

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076766.D
 Acq On : 18 Jul 2023 09:13
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 19 06:39:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	206994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86314	41.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.720%
35) Dibromofluoromethane	7.799	113	101723	45.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.580%
50) Toluene-d8	10.269	98	362809	45.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.575	95	117661	45.270	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	78298	48.372	ug/l	97
3) Chloromethane	2.146	50	117704	42.154	ug/l	98
4) Vinyl Chloride	2.275	62	172622	46.377	ug/l	99
5) Bromomethane	2.681	94	129352	42.238	ug/l	98
6) Chloroethane	2.828	64	123956	44.108	ug/l	99
7) Trichlorofluoromethane	3.163	101	162660	49.112	ug/l	97
8) Diethyl Ether	3.593	74	49669	43.557	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	109164	50.142	ug/l	97
10) Methyl Iodide	4.158	142	113705	46.332	ug/l	91
11) Tert butyl alcohol	5.058	59	33429	217.285	ug/l	95
12) 1,1-Dichloroethene	3.934	96	95079	46.484	ug/l	87
13) Acrolein	3.793	56	22776	217.241	ug/l	94
14) Allyl chloride	4.558	41	117358	43.677	ug/l	93
15) Acrylonitrile	5.252	53	115829	206.814	ug/l	97
16) Acetone	4.022	43	124515	252.882	ug/l #	85
17) Carbon Disulfide	4.263	76	214753	44.952	ug/l	96
18) Methyl Acetate	4.558	43	79950	43.217	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	235770	42.983	ug/l	99
20) Methylene Chloride	4.799	84	129924	42.838	ug/l	94
21) trans-1,2-Dichloroethene	5.299	96	105624	44.425	ug/l	97
22) Diisopropyl ether	6.210	45	275982	43.375	ug/l	98
23) Vinyl Acetate	6.152	43	657248	208.770	ug/l	95
24) 1,1-Dichloroethane	6.110	63	193763	45.166	ug/l	96
25) 2-Butanone	7.081	43	153029	232.220	ug/l #	86
26) 2,2-Dichloropropane	7.069	77	175551	47.471	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	133115	45.416	ug/l	96
28) Bromochloromethane	7.428	49	44424	41.419	ug/l	88
29) Tetrahydrofuran	7.446	42	82403	211.642	ug/l	92
30) Chloroform	7.593	83	216645	46.107	ug/l	97
31) Cyclohexane	7.875	56	141776	46.726	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	186326	49.149	ug/l	98
36) 1,1-Dichloropropene	8.004	75	147530	50.270	ug/l	98
37) Ethyl Acetate	7.169	43	58584	44.637	ug/l #	74
38) Carbon Tetrachloride	7.987	117	148479	52.838	ug/l	99
39) Methylcyclohexane	9.269	83	173962	51.337	ug/l	93
40) Benzene	8.251	78	440177	47.536	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35111	43.809	ug/l	# 90
42) 1,2-Dichloroethane	8.322	62	114911	47.761	ug/l	99
43) Isopropyl Acetate	8.357	43	114825	44.830	ug/l	93
44) Trichloroethene	9.022	130	120854	47.895	ug/l	93
45) 1,2-Dichloropropane	9.304	63	113629	47.538	ug/l	97
46) Dibromomethane	9.393	93	65194	46.596	ug/l	90
47) Bromodichloromethane	9.587	83	163562	46.585	ug/l	96
48) Methyl methacrylate	9.381	41	51113	43.845	ug/l	88
49) 1,4-Dioxane	9.393	88	16250	906.515	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	314543	230.646	ug/l	91
52) Toluene	10.334	92	287911	47.341	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	151771	46.571	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	175663	45.736	ug/l	# 87
55) 1,1,2-Trichloroethane	10.734	97	94451	46.230	ug/l	97
56) Ethyl methacrylate	10.598	69	106701	45.248	ug/l	# 90
57) 1,3-Dichloropropane	10.881	76	151776	45.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	183978	201.558	ug/l	98
59) 2-Hexanone	10.922	43	229648	235.998	ug/l	95
60) Dibromochloromethane	11.075	129	117059	49.320	ug/l	99
61) 1,2-Dibromoethane	11.181	107	85487	45.131	ug/l	98
64) Tetrachloroethene	10.810	164	96706	53.377	ug/l	92
65) Chlorobenzene	11.604	112	314409	49.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	117679	49.463	ug/l	95
67) Ethyl Benzene	11.681	91	567577	50.575	ug/l	95
68) m/p-Xylenes	11.792	106	440686	102.245	ug/l	93
69) o-Xylene	12.122	106	210041	50.394	ug/l	94
70) Styrene	12.134	104	366407	50.219	ug/l	98
71) Bromoform	12.298	173	66142	50.761	ug/l	# 97
73) Isopropylbenzene	12.422	105	562077	51.121	ug/l	95
74) N-amyl acetate	12.234	43	106604	46.023	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	112823	47.792	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	130080	90.259	ug/l	# 100
77) Bromobenzene	12.698	156	123742	48.757	ug/l	90
78) n-propylbenzene	12.763	91	694977	52.138	ug/l	95
79) 2-Chlorotoluene	12.845	91	369231	50.520	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	456191	51.312	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32212	47.568	ug/l	96
82) 4-Chlorotoluene	12.945	91	383404	50.215	ug/l	94
83) tert-Butylbenzene	13.169	119	413203	52.785	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	455738	50.163	ug/l	96
85) sec-Butylbenzene	13.345	105	640965	53.593	ug/l	95
86) p-Isopropyltoluene	13.463	119	521228	52.771	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	261515	50.098	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	250890	49.056	ug/l	98
89) n-Butylbenzene	13.786	91	504562	52.204	ug/l	97
90) Hexachloroethane	14.051	117	100782	55.191	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	222753	48.427	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14543	43.206	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	135551	48.270	ug/l	99
94) Hexachlorobutadiene	15.204	225	70538	52.229	ug/l	97
95) Naphthalene	15.333	128	283742	46.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	121217	48.102	ug/l	98

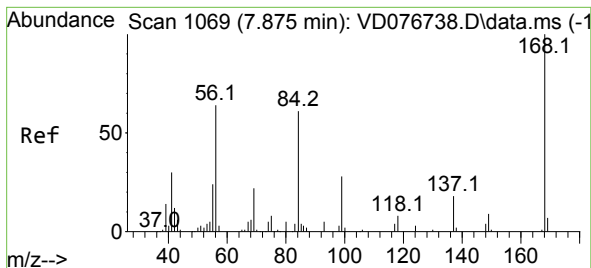
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

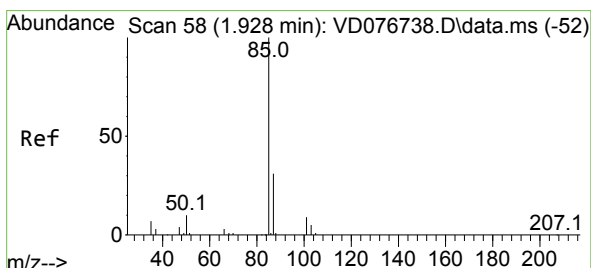
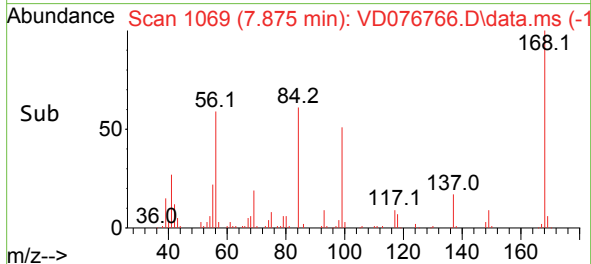
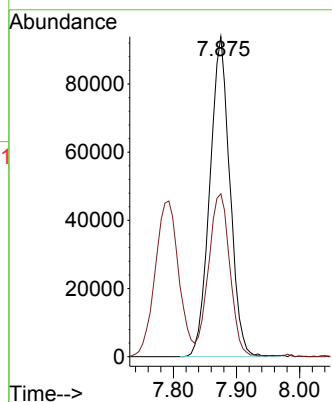
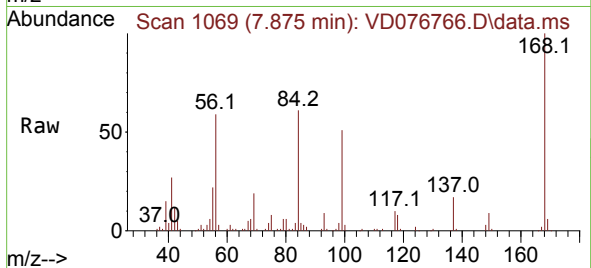
VSTDCCC050

Tgt Ion:168 Resp: 206994

Ion Ratio Lower Upper

168 100

99 50.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 48.372 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076766.D

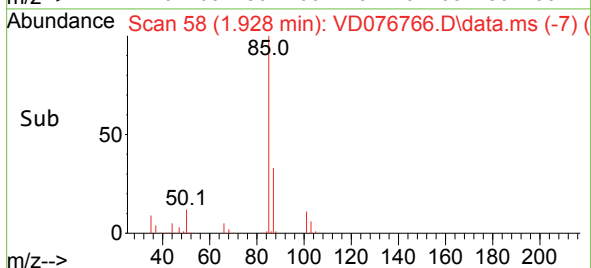
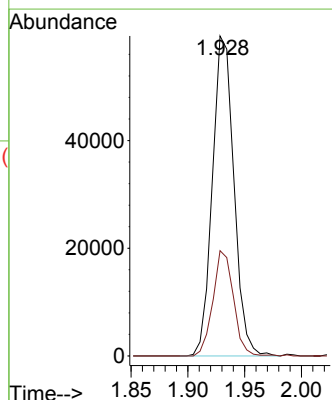
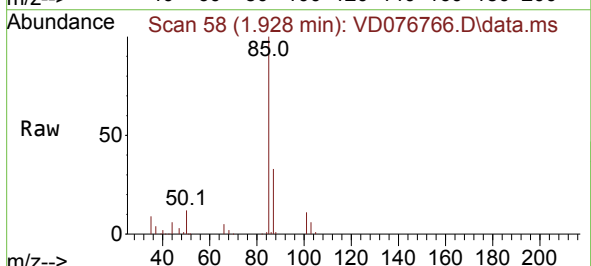
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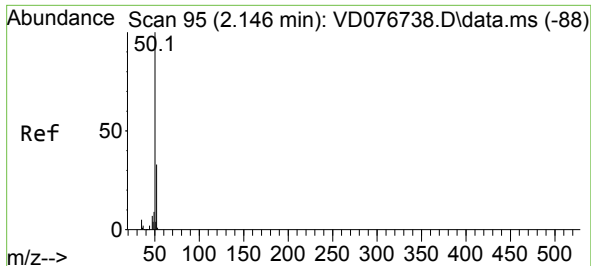
Tgt Ion: 85 Resp: 78298

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.0

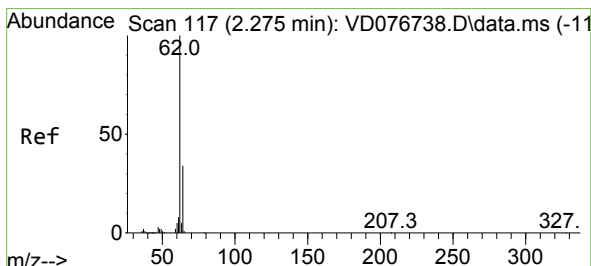
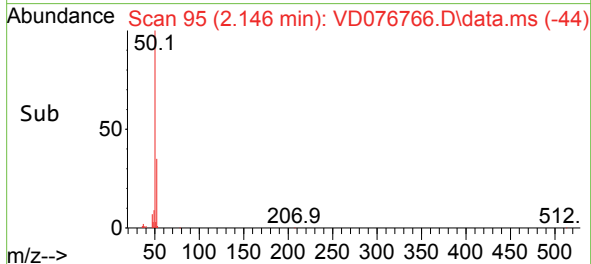
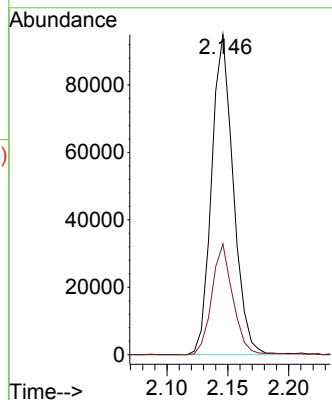
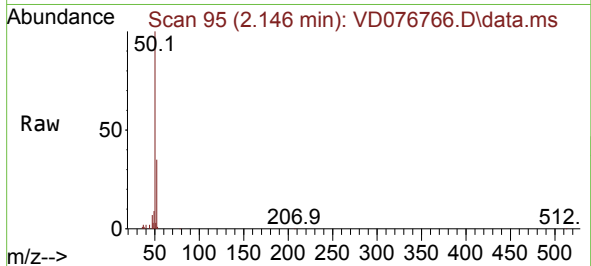




#3
Chloromethane
Concen: 42.154 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

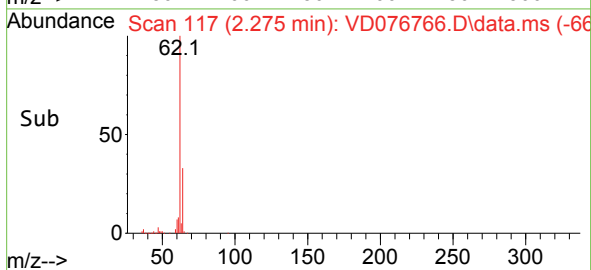
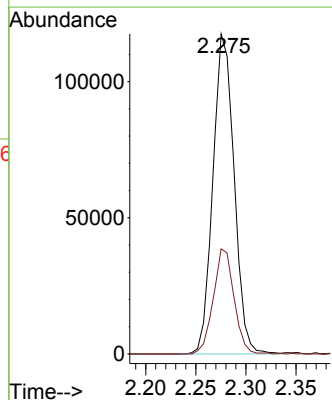
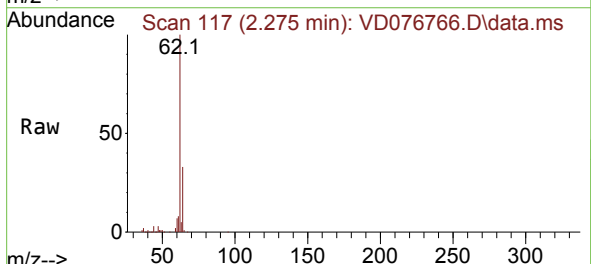
Instrument :
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ClientSampleId :
VSTDCCC050

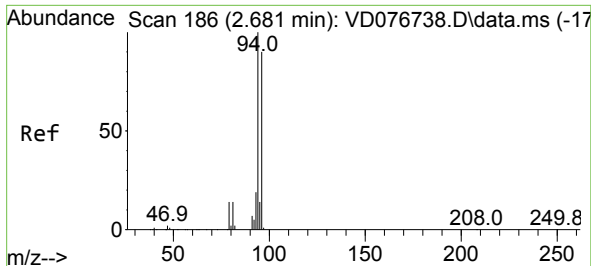
Tgt Ion: 50 Resp: 117704
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0



#4
Vinyl Chloride
Concen: 46.377 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 62 Resp: 172622
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

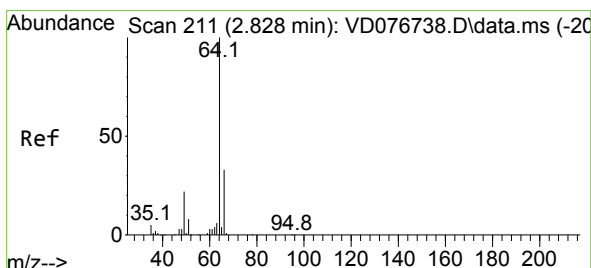
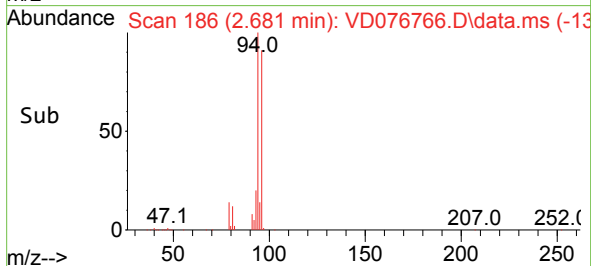
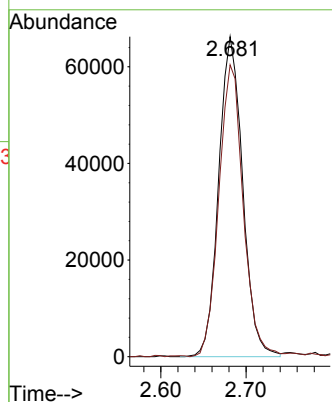
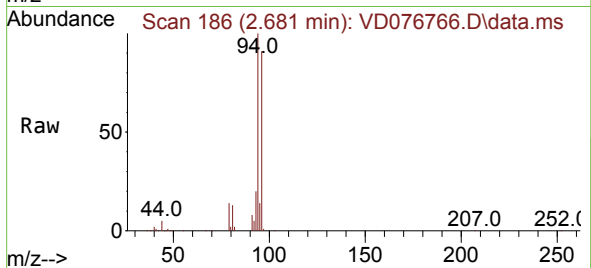




#5
Bromomethane
Concen: 42.238 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

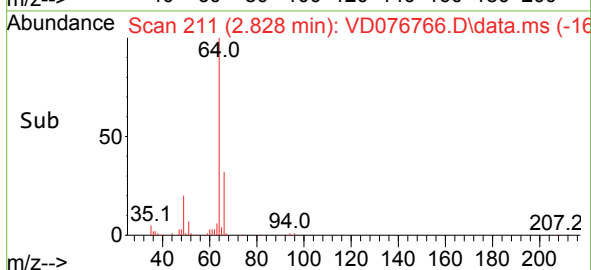
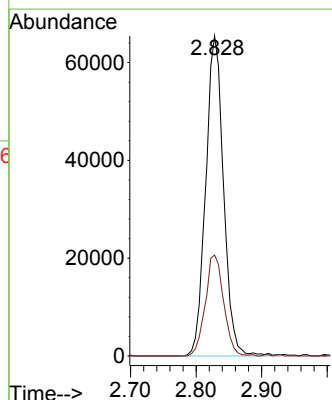
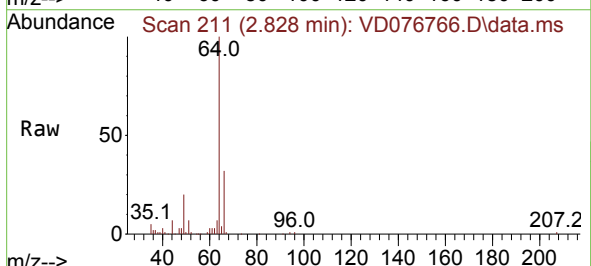
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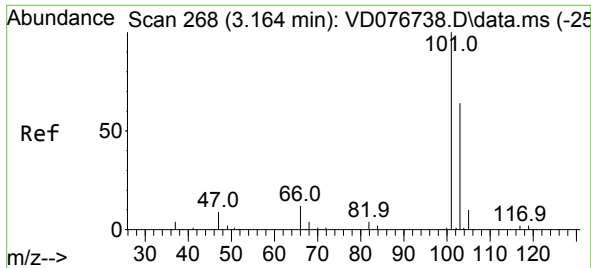
Tgt Ion: 94 Resp: 129352
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8



#6
Chloroethane
Concen: 44.108 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 64 Resp: 123956
Ion Ratio Lower Upper
64 100
66 31.6 25.5 38.3

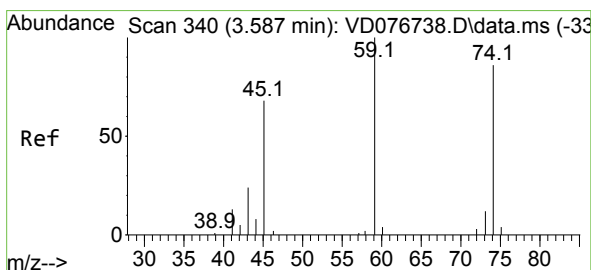
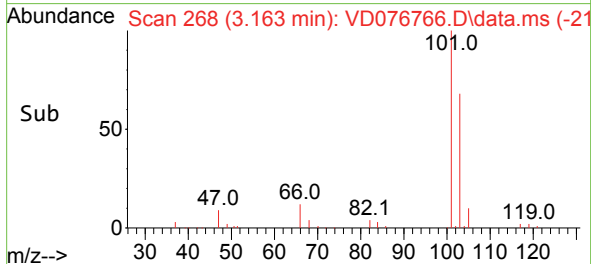
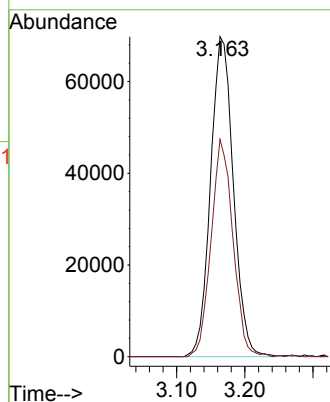
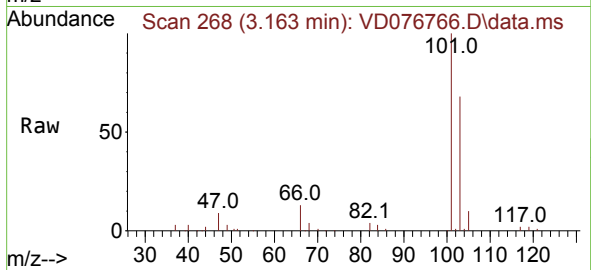




#7
Trichlorofluoromethane
Concen: 49.112 ug/l
RT: 3.163 min Scan# 210
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

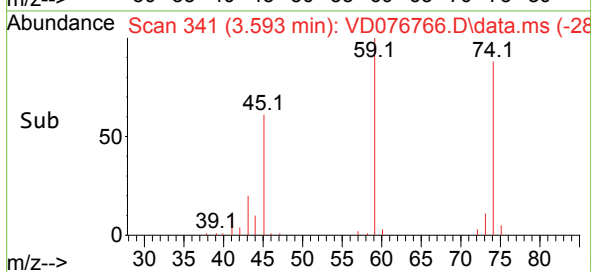
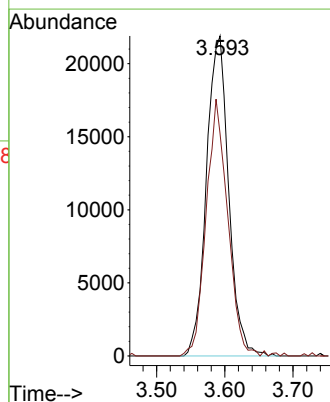
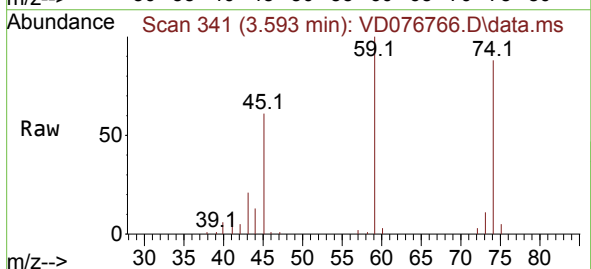
Instrument :
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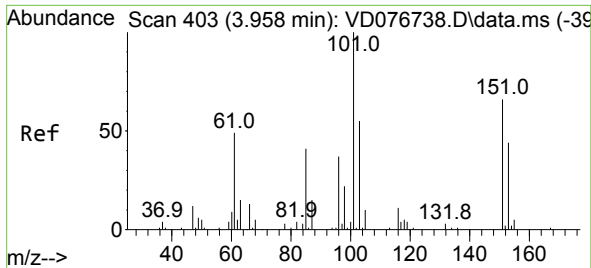
Tgt Ion:101 Resp: 162660
Ion Ratio Lower Upper
101 100
103 67.8 52.3 78.5



#8
Diethyl Ether
Concen: 43.557 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 74 Resp: 49669
Ion Ratio Lower Upper
74 100
45 77.6 37.5 112.7

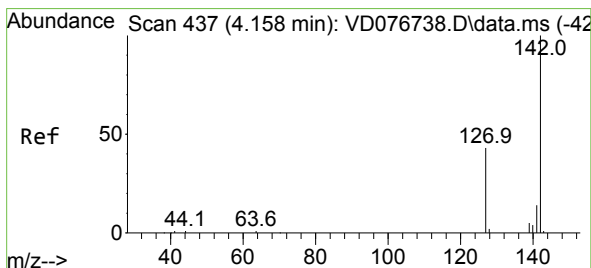
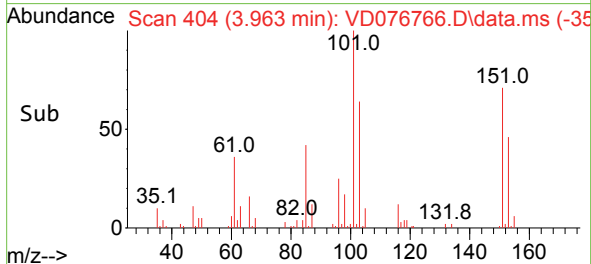
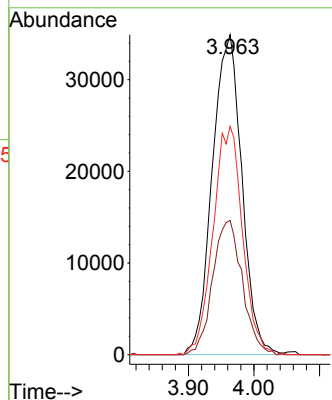
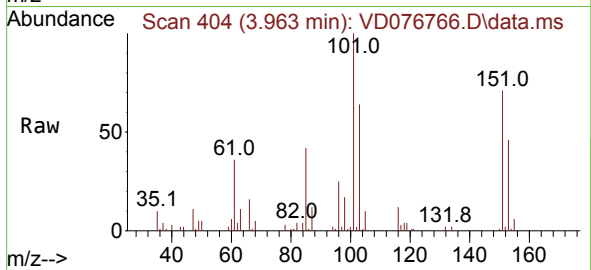




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.142 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.005 min
Lab File: VD076766.D
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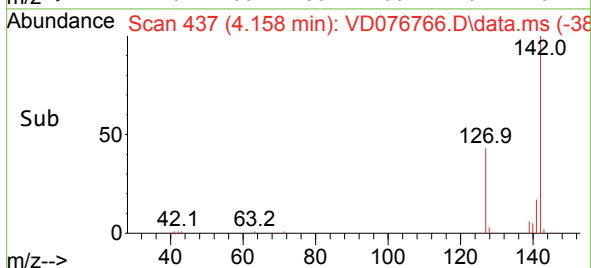
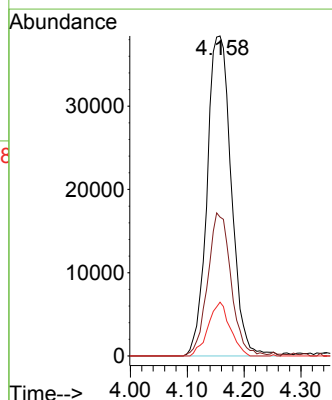
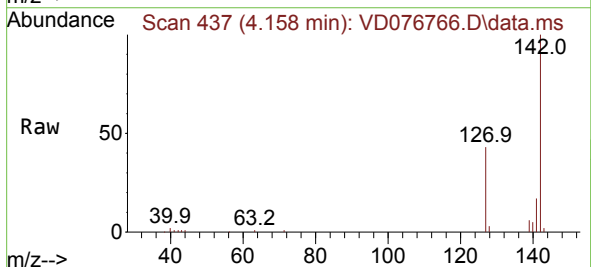
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

