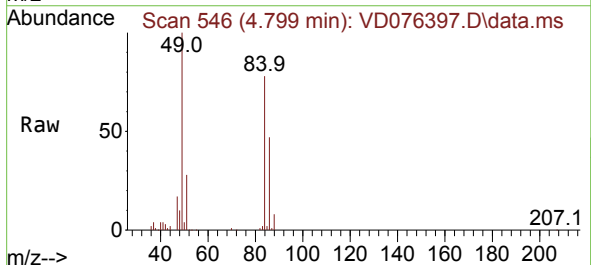
Ion Ratio Lower Upper

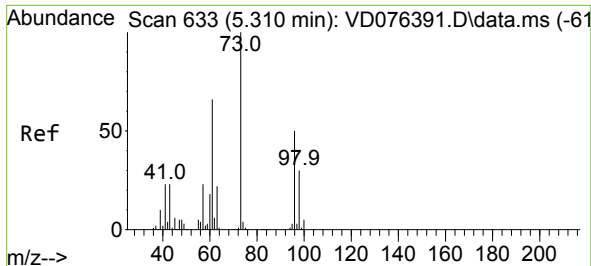
84 100

49 127.1 71.4 107.2#

51 36.2 24.5 36.7

86 60.2 48.7 73.1

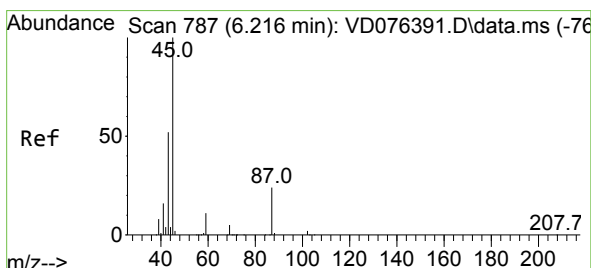
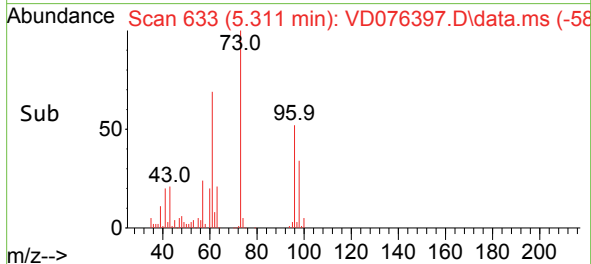
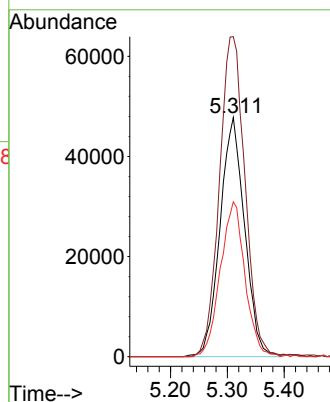
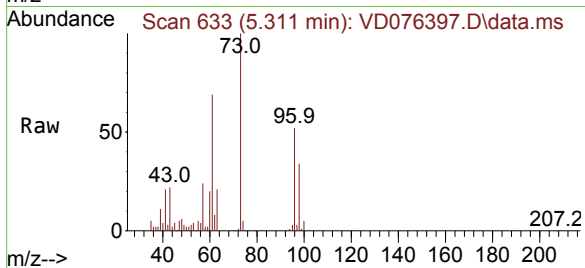




#21
trans-1,2-Dichloroethene
Concen: 45.914 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

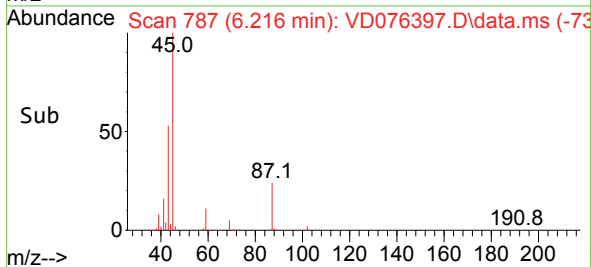
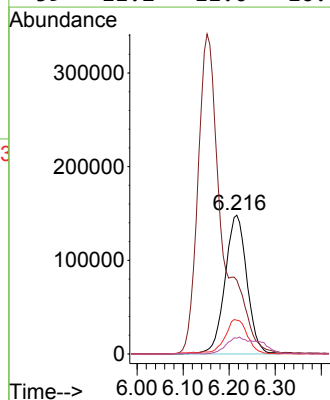
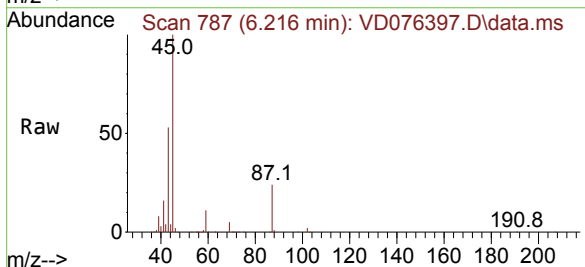
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

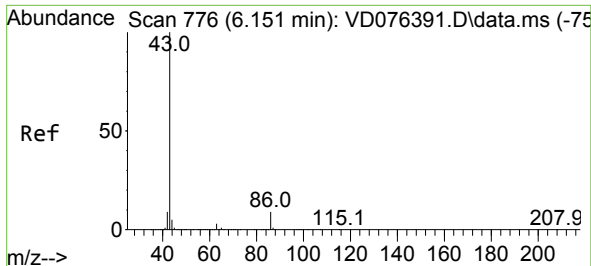
Tgt Ion: 96 Resp: 143645
Ion Ratio Lower Upper
96 100
61 133.8 89.3 133.9
98 64.8 48.6 73.0



#22
Diisopropyl ether
Concen: 45.522 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 45 Resp: 487905
Ion Ratio Lower Upper
45 100
43 52.2 40.0 60.0
87 24.2 28.2 42.4#
59 11.2 11.0 16.4

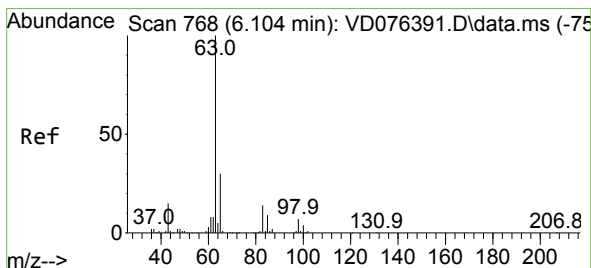
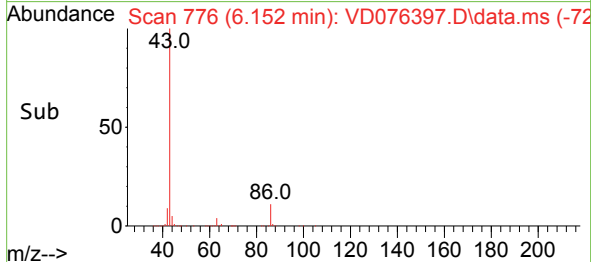
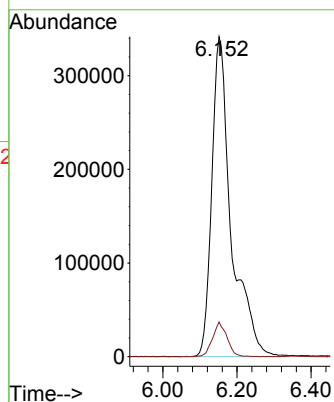
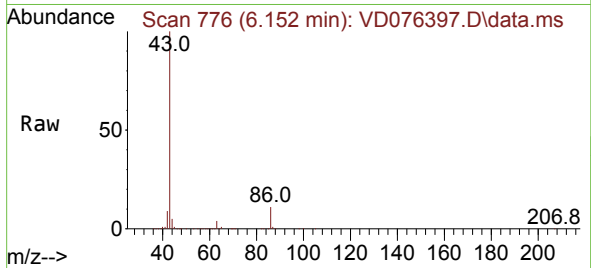




#23
 Vinyl Acetate
 Concen: 269.981 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD076397.D
 Acq: 13 Jun 2023 10:47

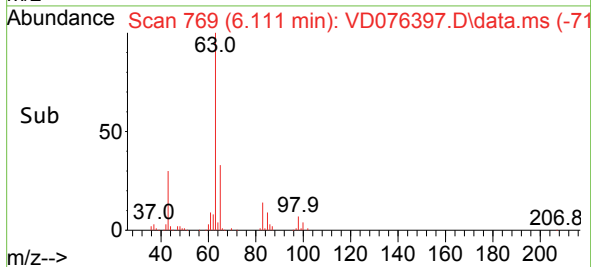
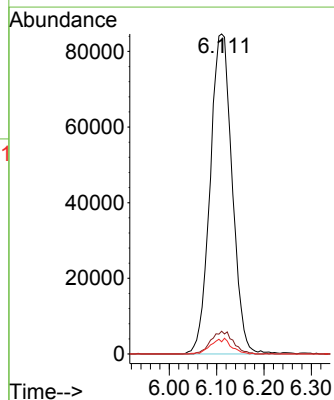
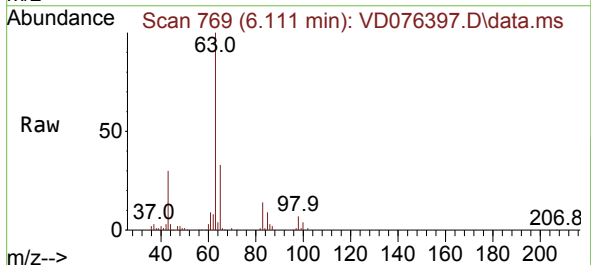
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

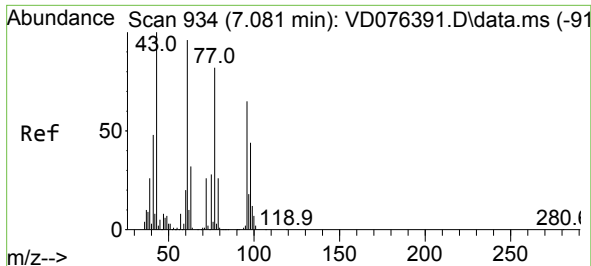
Tgt Ion: 43 Resp: 1242798
 Ion Ratio Lower Upper
 43 100
 86 10.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 45.860 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076397.D
 Acq: 13 Jun 2023 10:47

Tgt Ion: 63 Resp: 273211
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 3.8 2.5 7.5





#25

2-Butanone

Concen: 236.770 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

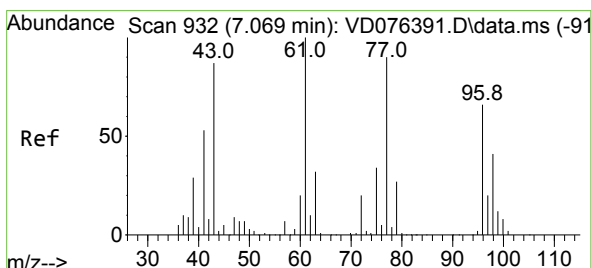
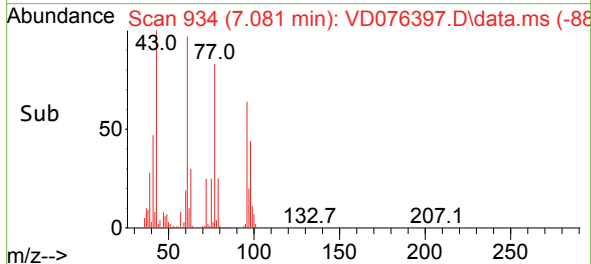
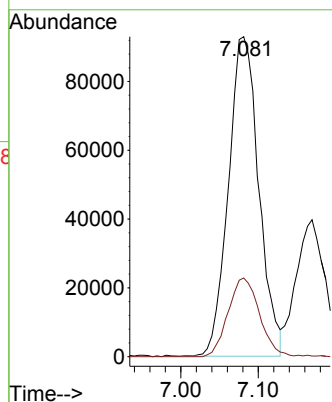
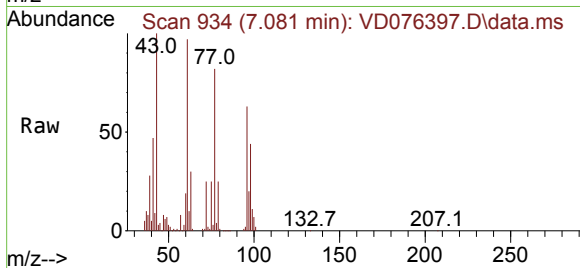
VSTDCCC050

Tgt Ion: 43 Resp: 253505

Ion Ratio Lower Upper

43 100

72 24.7 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 46.022 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD076397.D

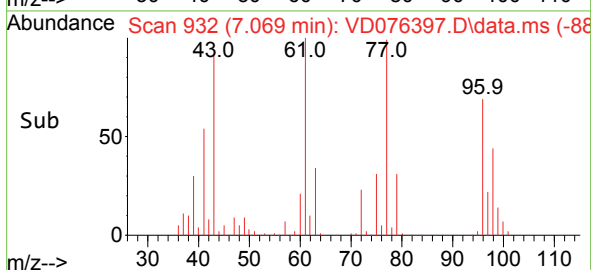
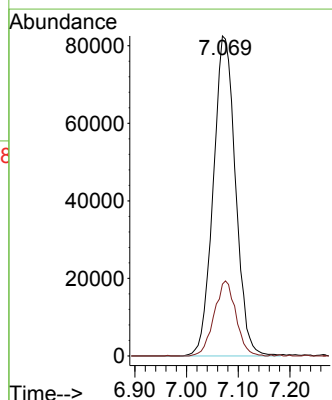
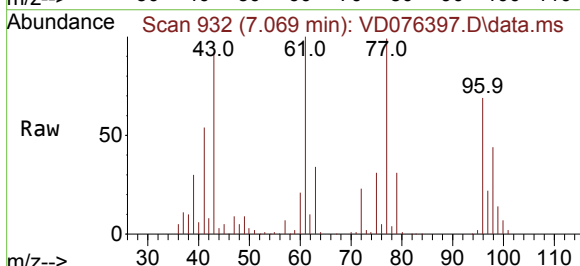
Acq: 13 Jun 2023 10:47

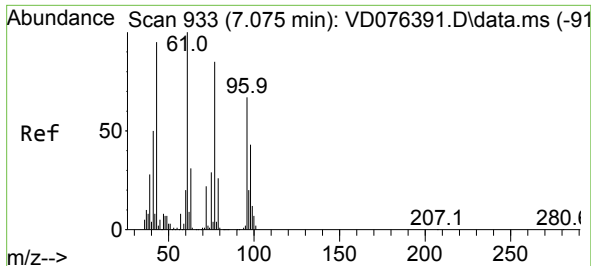
Tgt Ion: 77 Resp: 246866

Ion Ratio Lower Upper

77 100

97 23.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 45.695 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

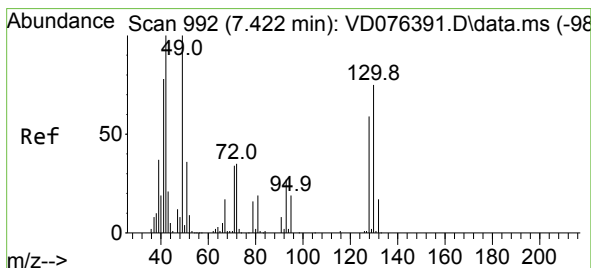
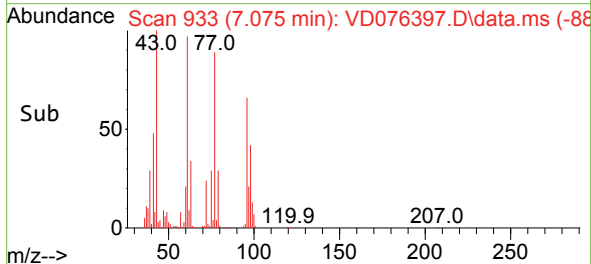
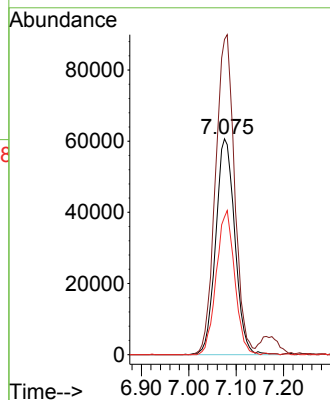
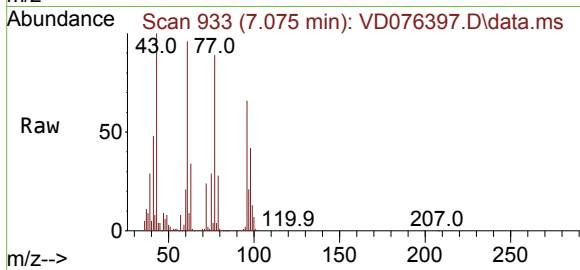
Tgt Ion: 96 Resp: 170183

Ion Ratio Lower Upper

96 100

61 148.0 0.0 239.2

98 64.2 0.0 128.6



#28

Bromochloromethane

Concen: 47.651 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

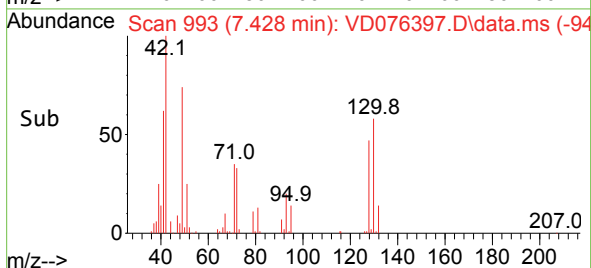
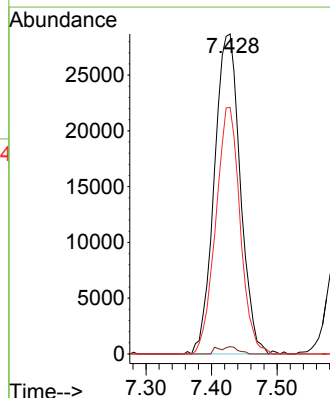
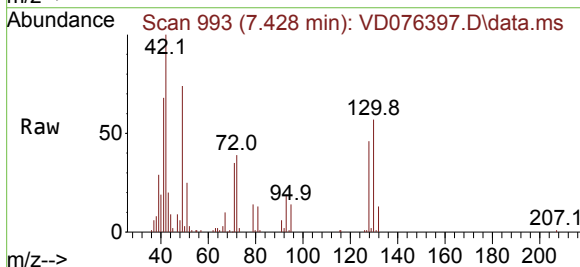
Tgt Ion: 49 Resp: 78820

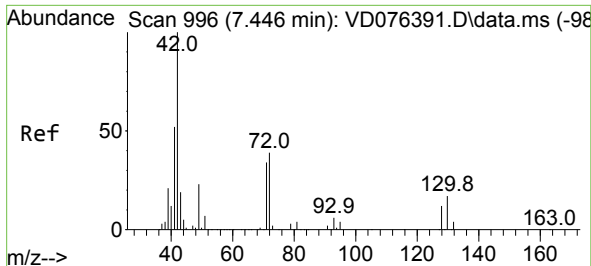
Ion Ratio Lower Upper

49 100

129 1.1 0.0 6.0

130 72.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 222.788 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

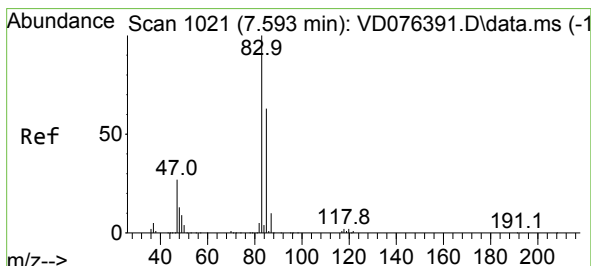
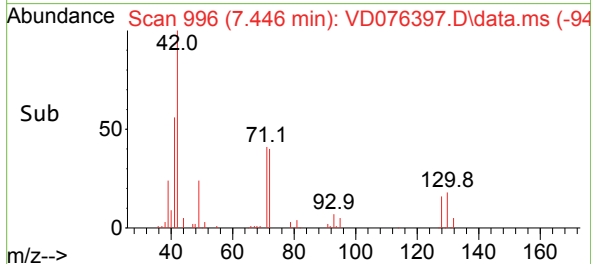
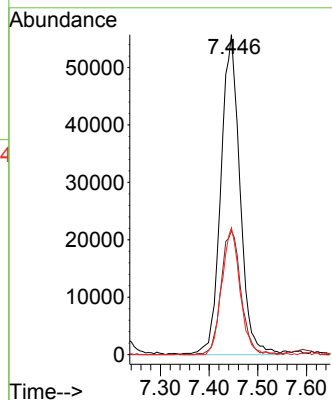
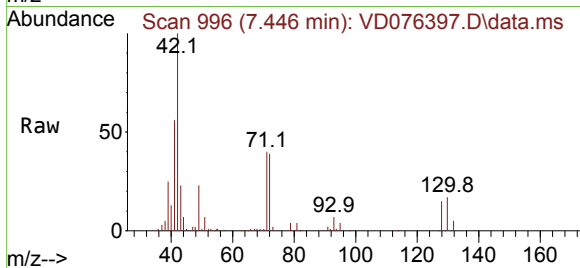
Tgt Ion: 42 Resp: 152183

