

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076527.D
 Acq On : 21 Jun 2023 22:22
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 04:32:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	104964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	186501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	171520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53538	50.909	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.820%		
35) Dibromofluoromethane	7.805	113	53980	48.721	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.440%		
50) Toluene-d8	10.269	98	194881	46.380	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.760%		
62) 4-Bromofluorobenzene	12.569	95	63776	46.768	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	37823	47.422	ug/l	99
3) Chloromethane	2.146	50	81762	49.291	ug/l	98
4) Vinyl Chloride	2.275	62	88015	47.566	ug/l	99
5) Bromomethane	2.681	94	50903	42.309	ug/l	98
6) Chloroethane	2.828	64	63841	50.338	ug/l	98
7) Trichlorofluoromethane	3.164	101	79094	51.941	ug/l	99
8) Diethyl Ether	3.587	74	29276	51.084	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.958	101	47322	48.254	ug/l	96
10) Methyl Iodide	4.158	142	57261	49.250	ug/l	92
11) Tert butyl alcohol	5.052	59	25671	282.722	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	46903	48.834	ug/l	88
13) Acrolein	3.793	56	25943	265.264	ug/l	93
14) Allyl chloride	4.552	41	79422	45.216	ug/l #	88
15) Acrylonitrile	5.252	53	87087	295.518	ug/l	98
16) Acetone	4.017	43	60076	240.062	ug/l #	85
17) Carbon Disulfide	4.264	76	123388	47.018	ug/l	98
18) Methyl Acetate	4.564	43	73480	63.714	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	136833	52.083	ug/l	96
20) Methylene Chloride	4.787	84	61132	42.401	ug/l #	80
21) trans-1,2-Dichloroethene	5.311	96	53977	48.623	ug/l	87
22) Diisopropyl ether	6.216	45	182308	48.000	ug/l #	91
23) Vinyl Acetate	6.158	43	470277	249.800	ug/l #	87
24) 1,1-Dichloroethane	6.111	63	106686	50.302	ug/l	97
25) 2-Butanone	7.075	43	108531	280.395	ug/l #	75
26) 2,2-Dichloropropane	7.075	77	76990	42.104	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	67505	50.245	ug/l	87
28) Bromochloromethane	7.422	49	29604	48.384	ug/l #	76
29) Tetrahydrofuran	7.440	42	72444	291.236	ug/l #	76
30) Chloroform	7.593	83	108471	51.652	ug/l	95
31) Cyclohexane	7.875	56	77986	47.823	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	86836	51.153	ug/l	96
36) 1,1-Dichloropropene	8.005	75	74599	48.081	ug/l	96
37) Ethyl Acetate	7.169	43	48688	54.154	ug/l #	91
38) Carbon Tetrachloride	7.993	117	71140	51.300	ug/l	99
39) Methylcyclohexane	9.269	83	82679	45.409	ug/l	88
40) Benzene	8.252	78	226835	47.942	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	24135	47.539	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	69431	54.308	ug/l	97
43) Isopropyl Acetate	8.363	43	90506	53.173	ug/l #	74
44) Trichloroethene	9.028	130	62758	49.170	ug/l	93
45) 1,2-Dichloropropane	9.304	63	62419	48.656	ug/l	92
46) Dibromomethane	9.393	93	36942	53.755	ug/l	94
47) Bromodichloromethane	9.587	83	81252	49.407	ug/l	98
48) Methyl methacrylate	9.381	41	44687	57.281	ug/l #	70
49) 1,4-Dioxane	9.381	88	10345	1256.387	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	251749	289.343	ug/l #	85
52) Toluene	10.334	92	145069	48.860	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	82403	49.379	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	95304	48.170	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	51611	53.690	ug/l	94
56) Ethyl methacrylate	10.599	69	69135	55.081	ug/l #	75
57) 1,3-Dichloropropane	10.881	76	86388	52.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	140669	264.349	ug/l	92
59) 2-Hexanone	10.922	43	176196	291.125	ug/l	83
60) Dibromochloromethane	11.075	129	61347	54.837	ug/l	96
61) 1,2-Dibromoethane	11.181	107	51477	57.045	ug/l	96
64) Tetrachloroethene	10.810	164	52805	51.289	ug/l	96
65) Chlorobenzene	11.604	112	161938	49.696	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	62362	53.513	ug/l	98
67) Ethyl Benzene	11.681	91	288740	50.008	ug/l	95
68) m/p-Xylenes	11.793	106	223971	99.371	ug/l	91
69) o-Xylene	12.122	106	111878	52.145	ug/l	96
70) Styrene	12.134	104	190426	51.380	ug/l	95
71) Bromoform	12.298	173	41165	58.832	ug/l #	99
73) Isopropylbenzene	12.422	105	277083	45.759	ug/l	98
74) N-amyl acetate	12.234	43	83036	46.841	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	66987	53.610	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	79416	88.970	ug/l #	100
77) Bromobenzene	12.698	156	74023	49.550	ug/l	93
78) n-propylbenzene	12.763	91	340389	45.526	ug/l	96
79) 2-Chlorotoluene	12.845	91	190073	46.295	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	228464	46.200	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	18582	45.616	ug/l	87
82) 4-Chlorotoluene	12.945	91	195981	45.963	ug/l	96
83) tert-Butylbenzene	13.163	119	203005	46.201	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	231627	46.480	ug/l	98
85) sec-Butylbenzene	13.345	105	302155	46.339	ug/l	96
86) p-Isopropyltoluene	13.457	119	252872	46.412	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	139430	47.515	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	136241	46.552	ug/l	97
89) n-Butylbenzene	13.787	91	236861	44.571	ug/l	98
90) Hexachloroethane	14.051	117	46415	46.164	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	122569	47.799	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10346	55.010	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	78292	45.813	ug/l	98
94) Hexachlorobutadiene	15.204	225	37769	45.459	ug/l	99
95) Naphthalene	15.334	128	177536	51.952	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	73103	49.099	ug/l	97