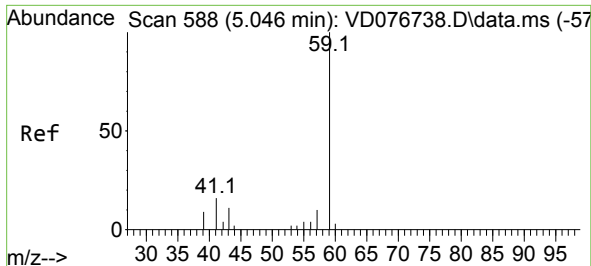
Tgt Ion:101 Resp: 109164
Ion Ratio Lower Upper
101 100
85 42.1 33.8 50.6
151 71.0 59.8 89.6



#10
Methyl Iodide
Concen: 46.332 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:142 Resp: 113705
Ion Ratio Lower Upper
142 100
127 43.2 29.4 44.0
141 15.2 11.1 16.7

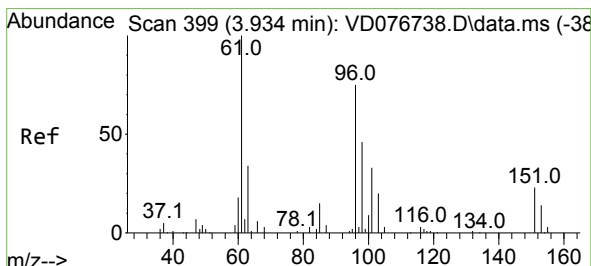
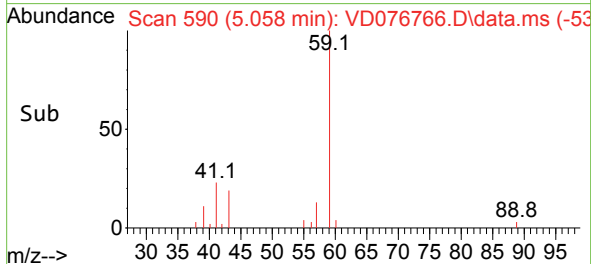
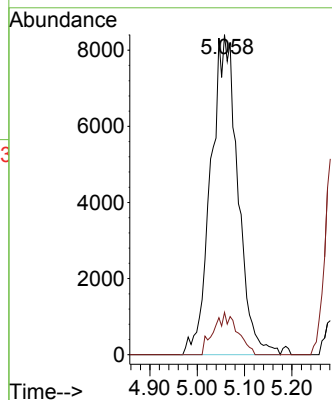
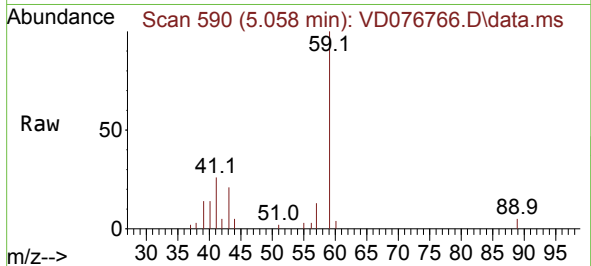




#11
Tert butyl alcohol
Concen: 217.285 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

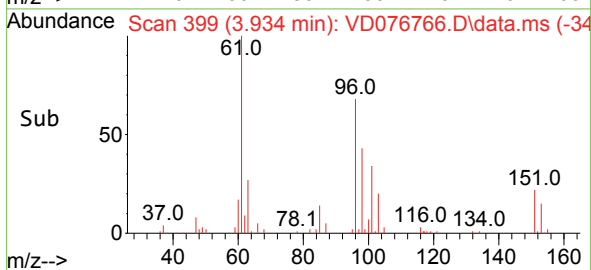
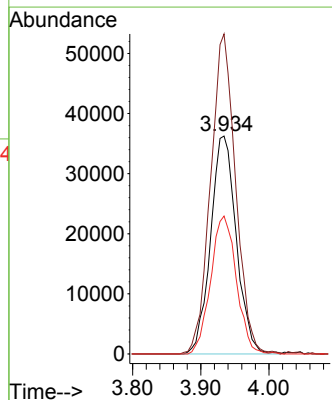
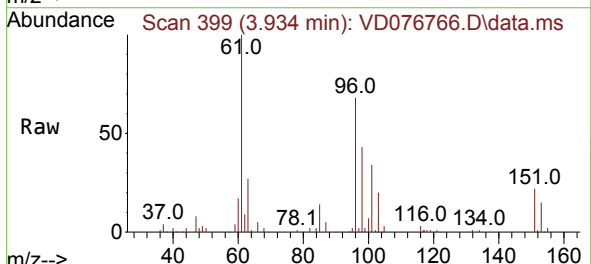
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

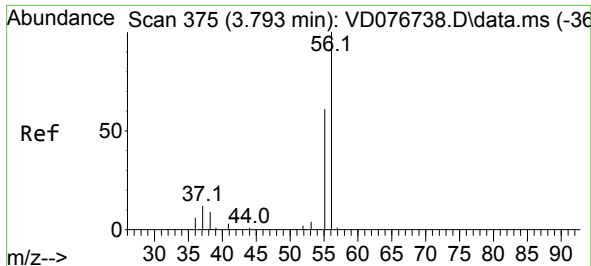
Tgt Ion: 59 Resp: 33429
Ion Ratio Lower Upper
59 100
57 11.5 7.8 11.8



#12
1,1-Dichloroethene
Concen: 46.484 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 96 Resp: 95079
Ion Ratio Lower Upper
96 100
61 146.9 100.6 150.8
98 63.3 50.2 75.2

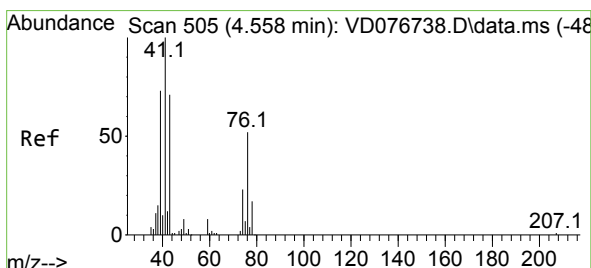
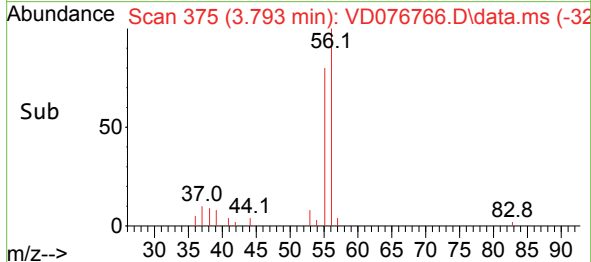
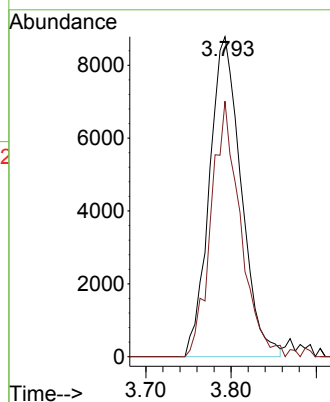
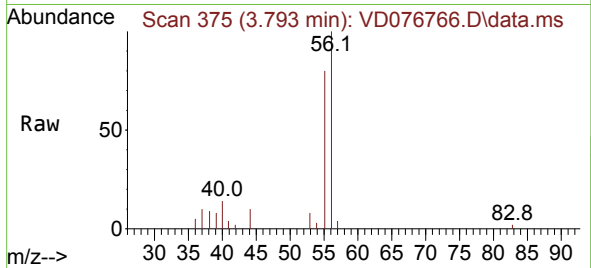




#13
Acrolein
Concen: 217.241 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

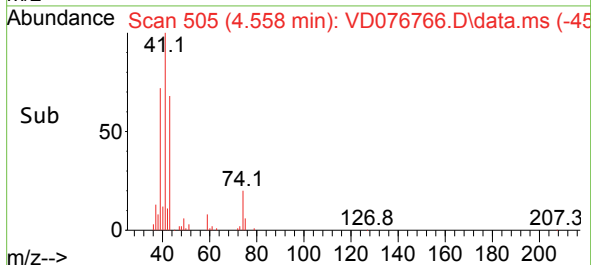
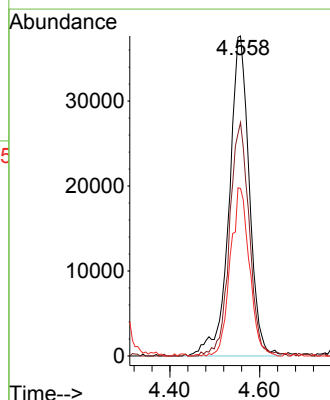
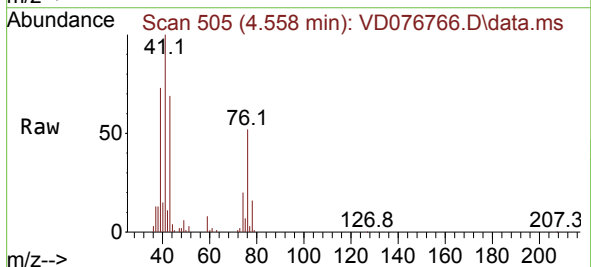
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

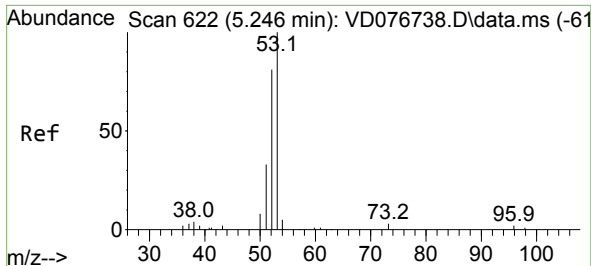
Tgt Ion: 56 Resp: 22776
Ion Ratio Lower Upper
56 100
55 73.5 55.1 82.7



#14
Allyl chloride
Concen: 43.677 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 41 Resp: 117358
Ion Ratio Lower Upper
41 100
39 71.6 53.8 80.6
76 50.1 45.8 68.8

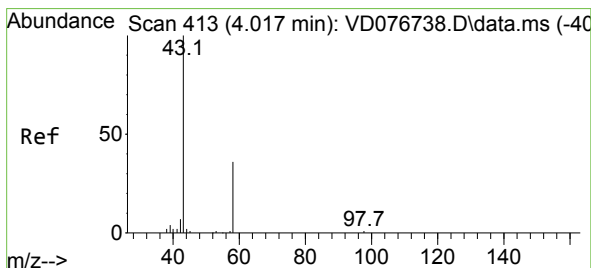
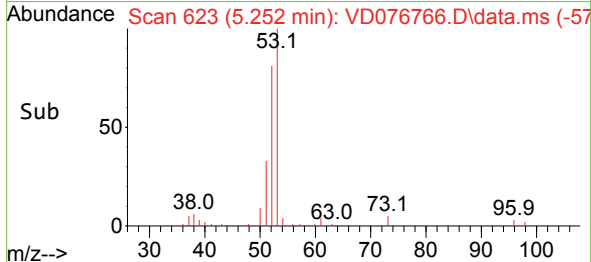
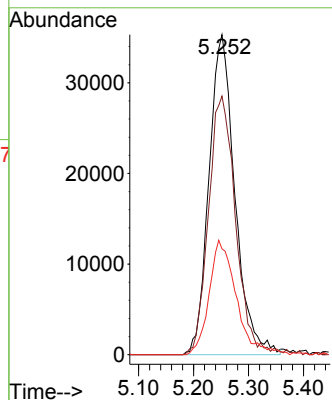
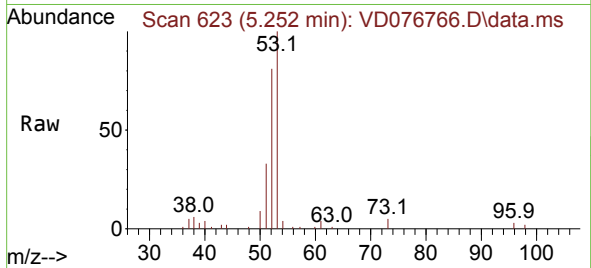




#15
Acrylonitrile
Concen: 206.814 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

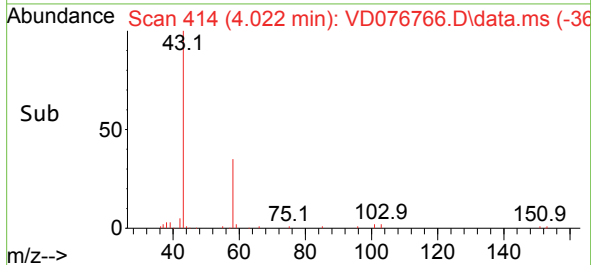
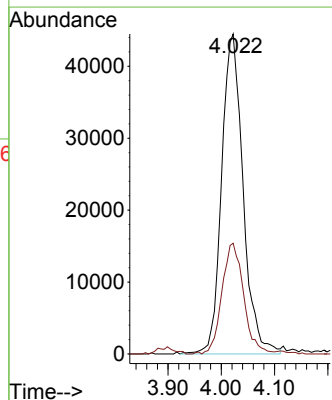
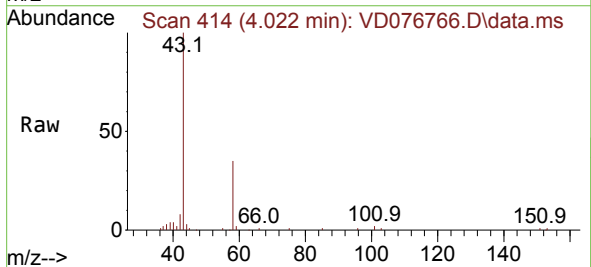
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

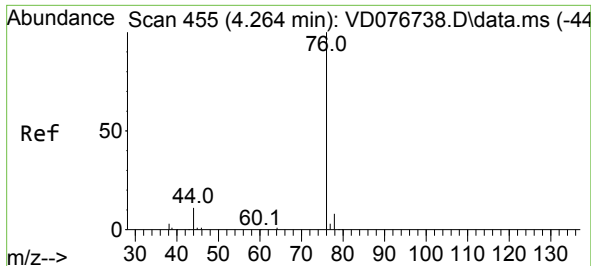
Tgt Ion: 53 Resp: 115829
Ion Ratio Lower Upper
53 100
52 83.7 65.0 97.4
51 37.3 28.3 42.5



#16
Acetone
Concen: 252.882 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 43 Resp: 124515
Ion Ratio Lower Upper
43 100
58 33.8 34.7 52.1#

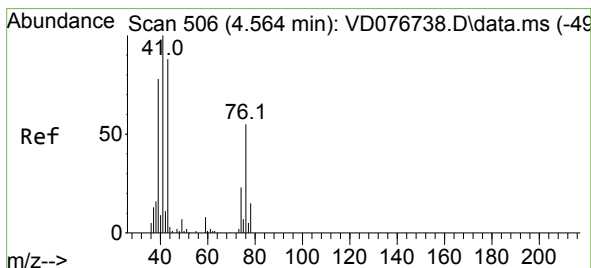
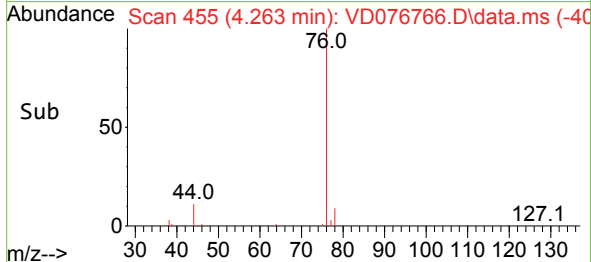
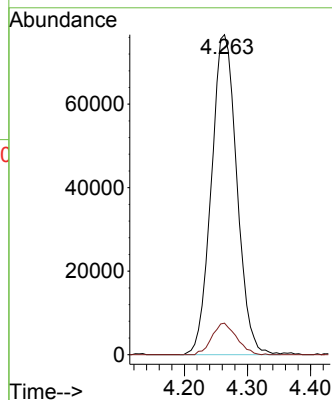
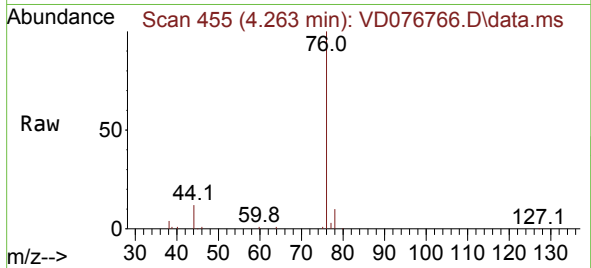




#17
Carbon Disulfide
Concen: 44.952 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

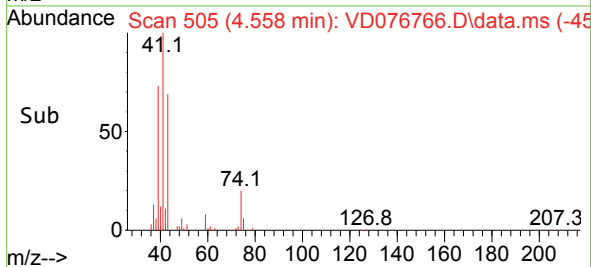
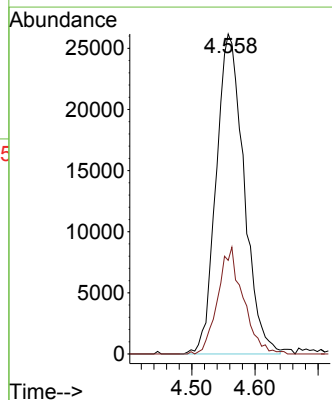
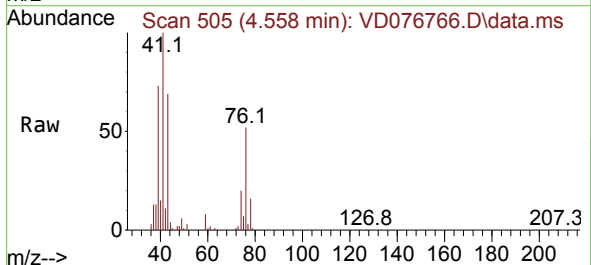
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

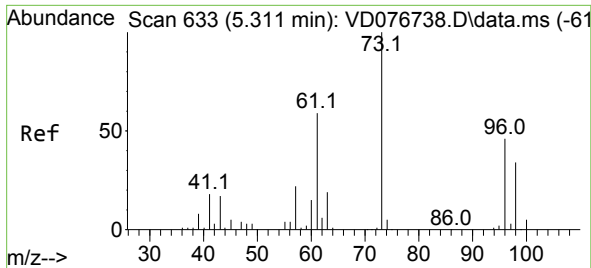
Tgt Ion: 76 Resp: 214753
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 43.217 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 43 Resp: 79950
Ion Ratio Lower Upper
43 100
74 30.6 26.4 39.6

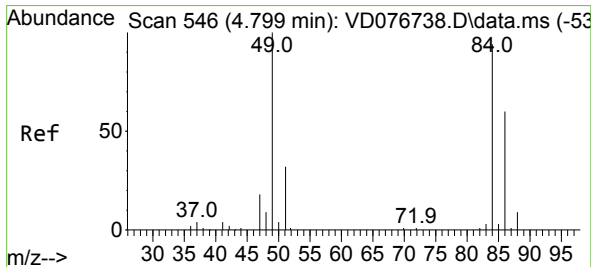
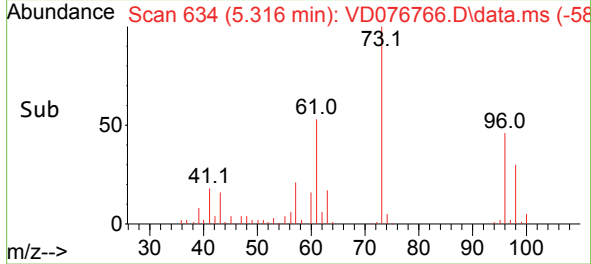
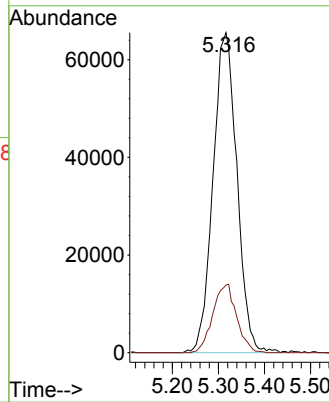
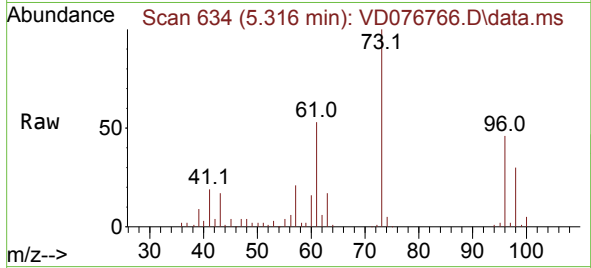




#19
Methyl tert-butyl Ether
Concen: 42.983 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

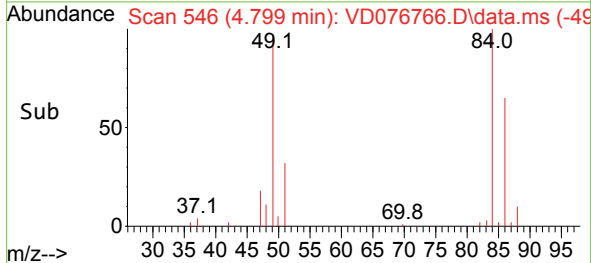
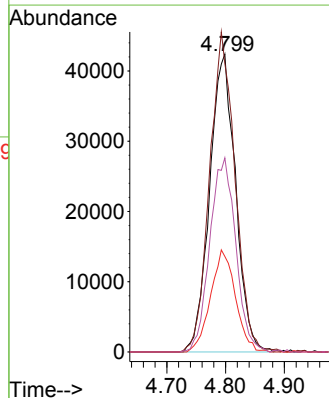
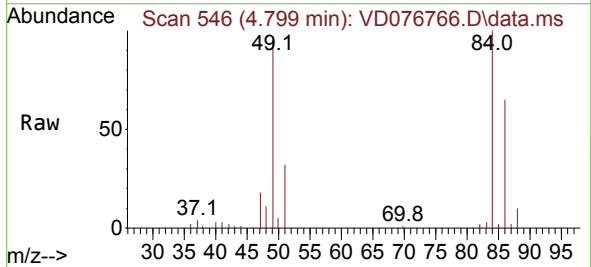
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

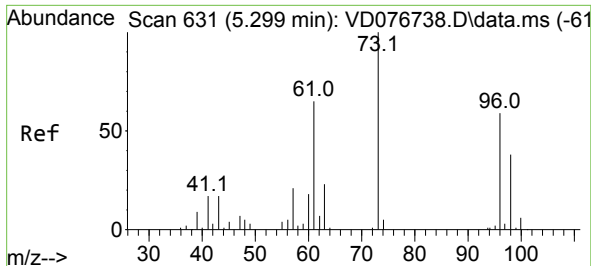
Tgt Ion: 73 Resp: 235770
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 42.838 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 84 Resp: 129924
Ion Ratio Lower Upper
84 100
49 96.9 71.4 107.2
51 32.1 24.5 36.7
86 65.1 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 44.425 ug/l

RT: 5.299 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

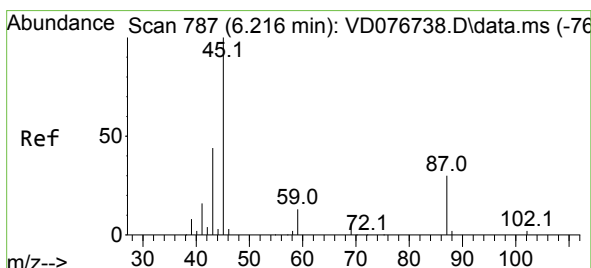
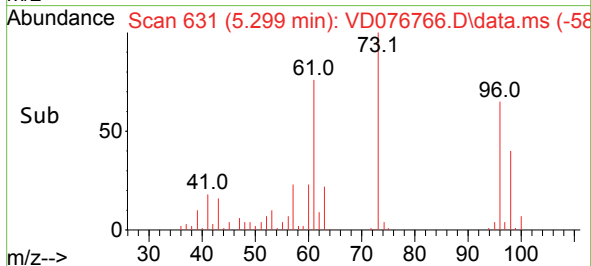
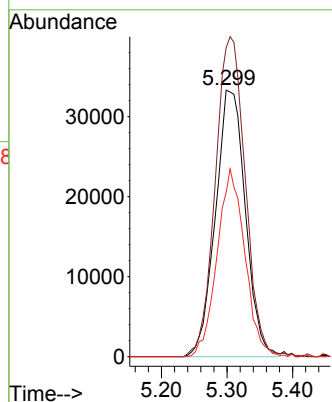
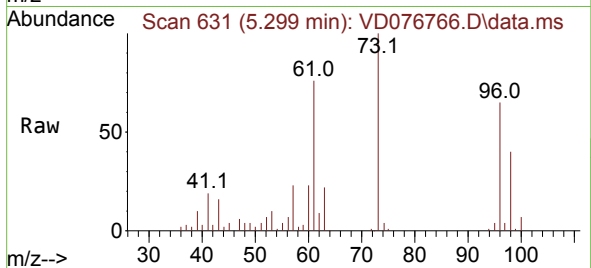
Tgt Ion: 96 Resp: 105624

Ion Ratio Lower Upper

96 100

61 115.8 89.3 133.9

98 61.5 48.6 73.0



#22

Diisopropyl ether

Concen: 43.375 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Tgt Ion: 45 Resp: 275982

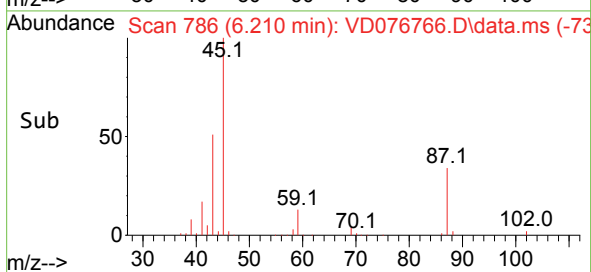
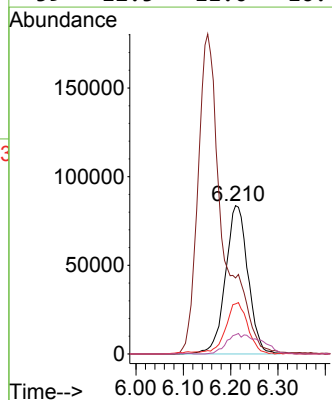
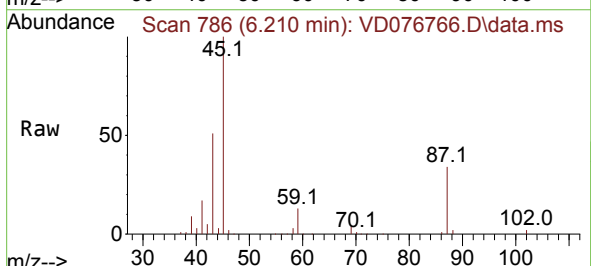
Ion Ratio Lower Upper