Ion Ratio Lower Upper

42 100

72 40.2 46.5 69.7#

71 37.8 44.5 66.7#



#30

Chloroform

Concen: 44.949 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076397.D

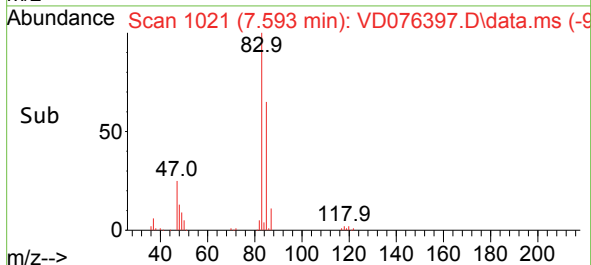
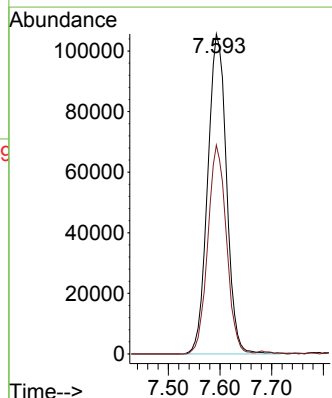
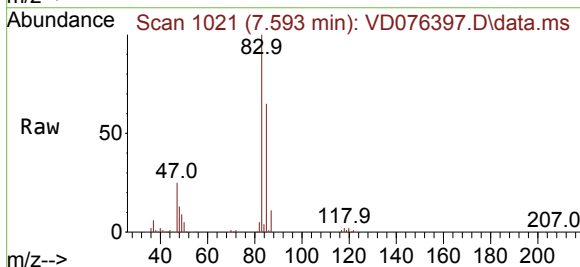
Acq: 13 Jun 2023 10:47

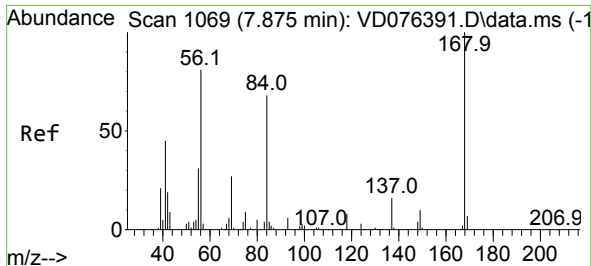
Tgt Ion: 83 Resp: 266894

Ion Ratio Lower Upper

83 100

85 65.3 53.4 80.2

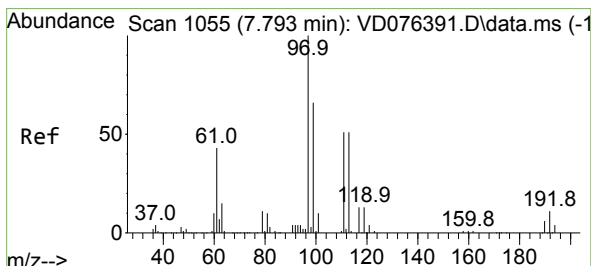
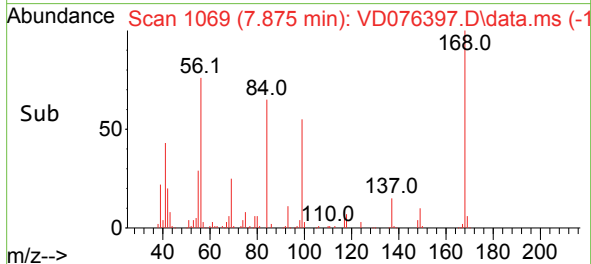
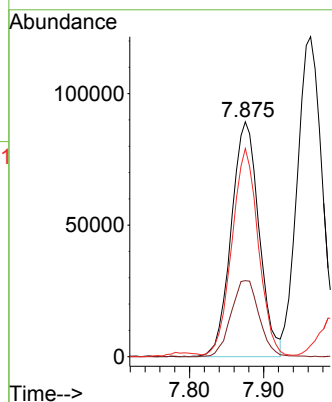
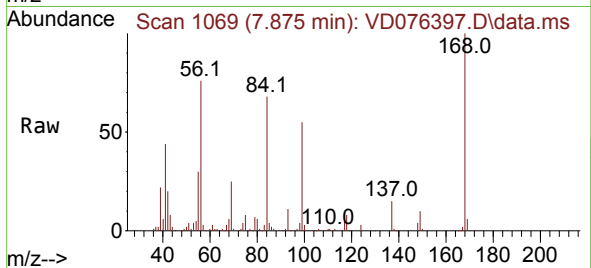




#31
Cyclohexane
Concen: 46.667 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

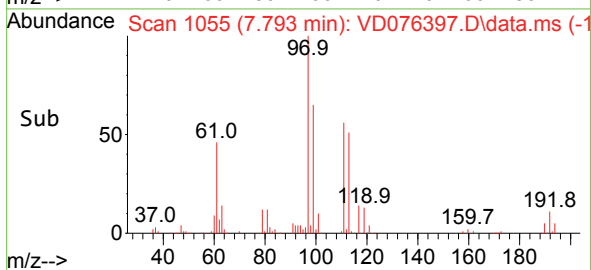
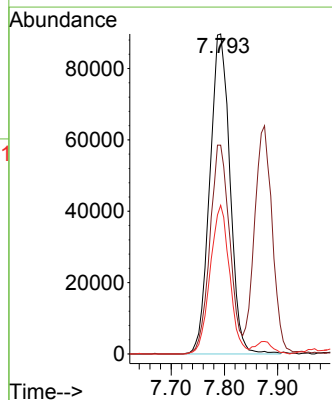
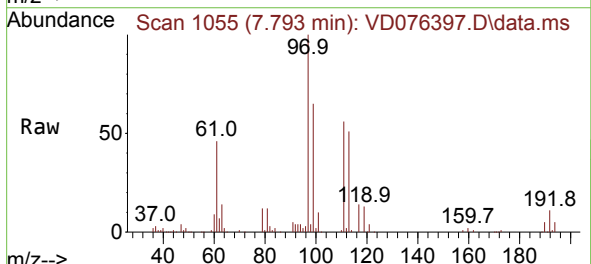
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

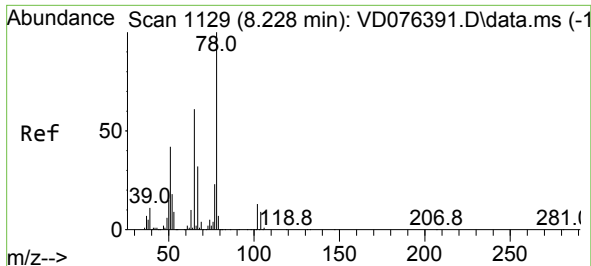
Tgt Ion: 56 Resp: 232520
Ion Ratio Lower Upper
56 100
69 32.4 28.6 43.0
84 87.1 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 46.471 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 97 Resp: 235655
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.274 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

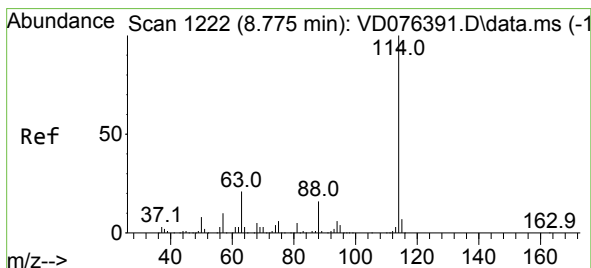
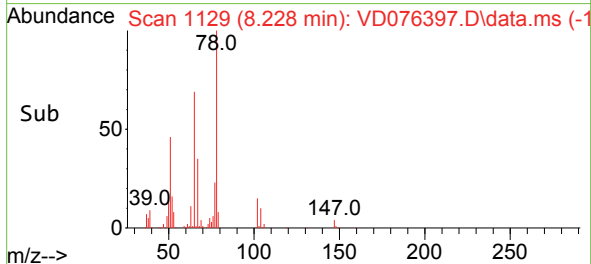
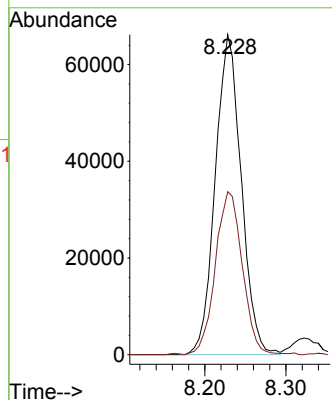
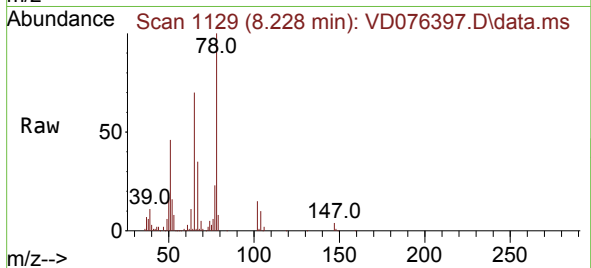
VSTDCCC050

Tgt Ion: 65 Resp: 147212

Ion Ratio Lower Upper

65 100

67 52.9 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: VD076397.D

Acq: 13 Jun 2023 10:47

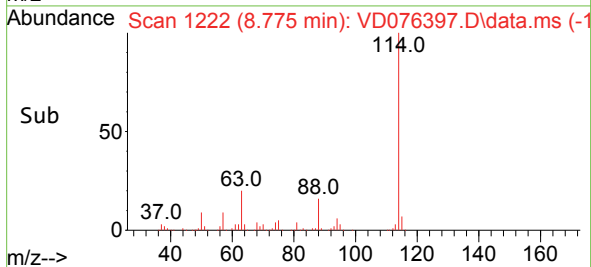
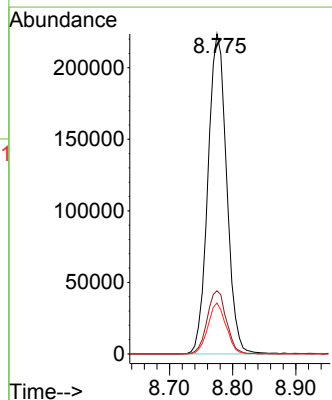
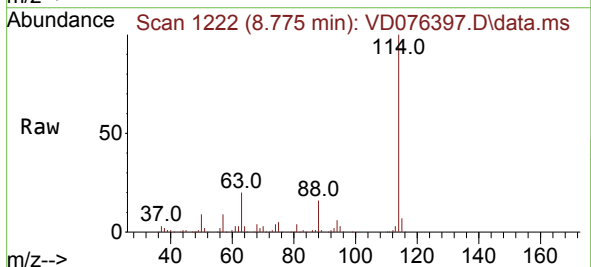
Tgt Ion: 114 Resp: 460569

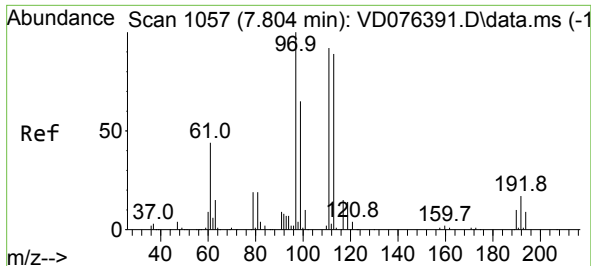
Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.4

88 15.9 0.0 26.2

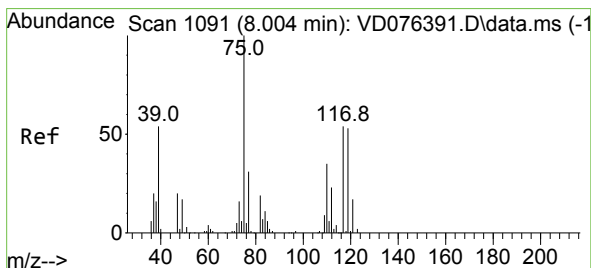
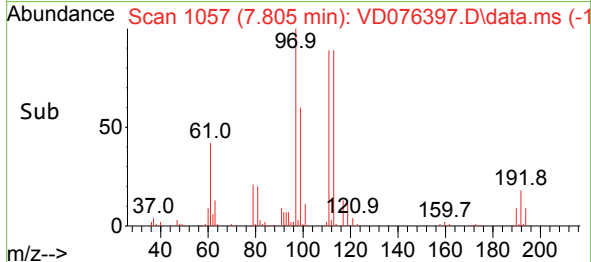
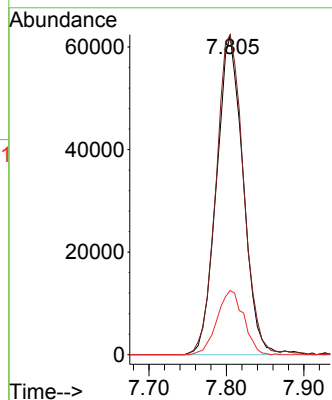
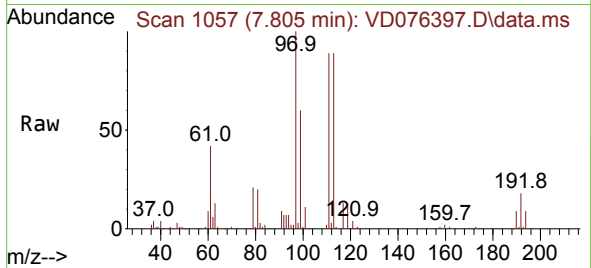




#35
Dibromofluoromethane
Concen: 49.648 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

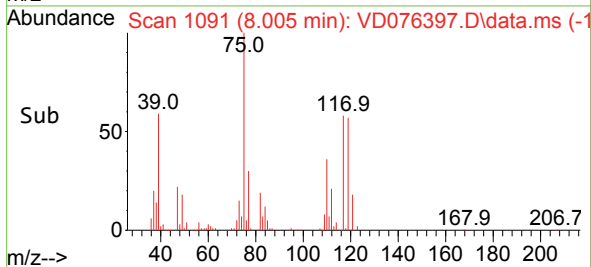
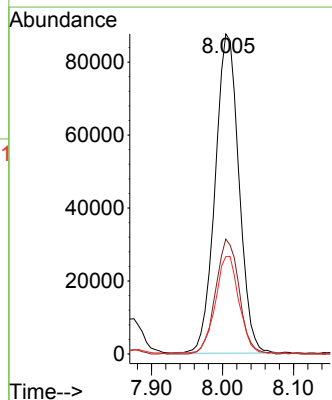
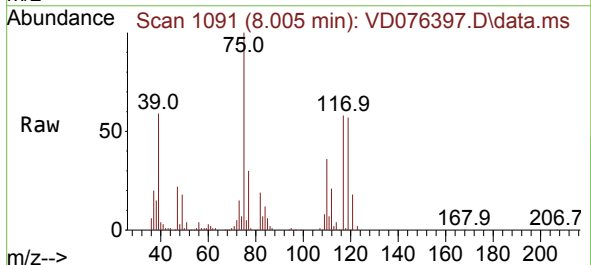
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

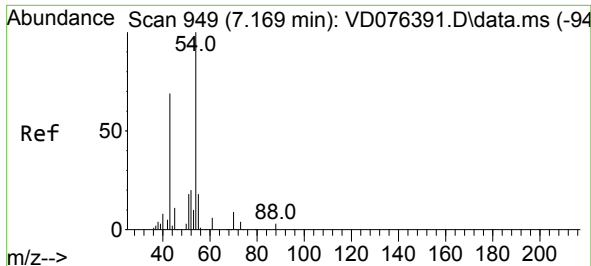
Tgt Ion:113 Resp: 147788
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 46.856 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 75 Resp: 203581
Ion Ratio Lower Upper
75 100
110 35.5 19.9 59.6
77 31.0 24.7 37.1

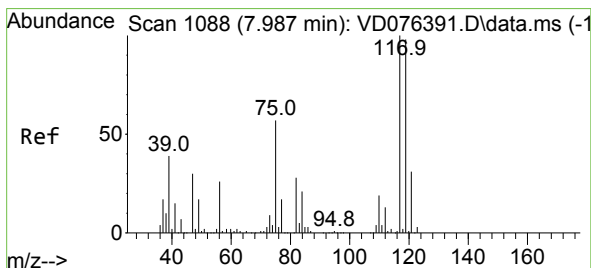
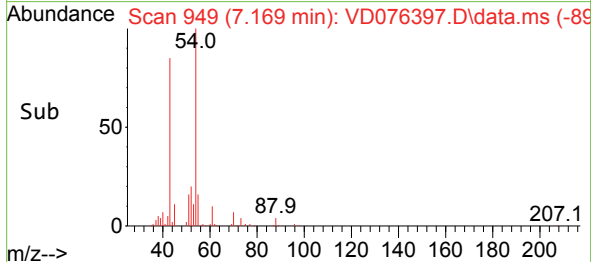
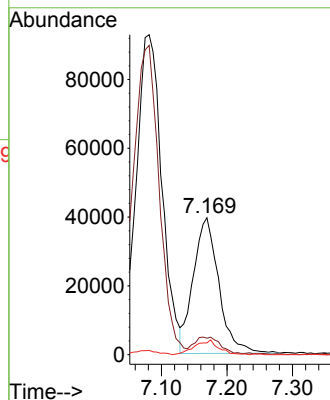
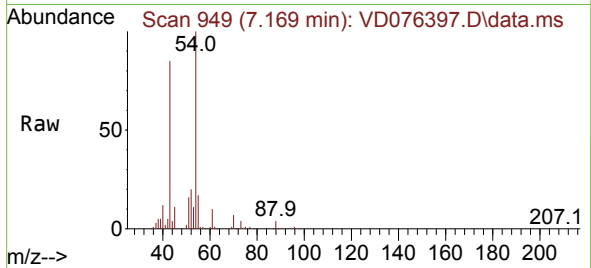




#37
Ethyl Acetate
Concen: 46.805 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

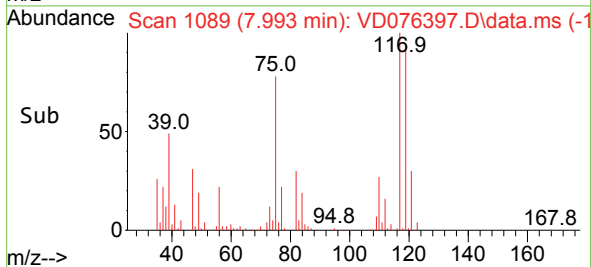
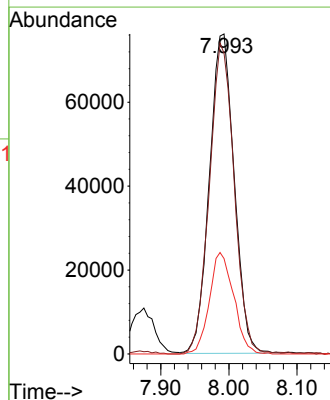
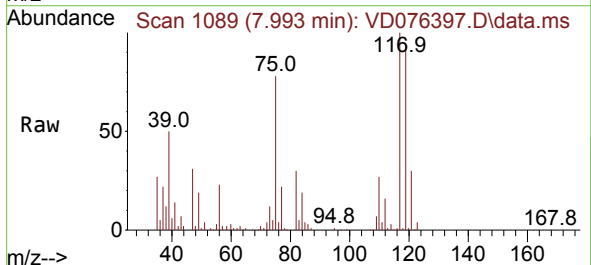
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

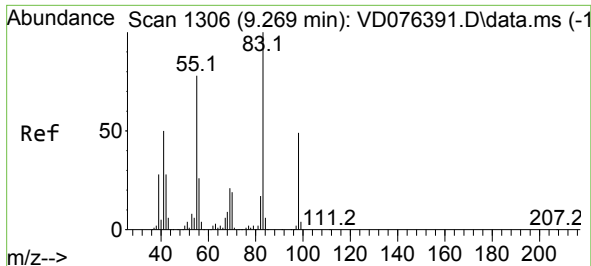
Tgt Ion: 43 Resp: 106963
Ion Ratio Lower Upper
43 100
61 12.3 14.9 22.3#
70 10.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 47.767 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 117 Resp: 192688
Ion Ratio Lower Upper
117 100
119 94.2 78.0 117.0
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 48.803 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