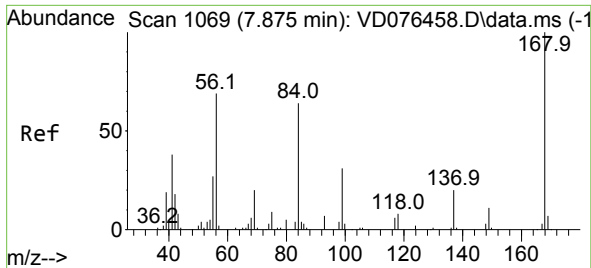
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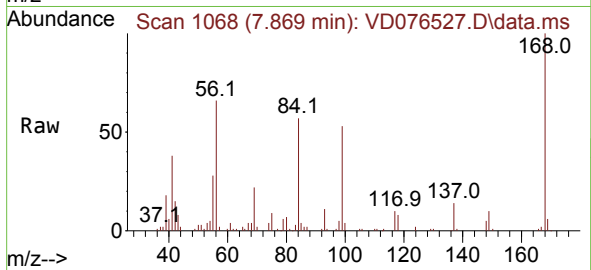
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

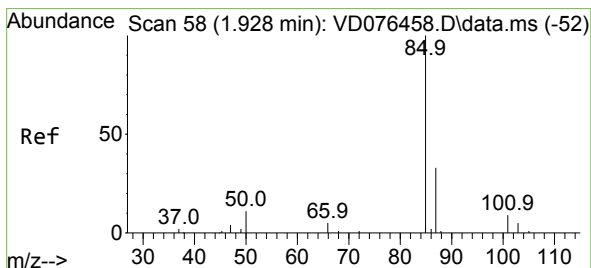
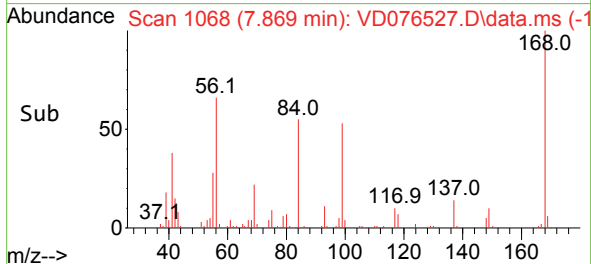
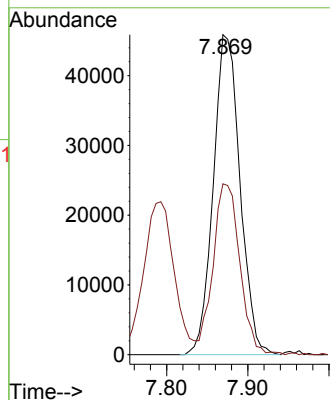


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076527.D
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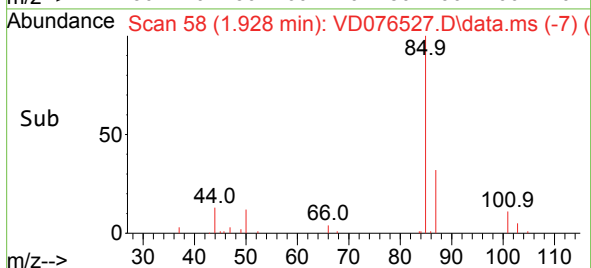
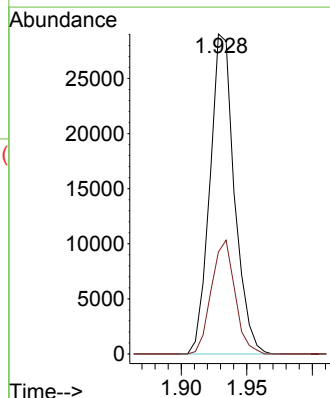
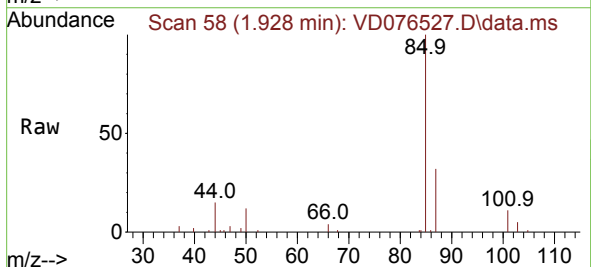


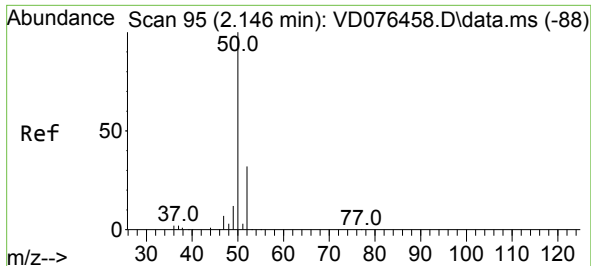
Tgt Ion:168 Resp: 104964
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 47.422 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 85 Resp: 37823
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0

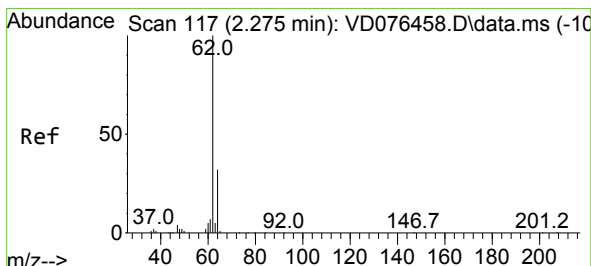
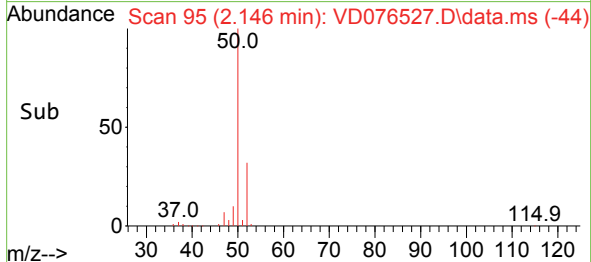
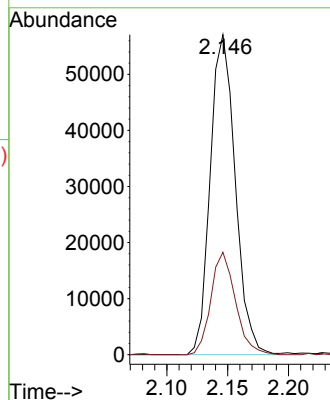
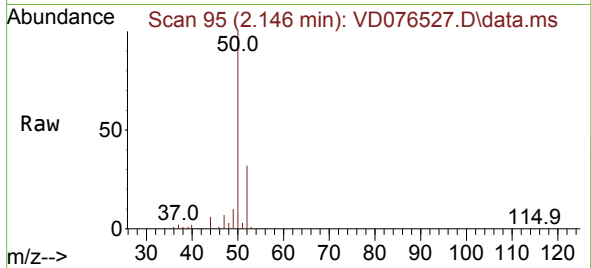