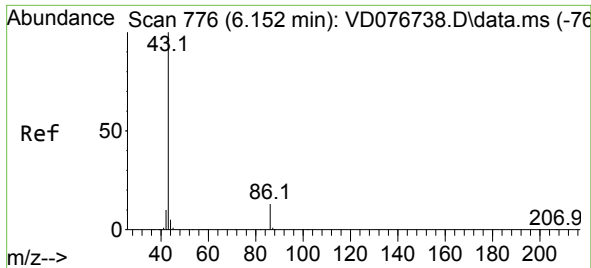
45 100

43 50.2 40.0 60.0

87 33.4 28.2 42.4

59 12.5 11.0 16.4

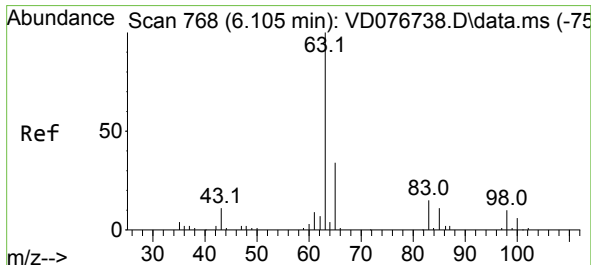
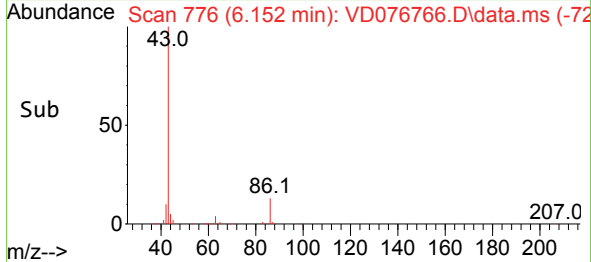
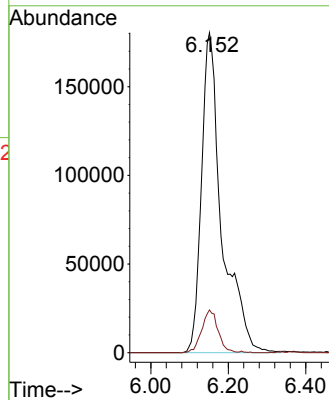
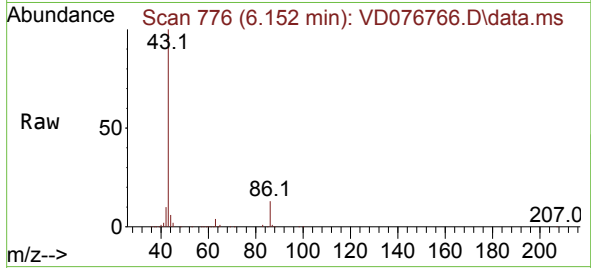




#23
 Vinyl Acetate
 Concen: 208.770 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

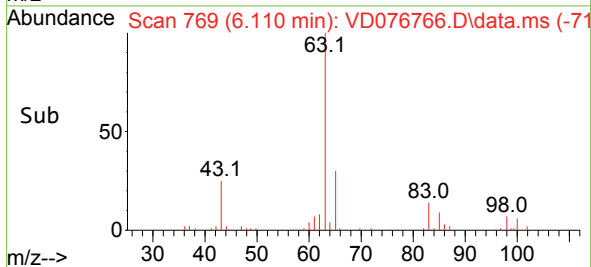
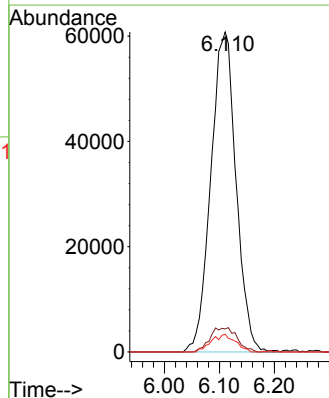
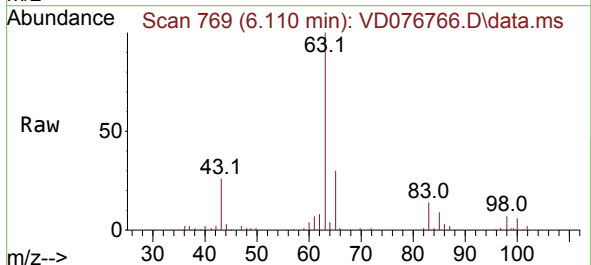
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

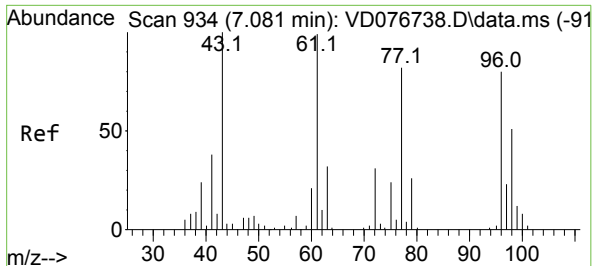
Tgt Ion: 43 Resp: 657248
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 45.166 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

Tgt Ion: 63 Resp: 193763
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 5.5 2.5 7.5





#25

2-Butanone

Concen: 232.220 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

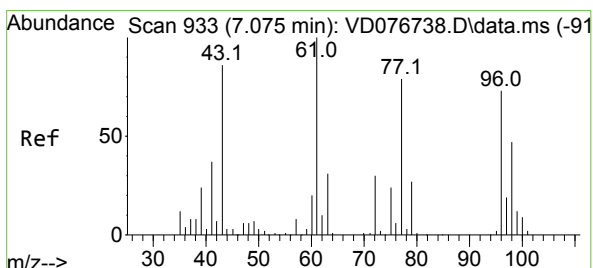
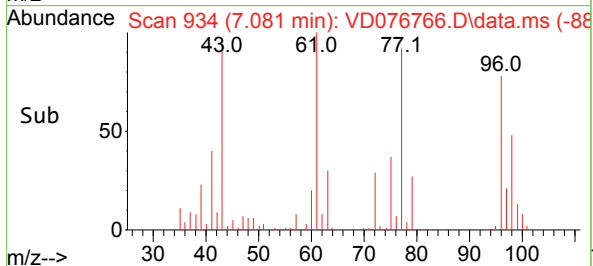
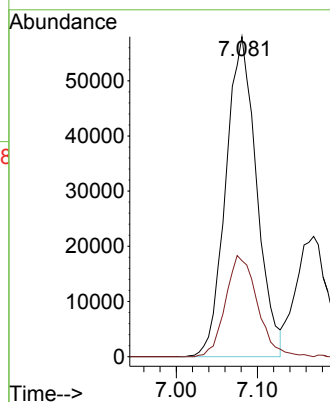
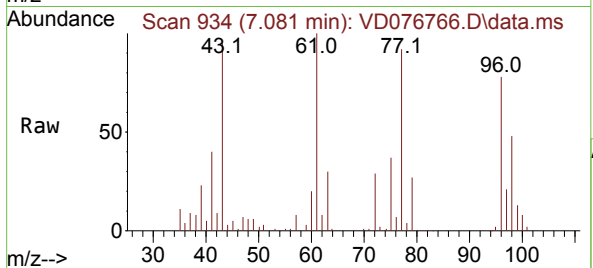
VSTDCCC050

Tgt Ion: 43 Resp: 153029

Ion Ratio Lower Upper

43 100

72 30.1 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 47.471 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076766.D

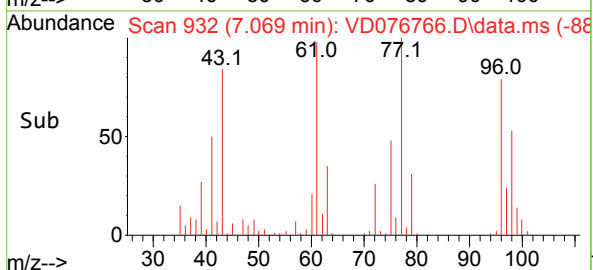
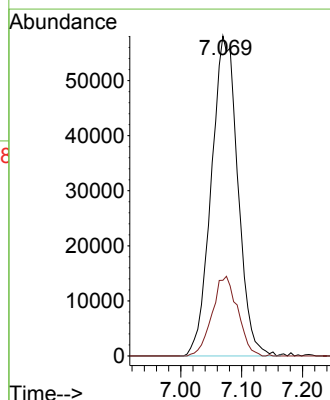
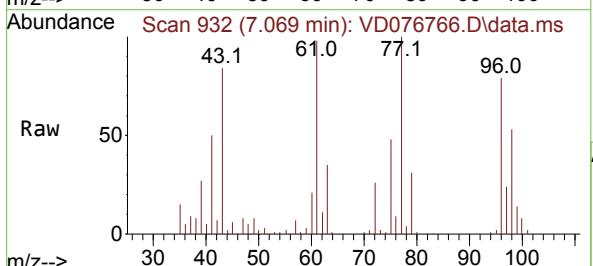
Acq: 18 Jul 2023 09:13

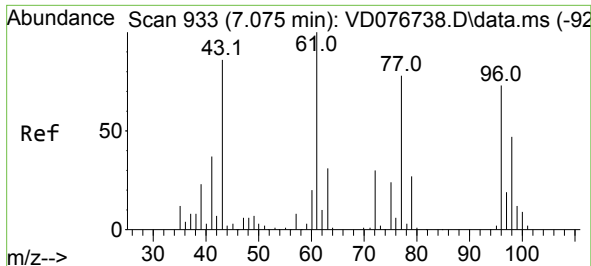
Tgt Ion: 77 Resp: 175551

Ion Ratio Lower Upper

77 100

97 24.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 45.416 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

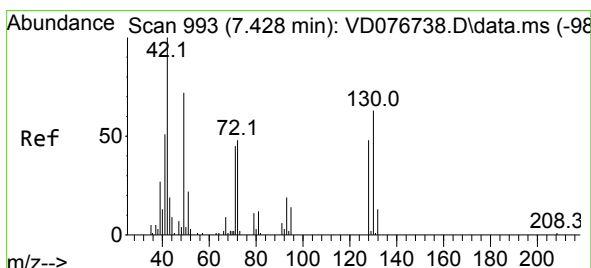
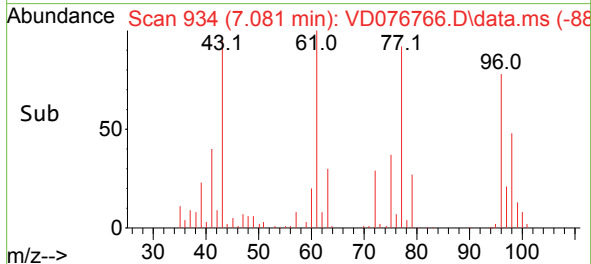
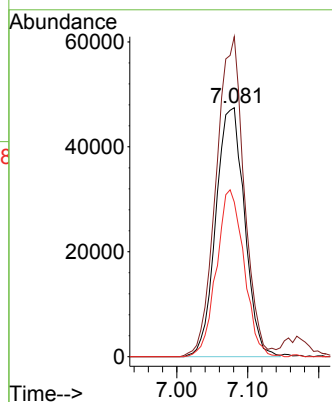
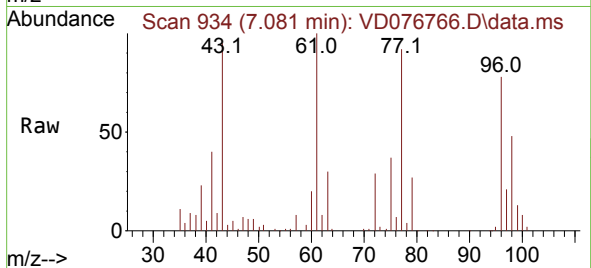
Tgt Ion: 96 Resp: 133115

Ion Ratio Lower Upper

96 100

61 125.7 0.0 239.2

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 41.419 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

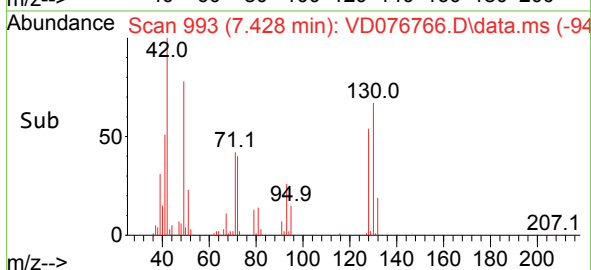
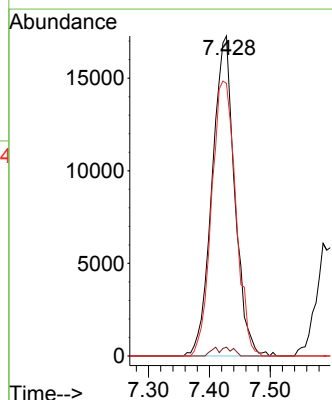
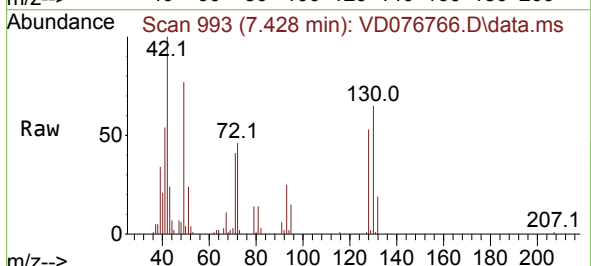
Tgt Ion: 49 Resp: 44424

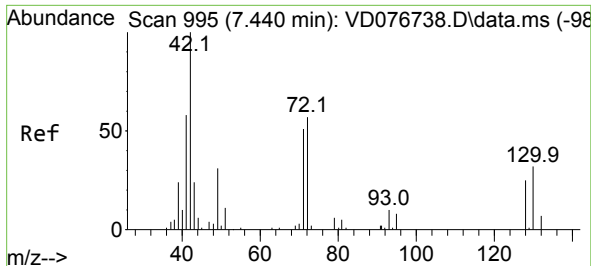
Ion Ratio Lower Upper

49 100

129 1.4 0.0 6.0

130 91.8 83.2 124.8

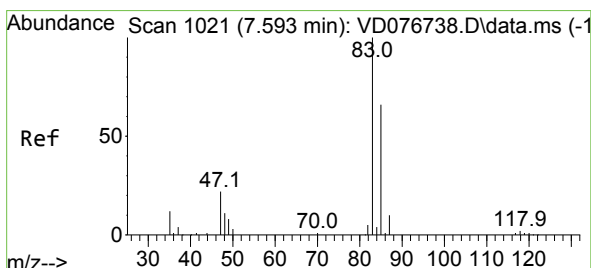
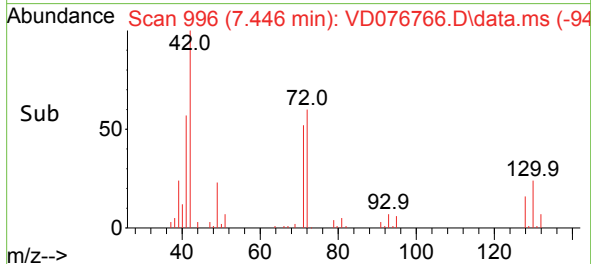
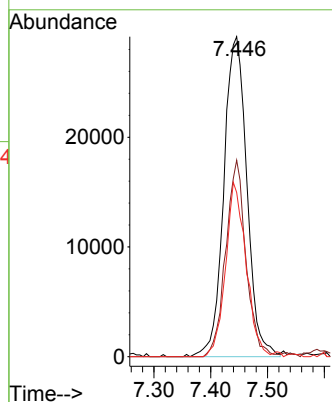
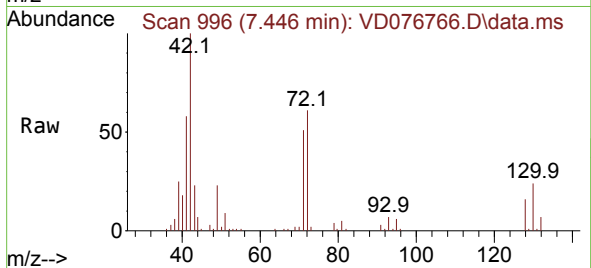




#29
Tetrahydrofuran
Concen: 211.642 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

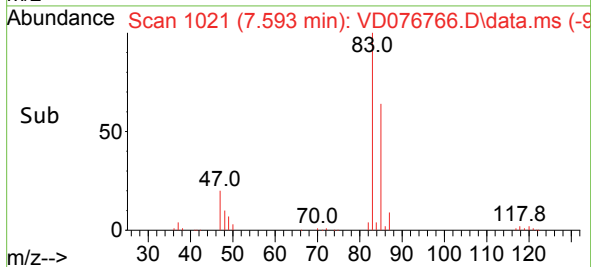
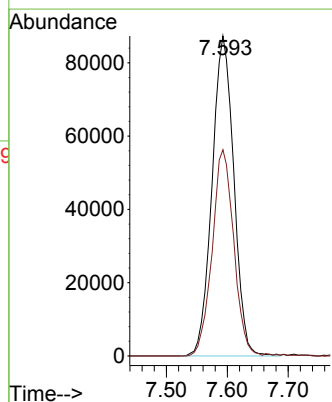
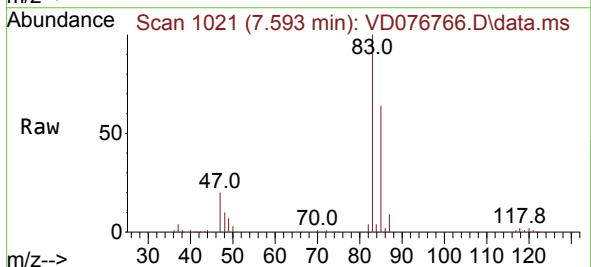
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

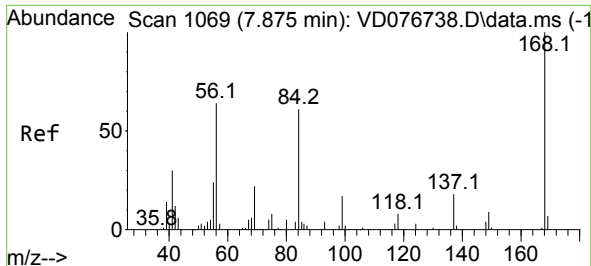
Tgt Ion: 42 Resp: 82403
Ion Ratio Lower Upper
42 100
72 53.9 46.5 69.7
71 48.2 44.5 66.7



#30
Chloroform
Concen: 46.107 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 83 Resp: 216645
Ion Ratio Lower Upper
83 100
85 64.4 53.4 80.2





#31

Cyclohexane

Concen: 46.726 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

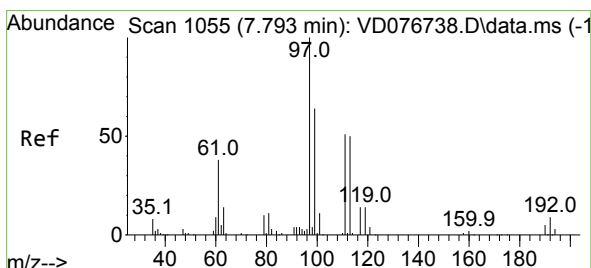
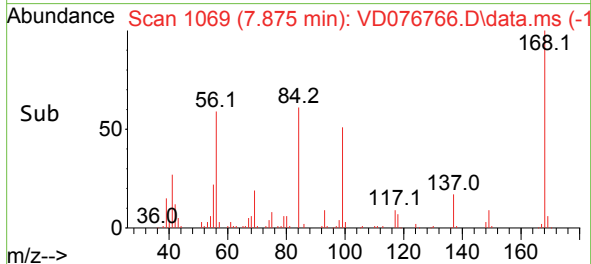
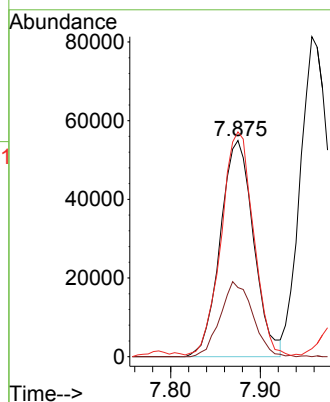
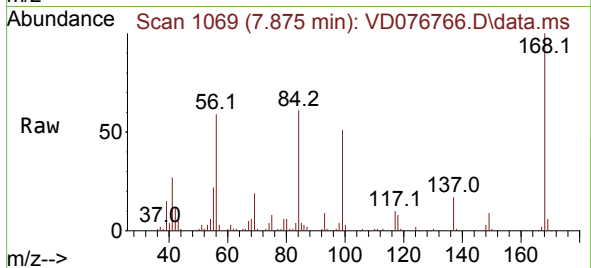
Tgt Ion: 56 Resp: 141776

Ion Ratio Lower Upper

56 100

69 32.0 28.6 43.0

84 102.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 49.149 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

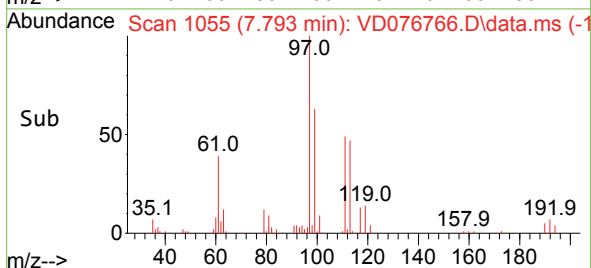
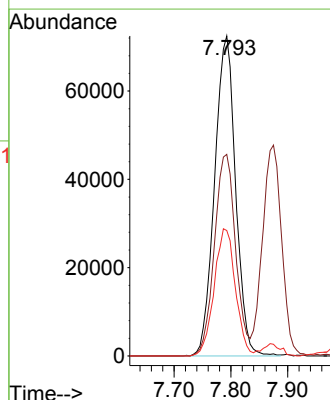
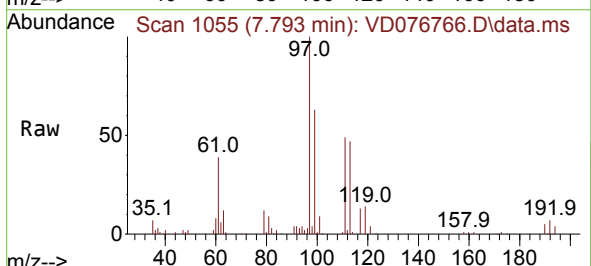
Tgt Ion: 97 Resp: 186326

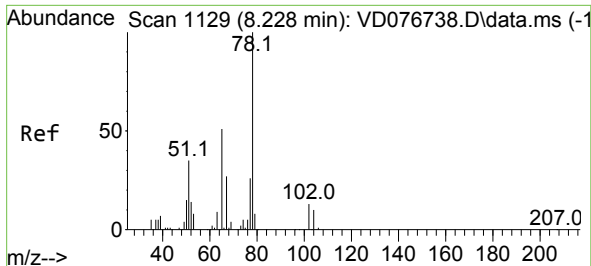
Ion Ratio Lower Upper

97 100

99 63.9 52.0 78.0

61 40.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 41.865 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

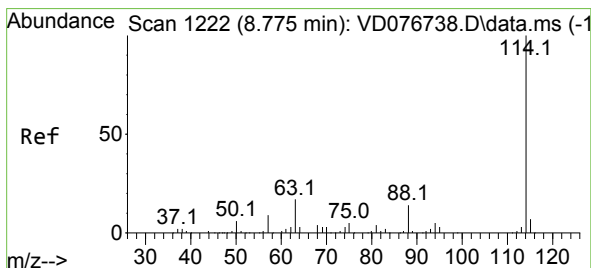
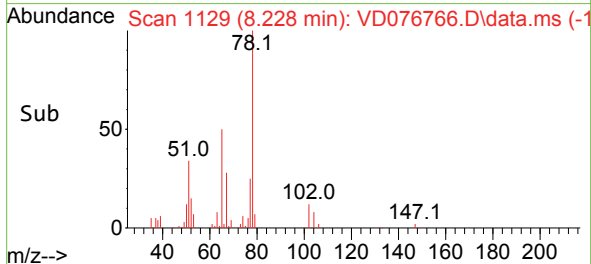
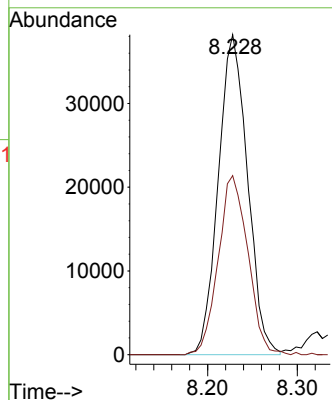
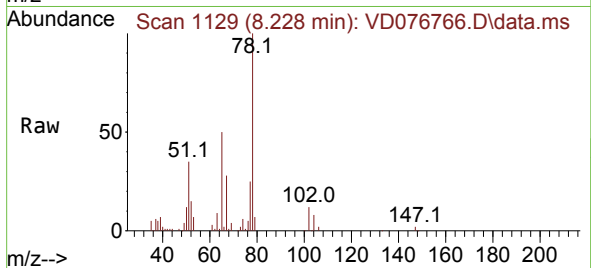
VSTDCCC050

Tgt Ion: 65 Resp: 86314

Ion Ratio Lower Upper

65 100

67 56.7 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: VD076766.D

Acq: 18 Jul 2023 09:13

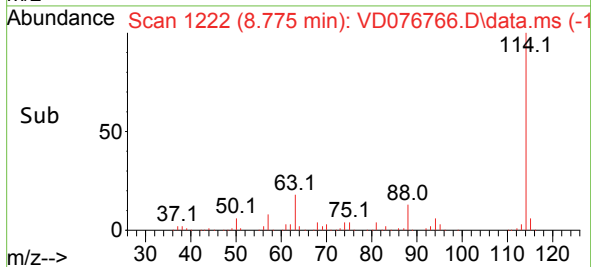
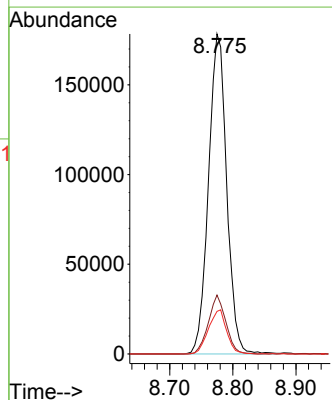
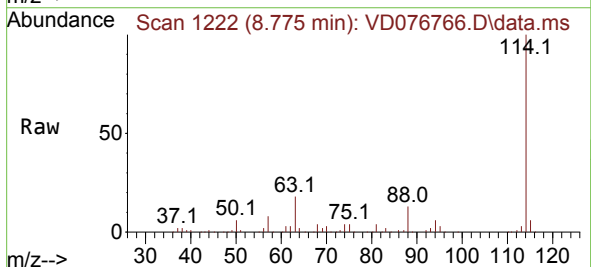
Tgt Ion: 114 Resp: 357390