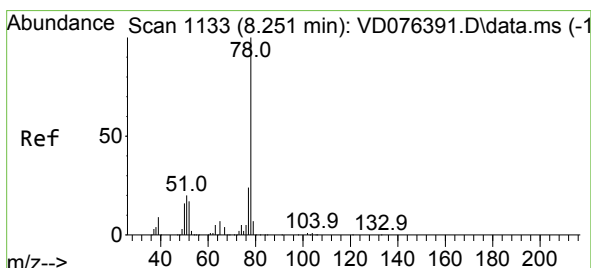
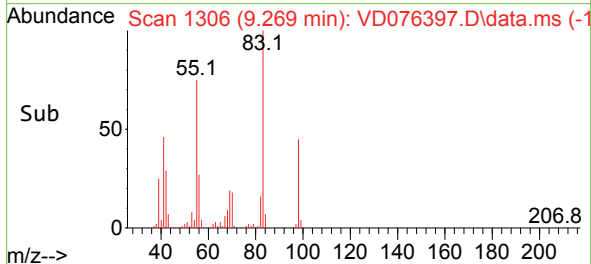
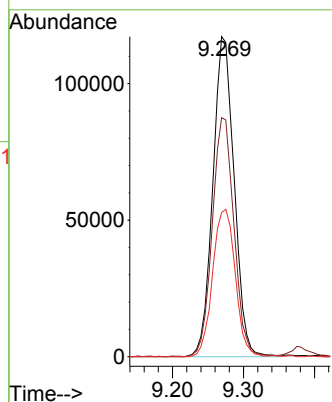
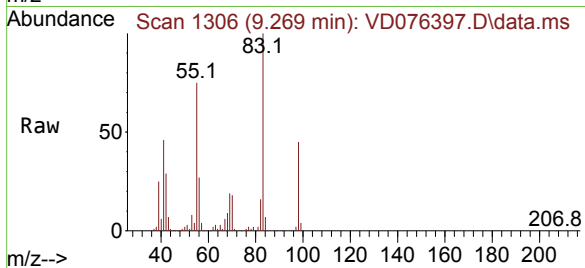
Tgt Ion: 83 Resp: 244152

Ion Ratio Lower Upper

83 100

55 74.6 49.4 74.0#

98 45.1 38.4 57.6



#40

Benzene

Concen: 46.740 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076397.D

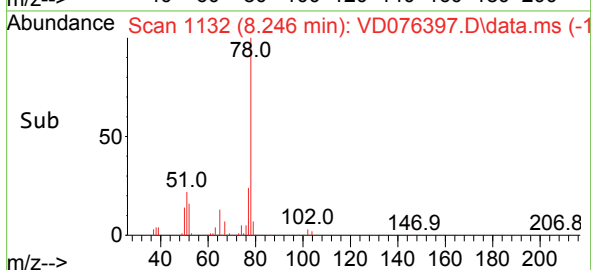
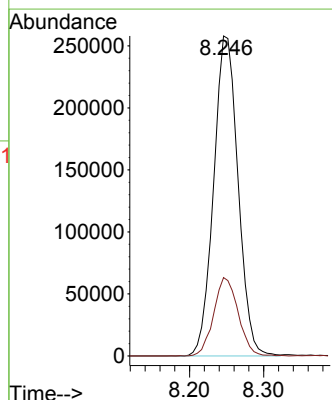
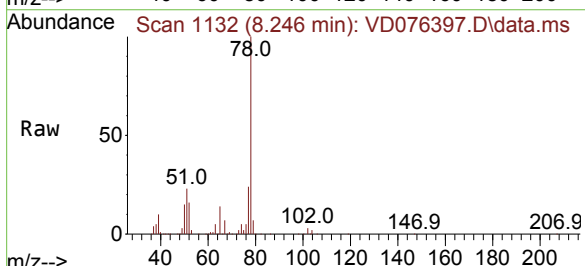
Acq: 13 Jun 2023 10:47

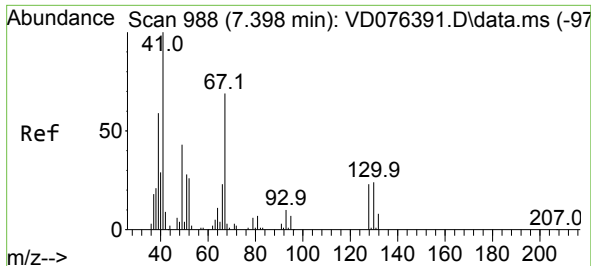
Tgt Ion: 78 Resp: 590383

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

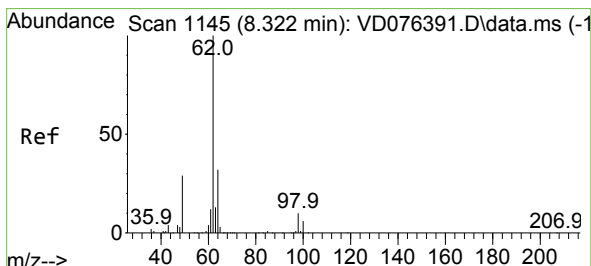
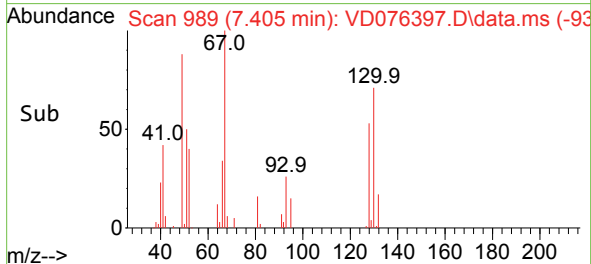
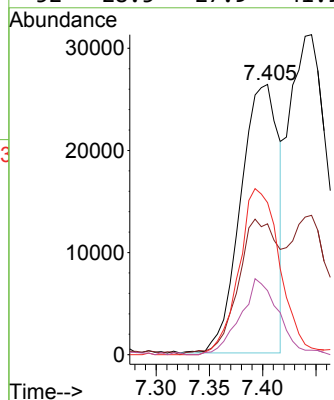
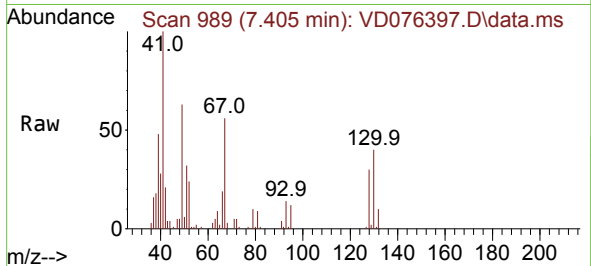




#41
Methacrylonitrile
Concen: 44.525 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

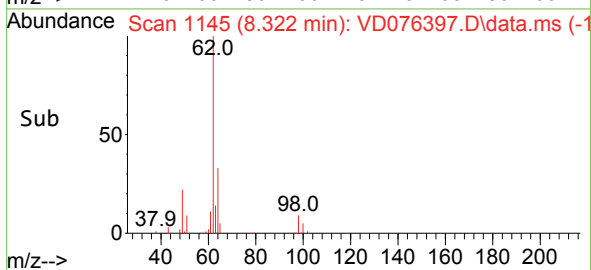
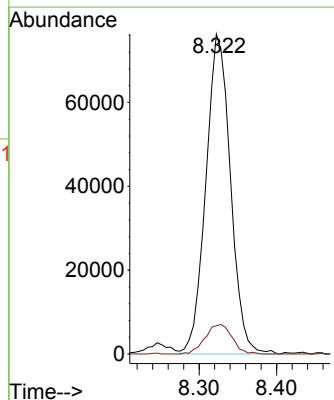
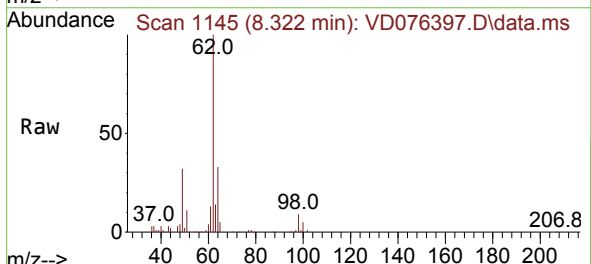
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

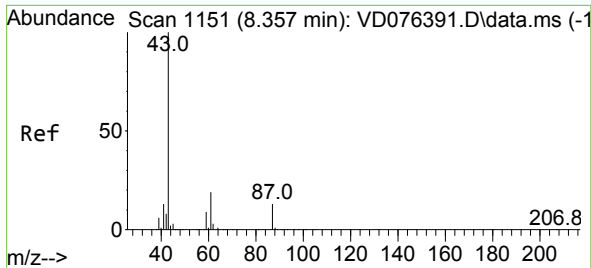
Tgt Ion: 41 Resp: 65093
Ion Ratio Lower Upper
41 100
39 52.4 34.0 51.0#
67 67.8 77.0 115.4#
52 28.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 44.794 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 62 Resp: 168484
Ion Ratio Lower Upper
62 100
98 10.1 0.0 25.4

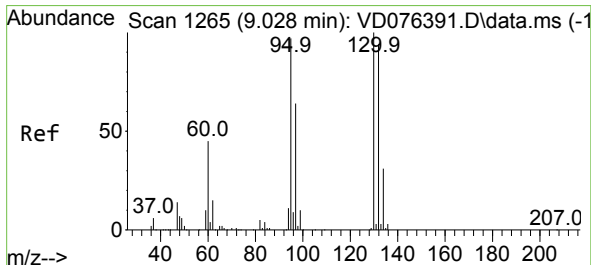
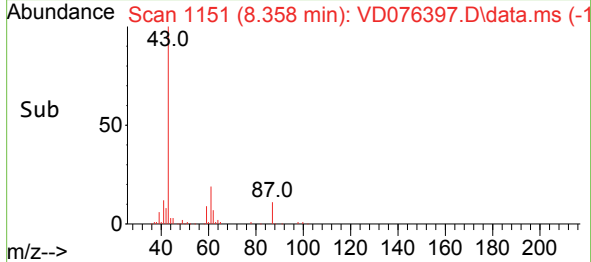
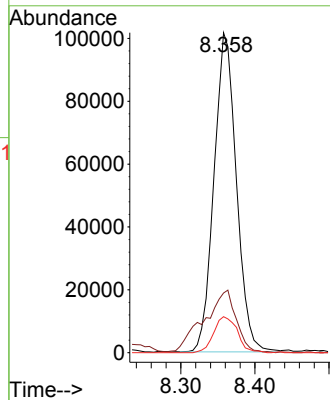
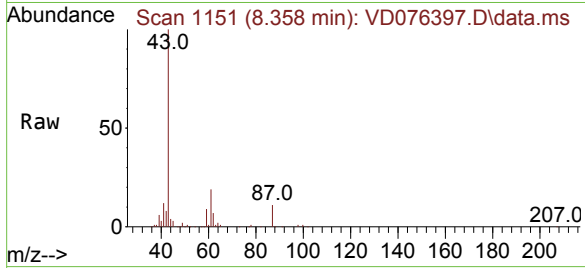




#43
Isopropyl Acetate
Concen: 44.513 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

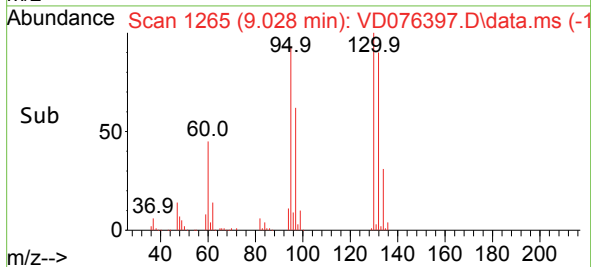
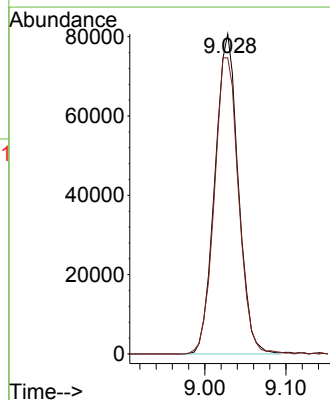
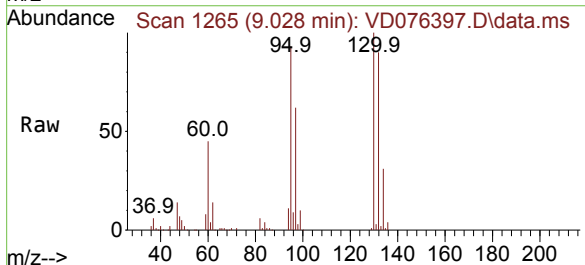
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

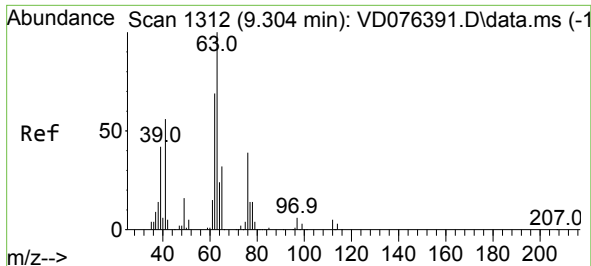
Tgt Ion: 43 Resp: 213278
Ion Ratio Lower Upper
43 100
61 28.3 31.4 47.0#
87 11.9 14.9 22.3#



#44
Trichloroethene
Concen: 47.223 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion:130 Resp: 161695
Ion Ratio Lower Upper
130 100
95 92.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 46.681 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

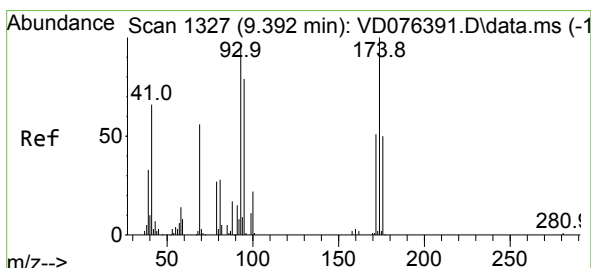
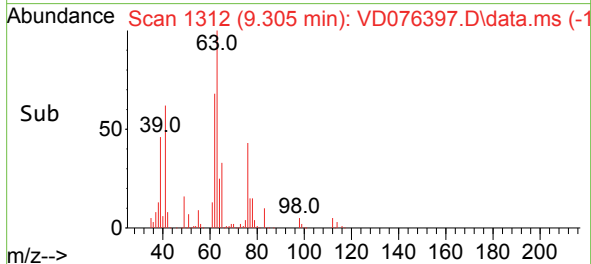
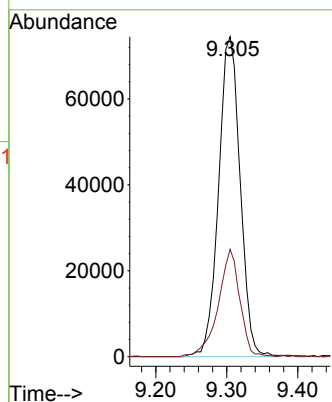
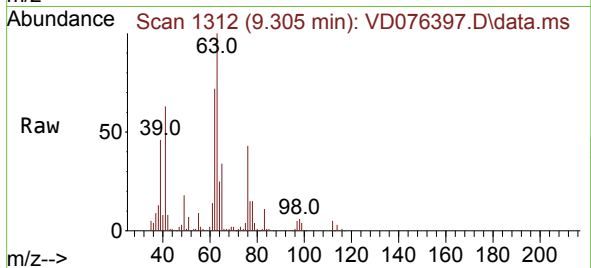
VSTDCCC050

Tgt Ion: 63 Resp: 156714

Ion Ratio Lower Upper

63 100

65 33.6 24.5 36.7



#46

Dibromomethane

Concen: 45.082 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

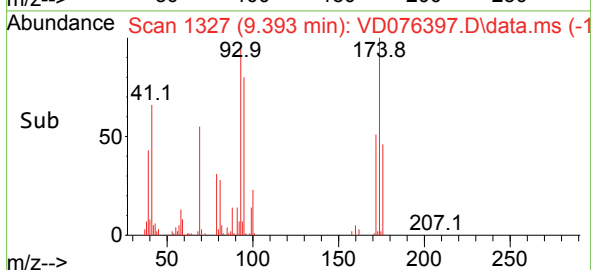
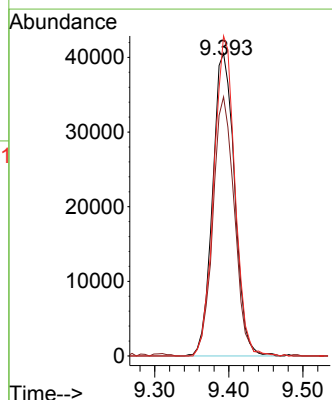
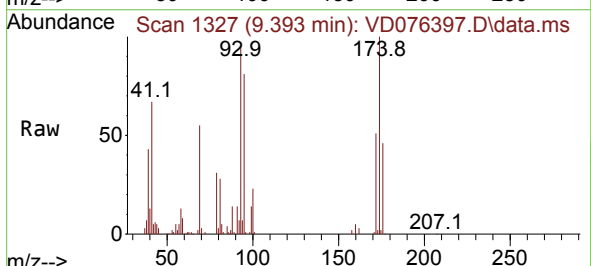
Tgt Ion: 93 Resp: 83524

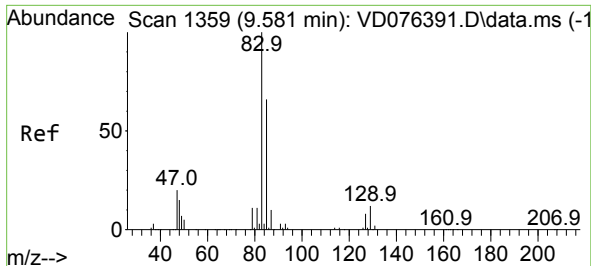
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 101.2 85.4 128.2

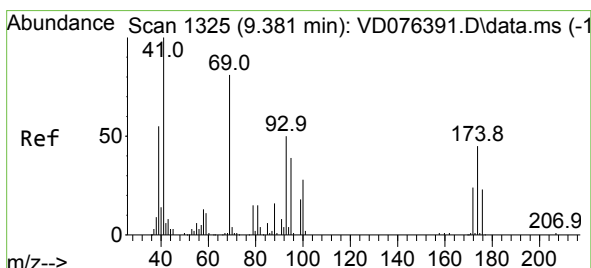
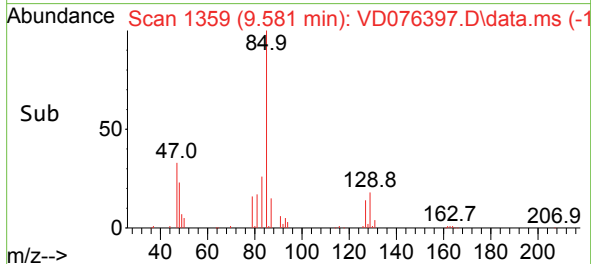
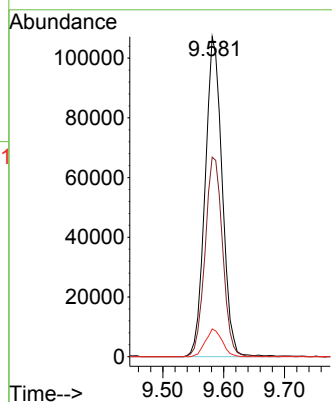
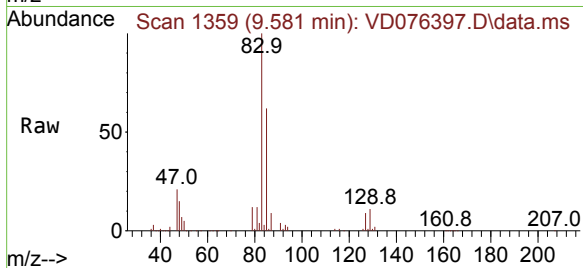




#47
Bromodichloromethane
Concen: 45.468 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

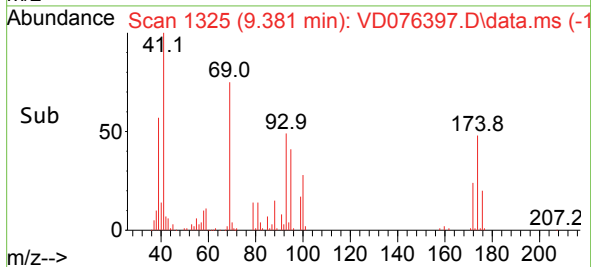
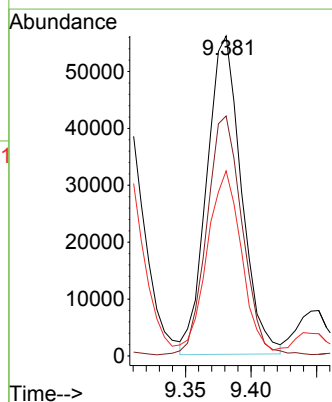
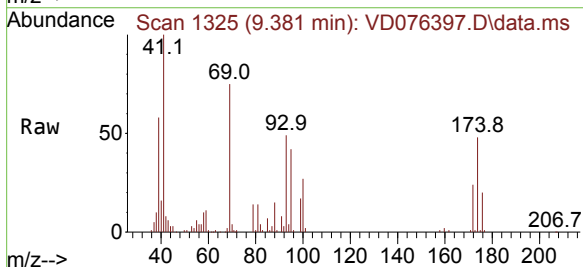
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