#3
Chloromethane
Concen: 49.291 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

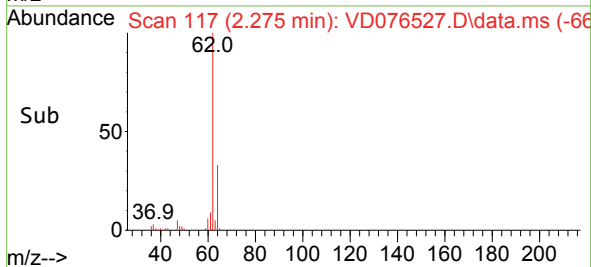
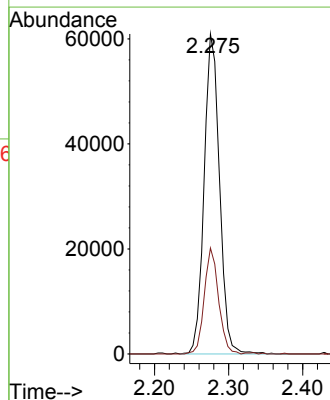
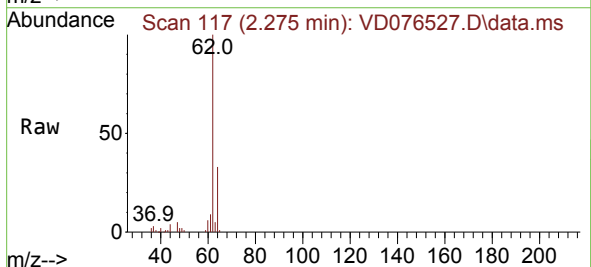
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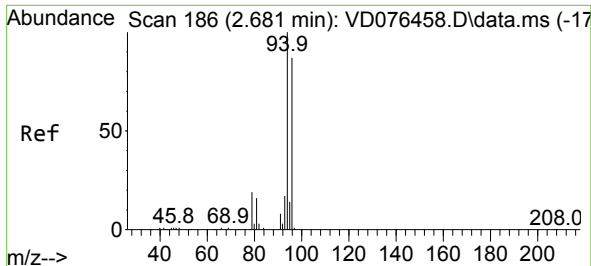
Tgt Ion: 50 Resp: 81762
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 47.566 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 62 Resp: 88015
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

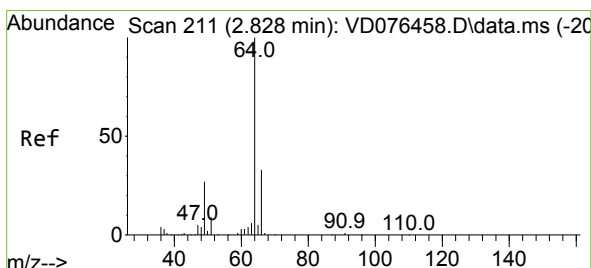
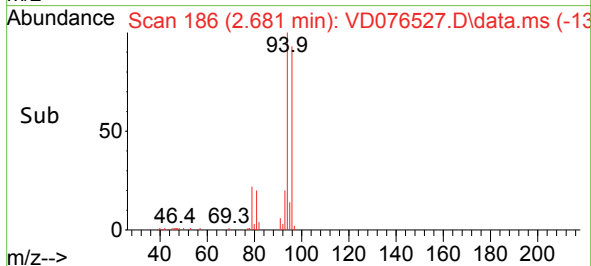
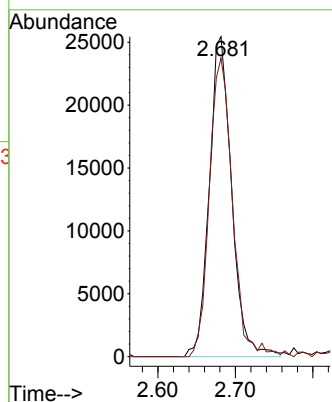
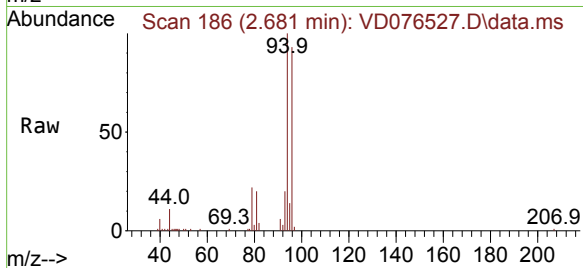




#5
Bromomethane
Concen: 42.309 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

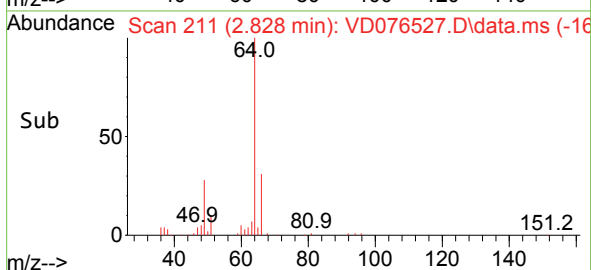
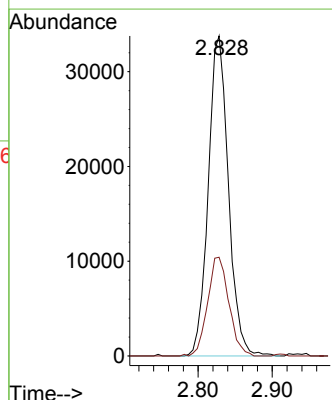
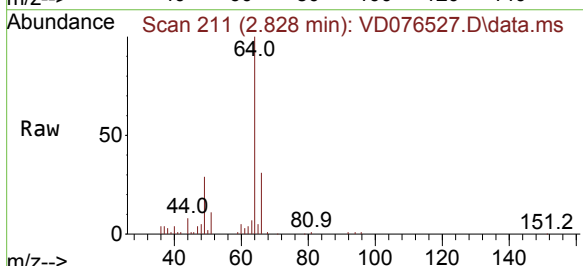
Instrument :
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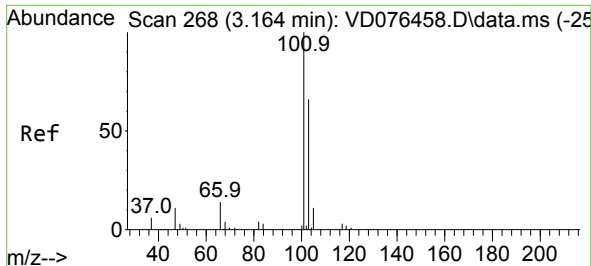
Tgt Ion: 94 Resp: 50903
Ion Ratio Lower Upper
94 100
96 96.6 75.8 113.8