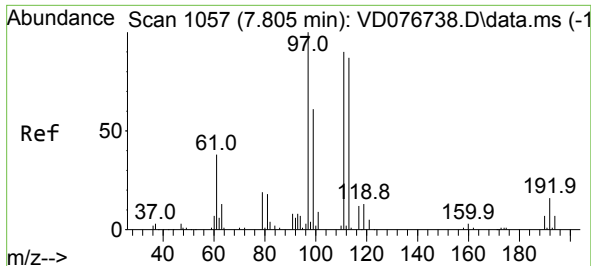
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 13.3 0.0 26.2

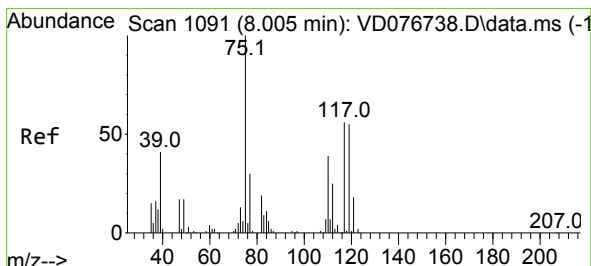
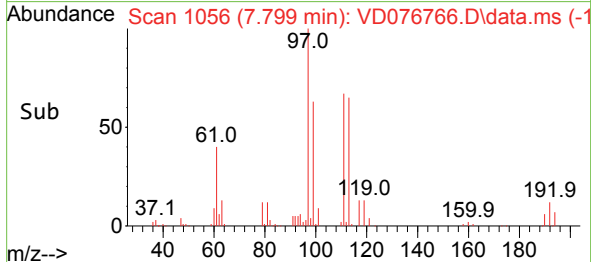
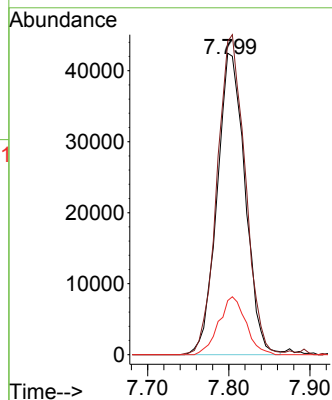
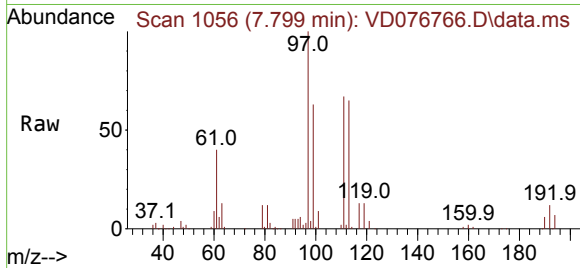




#35
Dibromofluoromethane
Concen: 45.293 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

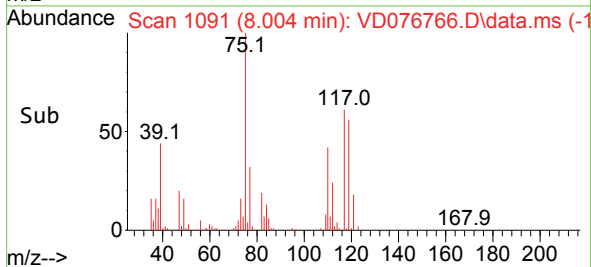
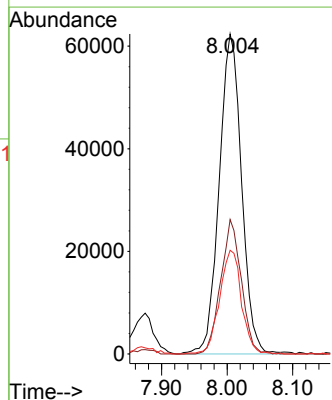
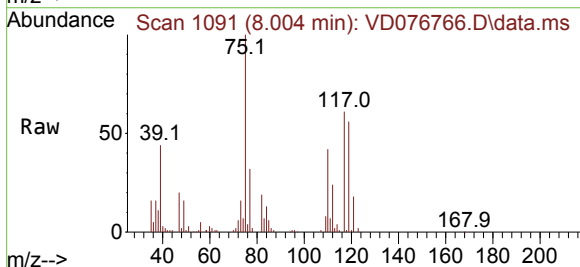
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

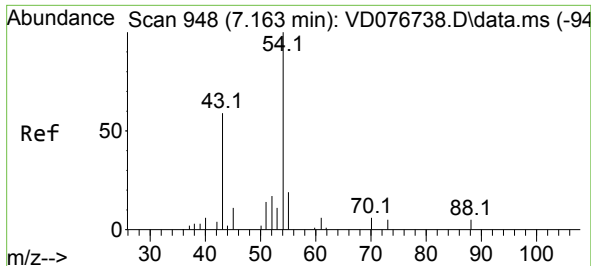
Tgt Ion:113 Resp: 101723
Ion Ratio Lower Upper
113 100
111 106.5 84.7 127.1
192 18.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.270 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 75 Resp: 147530
Ion Ratio Lower Upper
75 100
110 38.7 19.9 59.6
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 44.637 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

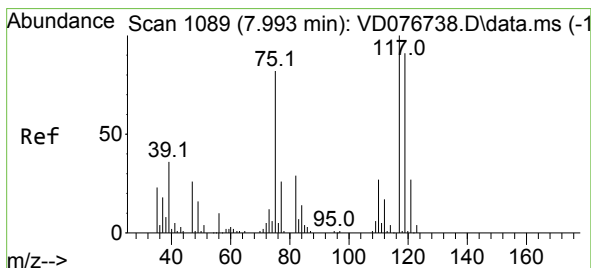
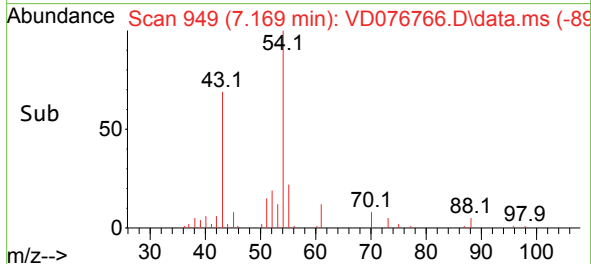
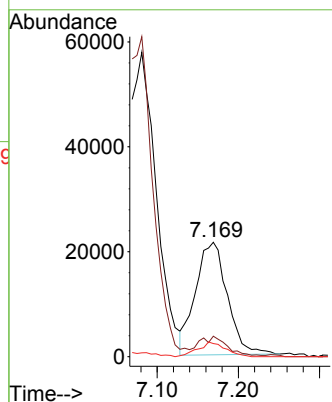
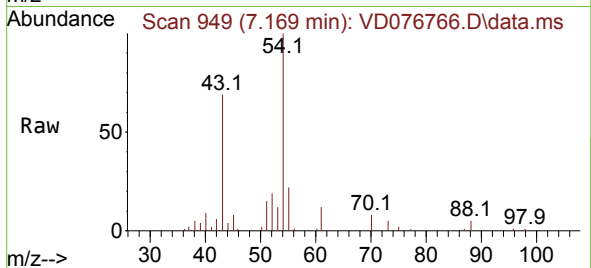
Tgt Ion: 43 Resp: 58584

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 11.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 52.838 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

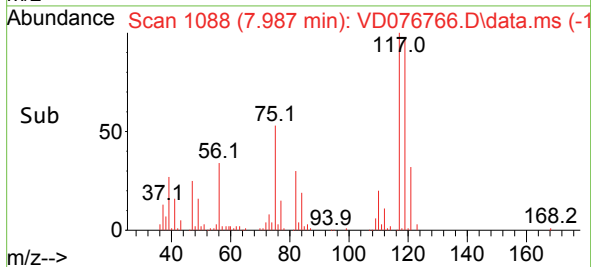
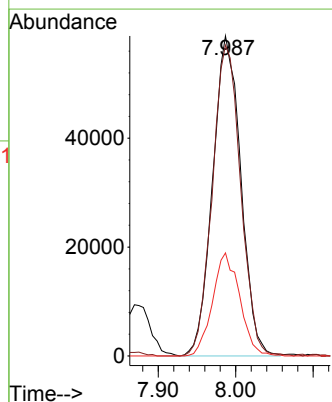
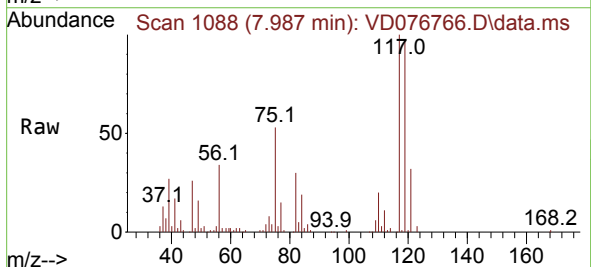
Tgt Ion: 117 Resp: 148479

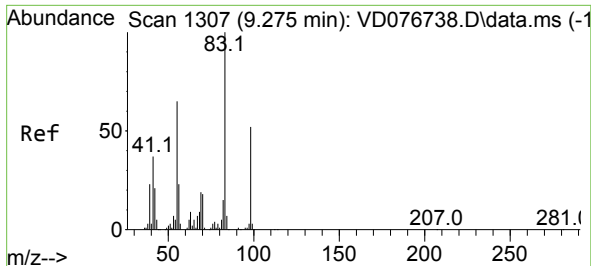
Ion Ratio Lower Upper

117 100

119 97.1 78.0 117.0

121 32.2 24.2 36.2





#39

Methylcyclohexane

Concen: 51.337 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

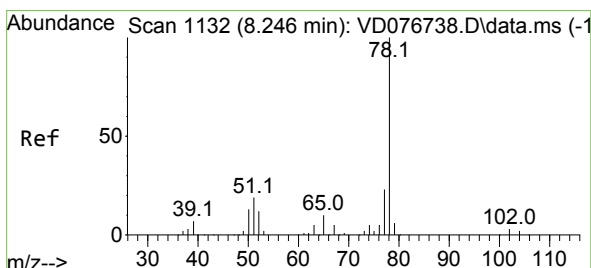
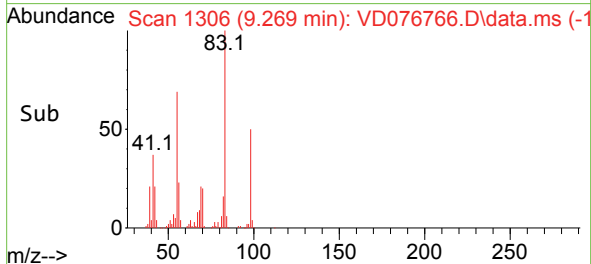
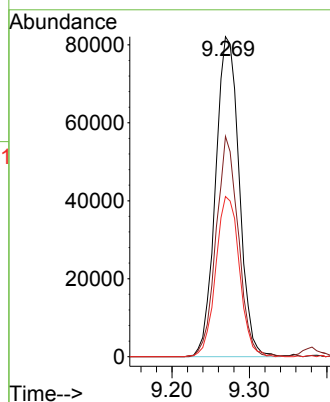
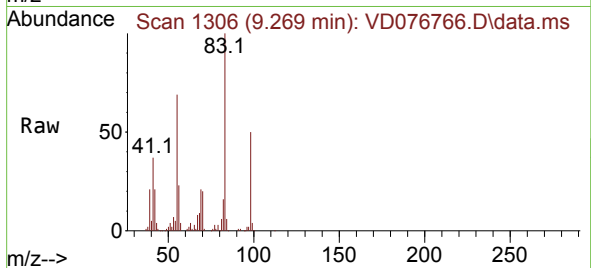
Tgt Ion: 83 Resp: 173962

Ion Ratio Lower Upper

83 100

55 68.9 49.4 74.0

98 50.1 38.4 57.6



#40

Benzene

Concen: 47.536 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.005 min

Lab File: VD076766.D

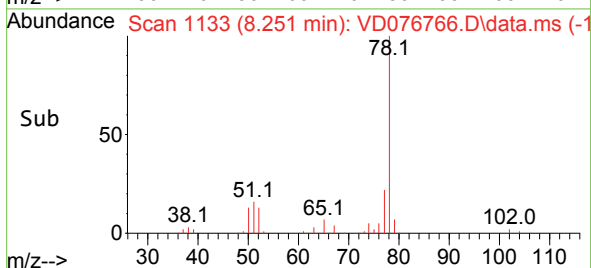
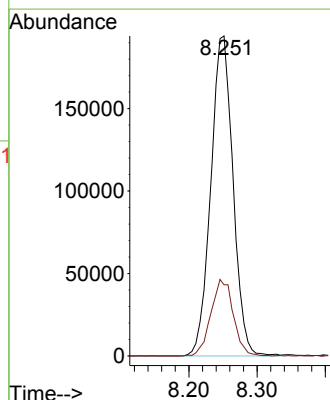
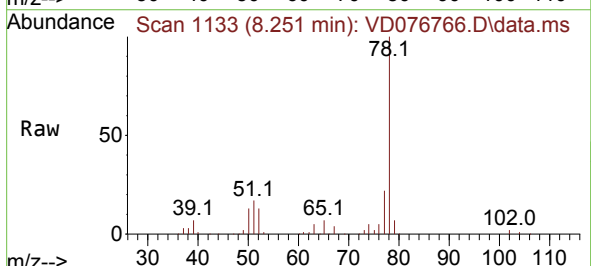
Acq: 18 Jul 2023 09:13

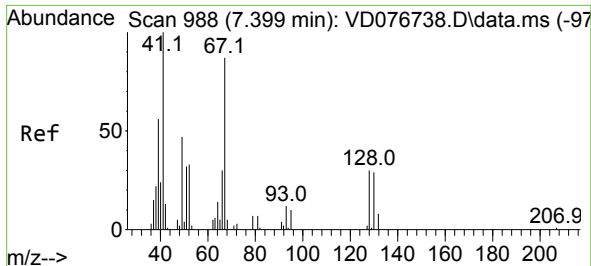
Tgt Ion: 78 Resp: 440177

Ion Ratio Lower Upper

78 100

77 22.3 19.4 29.0

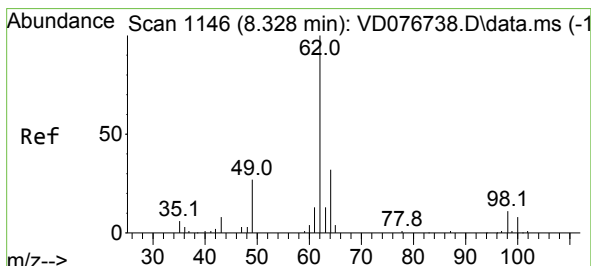
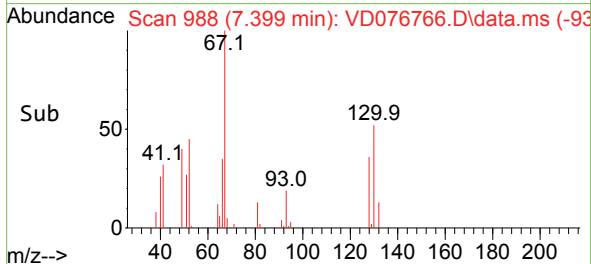
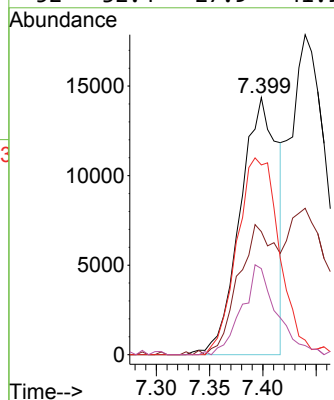
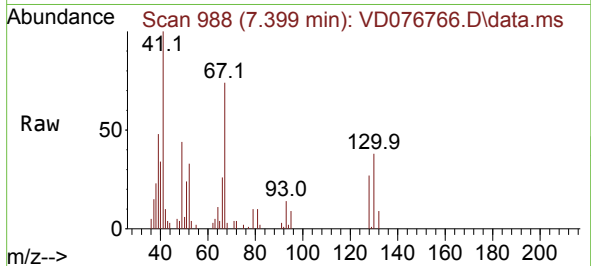




#41
Methacrylonitrile
Concen: 43.809 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

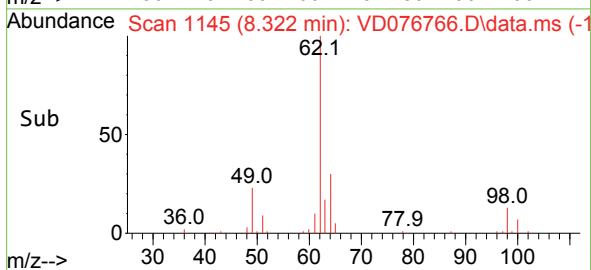
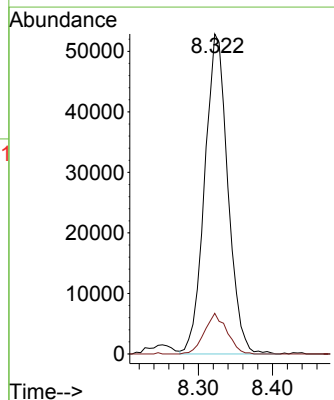
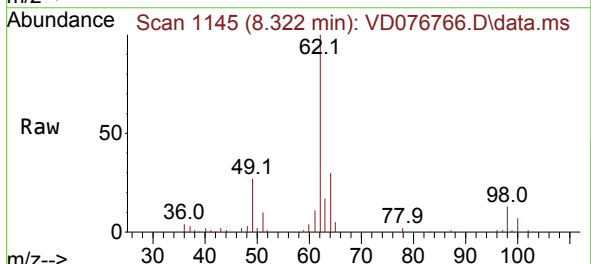
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

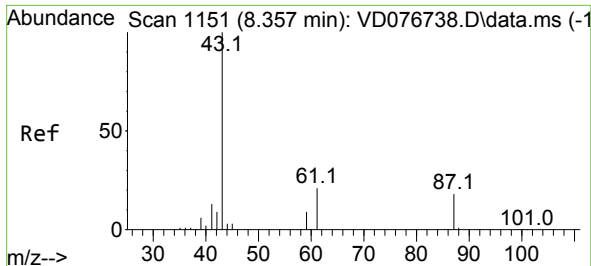
Tgt Ion: 41 Resp: 35111
Ion Ratio Lower Upper
41 100
39 51.8 34.0 51.0#
67 87.2 77.0 115.4
52 32.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 47.761 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 62 Resp: 114911
Ion Ratio Lower Upper
62 100
98 12.3 0.0 25.4





#43

Isopropyl Acetate

Concen: 44.830 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

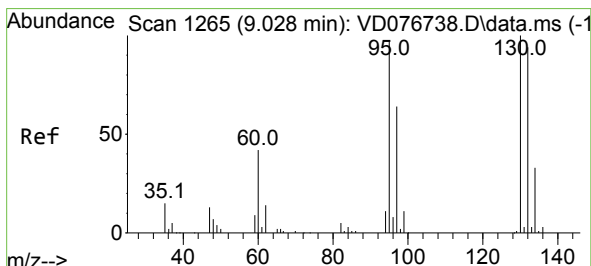
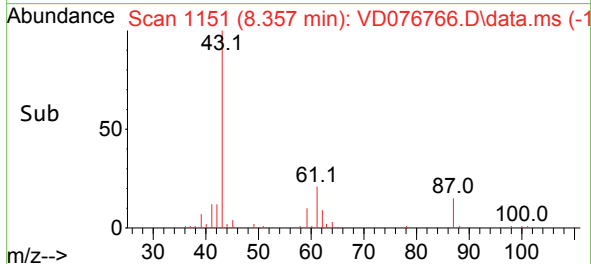
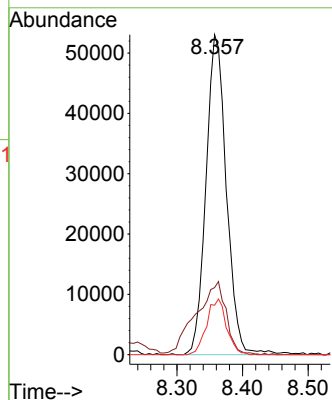
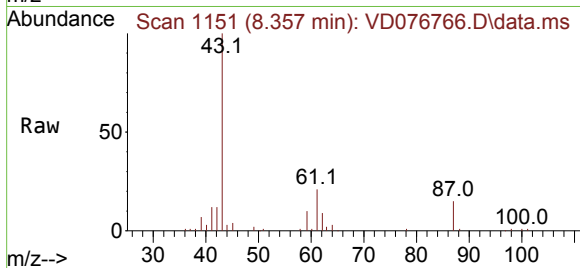
Tgt Ion: 43 Resp: 114825

Ion Ratio Lower Upper

43 100

61 33.5 31.4 47.0

87 16.9 14.9 22.3



#44

Trichloroethene

Concen: 47.895 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD076766.D

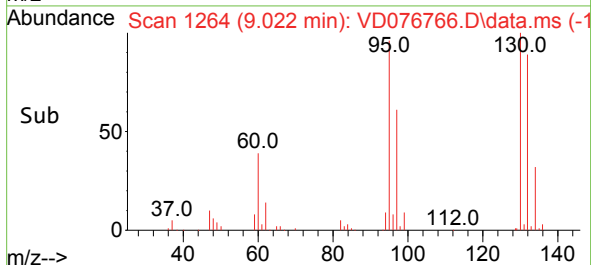
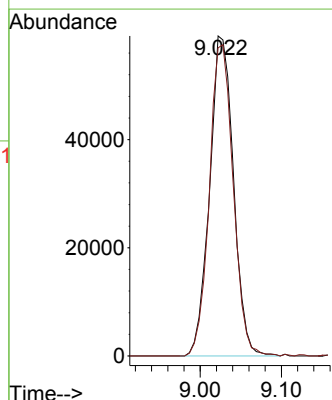
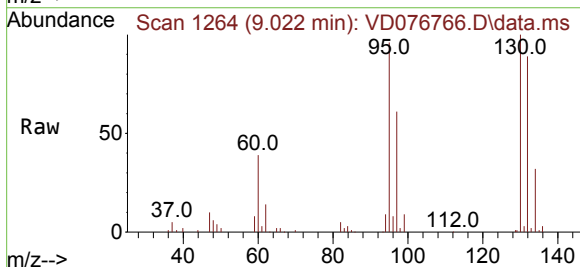
Acq: 18 Jul 2023 09:13

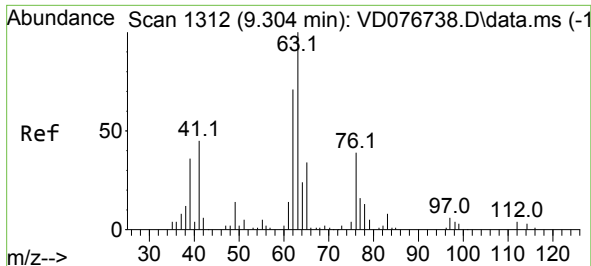
Tgt Ion:130 Resp: 120854

Ion Ratio Lower Upper

130 100

95 96.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.538 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

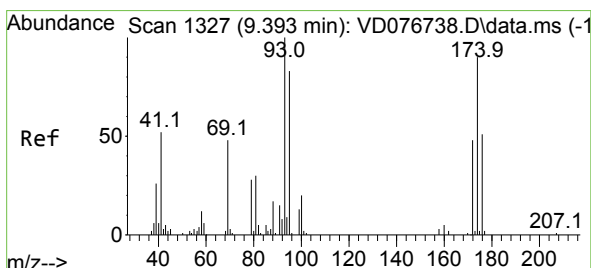
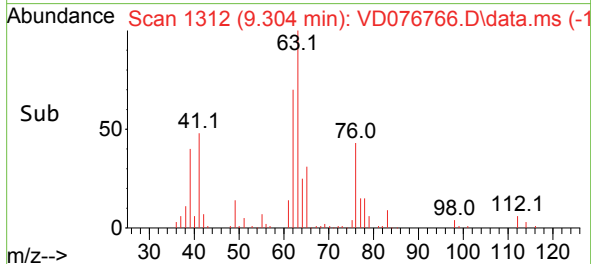
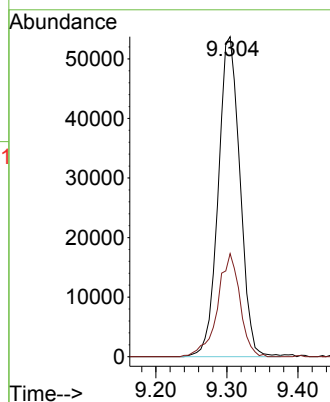
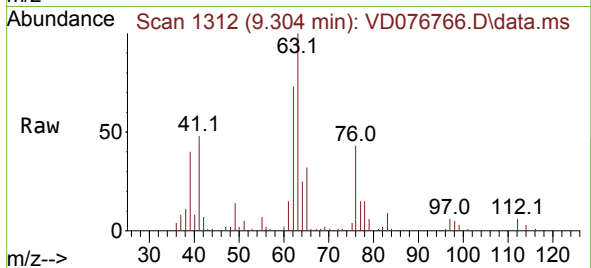
VSTDCCC050

Tgt Ion: 63 Resp: 113629

Ion Ratio Lower Upper

63 100

65 32.2 24.5 36.7



#46

Dibromomethane

Concen: 46.596 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

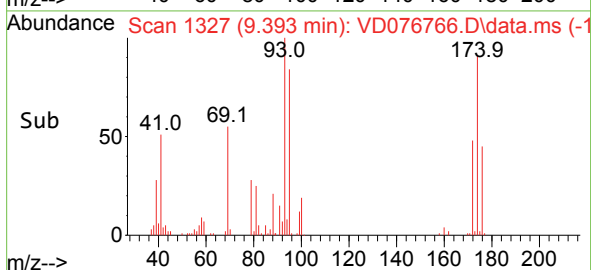
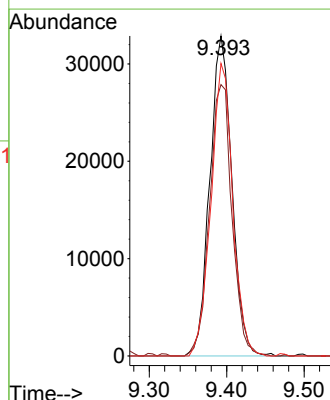
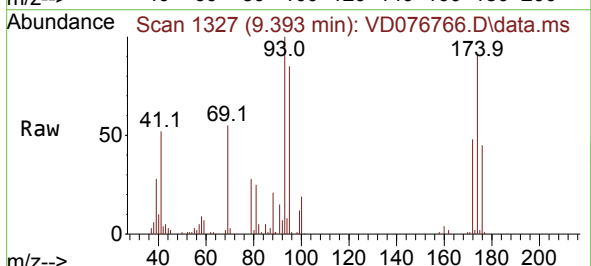
Tgt Ion: 93 Resp: 65194