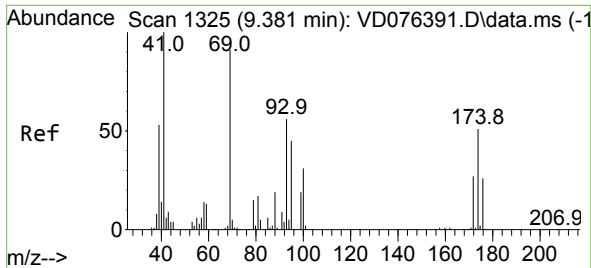
Tgt Ion: 83 Resp: 208671
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 44.695 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 41 Resp: 102641
Ion Ratio Lower Upper
41 100
69 76.8 102.2 153.2#
39 54.5 41.4 62.2

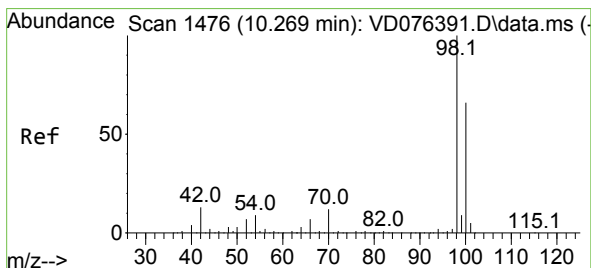
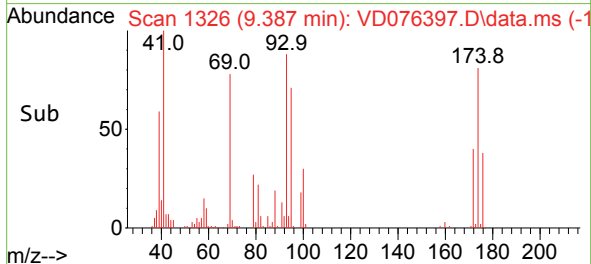
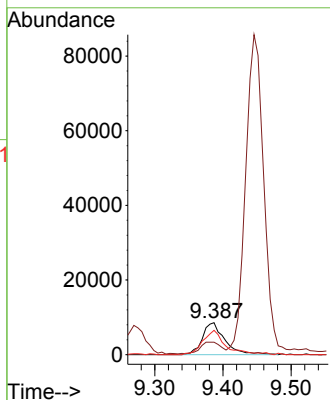
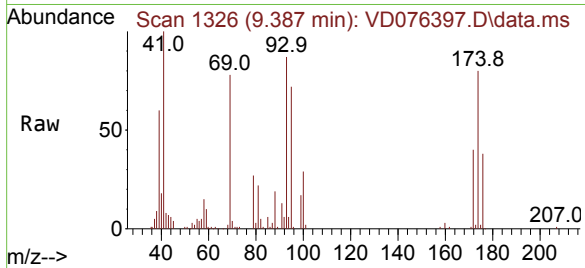




#49
1,4-Dioxane
Concen: 893.930 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

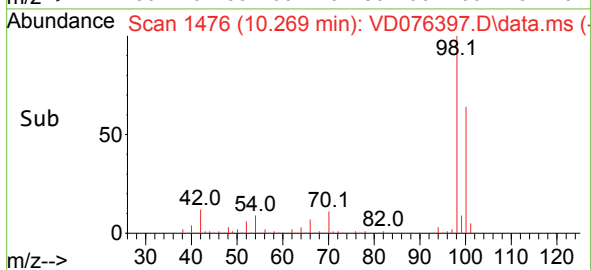
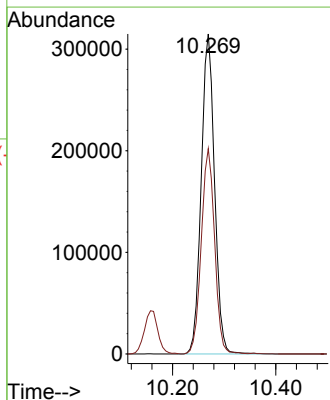
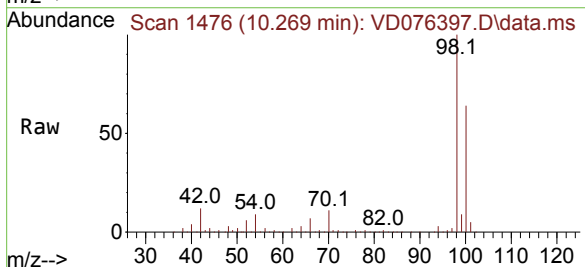
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

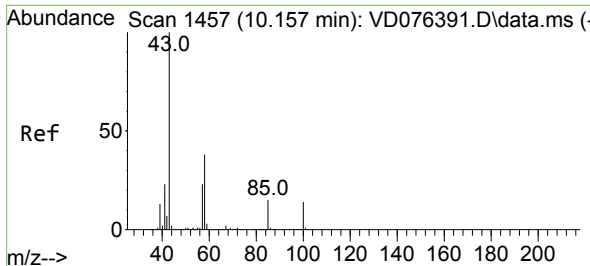
Tgt Ion: 88 Resp: 19650
Ion Ratio Lower Upper
88 100
43 33.5 19.0 28.6#
58 77.3 43.5 65.3#



#50
Toluene-d8
Concen: 49.933 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 98 Resp: 563271
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

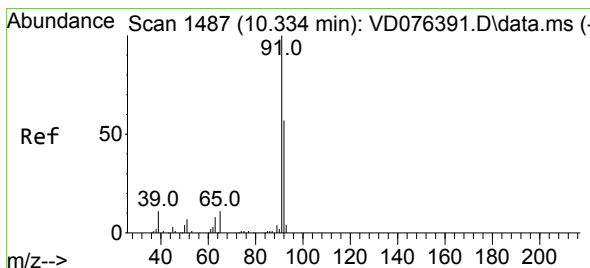
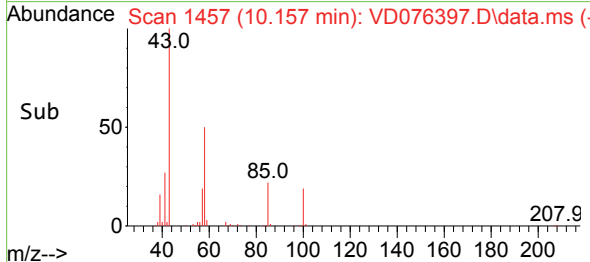
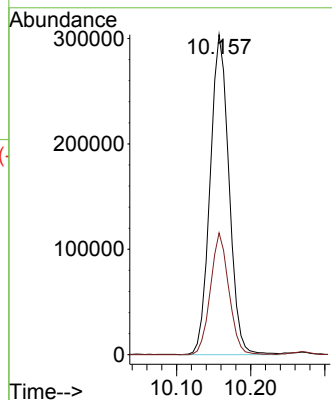
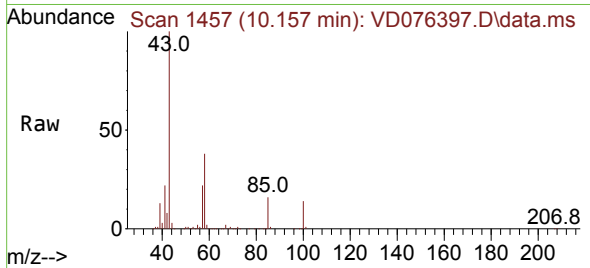




#51
4-Methyl-2-Pentanone
Concen: 226.074 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

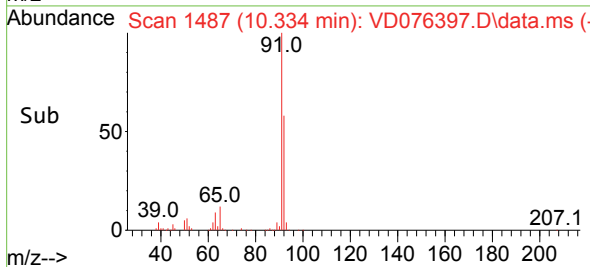
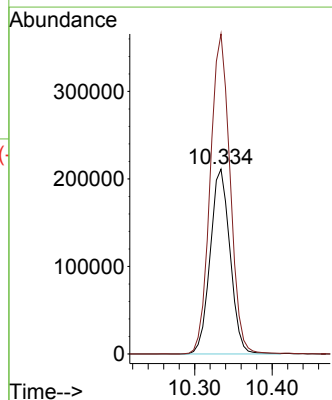
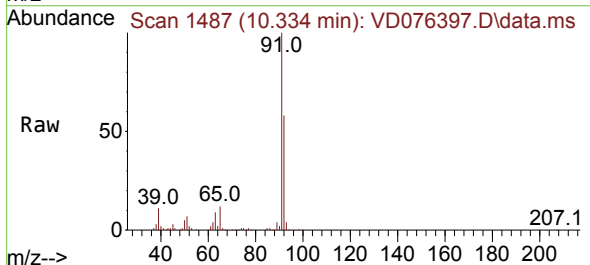
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

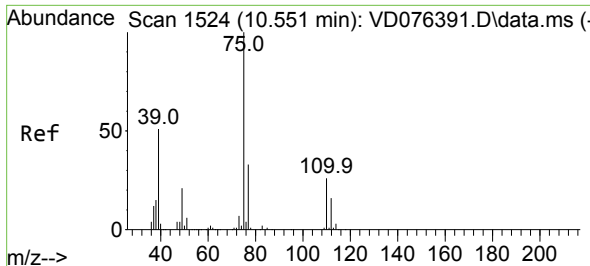
Tgt Ion: 43 Resp: 538007
Ion Ratio Lower Upper
43 100
58 37.1 38.9 58.3#



#52
Toluene
Concen: 47.013 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 92 Resp: 375398
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4

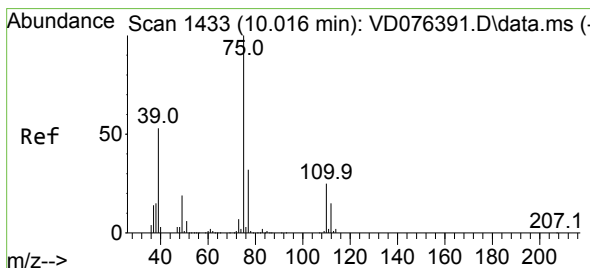
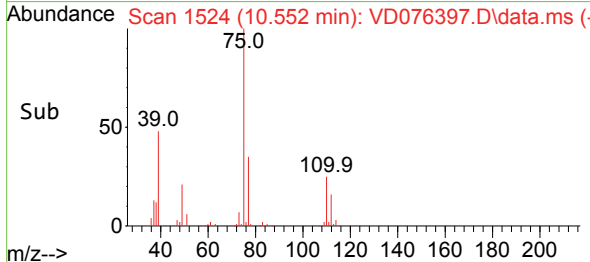
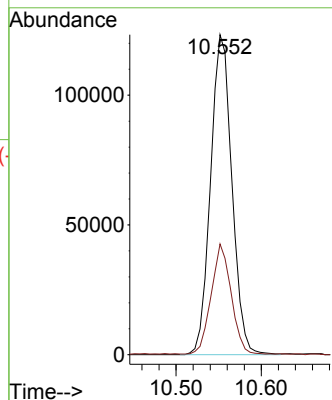
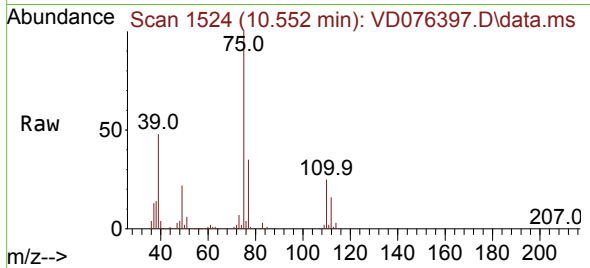




#53
t-1,3-Dichloropropene
Concen: 45.675 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

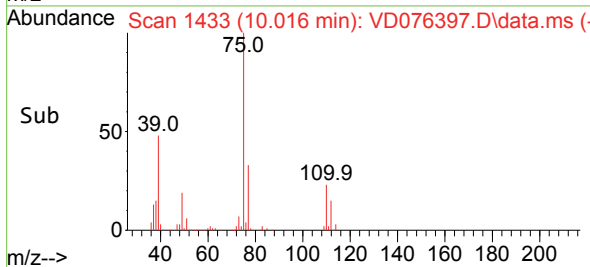
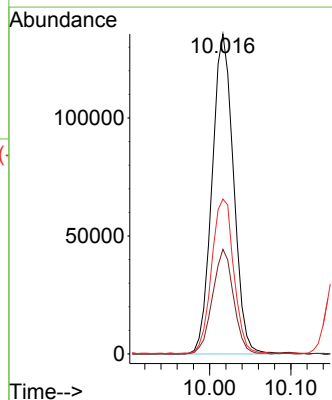
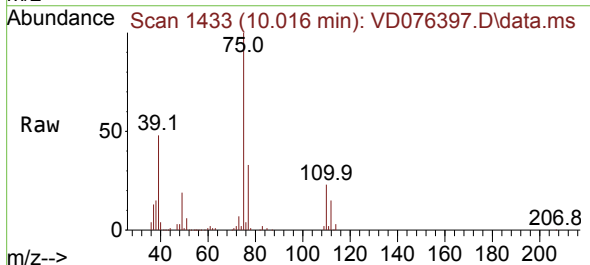
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

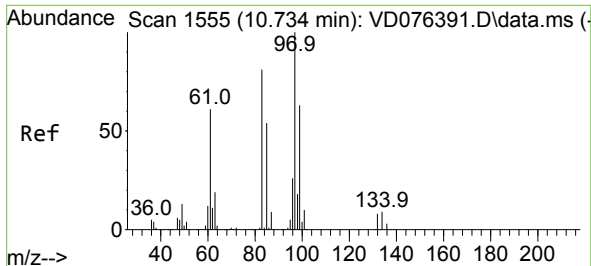
Tgt Ion: 75 Resp: 214399
Ion Ratio Lower Upper
75 100
77 34.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 46.064 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 75 Resp: 248664
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
39 48.2 22.1 33.1#

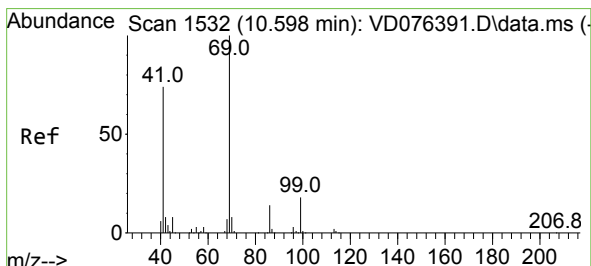
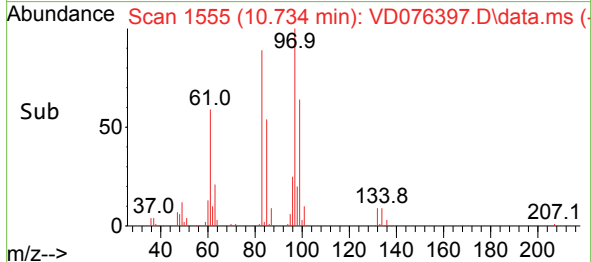
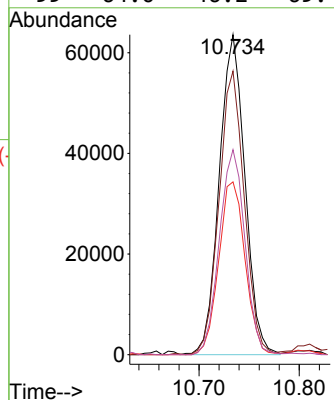
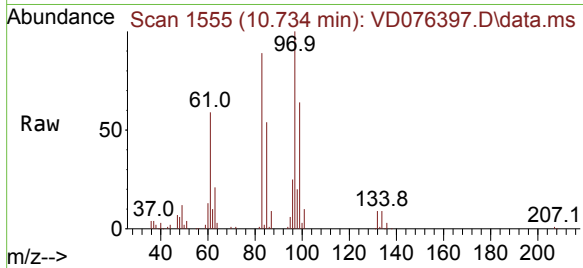




#55
1,1,2-Trichloroethane
Concen: 45.686 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

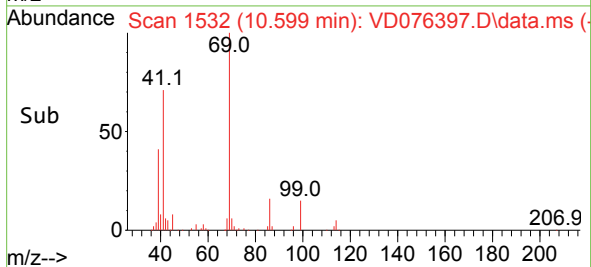
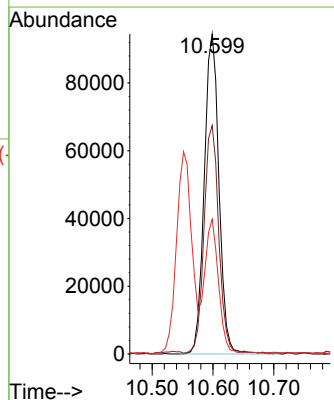
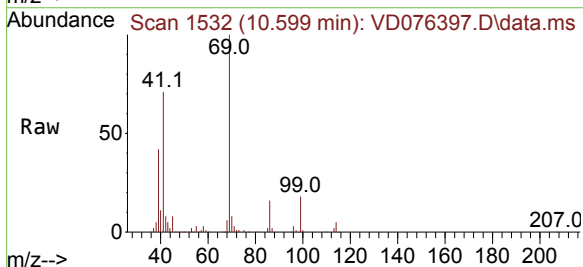
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

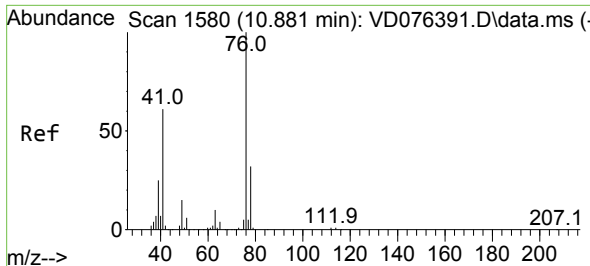
Tgt Ion:	97	Resp:	113056
Ion	Ratio	Lower	Upper
97	100		
83	88.3	65.8	98.6
85	54.0	45.7	68.5
99	64.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 46.239 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion:	69	Resp:	158909
Ion	Ratio	Lower	Upper
69	100		
41	71.0	39.1	58.7#
39	39.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 46.116 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

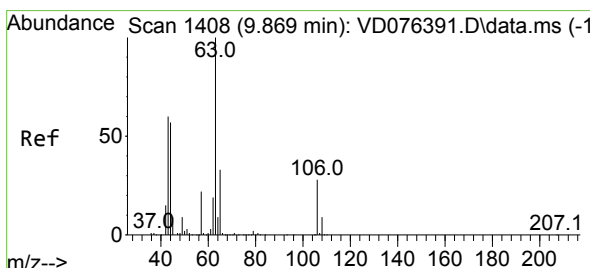
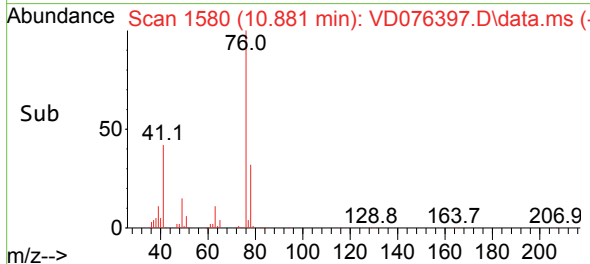
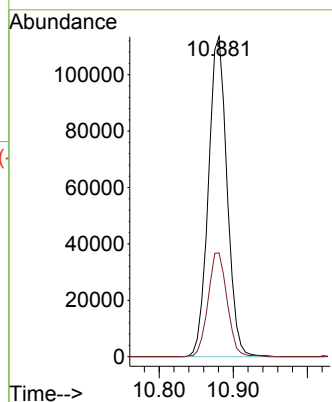
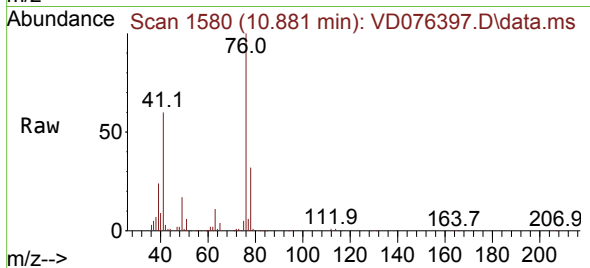
VSTDCCC050

Tgt Ion: 76 Resp: 198523

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 235.170 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076397.D