#6
Chloroethane
Concen: 50.338 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 64 Resp: 63841
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3

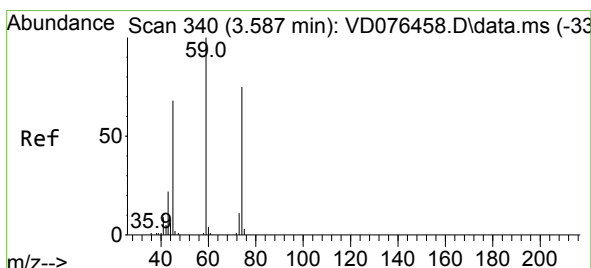
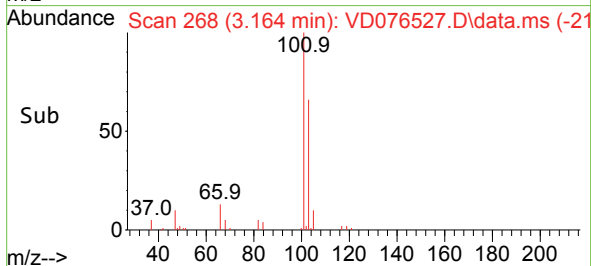
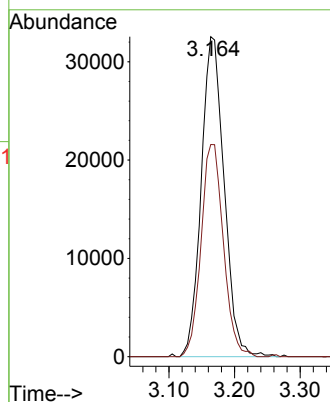
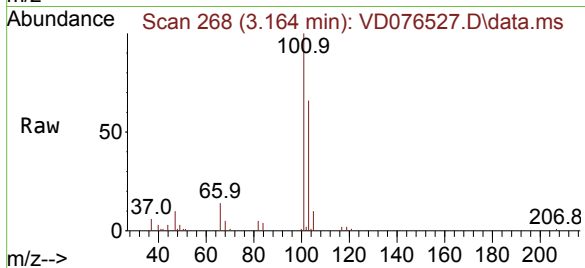




#7
Trichlorofluoromethane
Concen: 51.941 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076527.D
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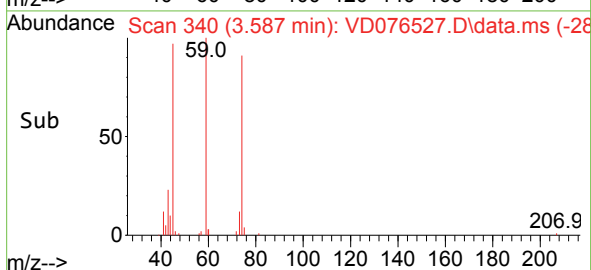
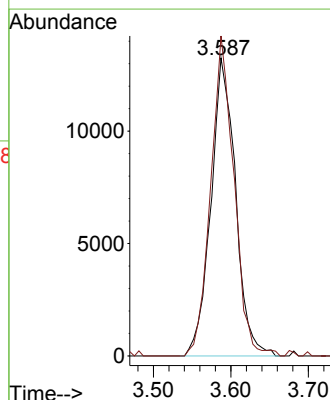
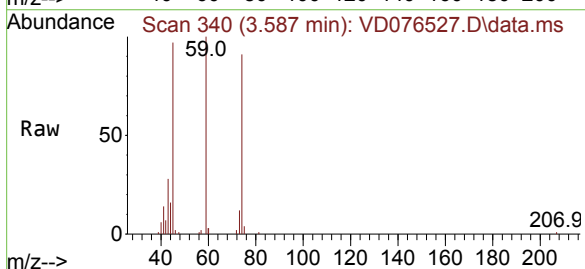
Instrument :
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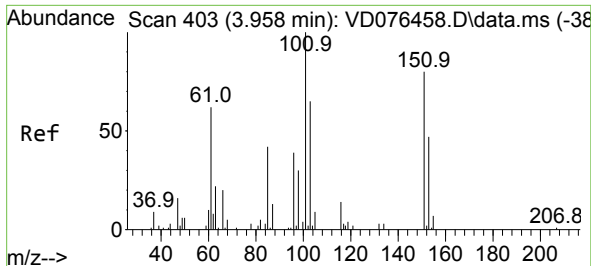
Tgt Ion:101 Resp: 79094
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5



#8
Diethyl Ether
Concen: 51.084 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 74 Resp: 29276
Ion Ratio Lower Upper
74 100
45 101.8 37.5 112.7

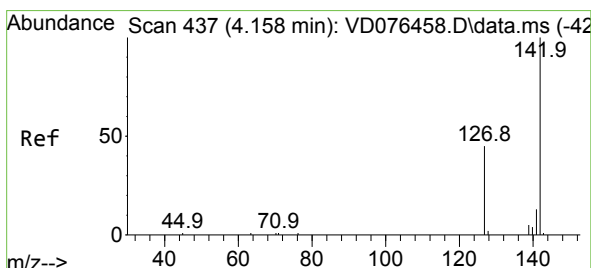
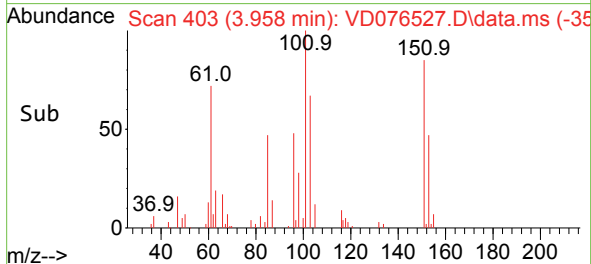
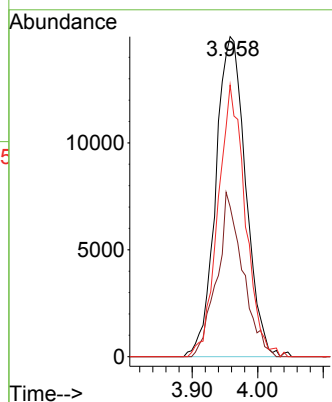
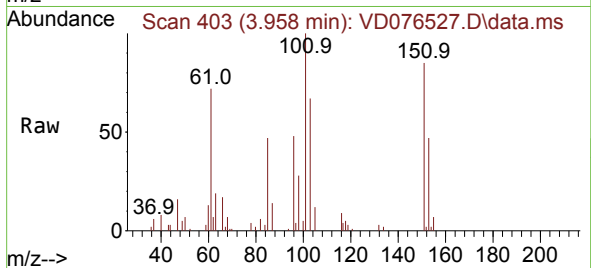