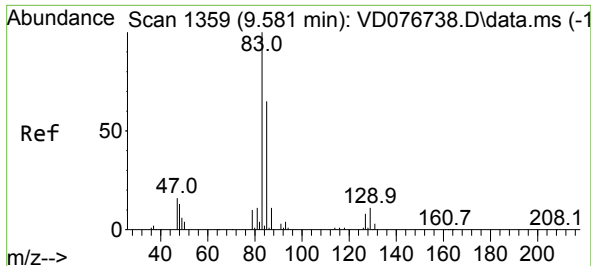
Ion Ratio Lower Upper

93 100

95 86.3 67.7 101.5

174 90.1 85.4 128.2

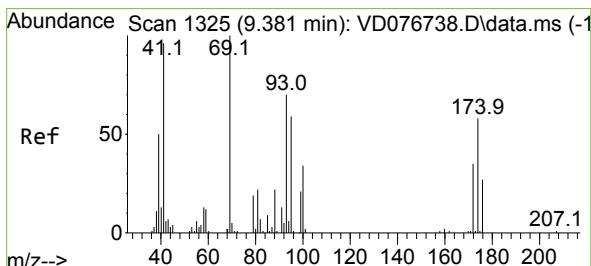
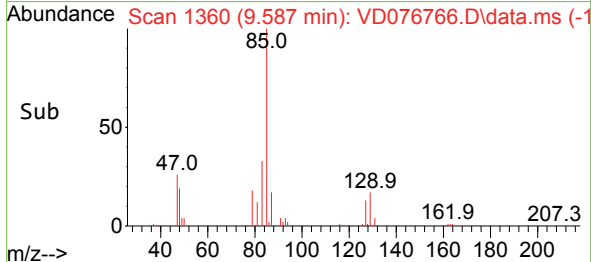
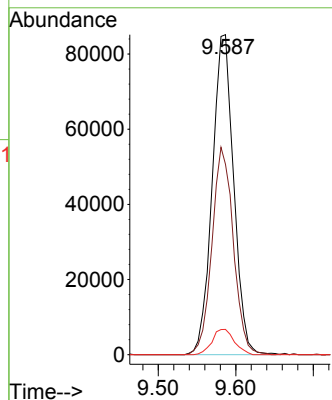
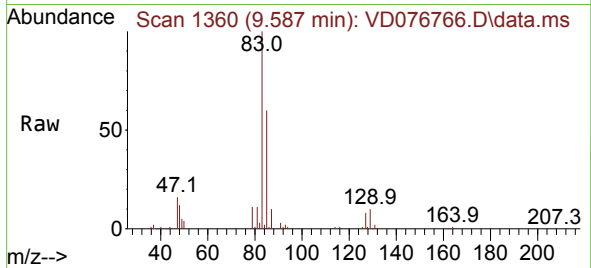




#47
Bromodichloromethane
Concen: 46.585 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

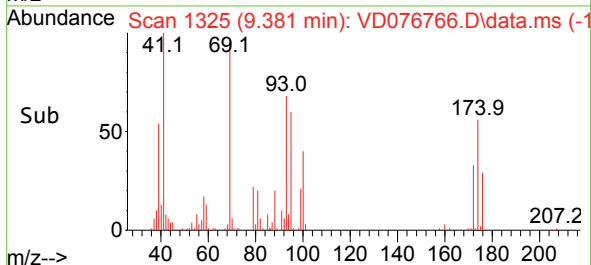
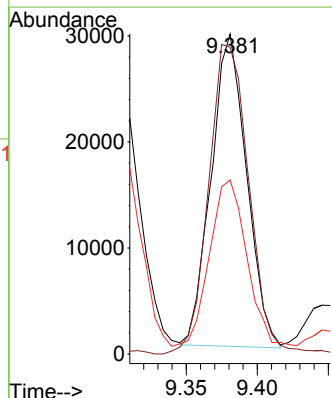
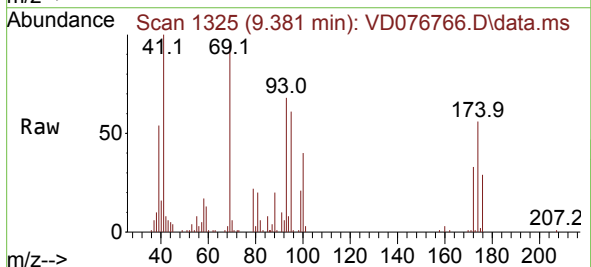
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

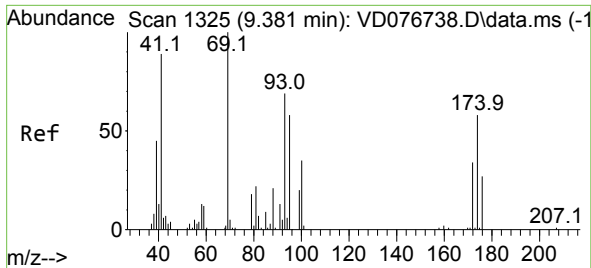
Tgt Ion: 83 Resp: 163562
Ion Ratio Lower Upper
83 100
85 59.5 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 43.845 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 41 Resp: 51113
Ion Ratio Lower Upper
41 100
69 112.7 102.2 153.2
39 57.4 41.4 62.2





#49

1,4-Dioxane

Concen: 906.515 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

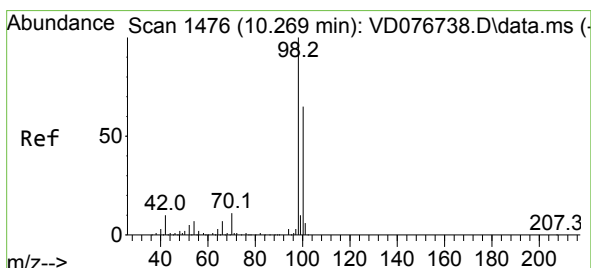
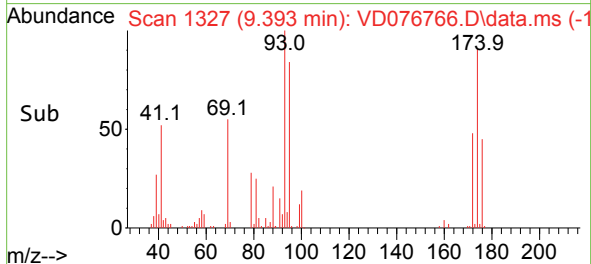
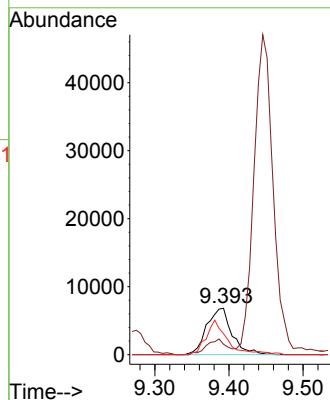
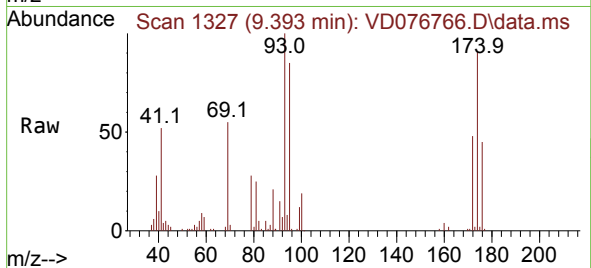
Tgt Ion: 88 Resp: 16250

Ion Ratio Lower Upper

88 100

43 26.2 19.0 28.6

58 62.6 43.5 65.3



#50

Toluene-d8

Concen: 45.157 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076766.D

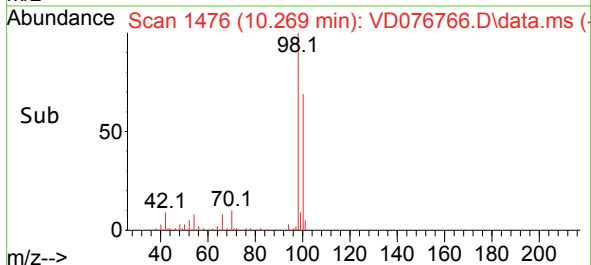
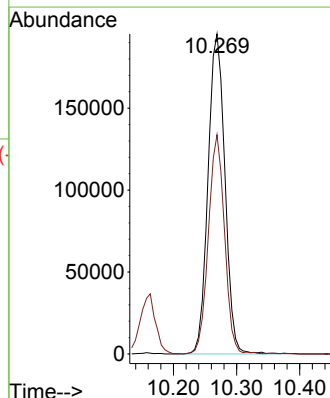
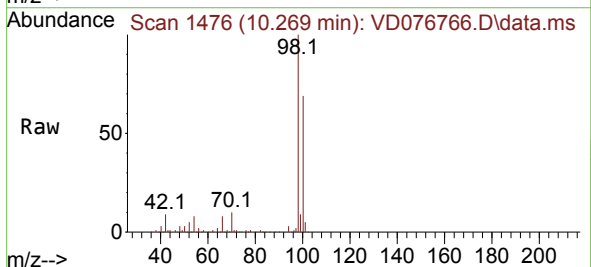
Acq: 18 Jul 2023 09:13

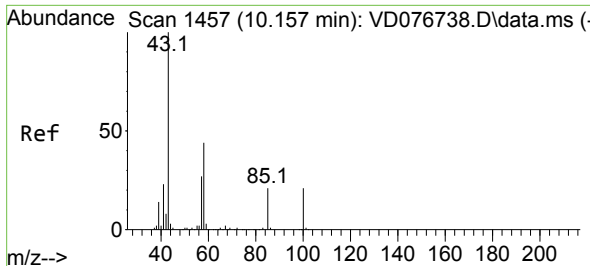
Tgt Ion: 98 Resp: 362809

Ion Ratio Lower Upper

98 100

100 65.5 50.3 75.5

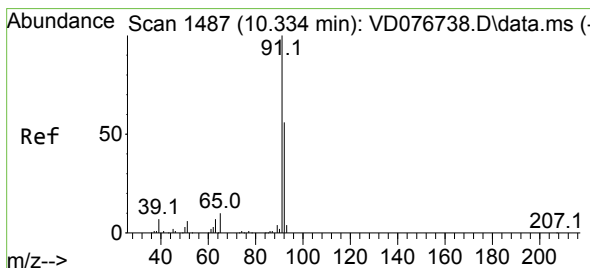
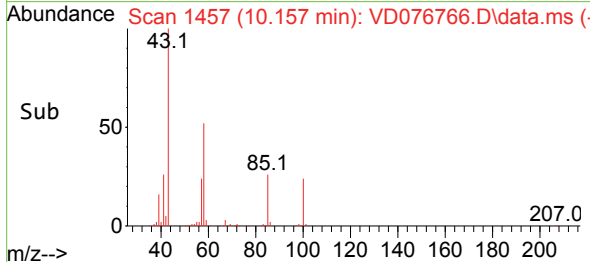
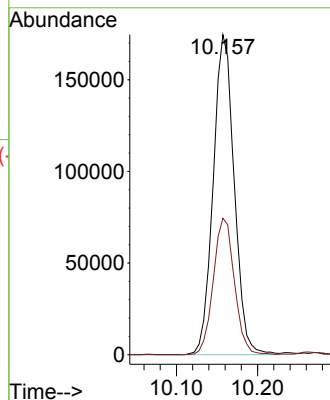
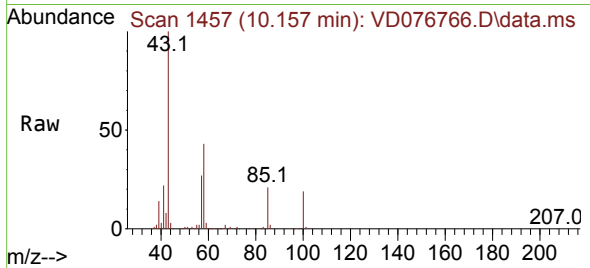




#51
4-Methyl-2-Pentanone
Concen: 230.646 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

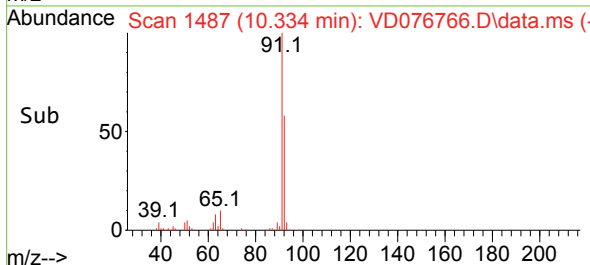
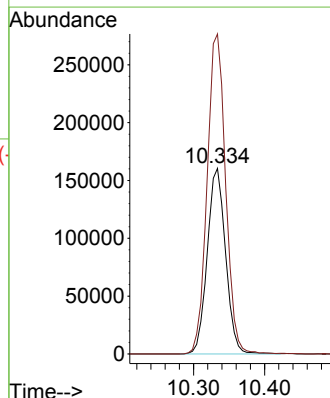
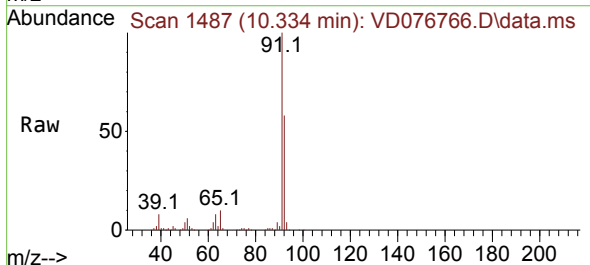
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

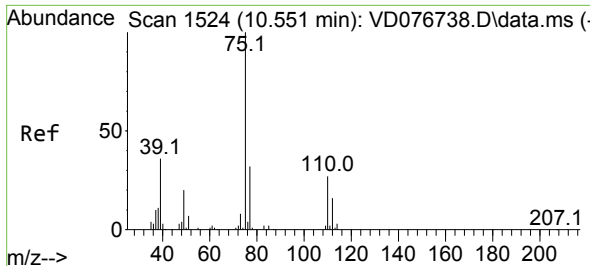
Tgt Ion: 43 Resp: 314543
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 47.341 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 92 Resp: 287911
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4

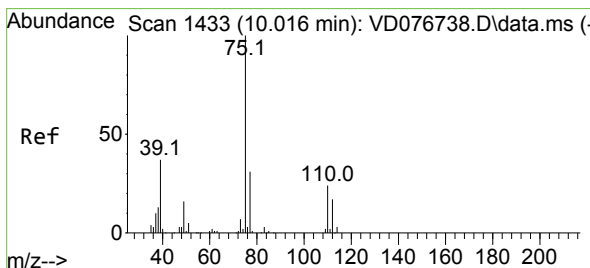
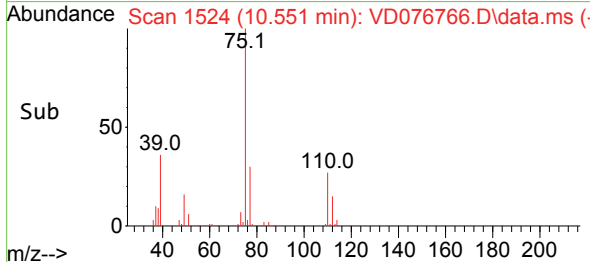
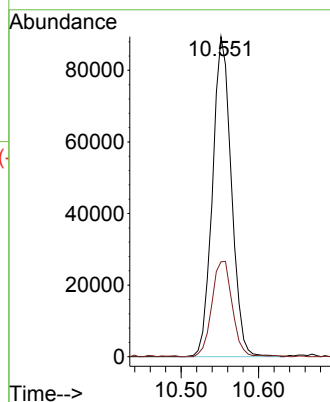
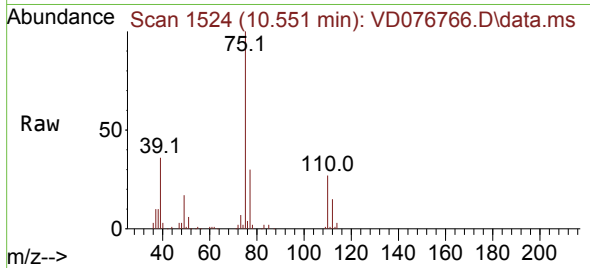




#53
 t-1,3-Dichloropropene
 Concen: 46.571 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

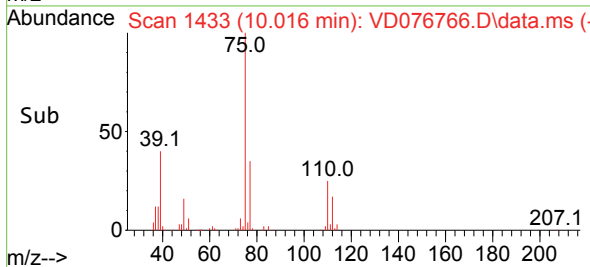
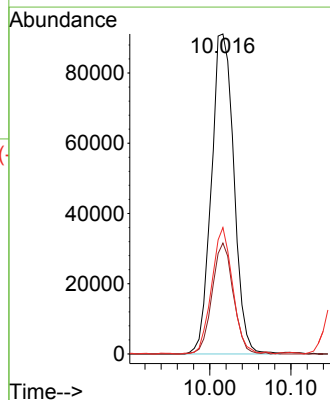
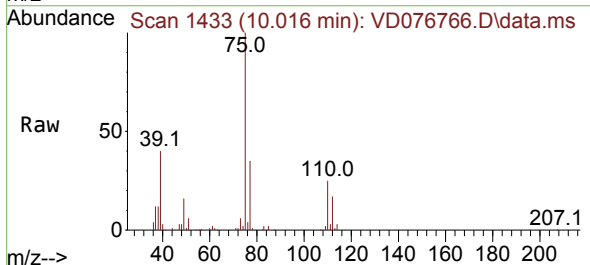
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

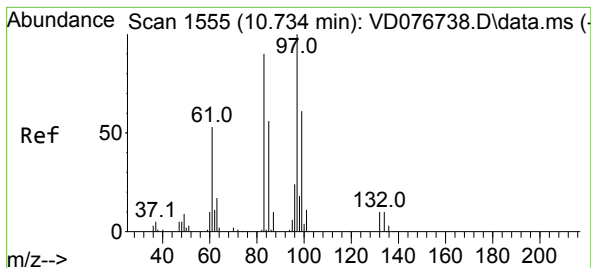
Tgt Ion: 75 Resp: 151771
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 45.736 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

Tgt Ion: 75 Resp: 175663
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.5 38.3
 39 39.5 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 46.230 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 94451

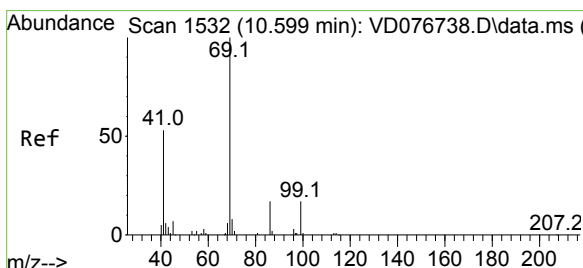
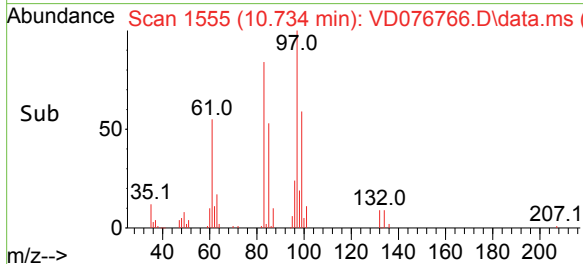
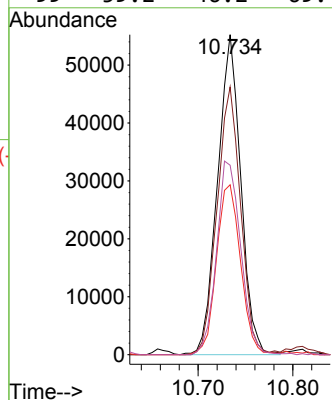
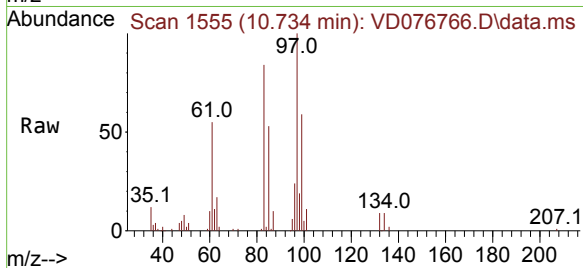
Ion Ratio Lower Upper

97 100

83 83.7 65.8 98.6

85 53.1 45.7 68.5

99 59.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 45.248 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.001 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

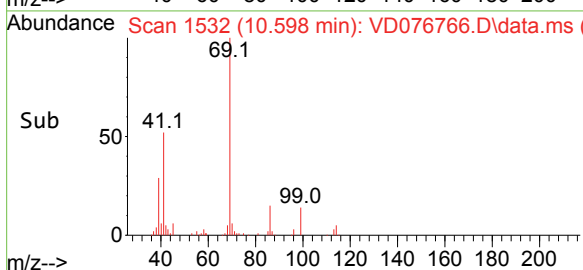
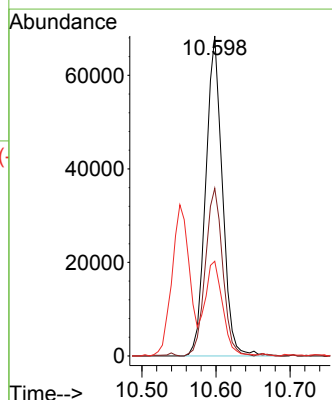
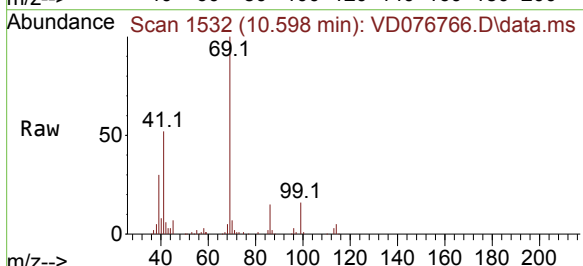
Tgt Ion: 69 Resp: 106701

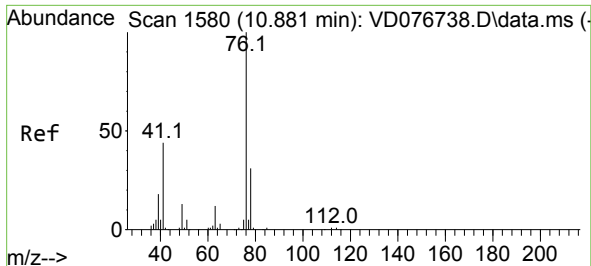
Ion Ratio Lower Upper

69 100

41 54.7 39.1 58.7

39 30.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 45.616 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

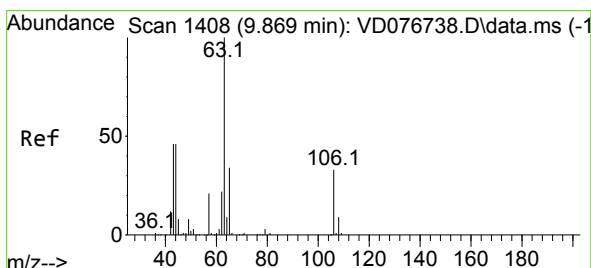
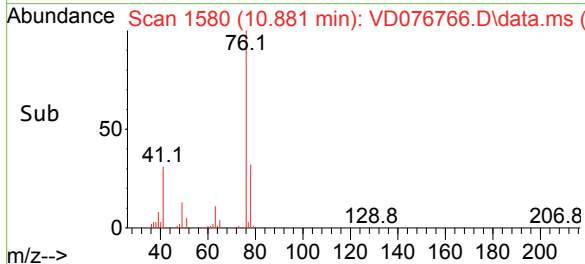
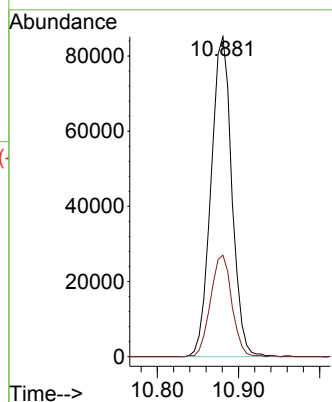
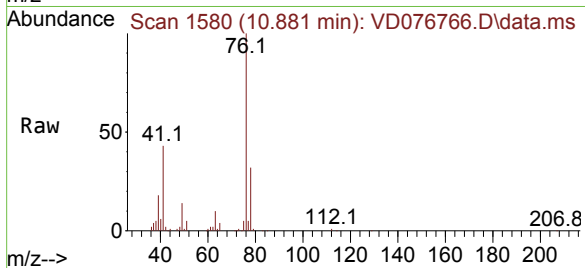
VSTDCCC050

Tgt Ion: 76 Resp: 151776

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 201.558 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076766.D

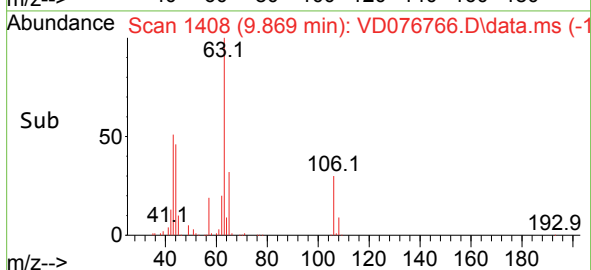
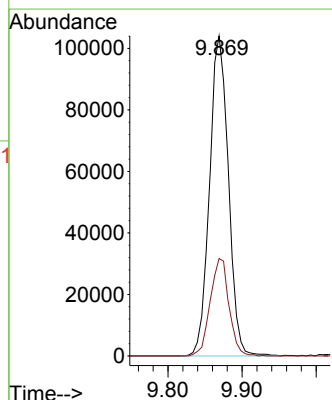
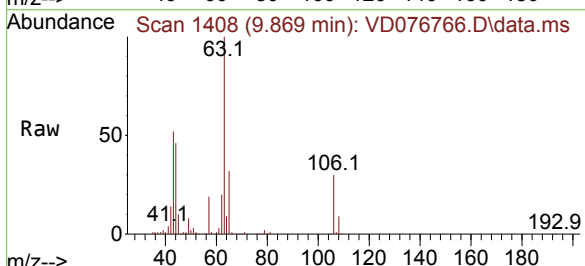
Acq: 18 Jul 2023 09:13