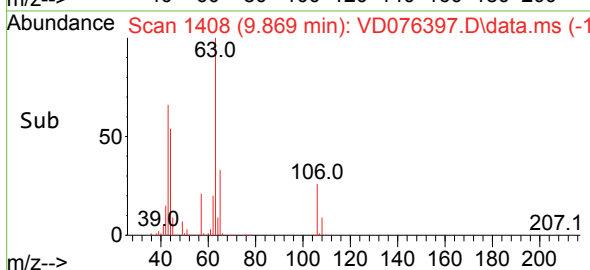
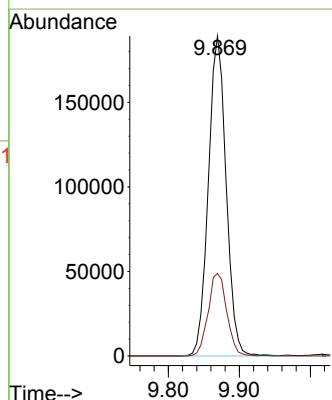
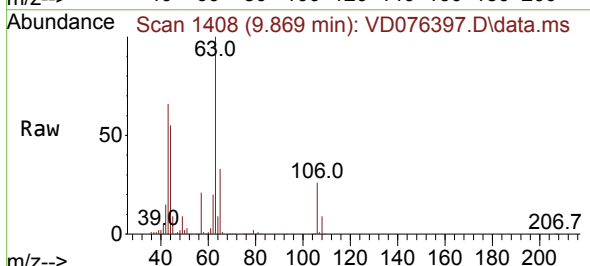
Acq: 13 Jun 2023 10:47

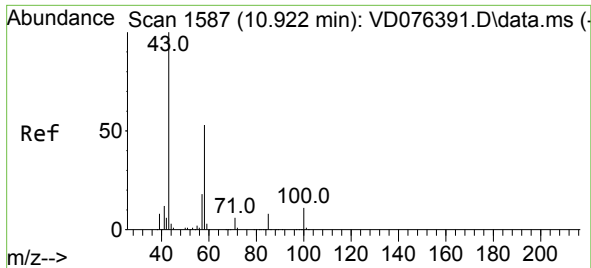
Tgt Ion: 63 Resp: 329203

Ion Ratio Lower Upper

63 100

106 27.1 25.3 37.9

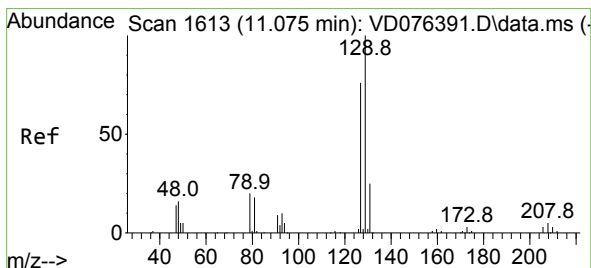
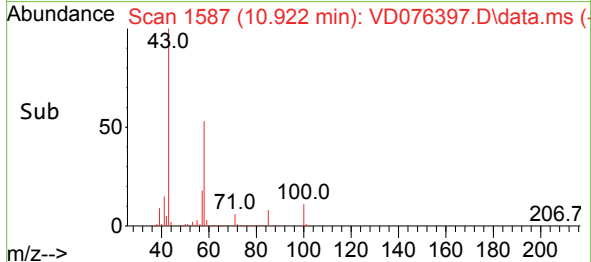
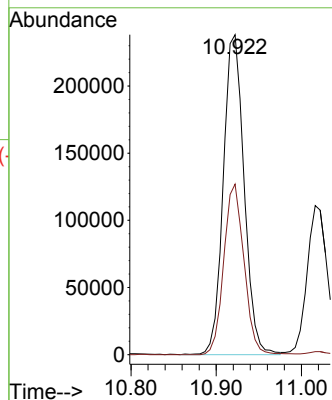
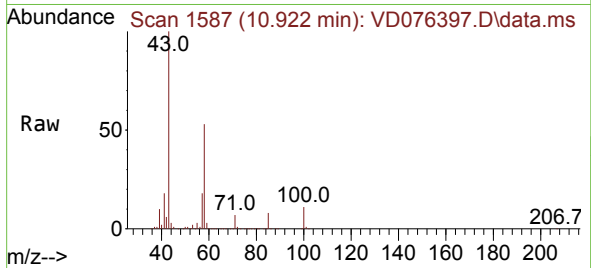




#59
2-Hexanone
Concen: 242.091 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

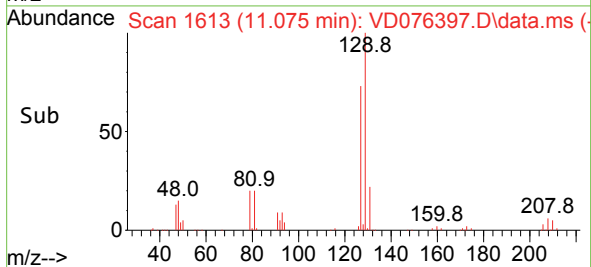
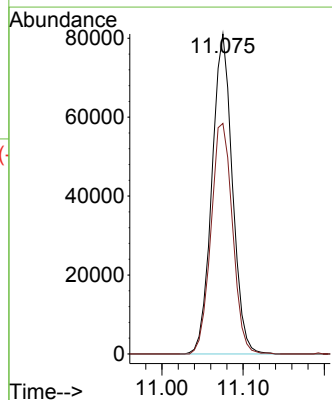
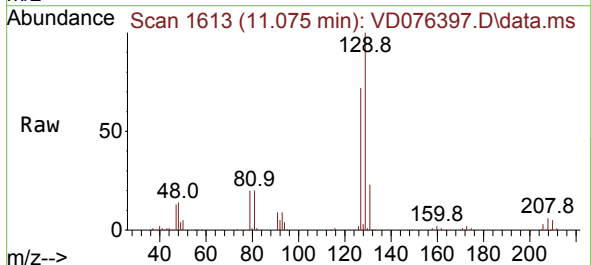
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

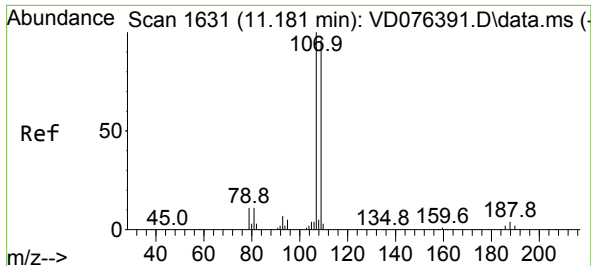
Tgt Ion: 43 Resp: 403838
Ion Ratio Lower Upper
43 100
58 52.0 34.1 102.2



#60
Dibromochloromethane
Concen: 46.412 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 129 Resp: 142109
Ion Ratio Lower Upper
129 100
127 75.7 37.1 111.5

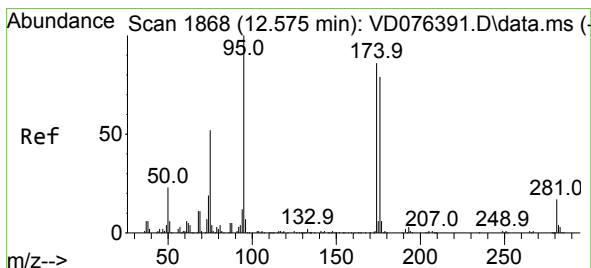
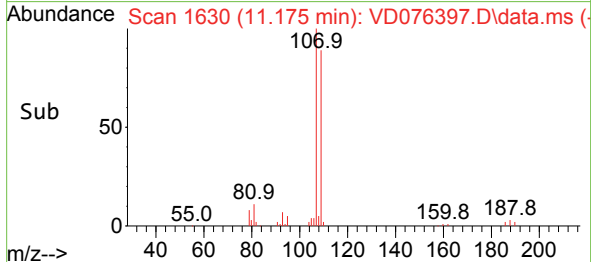
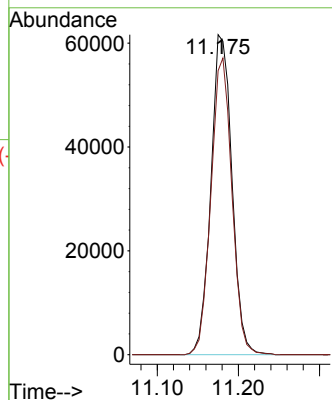
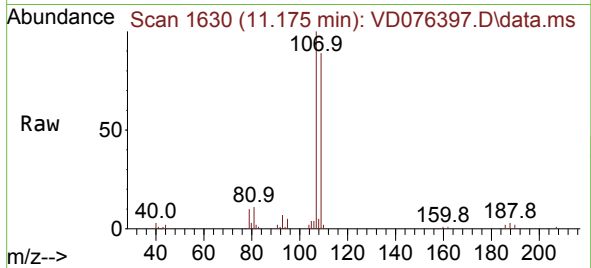




#61
1,2-Dibromoethane
Concen: 46.284 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

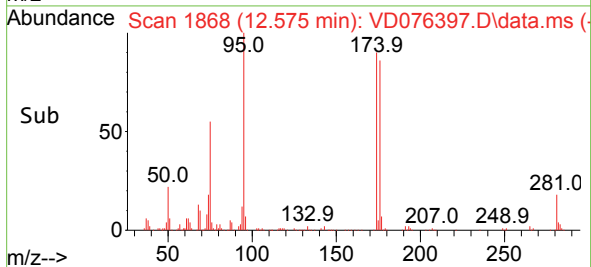
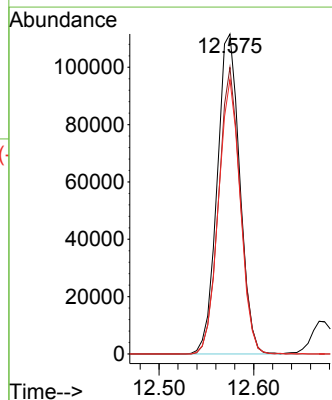
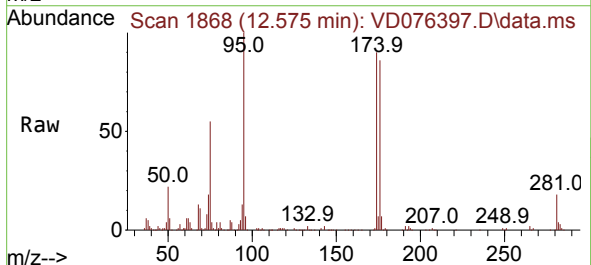
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

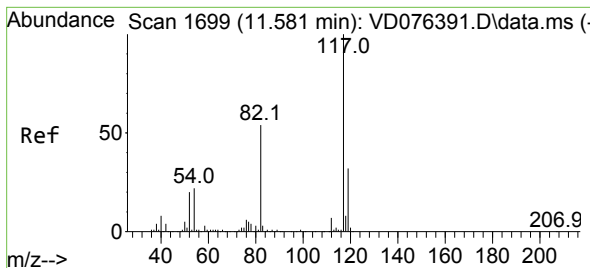
Tgt Ion:107 Resp: 111121
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.856 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 95 Resp: 185199
Ion Ratio Lower Upper
95 100
174 85.6 0.0 201.8
176 82.7 0.0 191.8

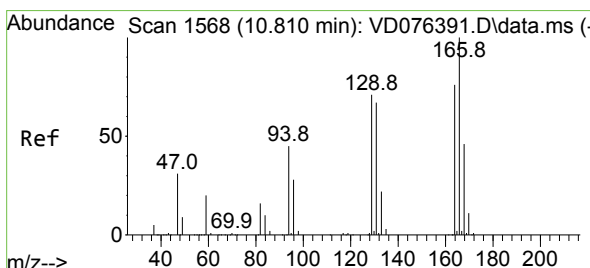
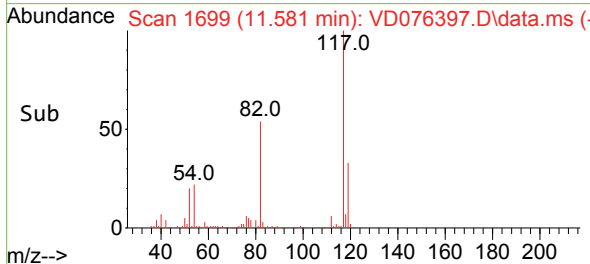
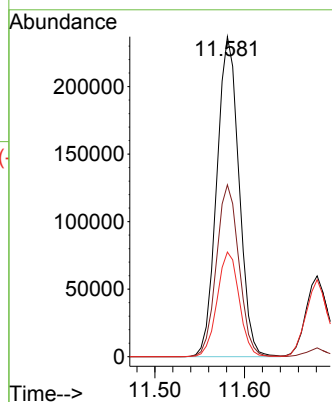
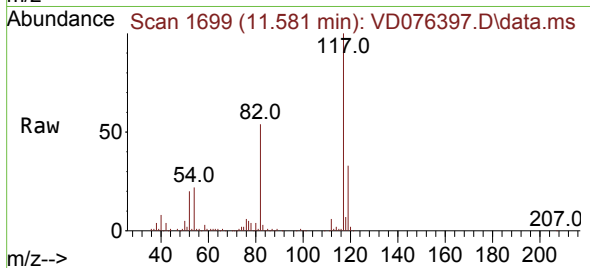




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

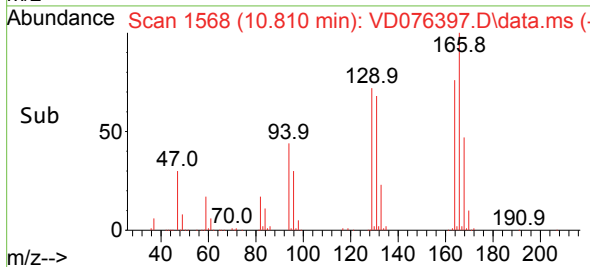
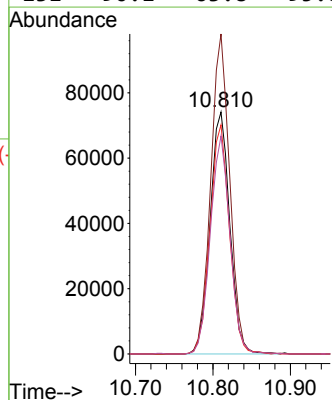
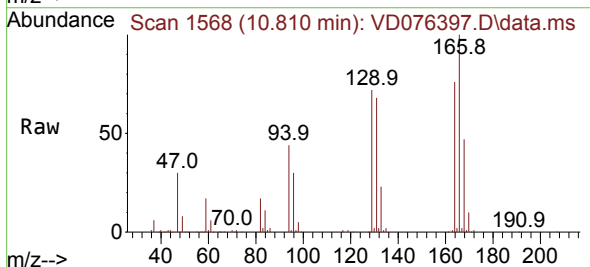
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

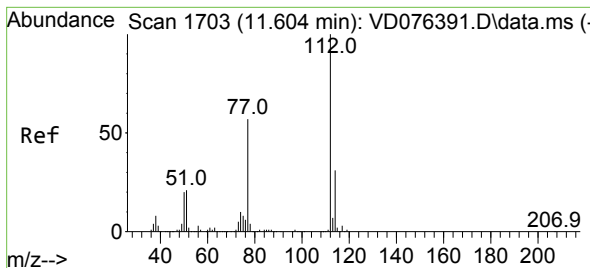
Tgt Ion:117 Resp: 407831
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 47.075 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion:164 Resp: 131802
Ion Ratio Lower Upper
164 100
166 132.3 99.2 148.8
129 94.7 68.4 102.6
131 90.1 63.8 95.8

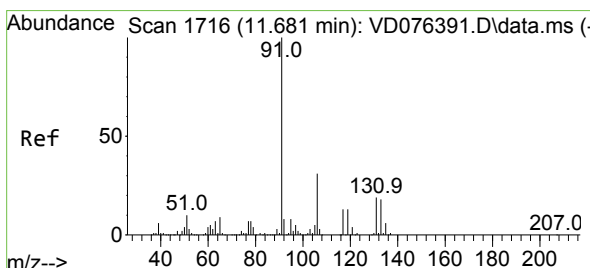
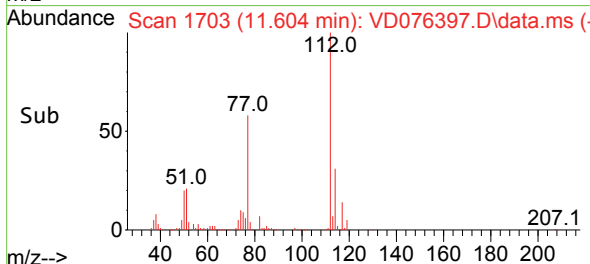
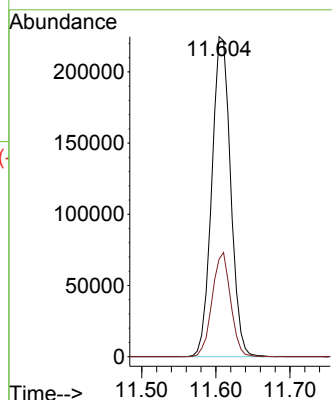
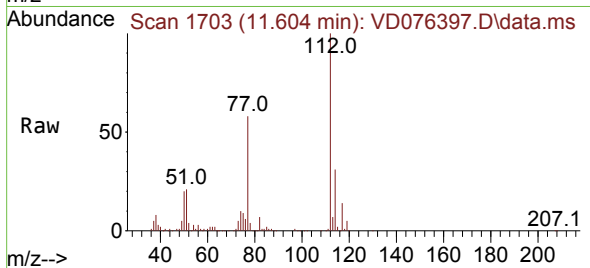




#65
Chlorobenzene
Concen: 46.973 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

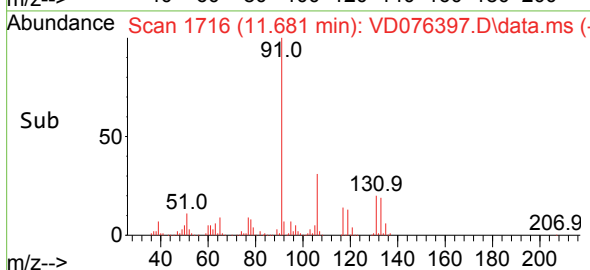
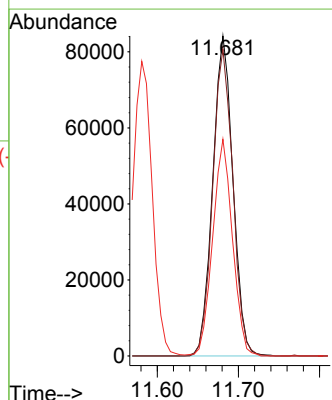
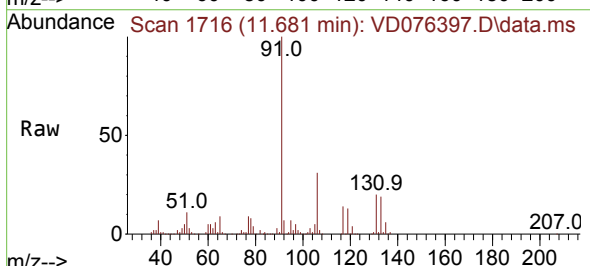
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

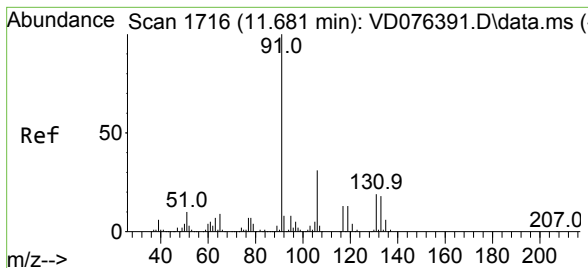
Tgt Ion:112 Resp: 397086
Ion Ratio Lower Upper
112 100
114 30.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.141 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion:131 Resp: 145847
Ion Ratio Lower Upper
131 100
133 95.4 48.5 145.5
119 66.2 35.6 106.9





#67

Ethyl Benzene

Concen: 46.748 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

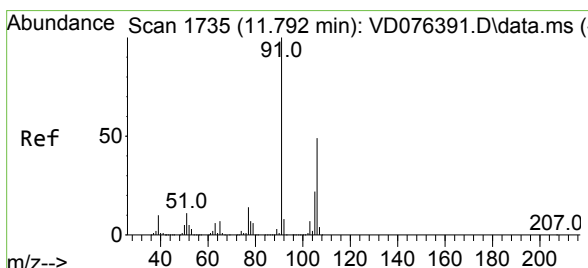
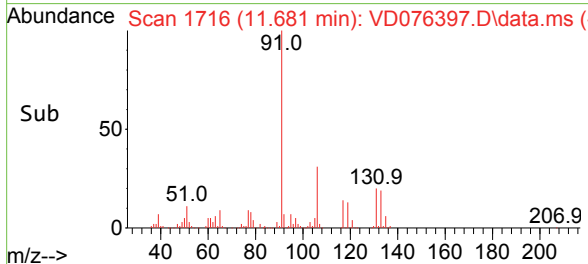
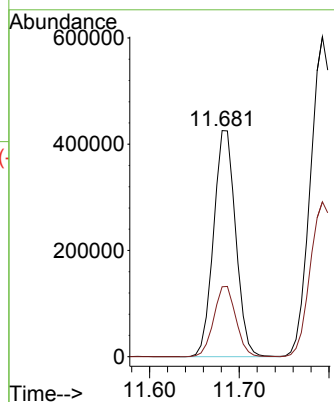
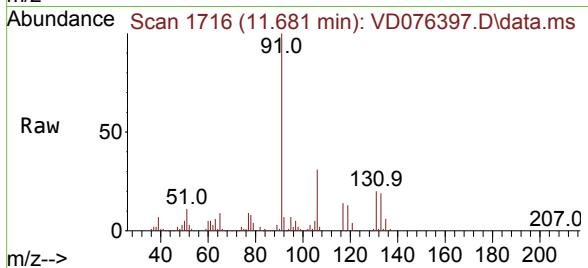
VSTDCCC050