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.254 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
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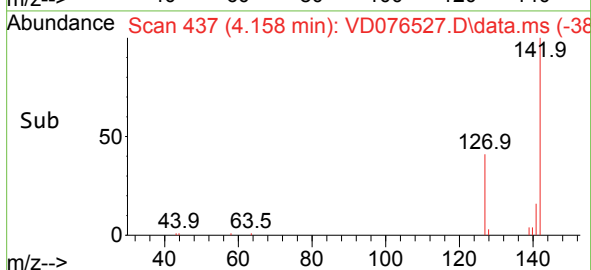
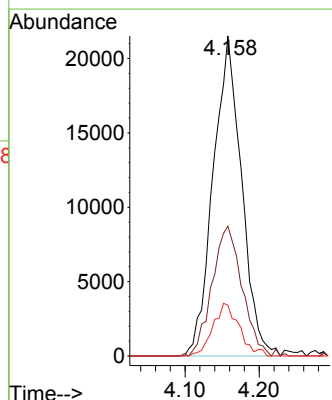
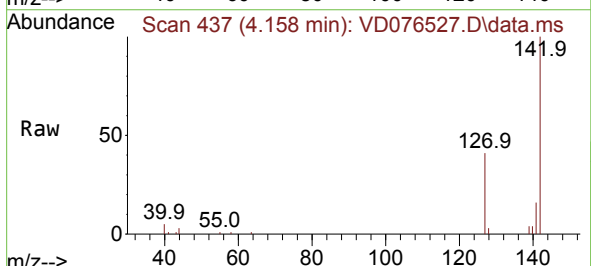
Instrument :
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ClientSampleId :
VSTDCCC050EC

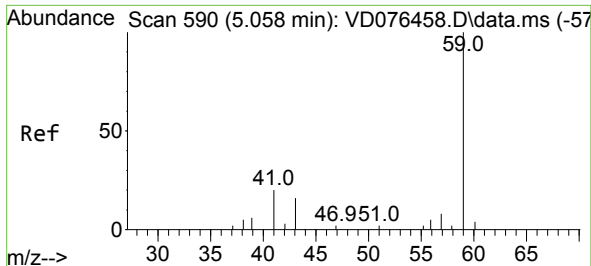
Tgt Ion:101	Resp:	47322
Ion	Ratio	Lower Upper
101	100	
85	44.5	33.8 50.6
151	77.8	59.8 89.6



#10
Methyl Iodide
Concen: 49.250 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion:142	Resp:	57261
Ion	Ratio	Lower Upper
142	100	
127	42.7	29.4 44.0
141	15.2	11.1 16.7

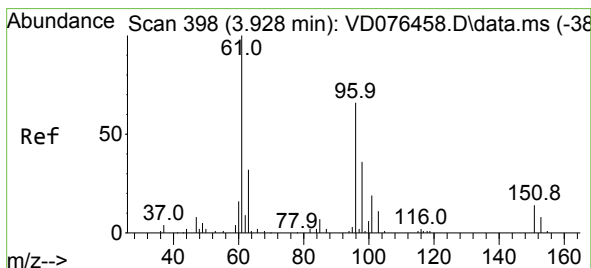
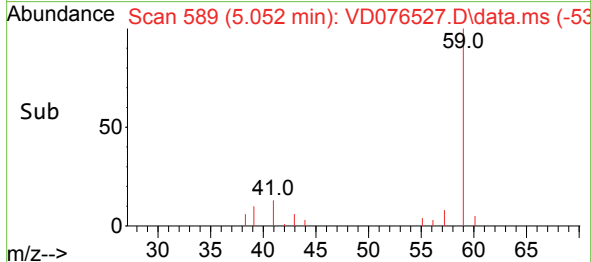
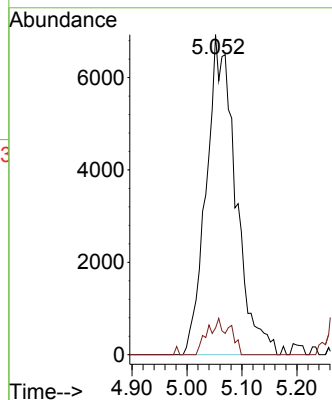
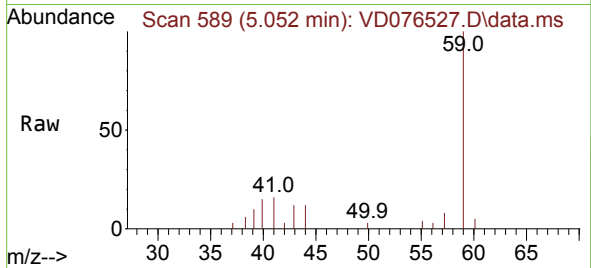




#11
Tert butyl alcohol
Concen: 282.722 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

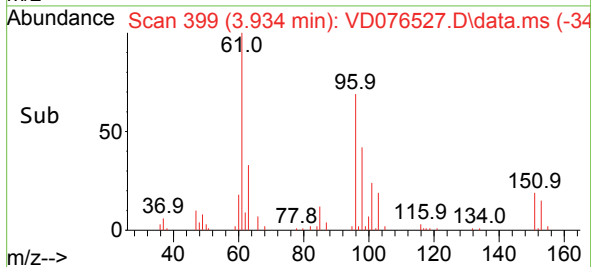
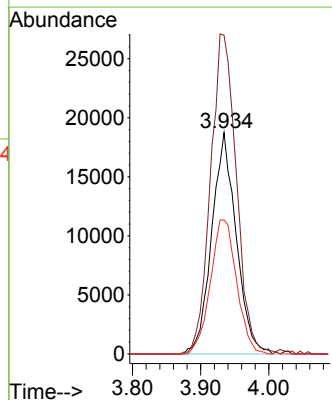
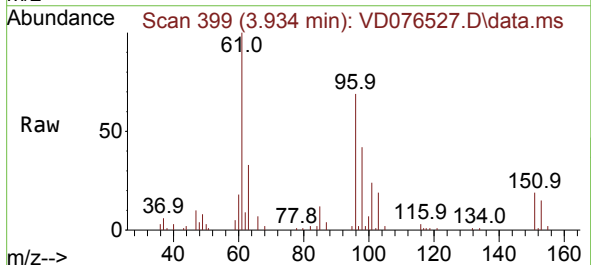
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