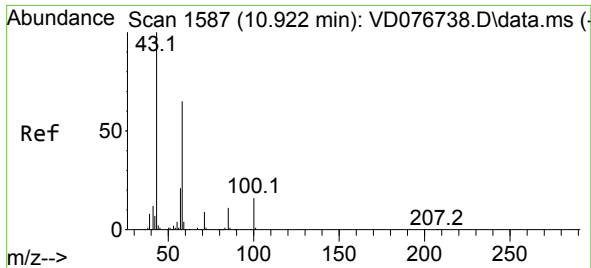
Tgt Ion: 63 Resp: 183978

Ion Ratio Lower Upper

63 100

106 30.3 25.3 37.9

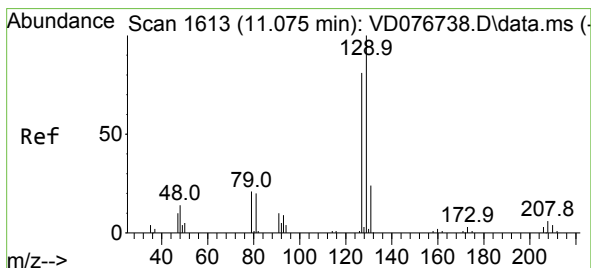
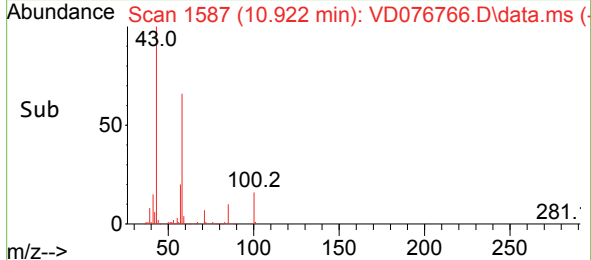
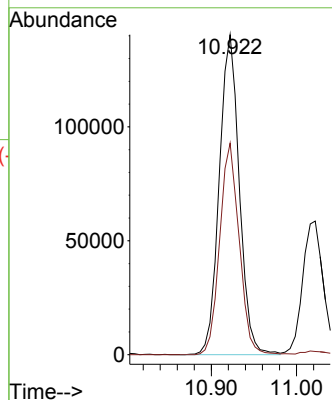
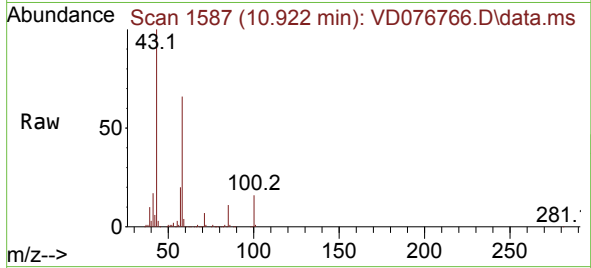




#59
2-Hexanone
Concen: 235.998 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

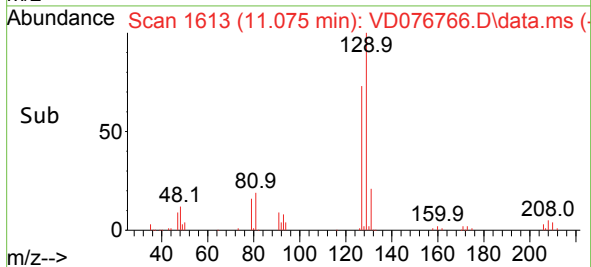
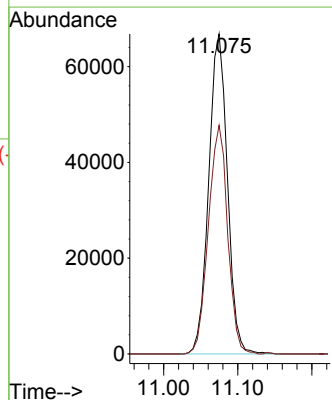
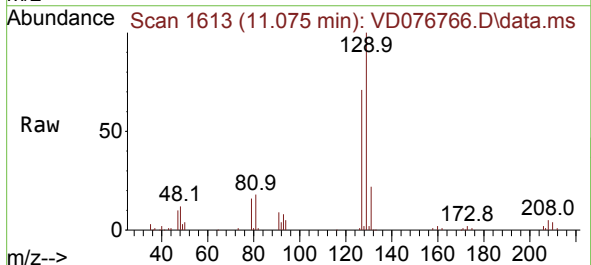
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

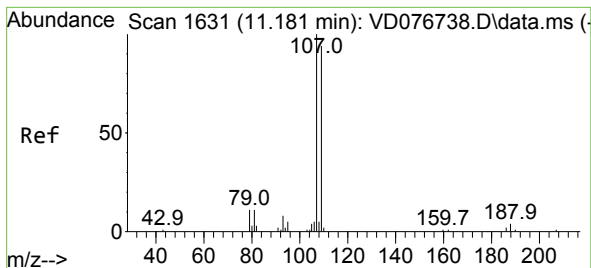
Tgt Ion: 43 Resp: 229648
Ion Ratio Lower Upper
43 100
58 64.3 34.1 102.2



#60
Dibromochloromethane
Concen: 49.320 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 129 Resp: 117059
Ion Ratio Lower Upper
129 100
127 73.6 37.1 111.5

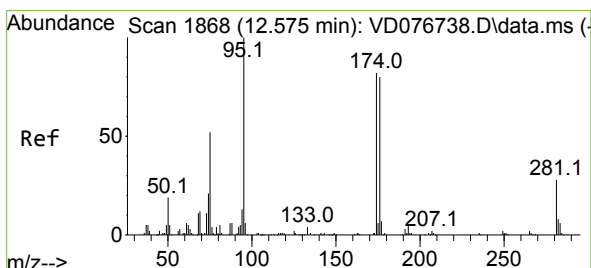
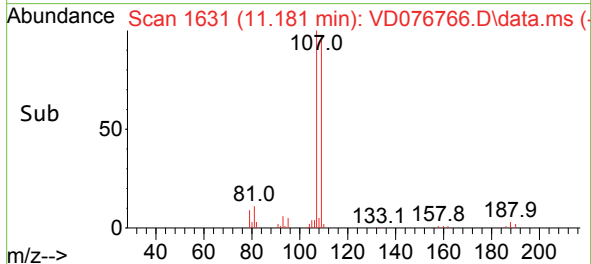
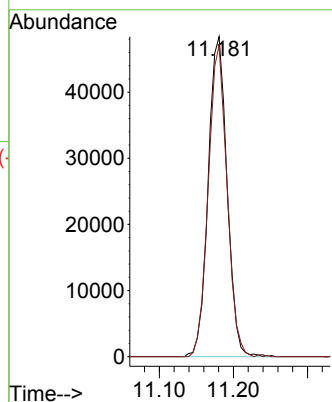
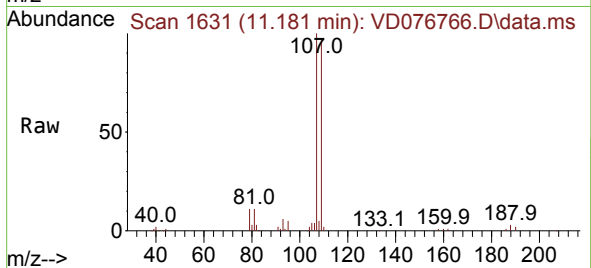




#61
1,2-Dibromoethane
Concen: 45.131 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

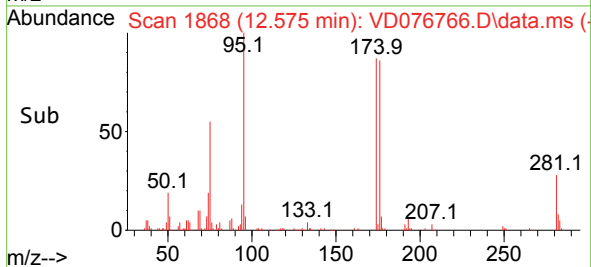
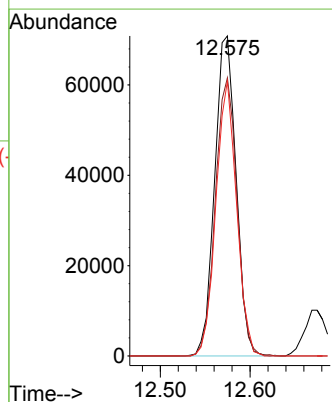
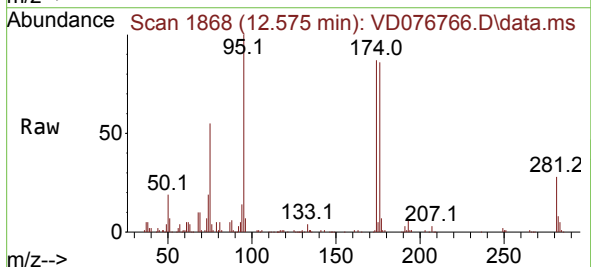
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

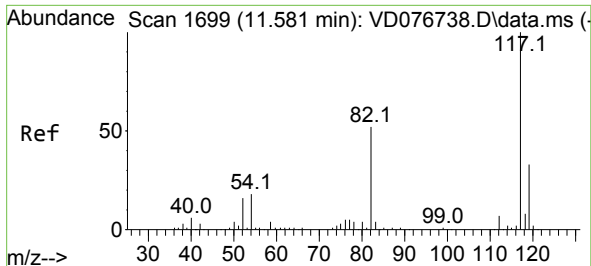
Tgt Ion:107 Resp: 85487
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.270 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 95 Resp: 117661
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 82.6 0.0 191.8

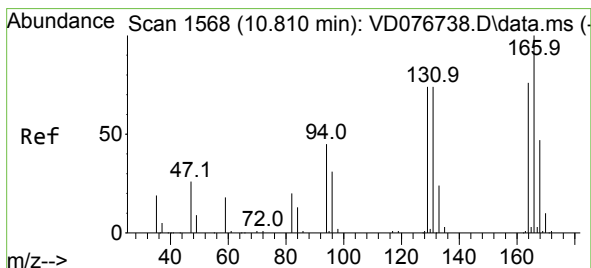
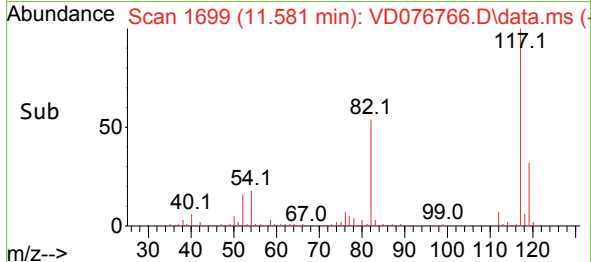
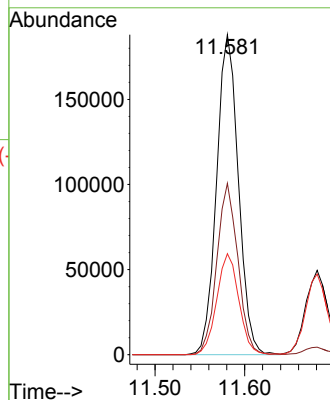
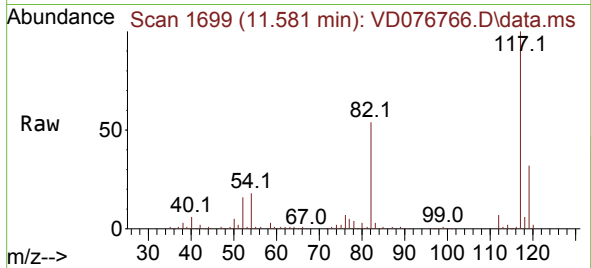




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

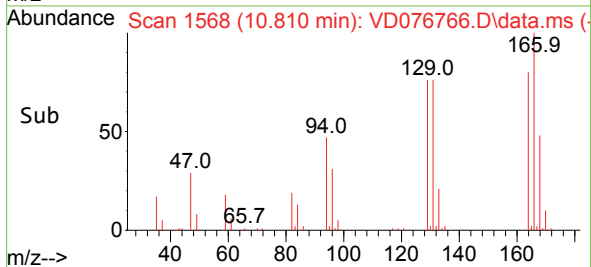
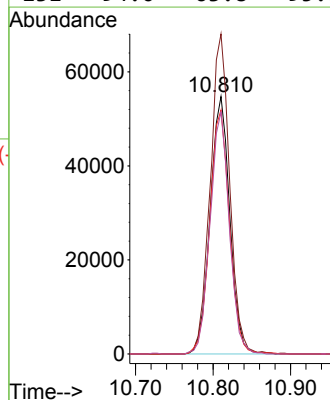
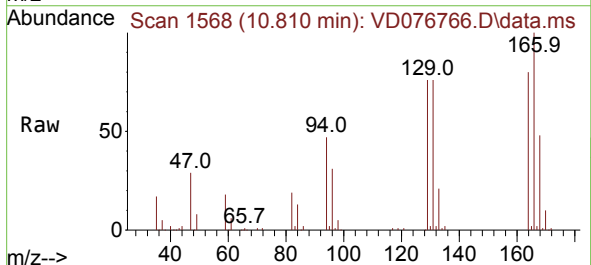
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

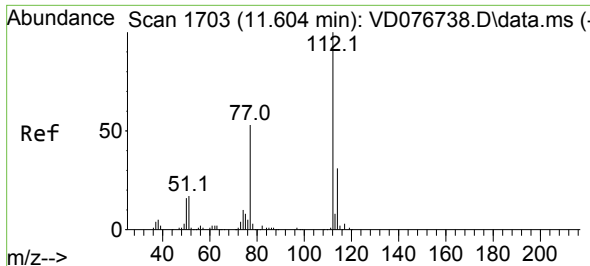
Tgt Ion:117 Resp: 317730
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 53.377 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:164 Resp: 96706
Ion Ratio Lower Upper
164 100
166 124.3 99.2 148.8
129 94.8 68.4 102.6
131 94.0 63.8 95.8

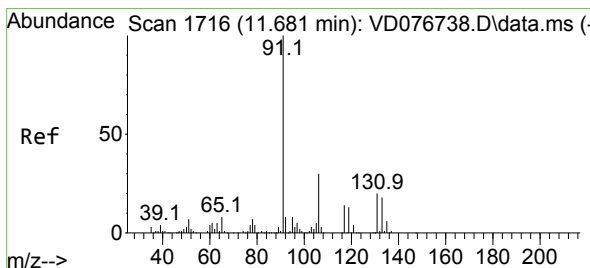
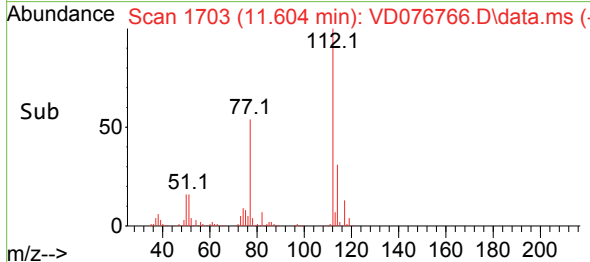
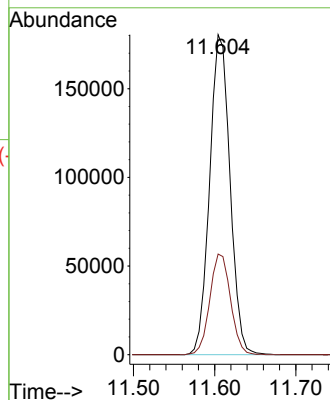
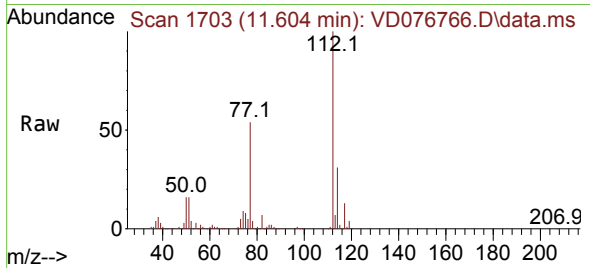




#65
Chlorobenzene
Concen: 49.202 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

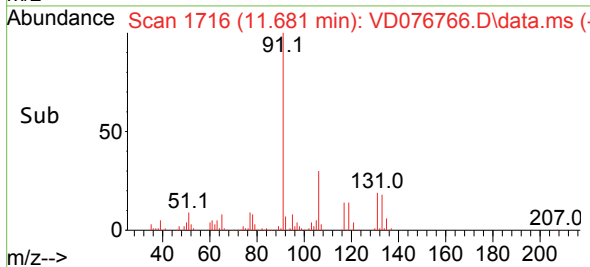
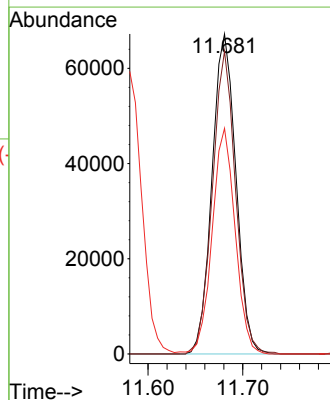
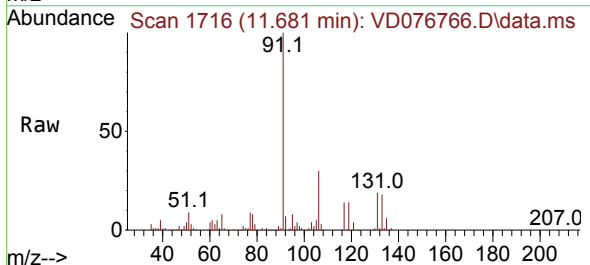
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

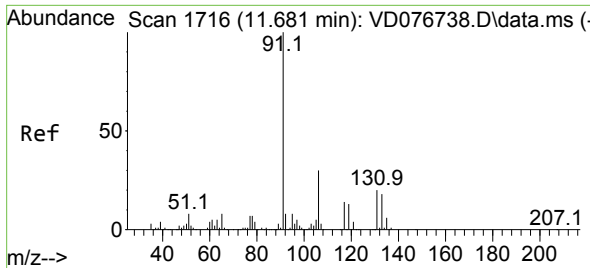
Tgt Ion:112 Resp: 314409
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.463 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:131 Resp: 117679
Ion Ratio Lower Upper
131 100
133 92.1 48.5 145.5
119 67.8 35.6 106.9

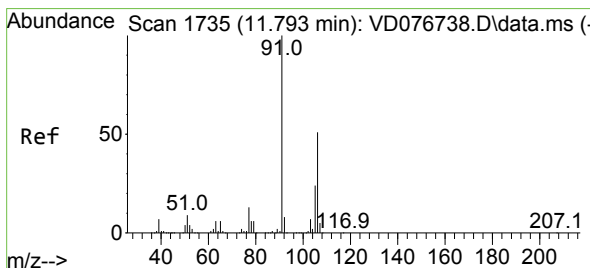
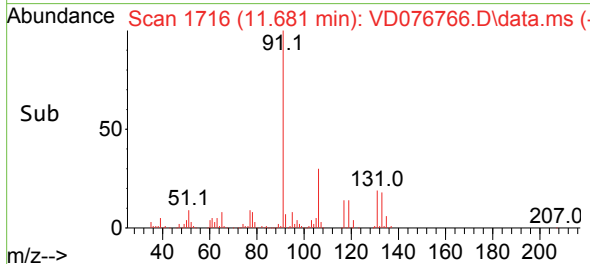
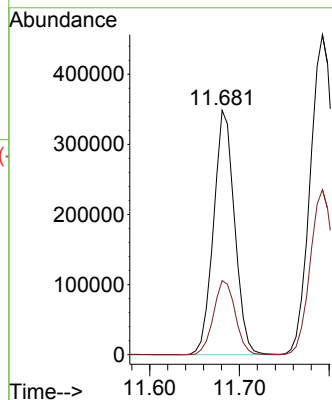
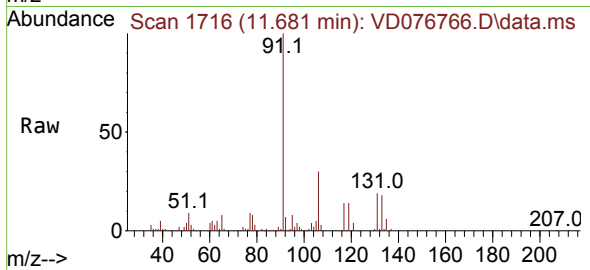




#67
Ethyl Benzene
Concen: 50.575 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

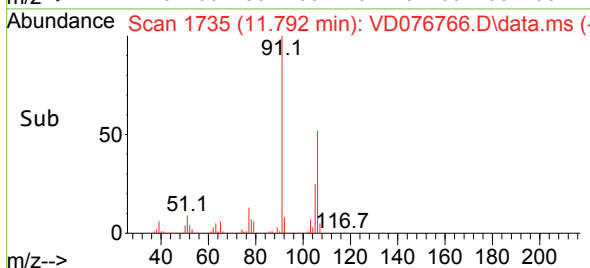
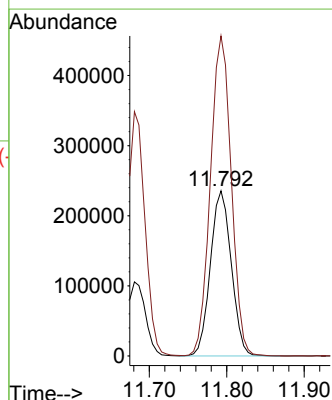
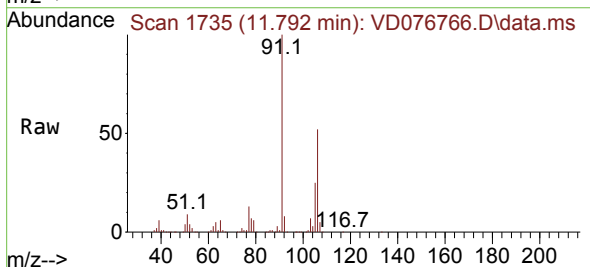
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

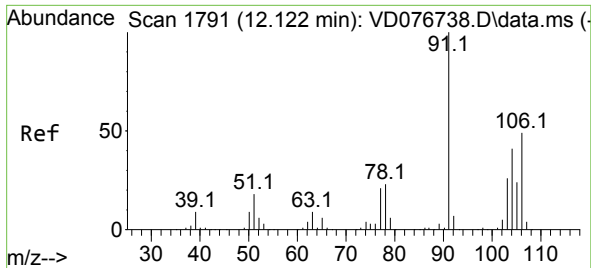
Tgt Ion: 91 Resp: 567577
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7



#68
m/p-Xylenes
Concen: 102.245 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:106 Resp: 440686
Ion Ratio Lower Upper
106 100
91 193.9 147.0 220.6

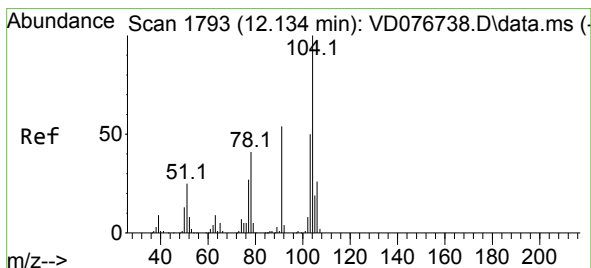
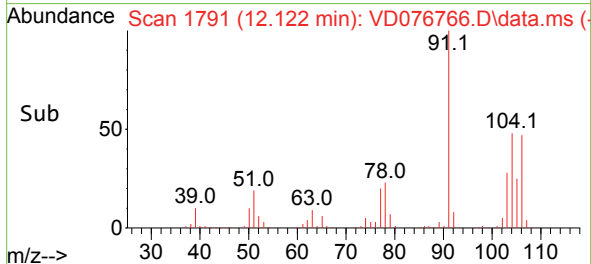
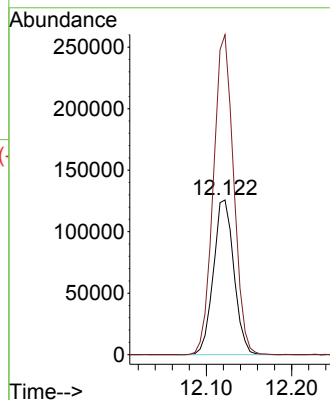
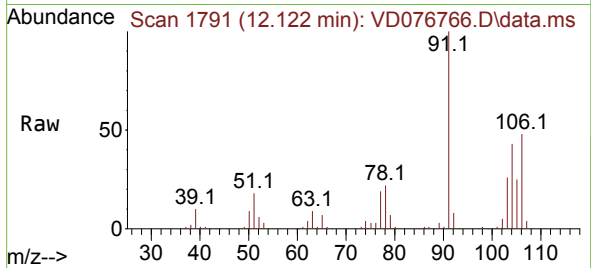




#69
o-Xylene
Concen: 50.394 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

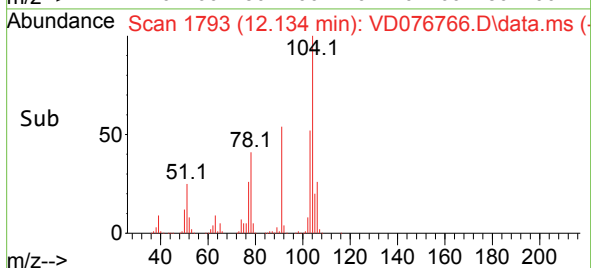
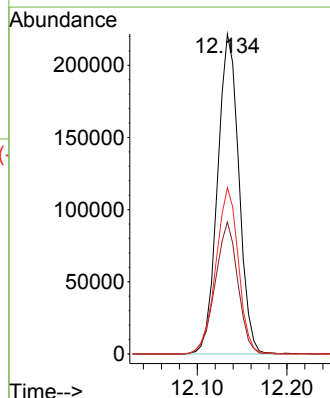
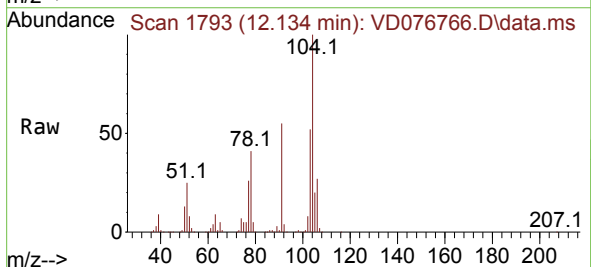
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

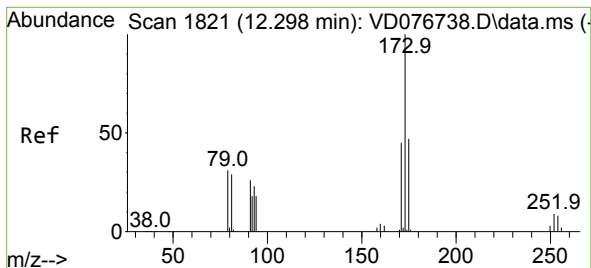
Tgt Ion:106 Resp: 210041
Ion Ratio Lower Upper
106 100
91 204.4 97.9 293.6



#70
Styrene
Concen: 50.219 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:104 Resp: 366407
Ion Ratio Lower Upper
104 100
78 43.7 33.2 49.8
103 54.7 43.6 65.4