Tgt Ion: 91 Resp: 727861

Ion Ratio Lower Upper

91 100

106 31.0 26.5 39.7



#68

m/p-Xylenes

Concen: 94.552 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076397.D

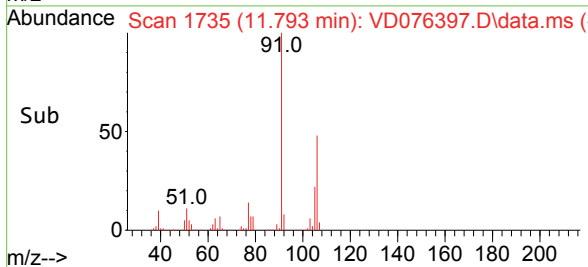
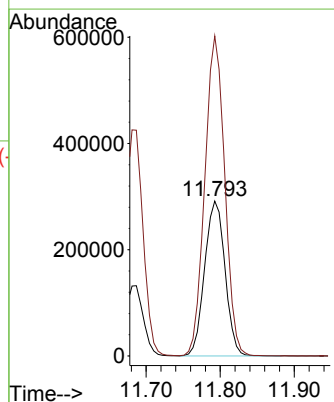
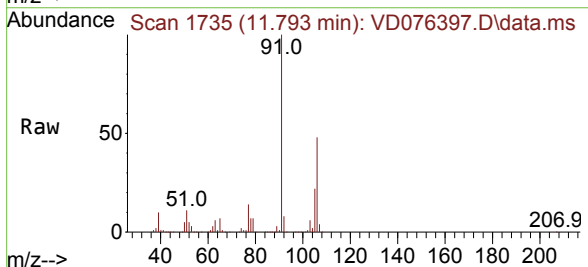
Acq: 13 Jun 2023 10:47

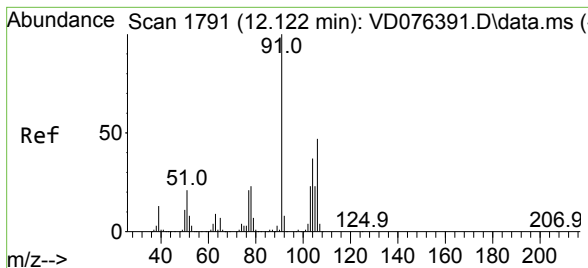
Tgt Ion: 106 Resp: 557024

Ion Ratio Lower Upper

106 100

91 201.8 147.0 220.6

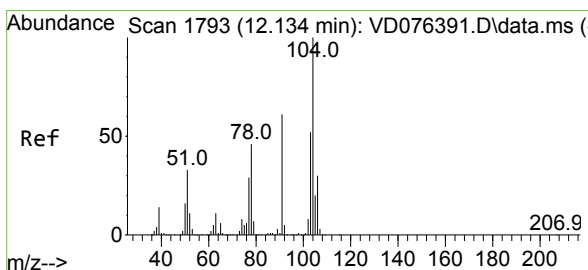
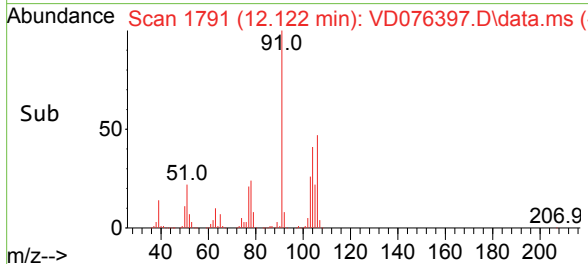
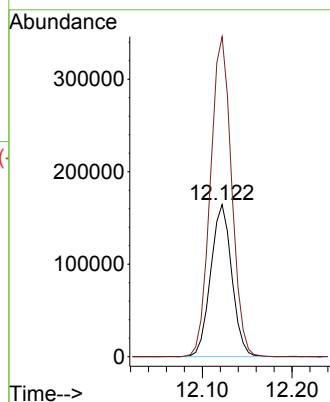
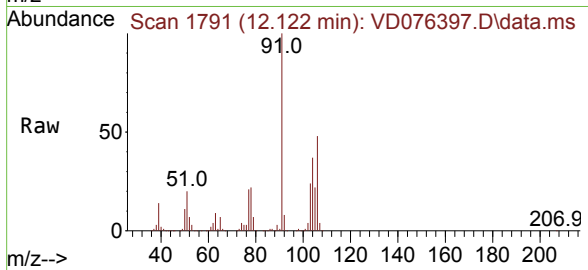




#69
o-Xylene
Concen: 47.428 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

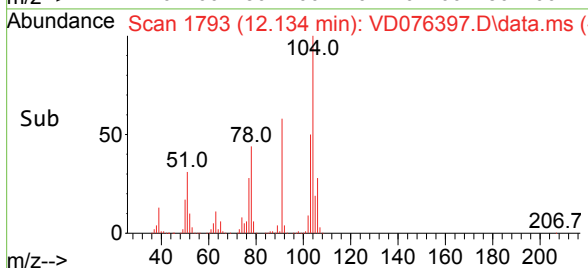
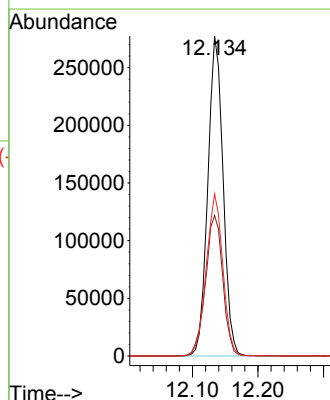
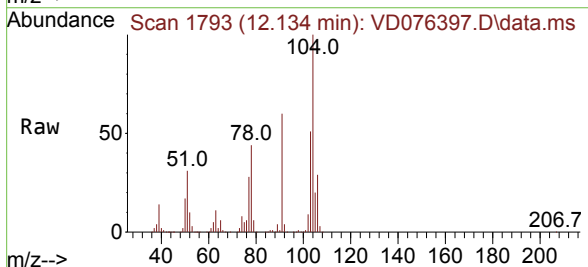
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

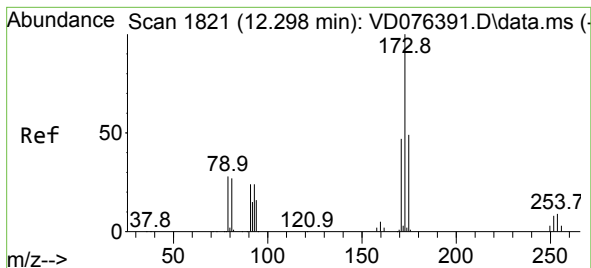
Tgt Ion:106 Resp: 268402
Ion Ratio Lower Upper
106 100
91 211.3 97.9 293.6



#70
Styrene
Concen: 46.560 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion:104 Resp: 449550
Ion Ratio Lower Upper
104 100
78 49.7 33.2 49.8
103 55.0 43.6 65.4





#71

Bromoform

Concen: 46.526 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

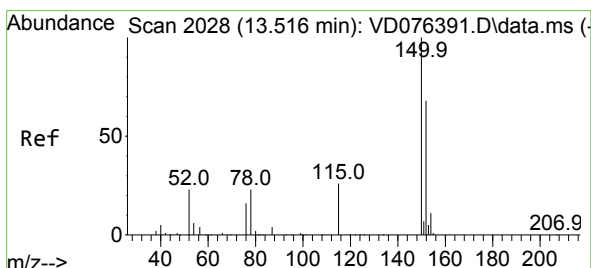
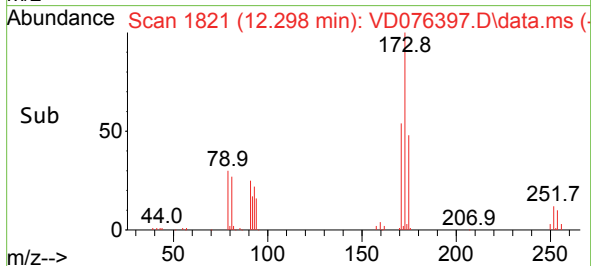
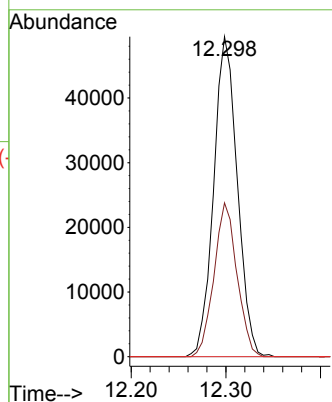
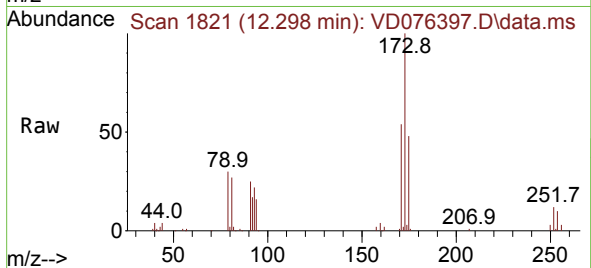
Tgt Ion:173 Resp: 85778

Ion Ratio Lower Upper

173 100

175 46.7 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

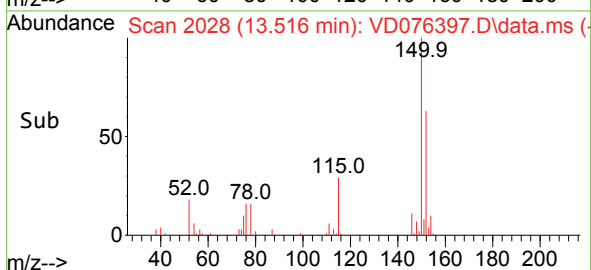
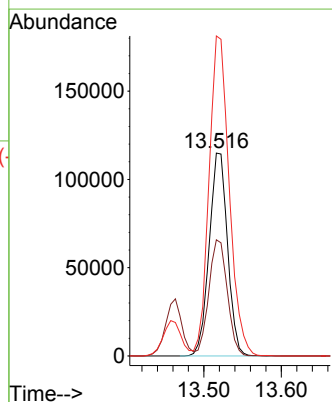
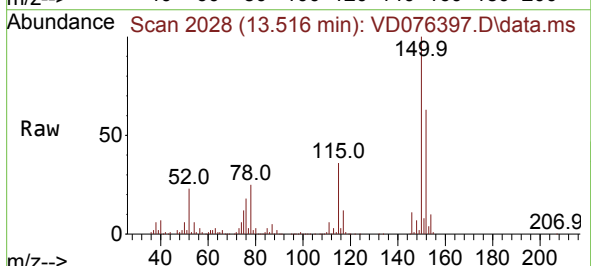
Tgt Ion:152 Resp: 189102

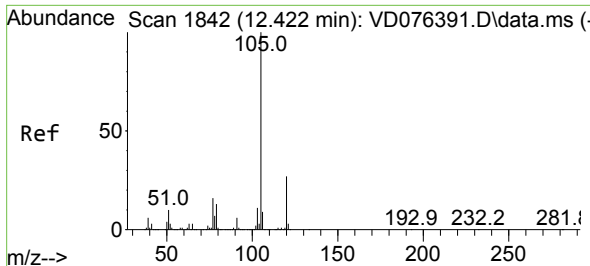
Ion Ratio Lower Upper

152 100

115 57.9 27.1 81.3

150 172.9 0.0 353.6

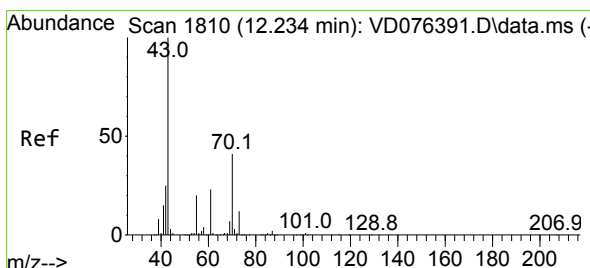
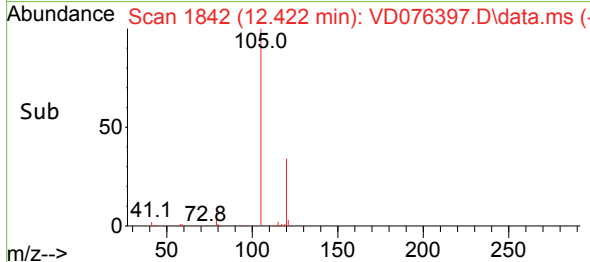
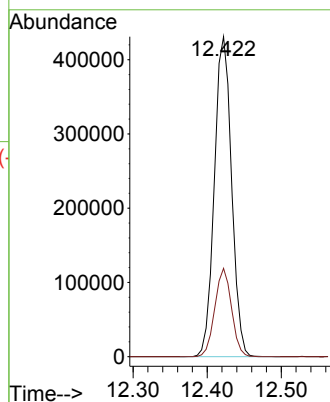
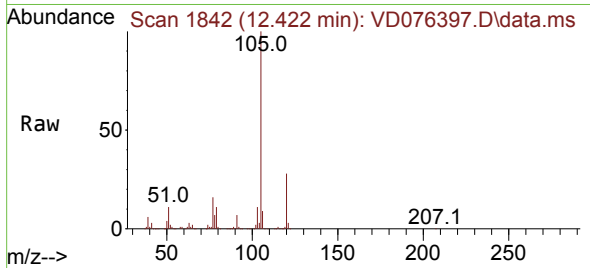




#73
Isopropylbenzene
Concen: 48.562 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

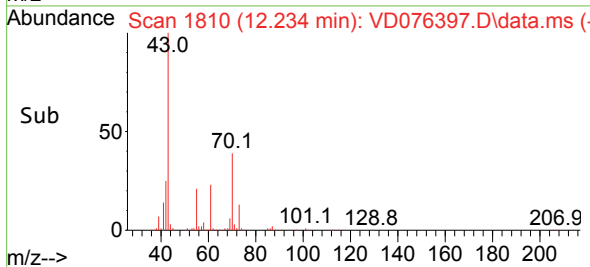
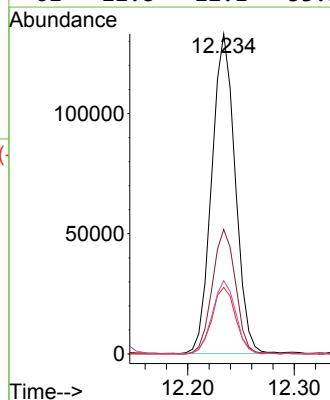
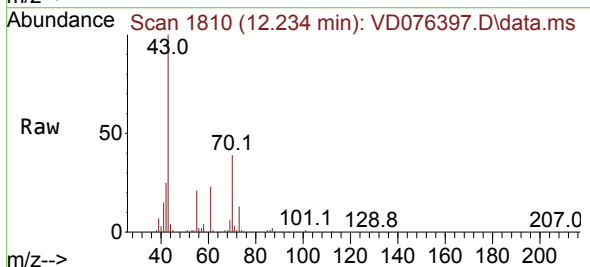
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

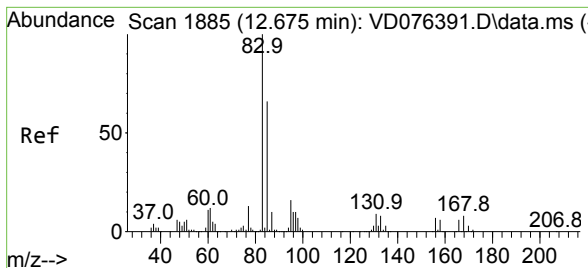
Tgt Ion:105 Resp: 694494
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 46.592 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 43 Resp: 203202
Ion Ratio Lower Upper
43 100
70 38.6 45.0 67.4#
55 21.4 23.8 35.6#
61 22.8 22.1 33.1

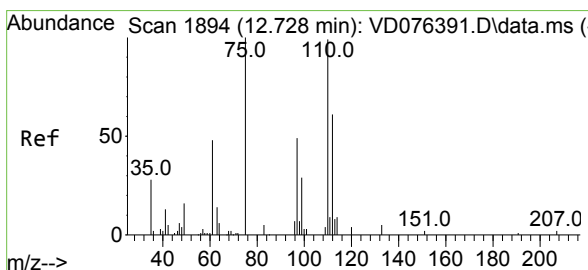
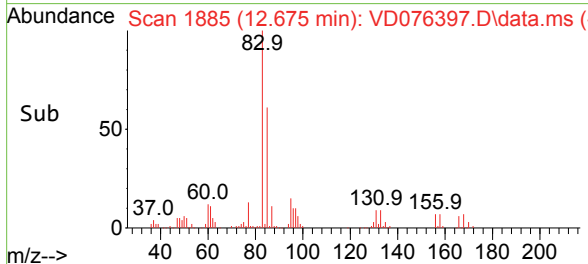
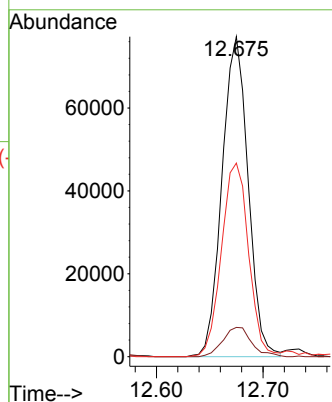
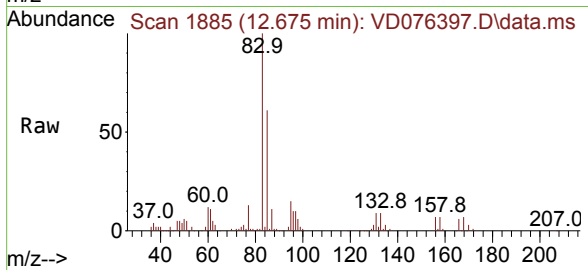




#75
1,1,2,2-Tetrachloroethane
Concen: 46.451 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

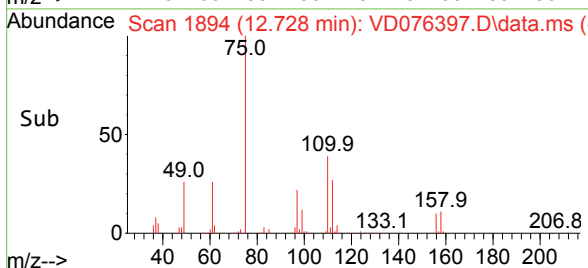
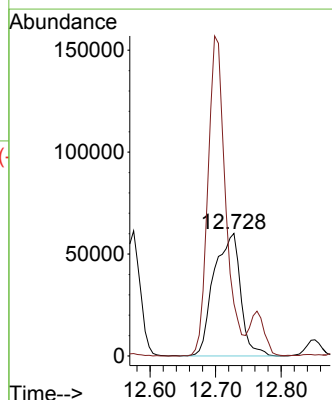
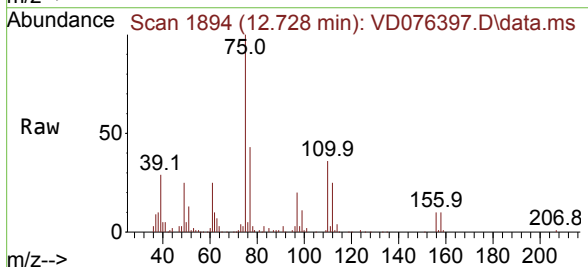
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

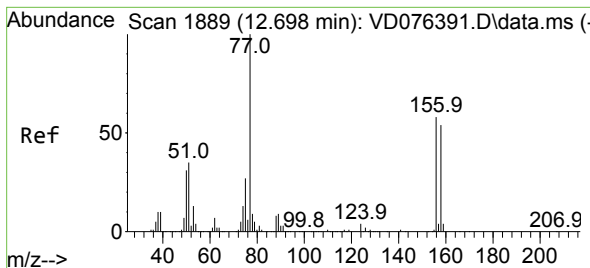
Tgt Ion: 83 Resp: 131183
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 62.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 96.183 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 75 Resp: 170040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