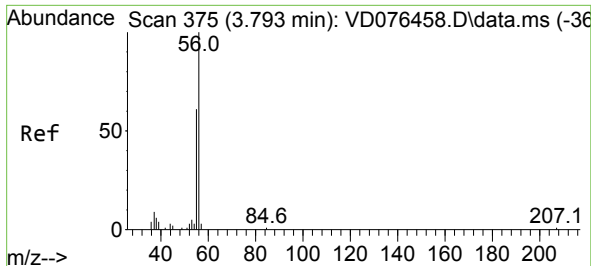
Tgt Ion: 59 Resp: 25671
Ion Ratio Lower Upper
59 100
57 6.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.834 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 96 Resp: 46903
Ion Ratio Lower Upper
96 100
61 144.0 100.6 150.8
98 60.6 50.2 75.2

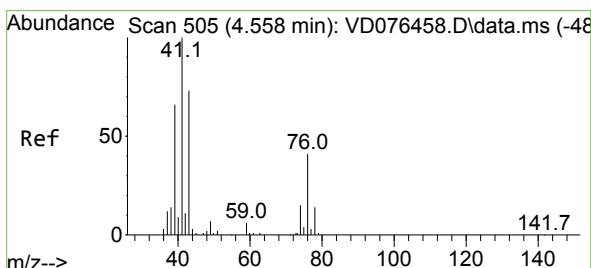
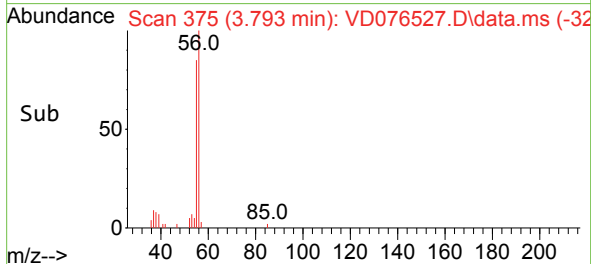
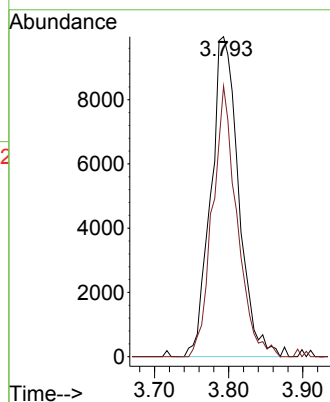
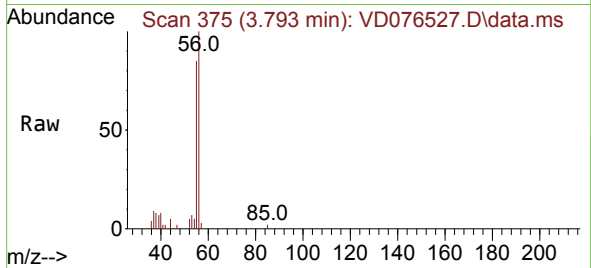




#13
Acrolein
Concen: 265.264 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

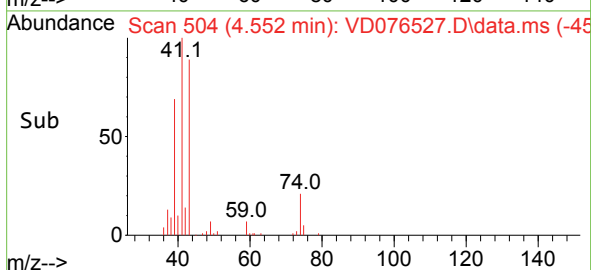
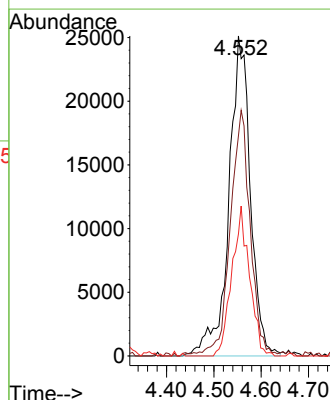
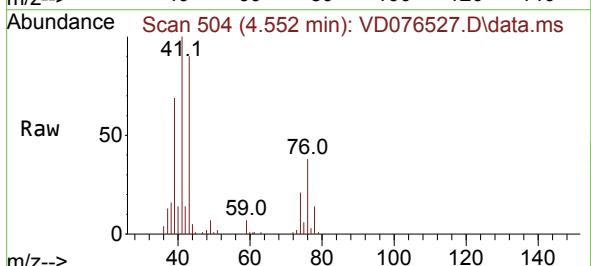
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

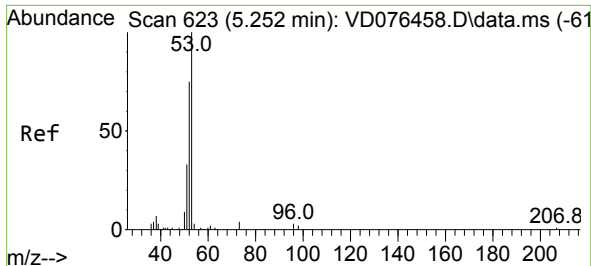
Tgt Ion: 56 Resp: 25943
Ion Ratio Lower Upper
56 100
55 74.5 55.1 82.7



#14
Allyl chloride
Concen: 45.216 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 41 Resp: 79422
Ion Ratio Lower Upper
41 100
39 68.4 53.8 80.6
76 38.6 45.8 68.8#