#71

Bromoform

Concen: 50.761 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

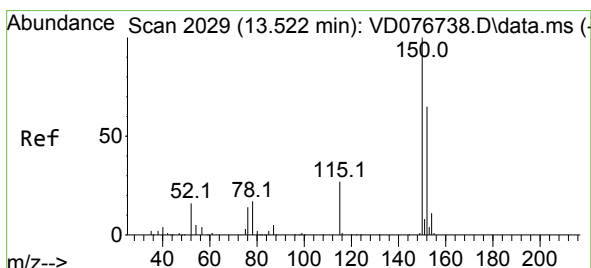
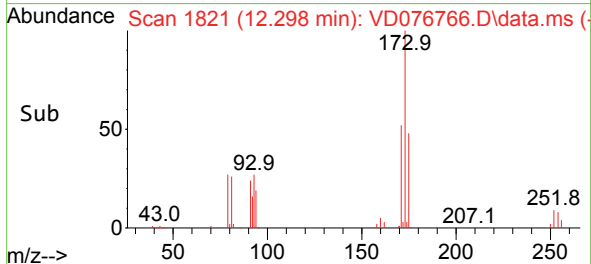
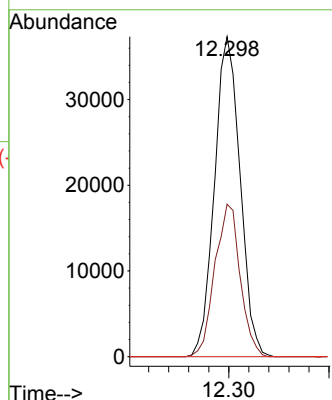
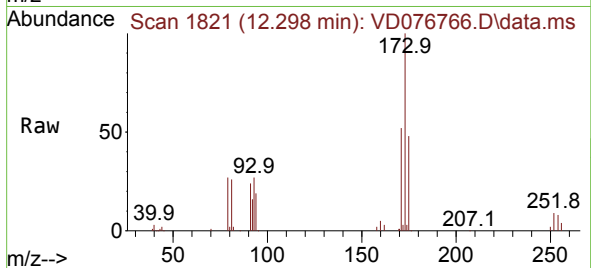
Tgt Ion:173 Resp: 66142

Ion Ratio Lower Upper

173 100

175 47.2 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. -0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

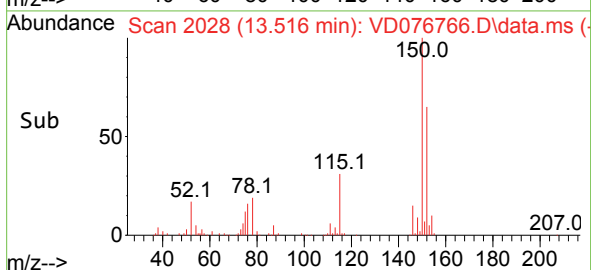
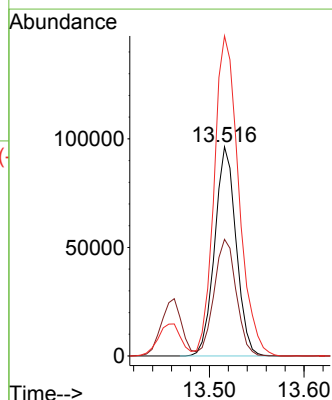
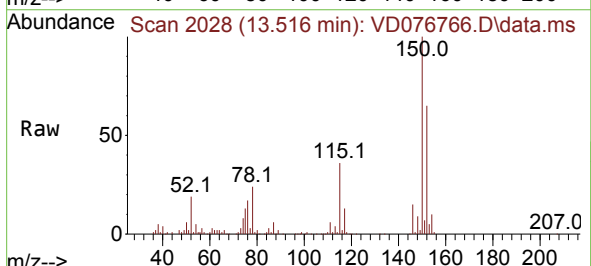
Tgt Ion:152 Resp: 151547

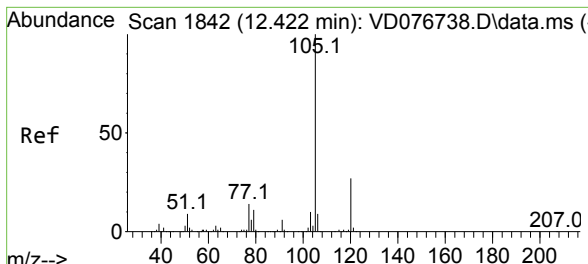
Ion Ratio Lower Upper

152 100

115 57.6 27.1 81.3

150 175.5 0.0 353.6

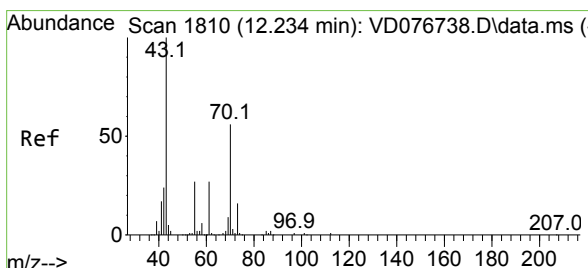
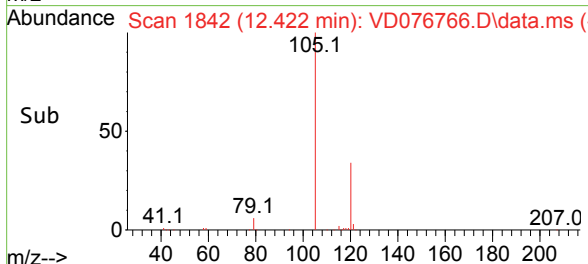
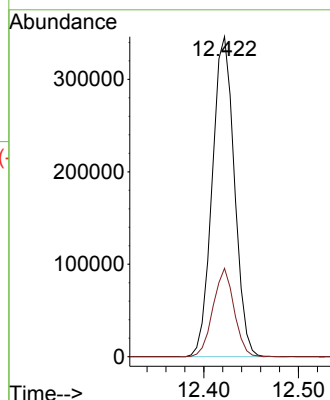
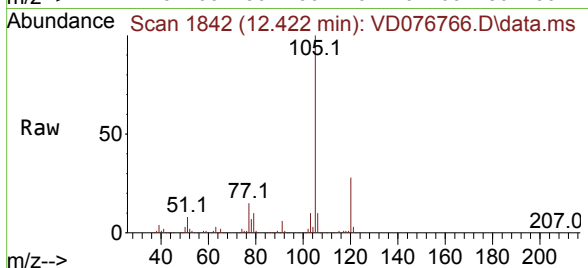




#73
Isopropylbenzene
Concen: 51.121 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

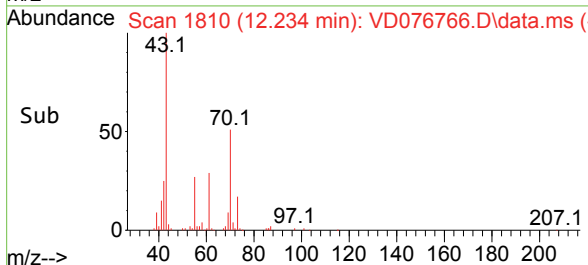
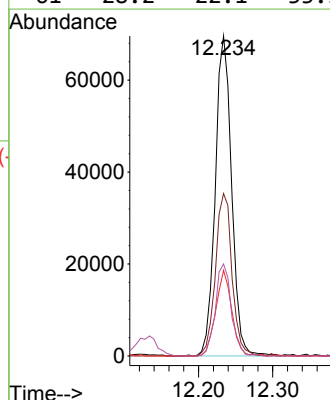
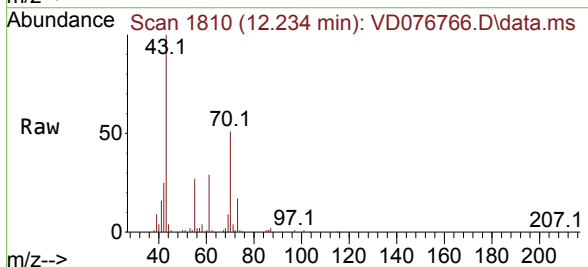
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

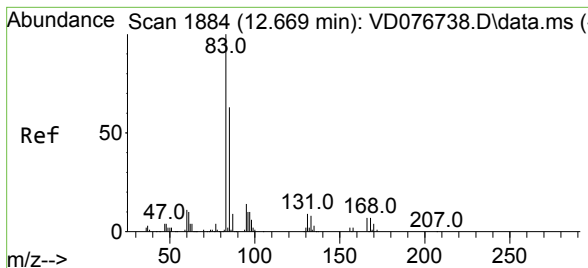
Tgt Ion:105 Resp: 562077
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 46.023 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 43 Resp: 106604
Ion Ratio Lower Upper
43 100
70 51.5 45.0 67.4
55 26.3 23.8 35.6
61 28.2 22.1 33.1

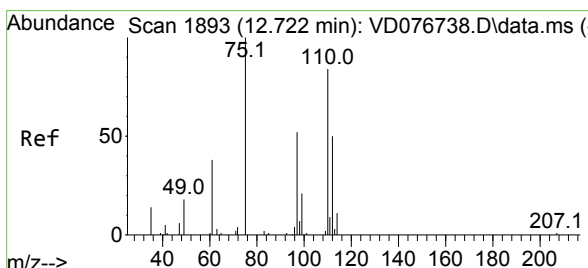
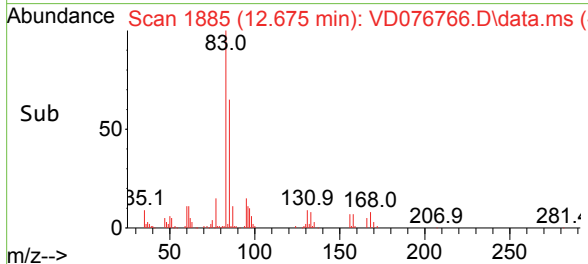
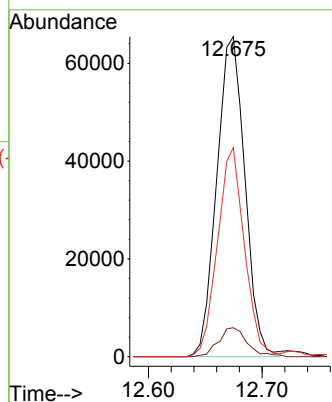
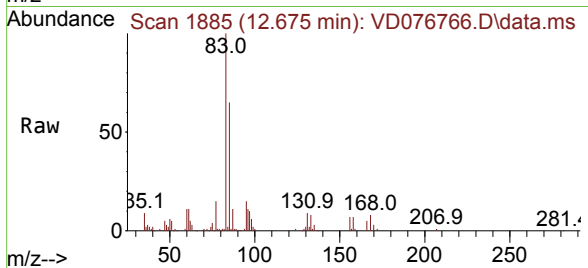




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.792 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

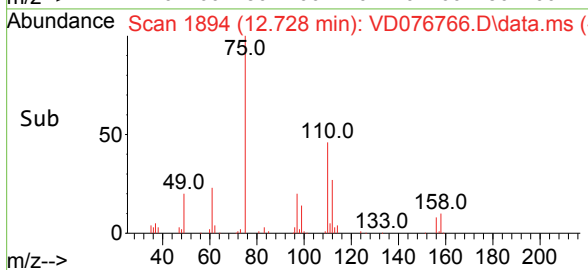
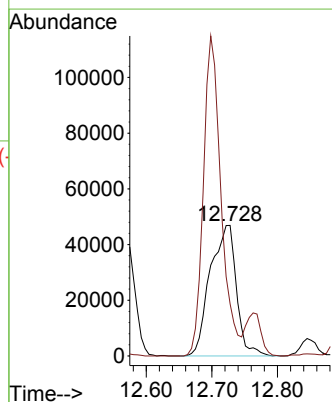
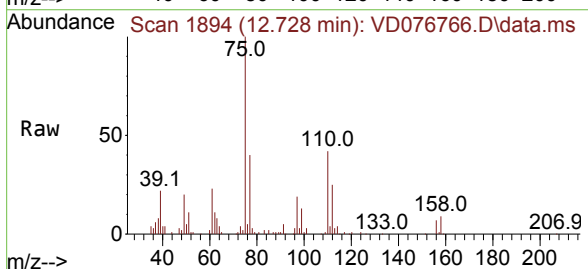
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

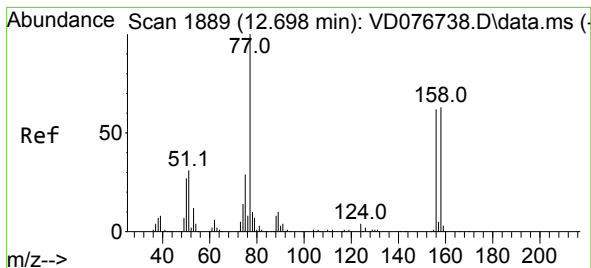
Tgt Ion: 83 Resp: 112823
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 62.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 90.259 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

Tgt Ion: 75 Resp: 130080
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.757 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

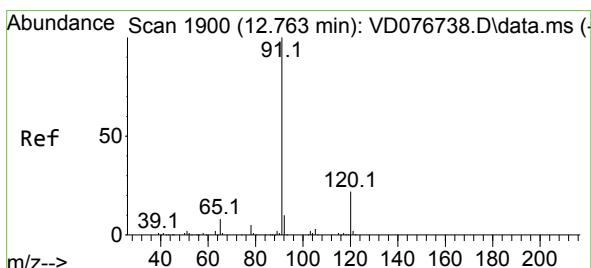
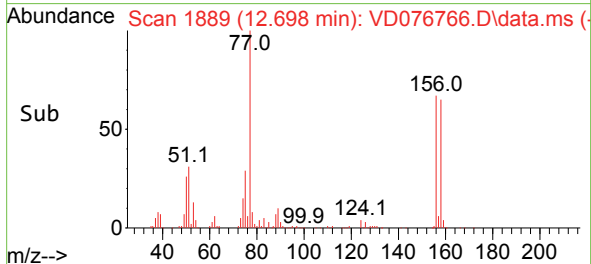
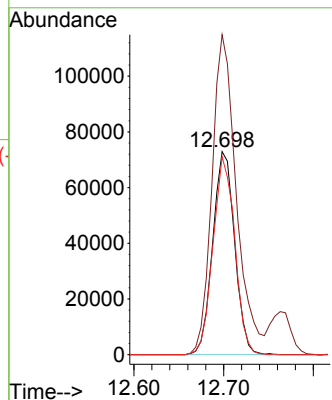
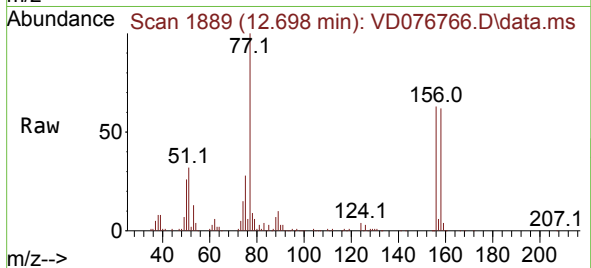
Tgt Ion:156 Resp: 123742

Ion Ratio Lower Upper

156 100

77 175.3 76.8 230.4

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 52.138 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076766.D

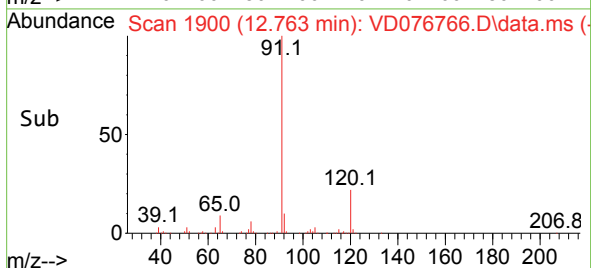
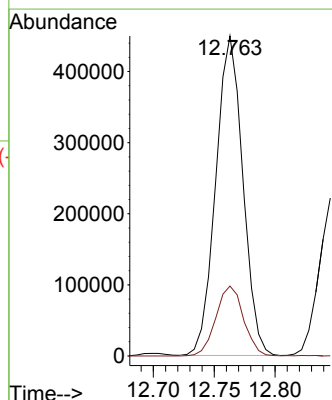
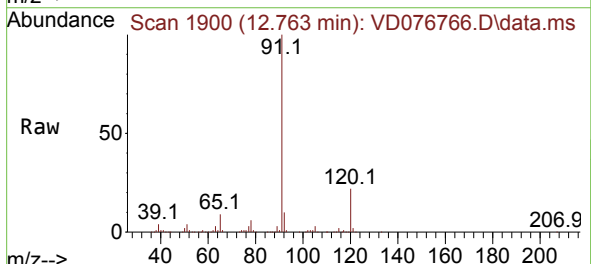
Acq: 18 Jul 2023 09:13

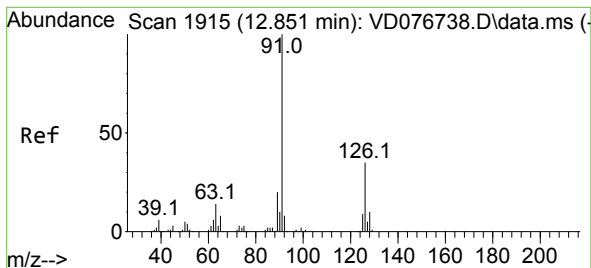
Tgt Ion: 91 Resp: 694977

Ion Ratio Lower Upper

91 100

120 22.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 50.520 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

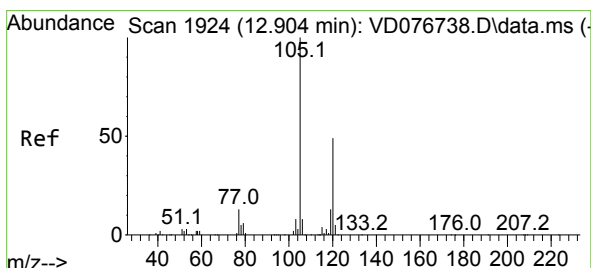
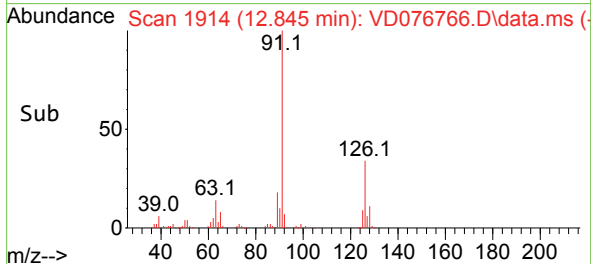
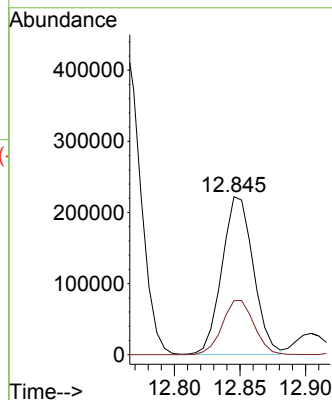
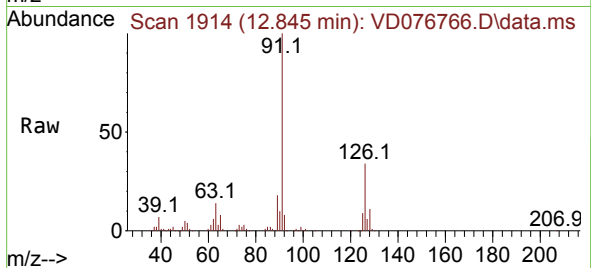
VSTDCCC050

Tgt Ion: 91 Resp: 369231

Ion Ratio Lower Upper

91 100

126 35.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 51.312 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076766.D

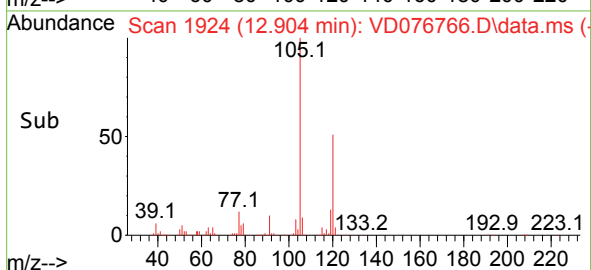
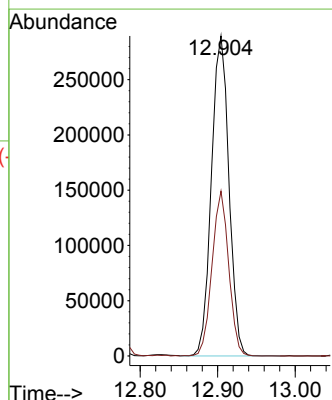
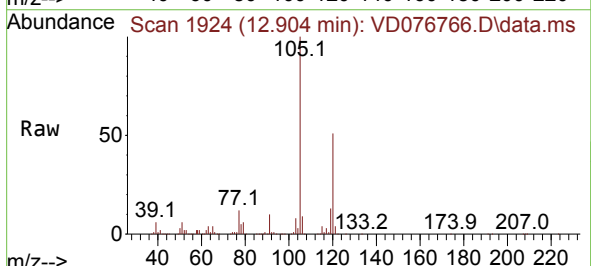
Acq: 18 Jul 2023 09:13

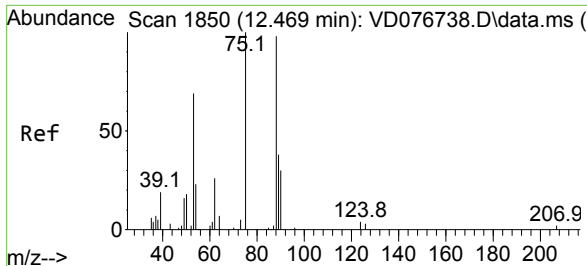
Tgt Ion: 105 Resp: 456191

Ion Ratio Lower Upper

105 100

120 49.0 26.4 79.2

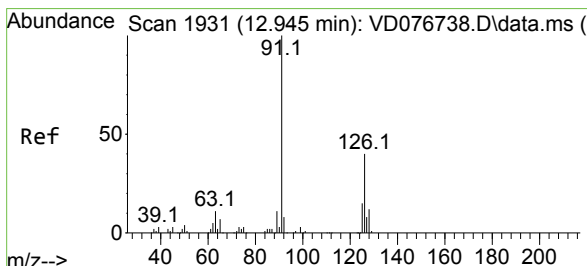
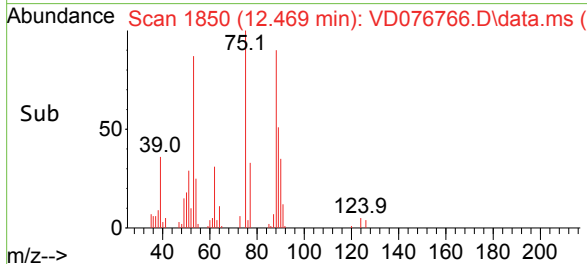
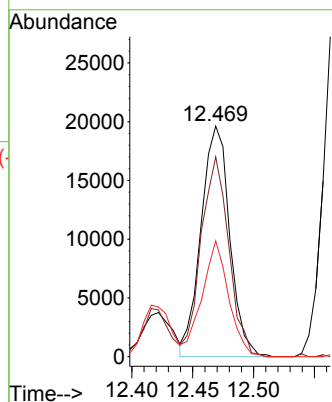
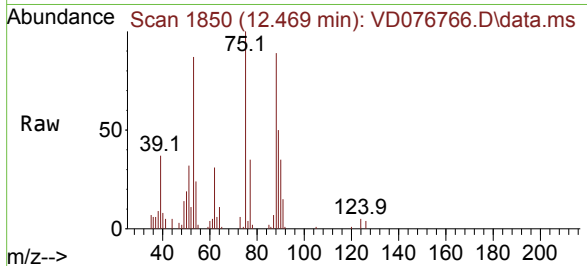




#81
trans-1,4-Dichloro-2-butene
Concen: 47.568 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

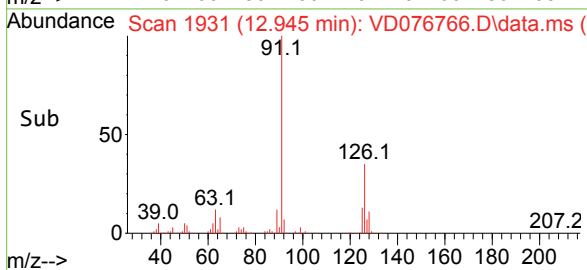
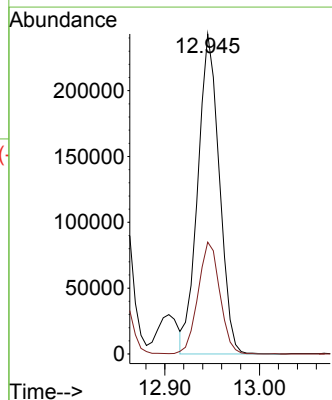
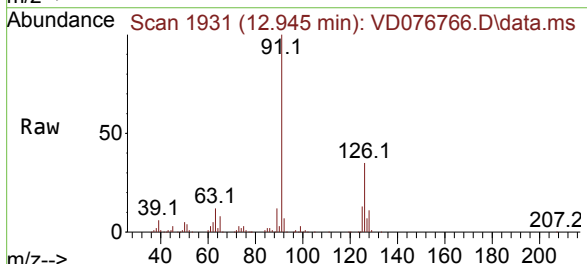
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

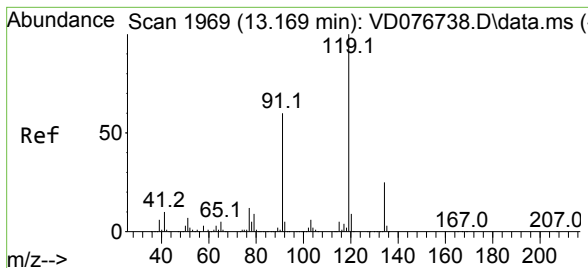
Tgt Ion:	75	Resp:	32212
Ion Ratio	Lower	Upper	
75	100		
53	83.7	63.0	94.4
89	46.8	37.9	56.9



#82
4-Chlorotoluene
Concen: 50.215 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:	91	Resp:	383404
Ion Ratio	Lower	Upper	
91	100		
126	35.3	19.4	58.4





#83

tert-Butylbenzene

Concen: 52.785 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

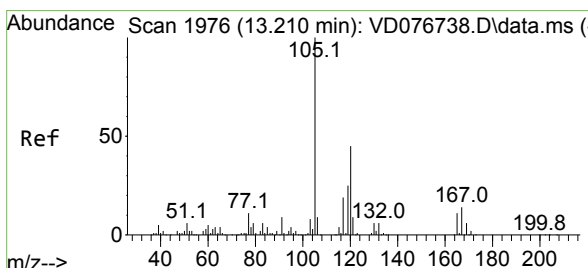
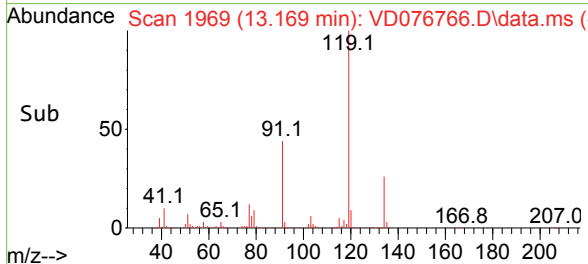
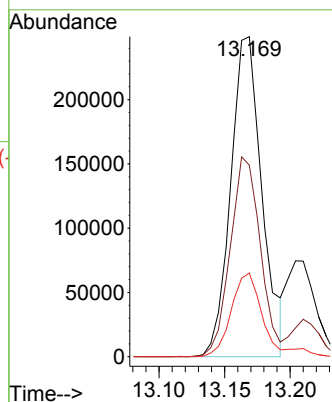
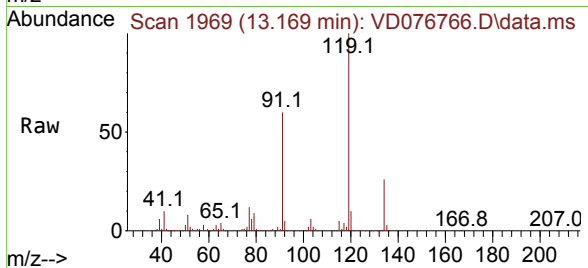
Tgt Ion:119 Resp: 413203