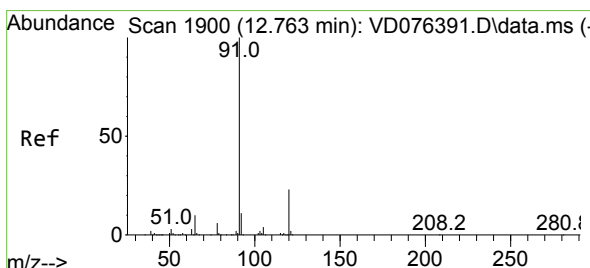
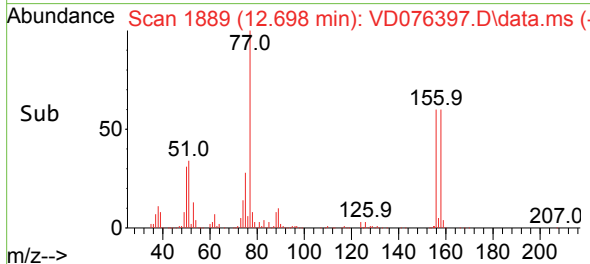
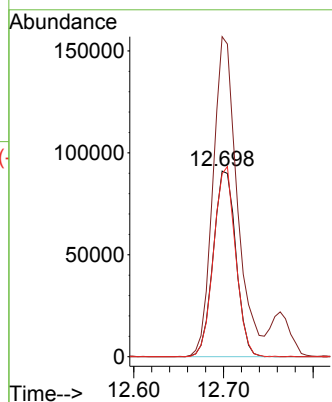
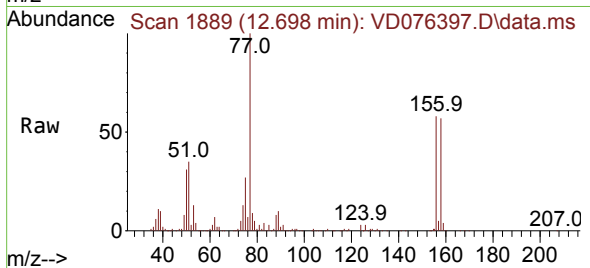




#77
Bromobenzene
Concen: 47.322 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

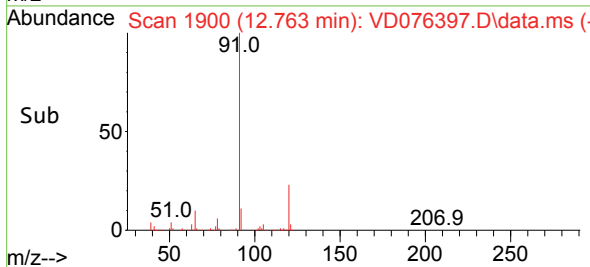
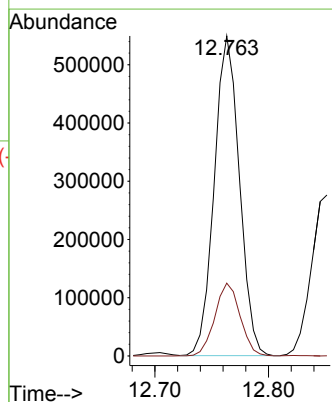
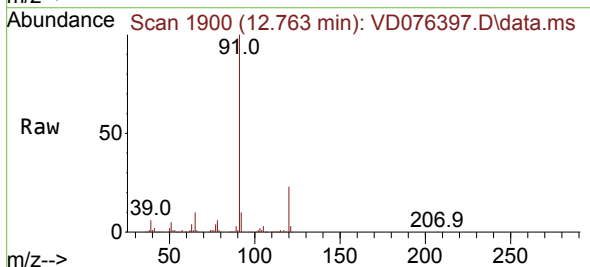
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

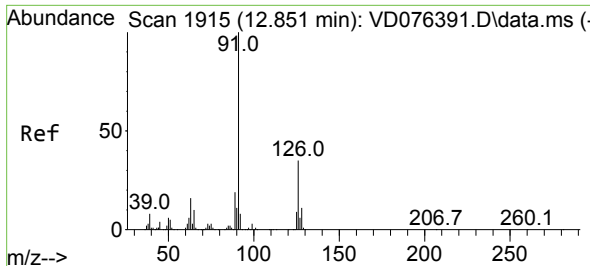
Tgt Ion:156 Resp: 159675
Ion Ratio Lower Upper
156 100
77 185.4 76.8 230.4
158 99.3 48.6 145.9



#78
n-propylbenzene
Concen: 48.407 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 91 Resp: 843821
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2

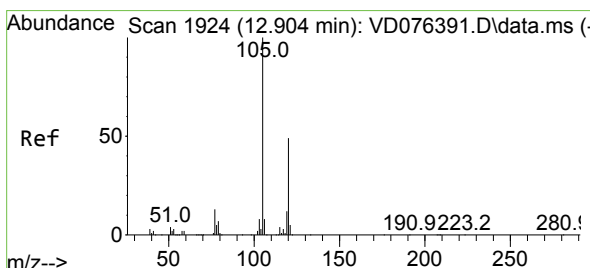
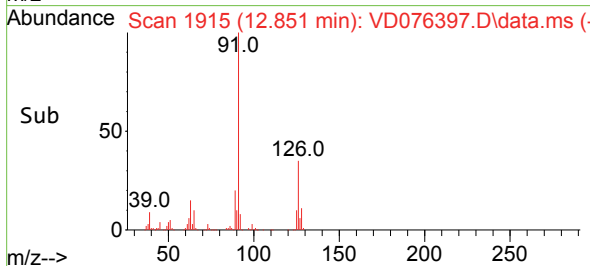
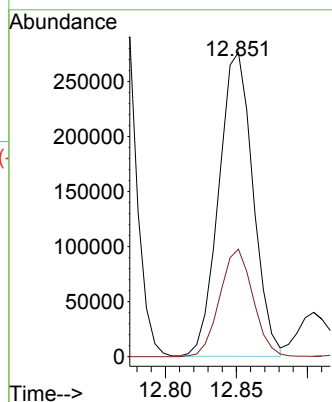
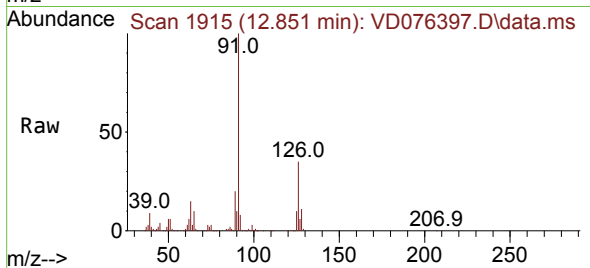




#79
2-Chlorotoluene
Concen: 46.887 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

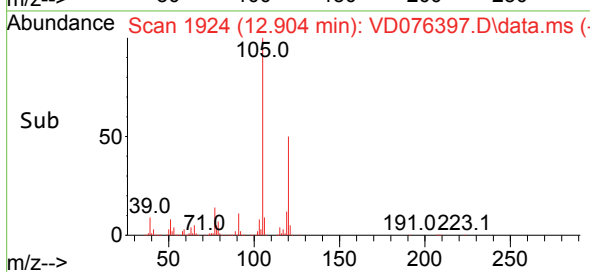
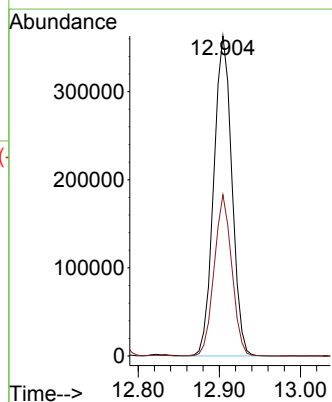
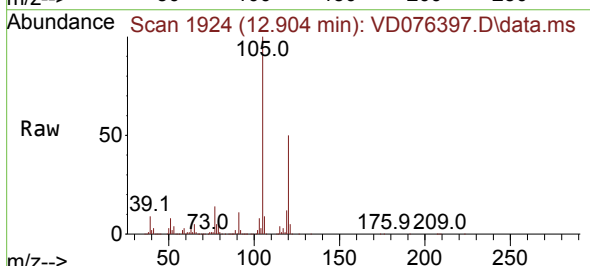
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

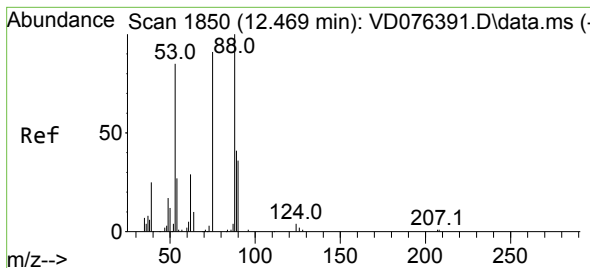
Tgt Ion: 91 Resp: 462503
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 47.271 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 105 Resp: 564269
Ion Ratio Lower Upper
105 100
120 48.9 26.4 79.2

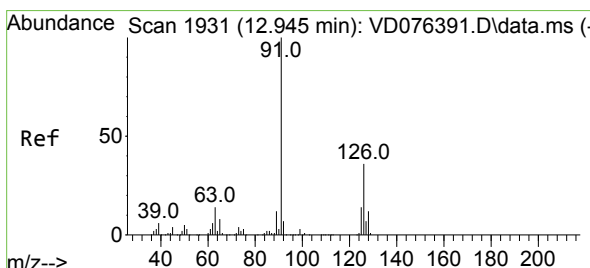
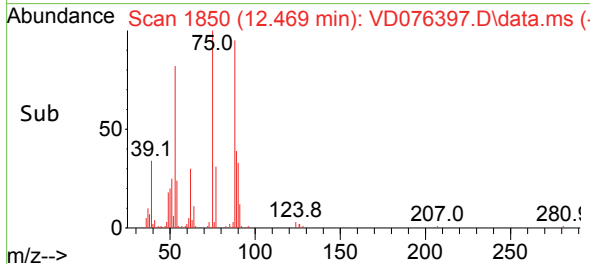
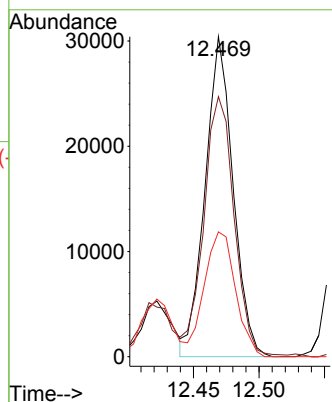
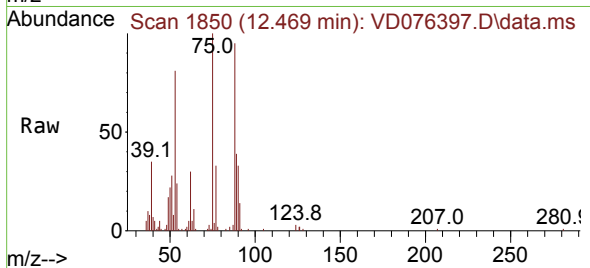




#81
trans-1,4-Dichloro-2-butene
Concen: 45.657 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

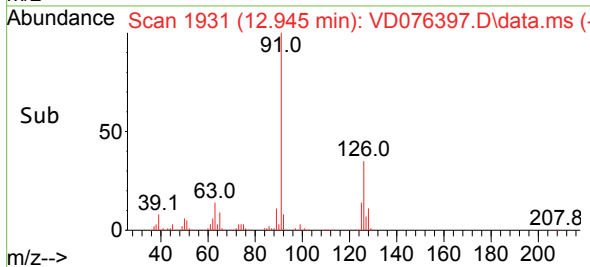
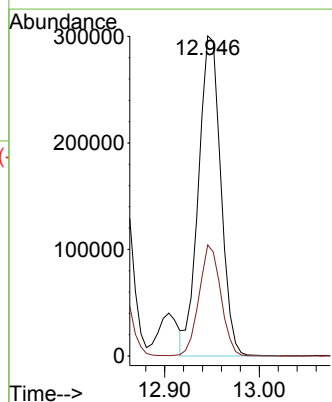
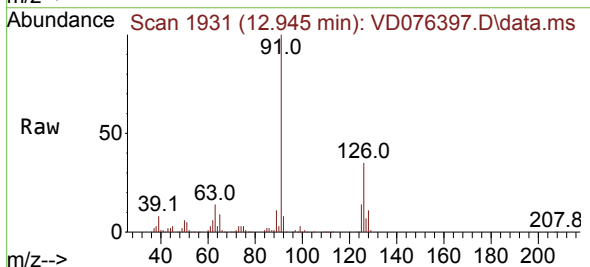
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

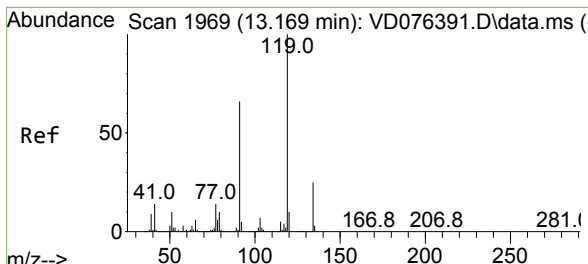
Tgt Ion: 75 Resp: 45082
Ion Ratio Lower Upper
75 100
53 88.6 63.0 94.4
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.507 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 91 Resp: 490739
Ion Ratio Lower Upper
91 100
126 33.9 19.4 58.4



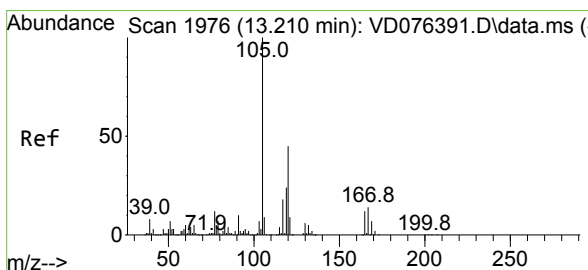
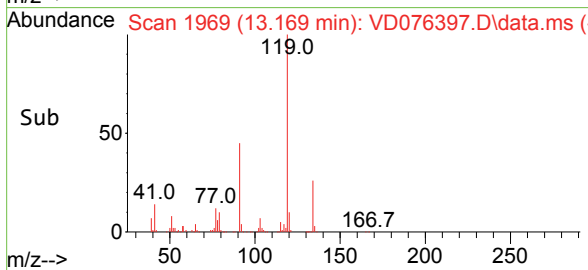
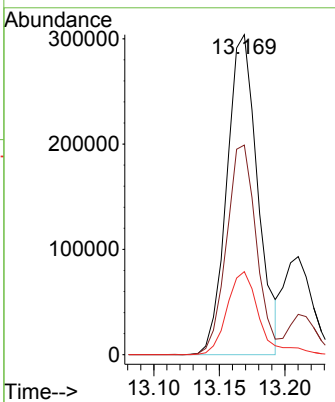
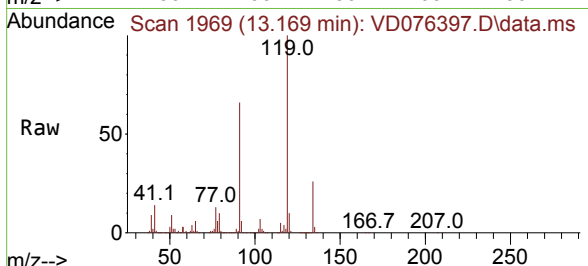


#83
 tert-Butylbenzene
 Concen: 48.579 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD076397.D
 Acq: 13 Jun 2023 10:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 497620

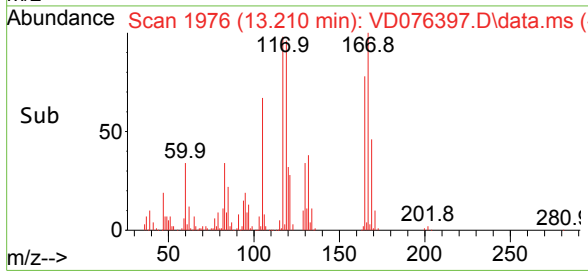
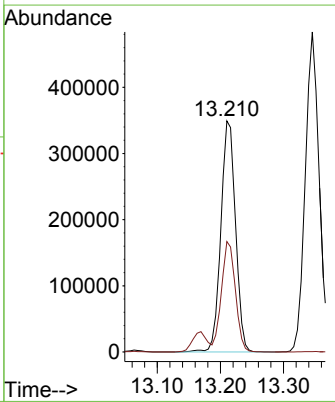
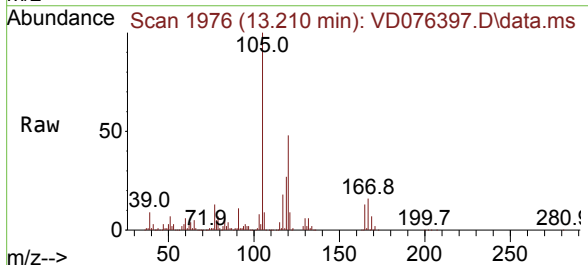
Ion	Ratio	Lower	Upper
119	100		
91	63.4	29.3	87.8
134	27.2	14.1	42.3

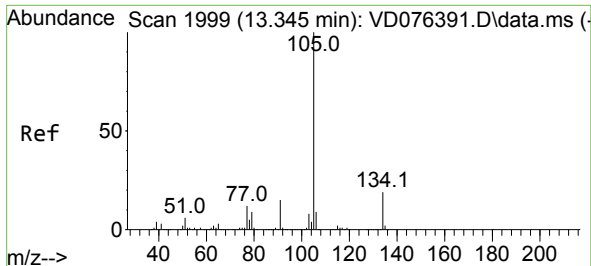


#84
 1,2,4-Trimethylbenzene
 Concen: 47.669 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076397.D
 Acq: 13 Jun 2023 10:47

Tgt Ion:105 Resp: 562193

Ion	Ratio	Lower	Upper
105	100		
120	45.5	24.3	72.9

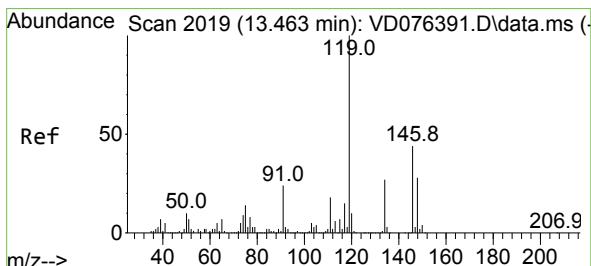
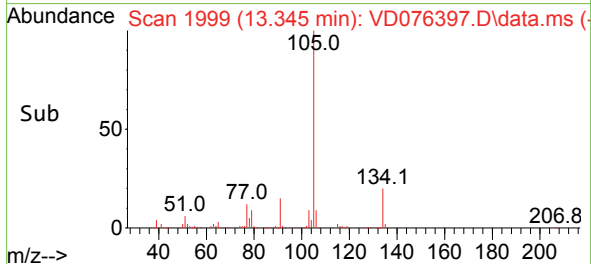
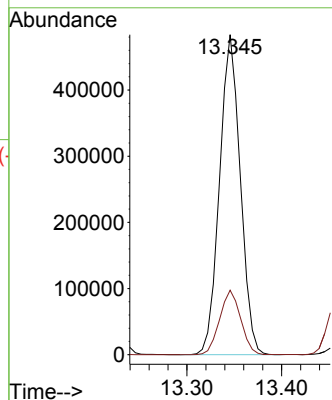
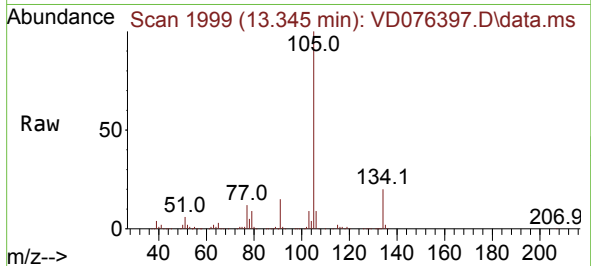




#85
 sec-Butylbenzene
 Concen: 48.849 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076397.D
 Acq: 13 Jun 2023 10:47

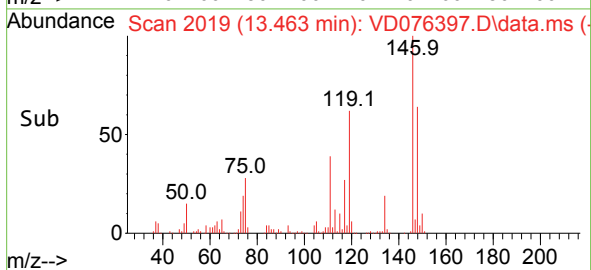
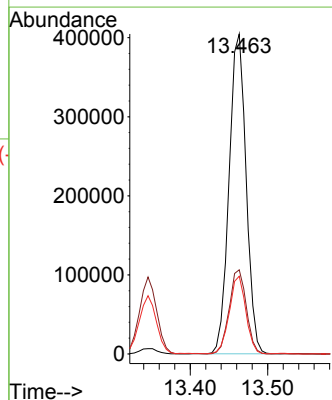
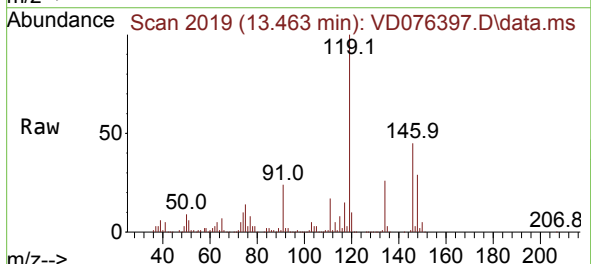
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