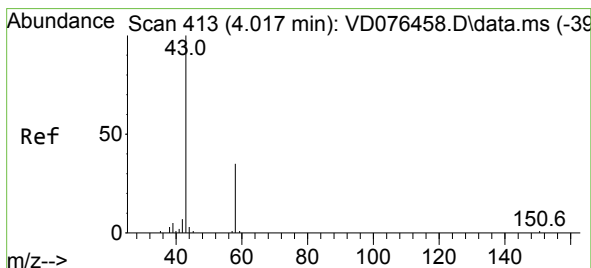
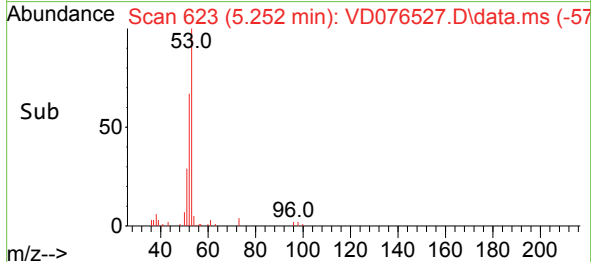
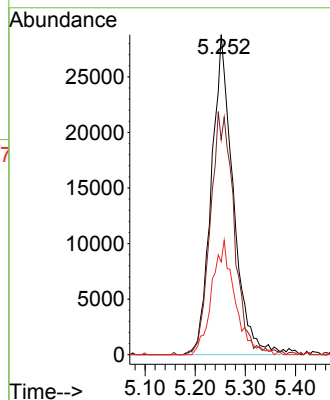
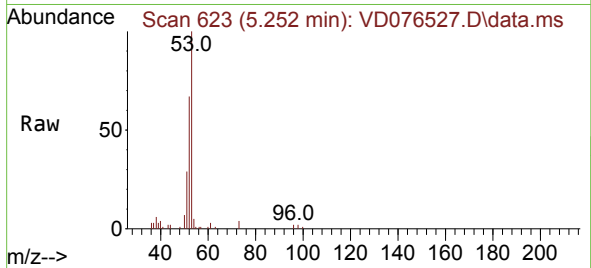




#15
Acrylonitrile
Concen: 295.518 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

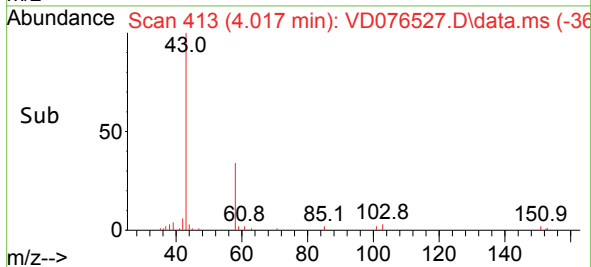
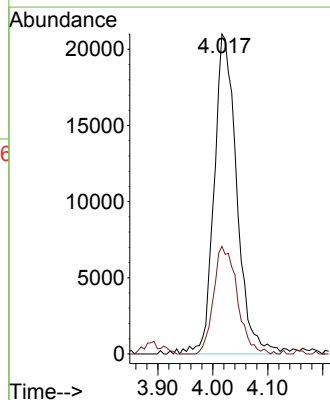
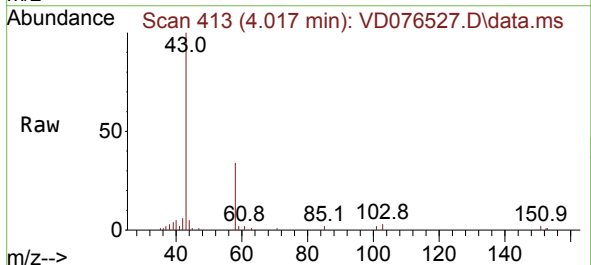
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

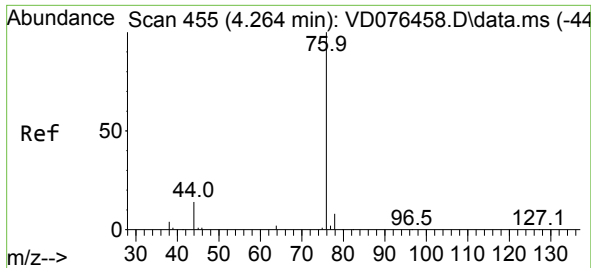
Tgt Ion: 53 Resp: 87087
Ion Ratio Lower Upper
53 100
52 82.2 65.0 97.4
51 37.8 28.3 42.5



#16
Acetone
Concen: 240.062 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 43 Resp: 60076
Ion Ratio Lower Upper
43 100
58 33.6 34.7 52.1#

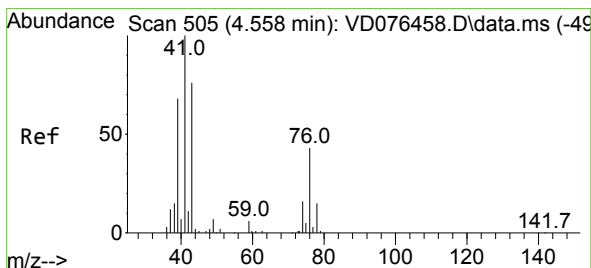
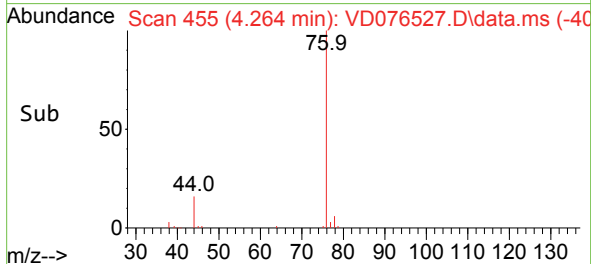
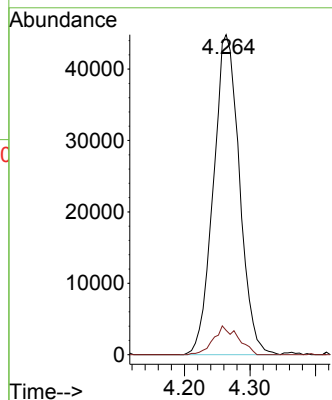
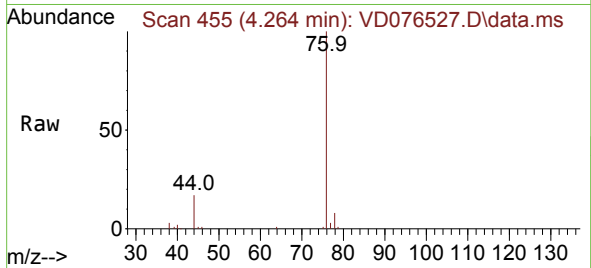




#17
Carbon Disulfide
Concen: 47.018 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