Ion Ratio Lower Upper

119 100

91 60.2 29.3 87.8

134 26.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 50.163 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076766.D

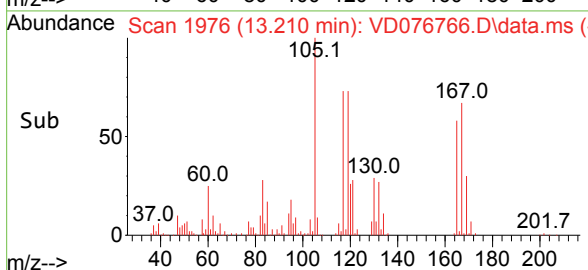
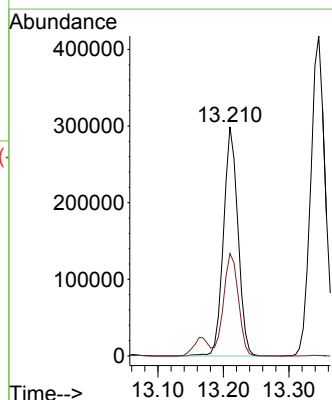
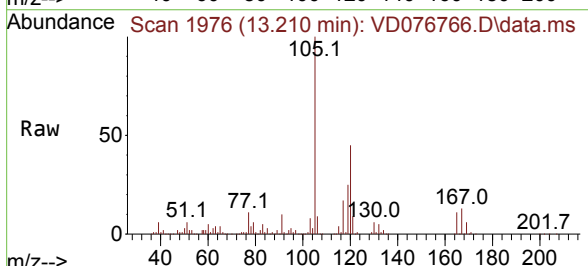
Acq: 18 Jul 2023 09:13

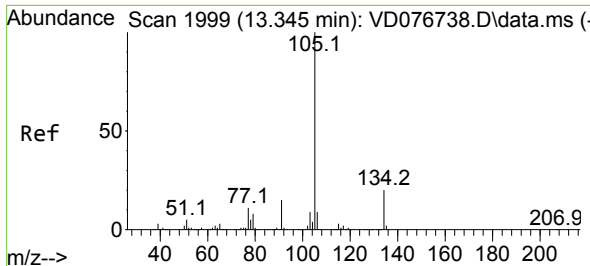
Tgt Ion:105 Resp: 455738

Ion Ratio Lower Upper

105 100

120 46.1 24.3 72.9

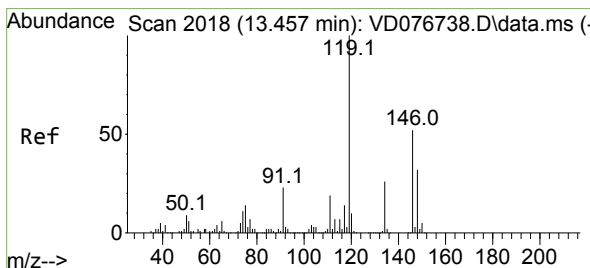
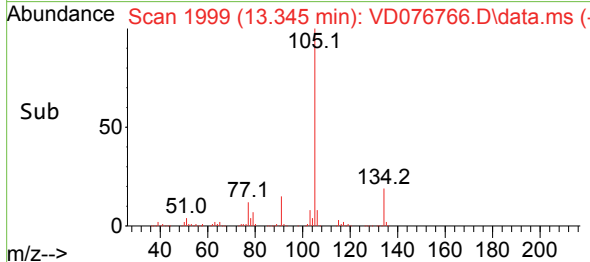
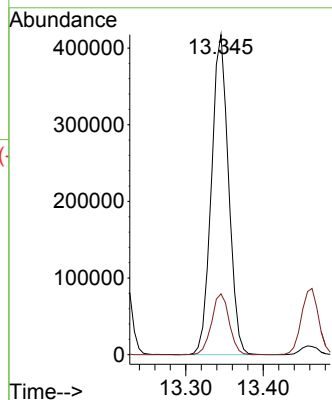
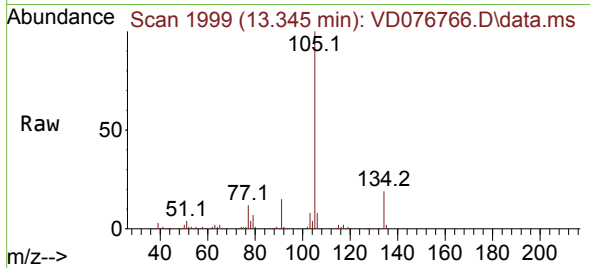




#85
 sec-Butylbenzene
 Concen: 53.593 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

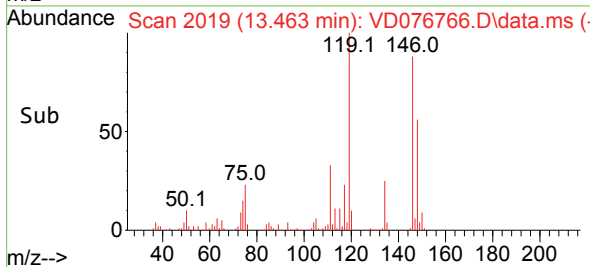
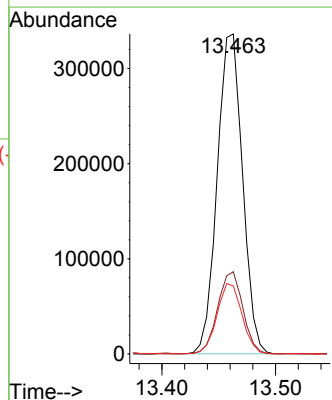
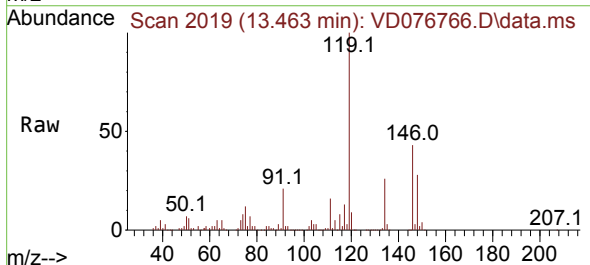
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

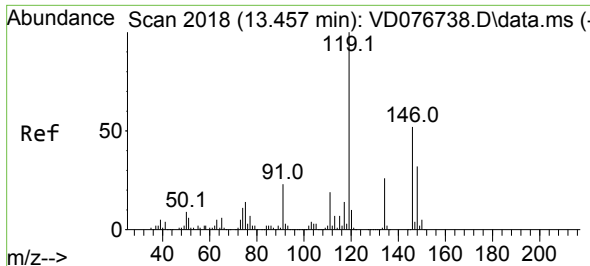
Tgt Ion:105 Resp: 640965
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.771 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

Tgt Ion:119 Resp: 521228
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 21.6 10.5 31.5

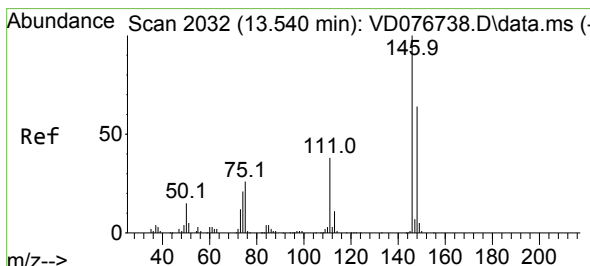
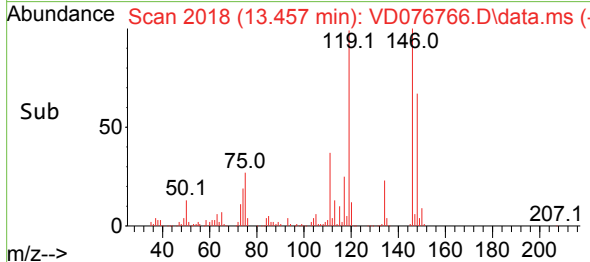
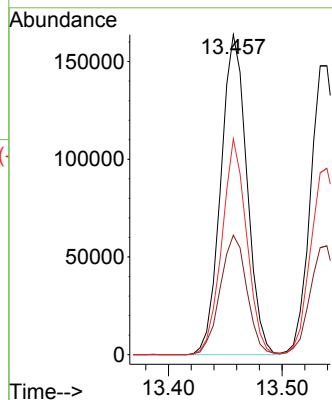
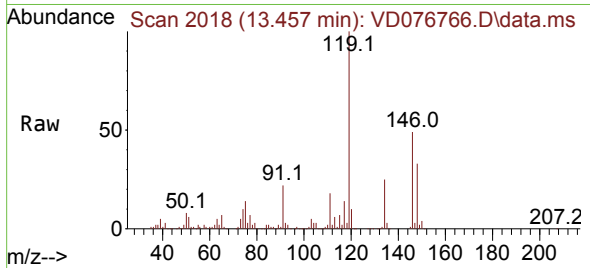




#87
1,3-Dichlorobenzene
Concen: 50.098 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

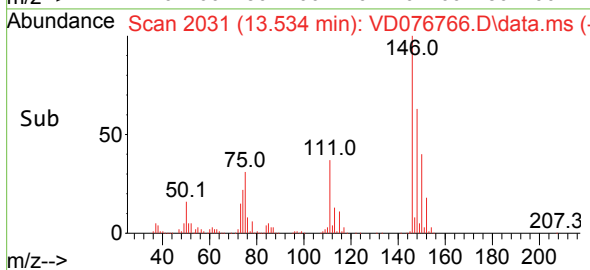
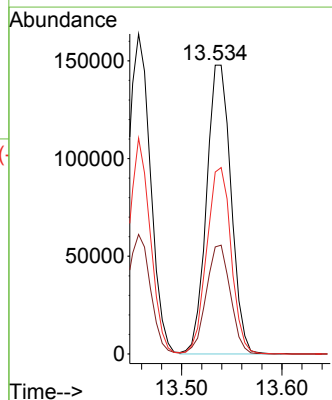
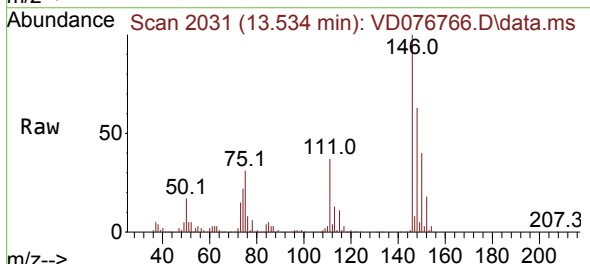
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

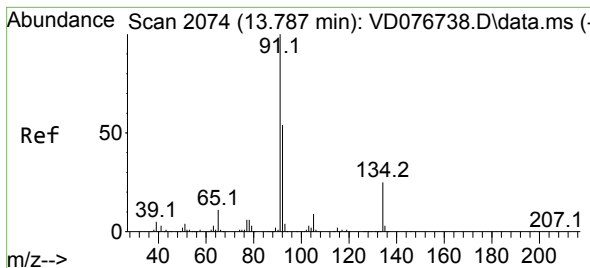
Tgt Ion:146 Resp: 261515
Ion Ratio Lower Upper
146 100
111 38.2 17.9 53.8
148 64.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 49.056 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:146 Resp: 250890
Ion Ratio Lower Upper
146 100
111 37.3 17.4 52.3
148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 52.204 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.001 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

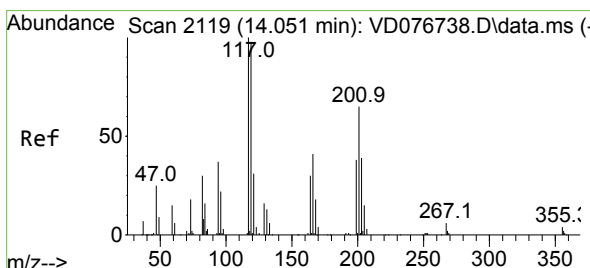
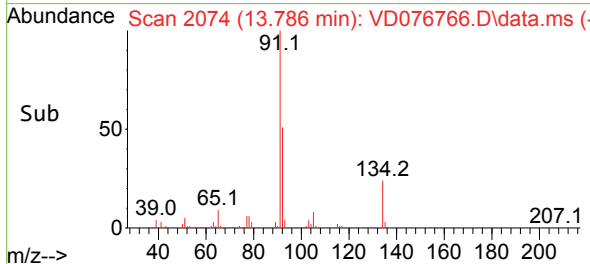
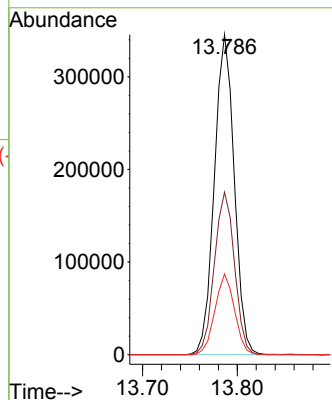
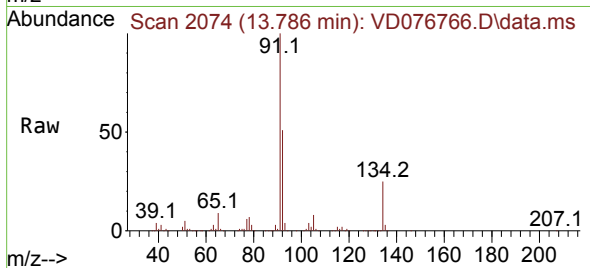
Tgt Ion: 91 Resp: 504562

Ion Ratio Lower Upper

91 100

92 51.3 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 55.191 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076766.D

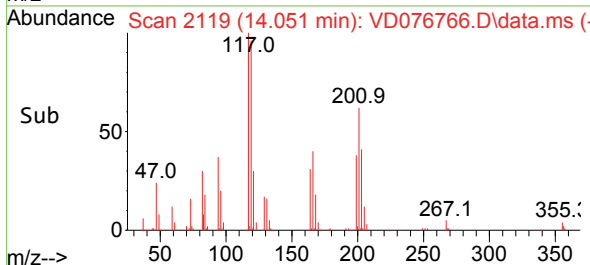
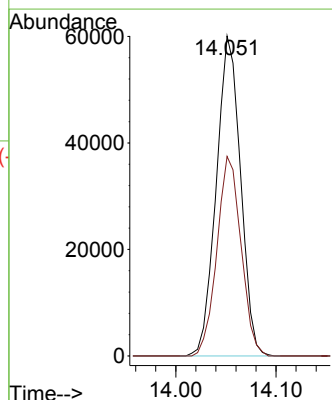
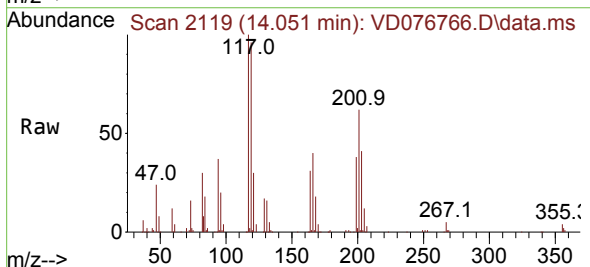
Acq: 18 Jul 2023 09:13

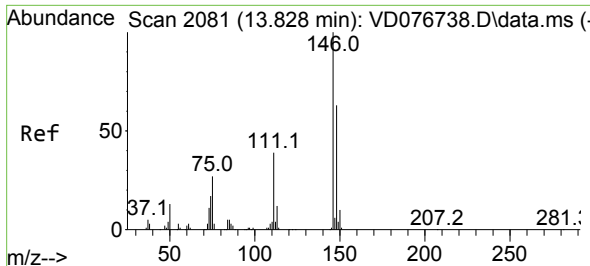
Tgt Ion: 117 Resp: 100782

Ion Ratio Lower Upper

117 100

201 62.1 38.5 115.5

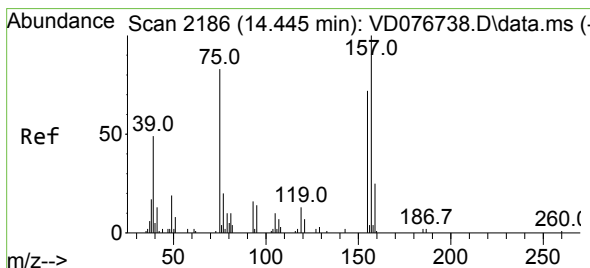
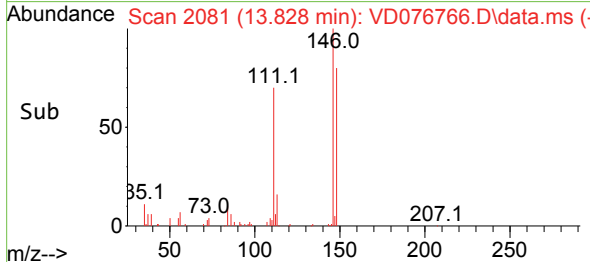
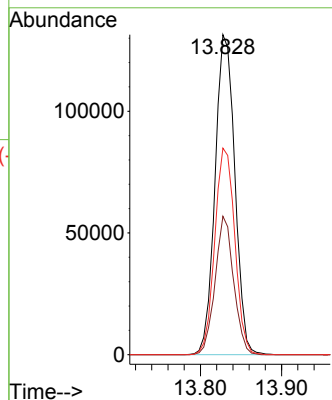
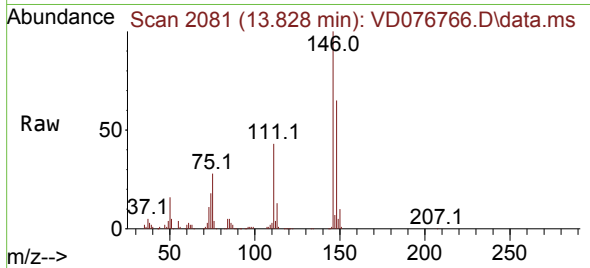




#91
 1,2-Dichlorobenzene
 Concen: 48.427 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

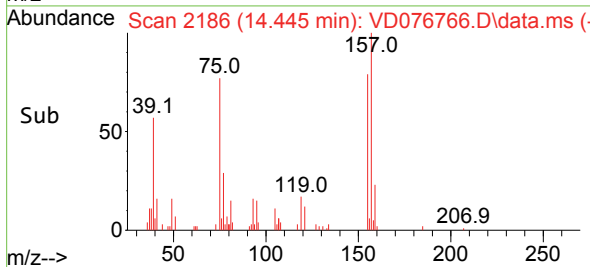
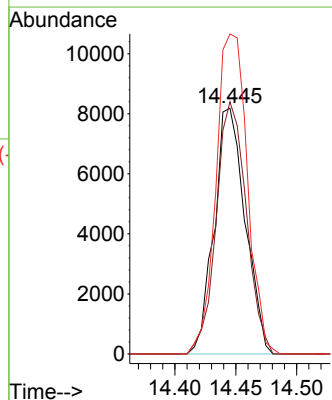
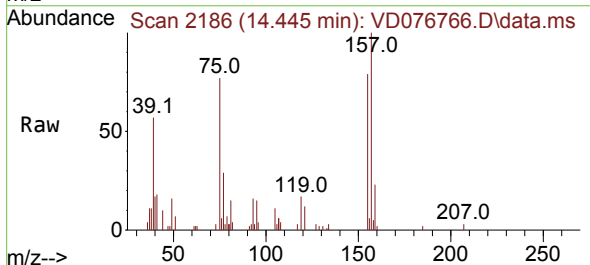
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

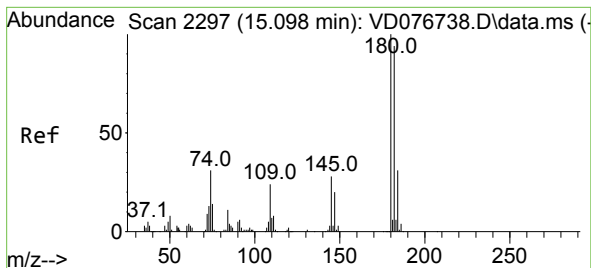
Tgt Ion:146 Resp: 222753
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.3 54.8
 148 65.4 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.206 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

Tgt Ion: 75 Resp: 14543
 Ion Ratio Lower Upper
 75 100
 155 99.2 47.9 143.8
 157 131.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 48.270 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

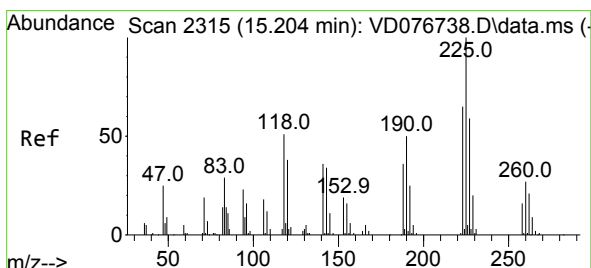
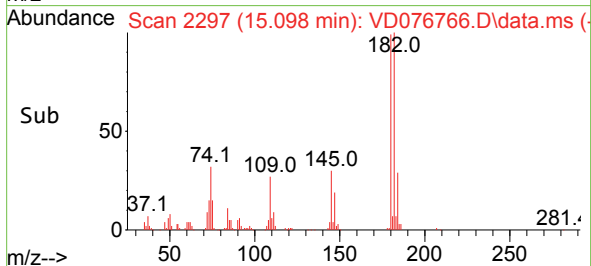
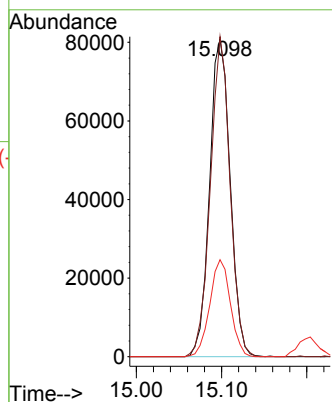
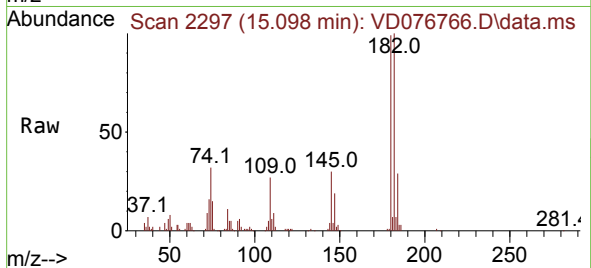
Tgt Ion:180 Resp: 135551

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.6

145 30.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.229 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

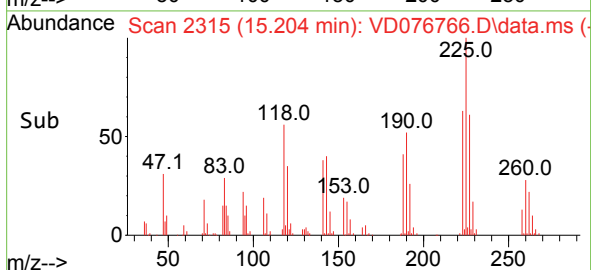
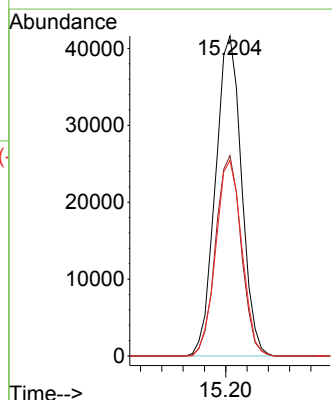
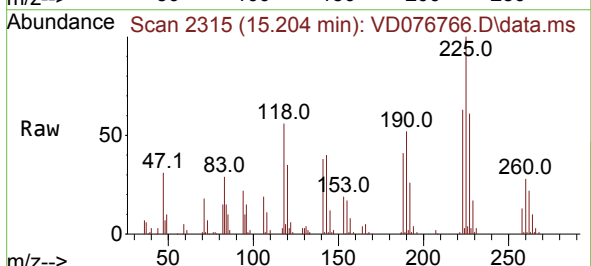
Tgt Ion:225 Resp: 70538

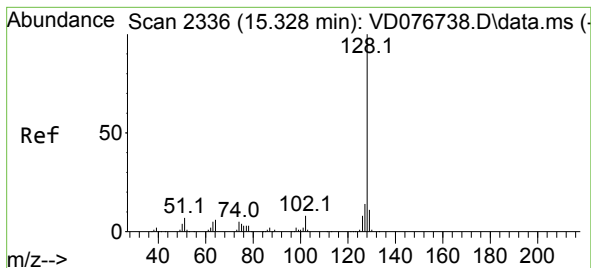
Ion Ratio Lower Upper

225 100

223 61.4 31.6 94.8

227 61.1 31.7 95.1





#95

Naphthalene

Concen: 46.665 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.005 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

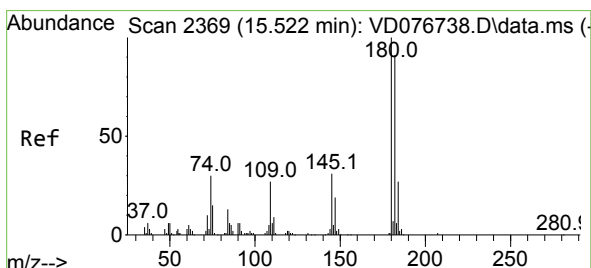
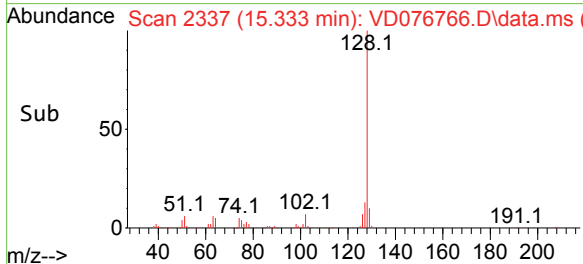
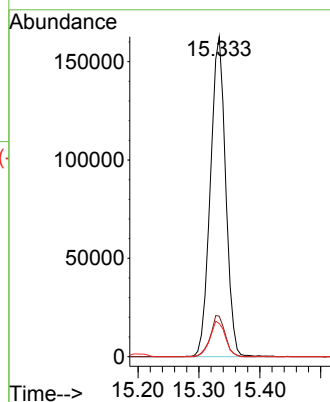
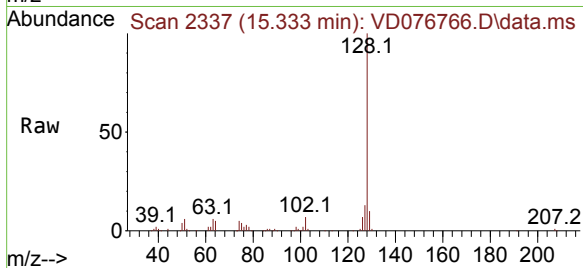
Tgt Ion:128 Resp: 283742

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.102 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Tgt Ion:180 Resp: 121217

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.9

145 32.2 15.1 45.3