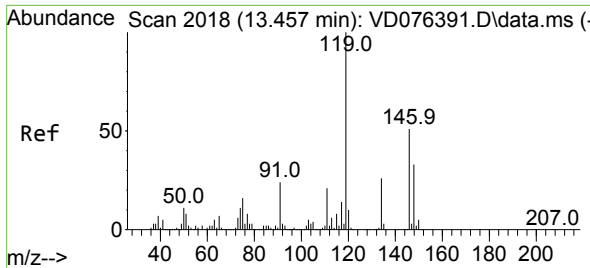
Tgt Ion:105 Resp: 736490
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 48.752 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076397.D
 Acq: 13 Jun 2023 10:47

Tgt Ion:119 Resp: 618915
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 23.5 10.5 31.5

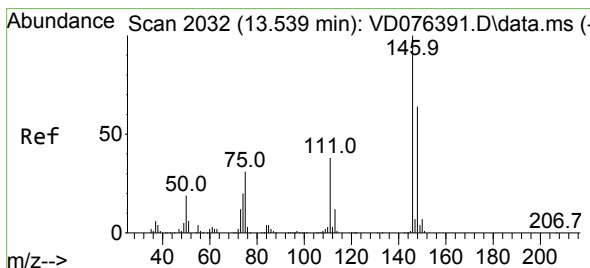
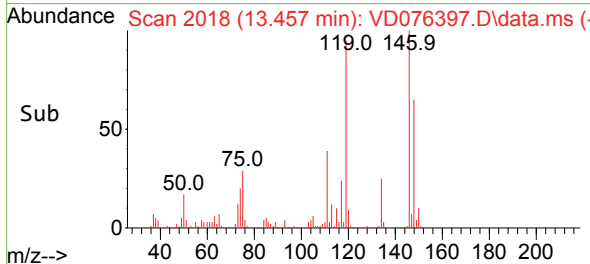
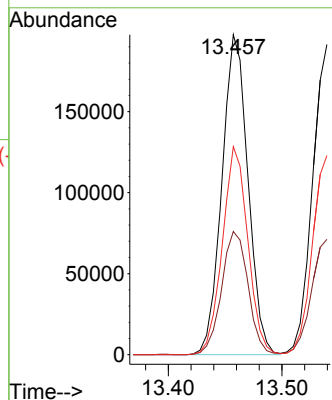
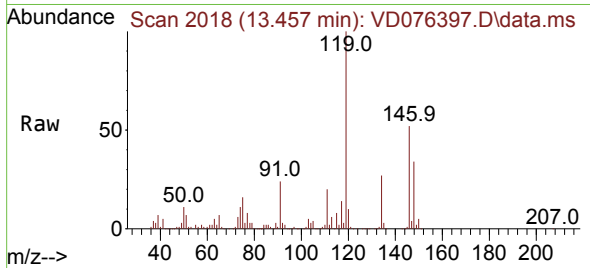




#87
1,3-Dichlorobenzene
Concen: 48.172 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

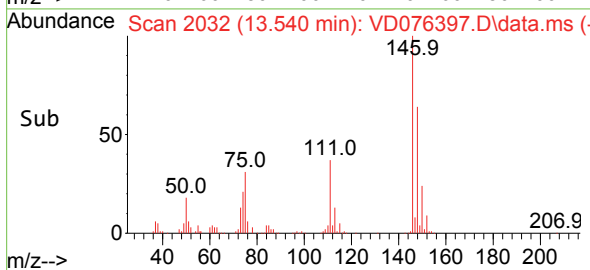
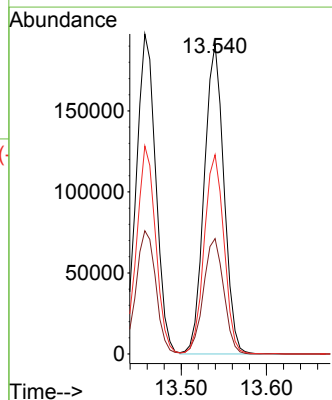
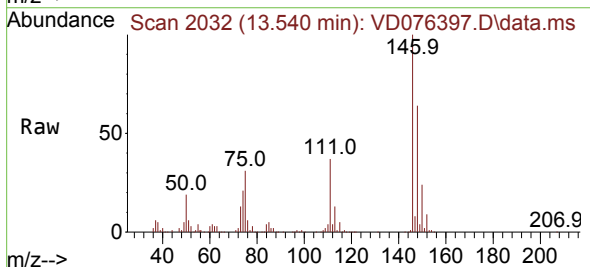
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

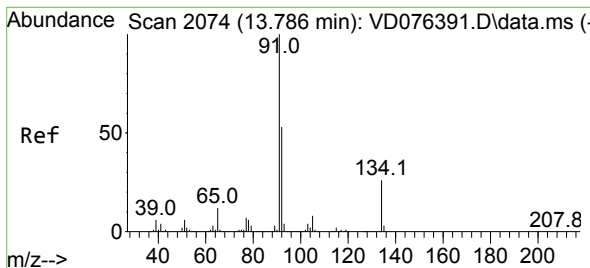
Tgt Ion:146 Resp: 314569
Ion Ratio Lower Upper
146 100
111 39.2 17.9 53.8
148 63.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 47.627 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion:146 Resp: 307362
Ion Ratio Lower Upper
146 100
111 38.4 17.4 52.3
148 64.7 31.7 95.1





#89

n-Butylbenzene

Concen: 48.763 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

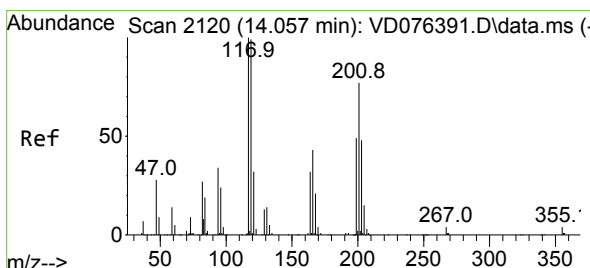
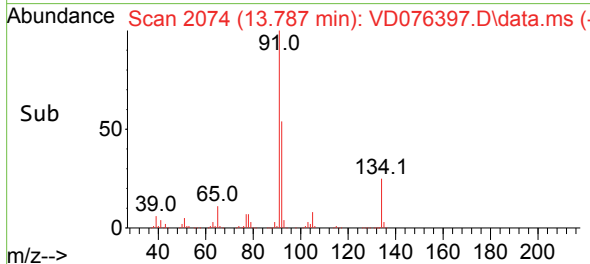
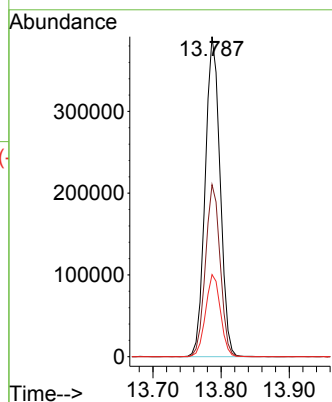
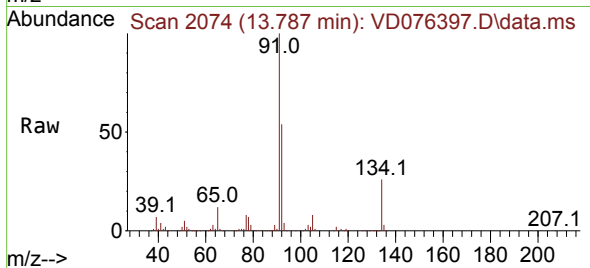
Tgt Ion: 91 Resp: 594787

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 25.7 13.8 41.3



#90

Hexachloroethane

Concen: 49.023 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD076397.D

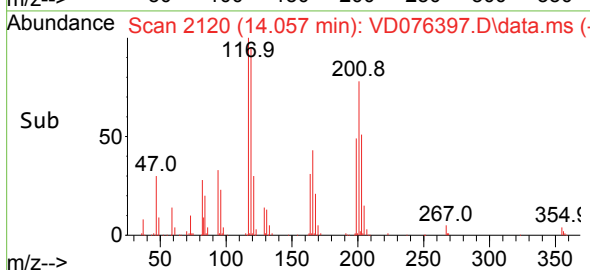
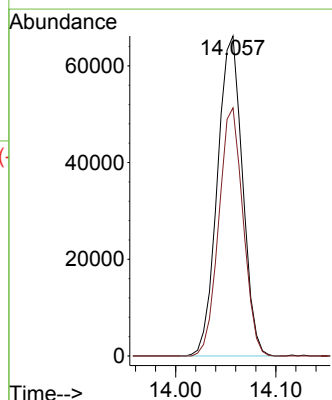
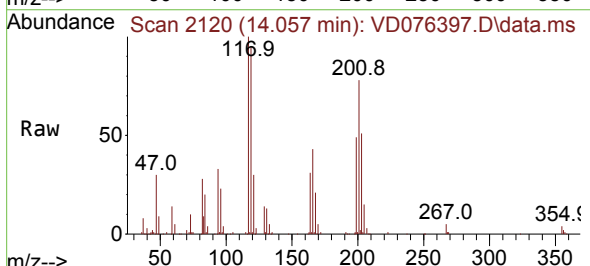
Acq: 13 Jun 2023 10:47

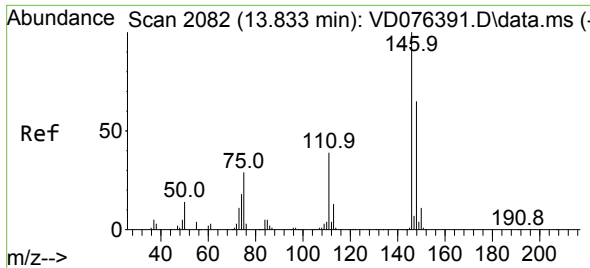
Tgt Ion: 117 Resp: 114850

Ion Ratio Lower Upper

117 100

201 75.0 38.5 115.5

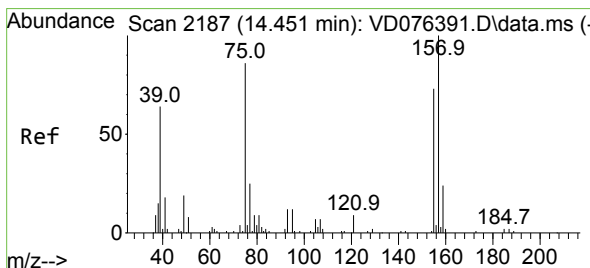
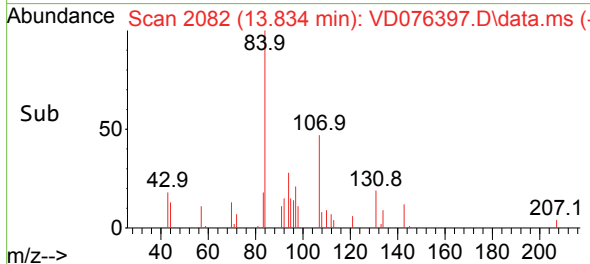
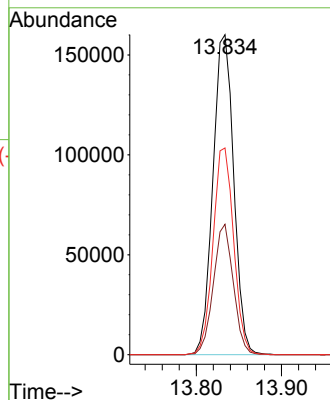
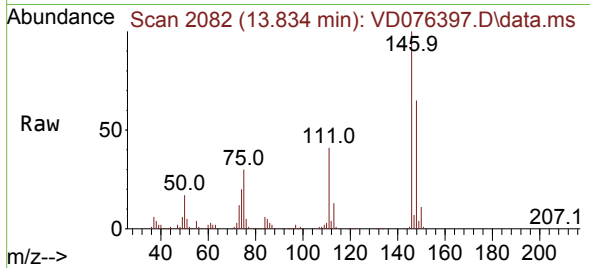




#91
1,2-Dichlorobenzene
Concen: 47.305 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

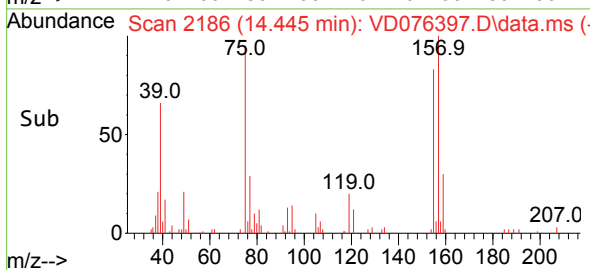
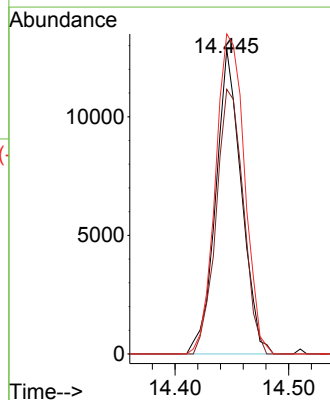
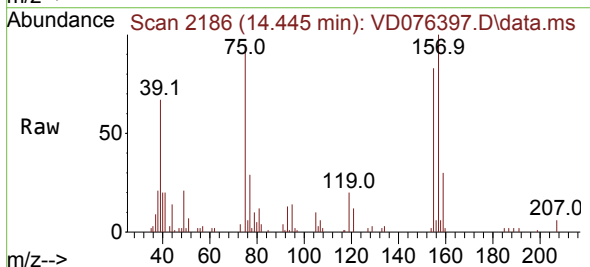
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

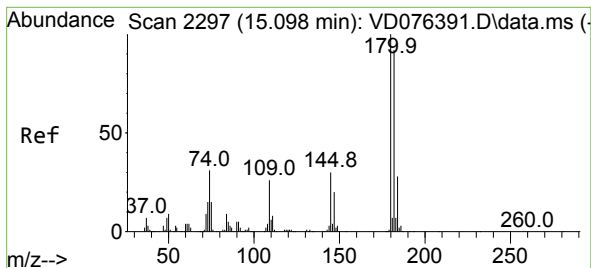
Tgt Ion:146 Resp: 271673
Ion Ratio Lower Upper
146 100
111 39.1 18.3 54.8
148 64.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.508 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076397.D
Acq: 13 Jun 2023 10:47

Tgt Ion: 75 Resp: 20184
Ion Ratio Lower Upper
75 100
155 91.6 47.9 143.8
157 118.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.193 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

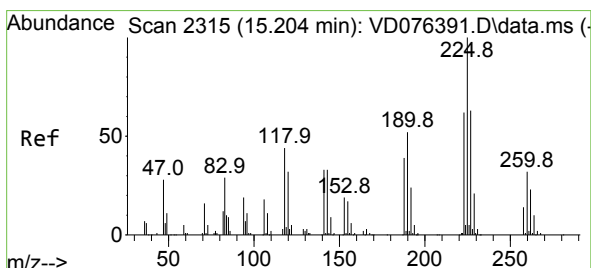
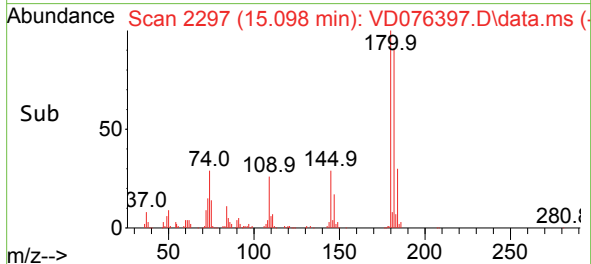
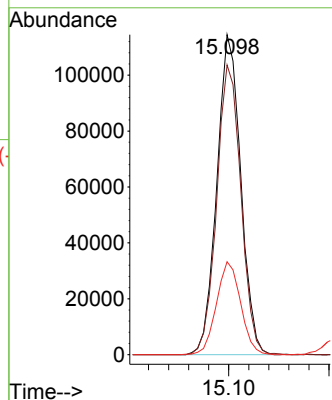
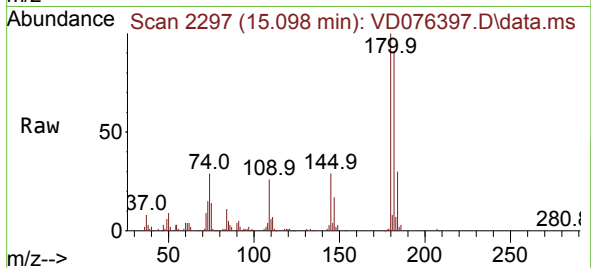
Tgt Ion:180 Resp: 189085

Ion Ratio Lower Upper

180 100

182 91.6 48.5 145.6

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.541 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

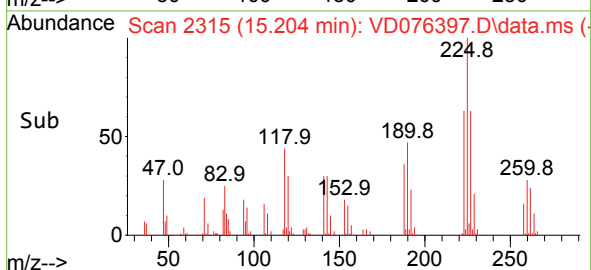
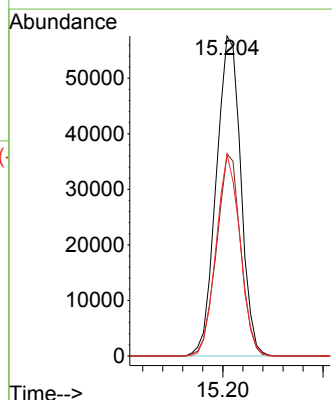
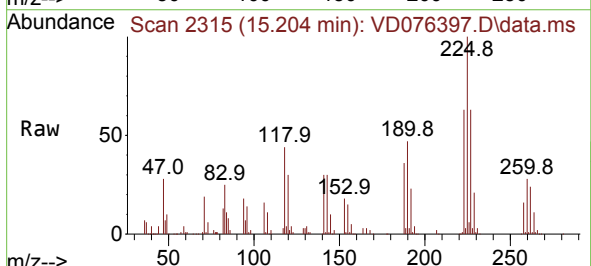
Tgt Ion:225 Resp: 97734

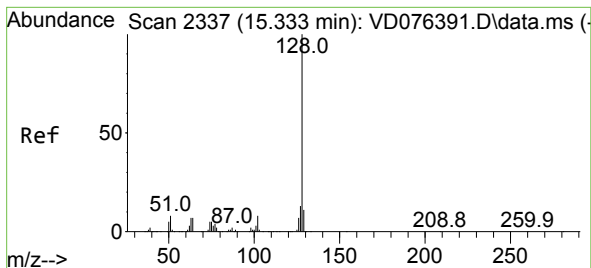
Ion Ratio Lower Upper

225 100

223 62.1 31.6 94.8

227 61.3 31.7 95.1





#95

Naphthalene

Concen: 46.772 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

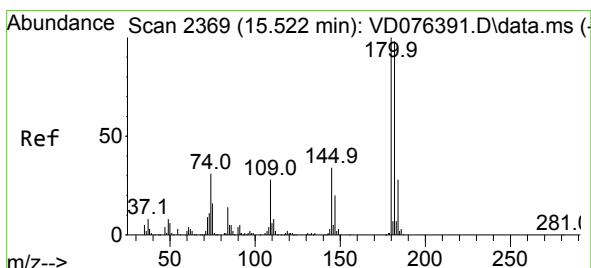
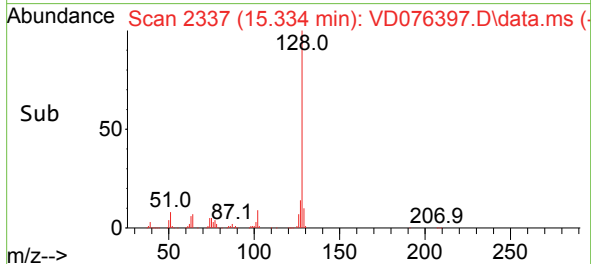
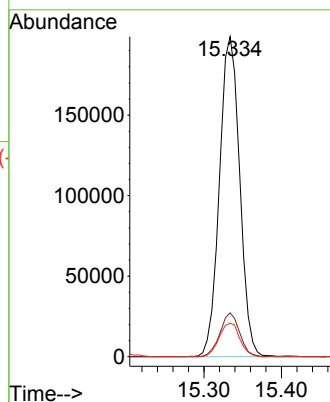
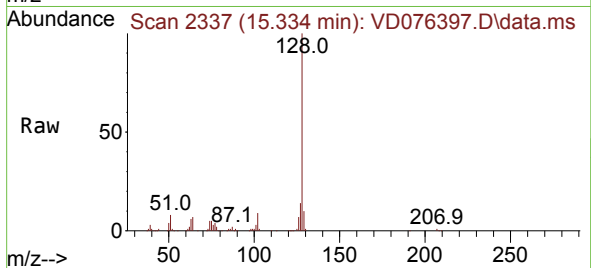
Tgt Ion:128 Resp: 361011

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.036 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076397.D

Acq: 13 Jun 2023 10:47

Tgt Ion:180 Resp: 159468

Ion Ratio Lower Upper

180 100

182 92.1 47.3 141.9

145 31.7 15.1 45.3