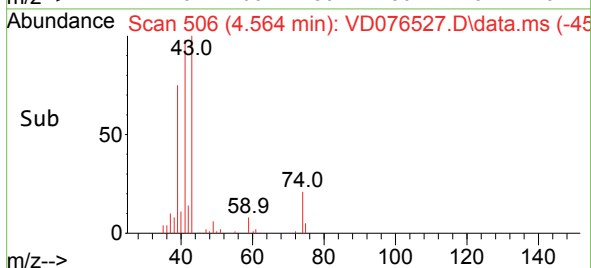
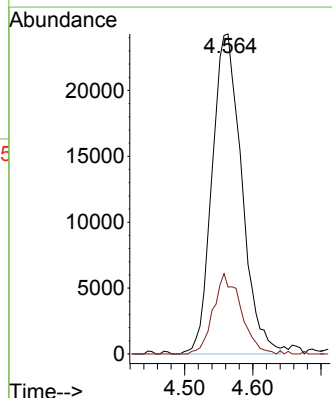
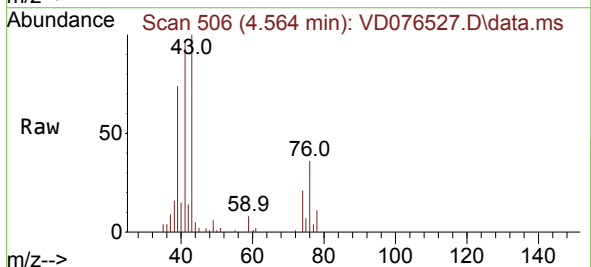
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

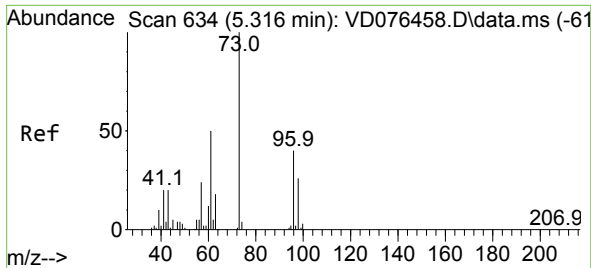
Tgt Ion: 76 Resp: 123388
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 63.714 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 43 Resp: 73480
Ion Ratio Lower Upper
43 100
74 23.4 26.4 39.6#

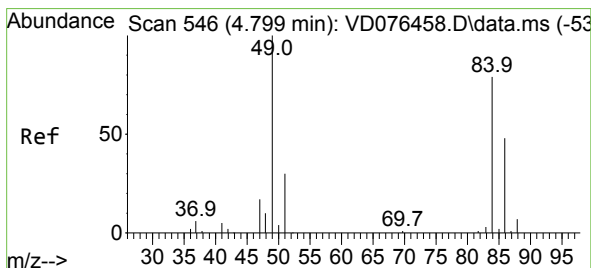
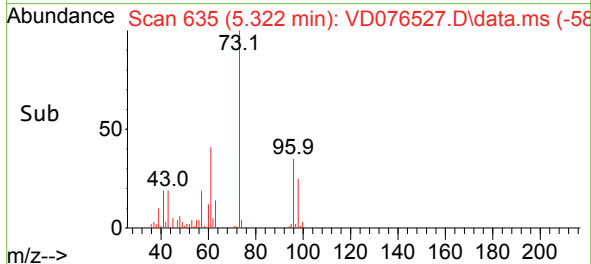
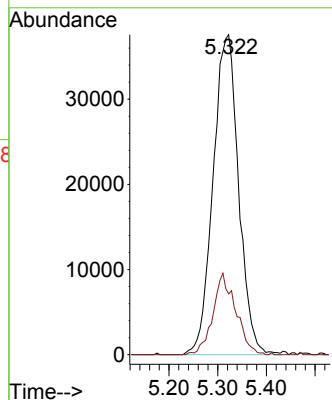
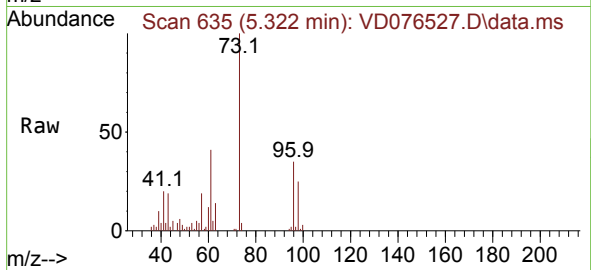




#19
Methyl tert-butyl Ether
Concen: 52.083 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

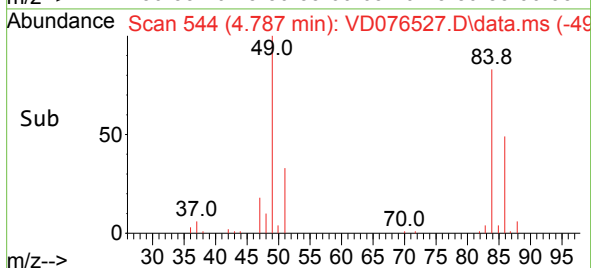
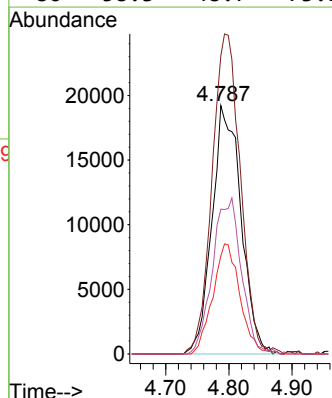
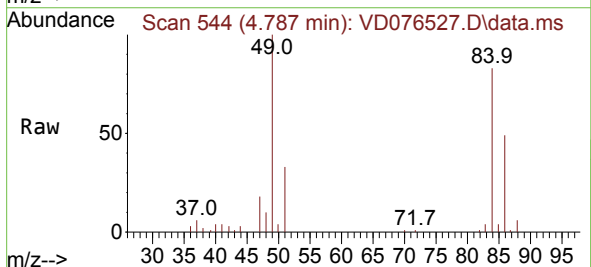
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

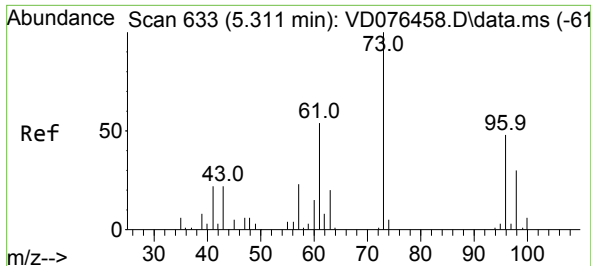
Tgt Ion: 73 Resp: 136833
Ion Ratio Lower Upper
73 100
57 19.0 16.6 25.0



#20
Methylene Chloride
Concen: 42.401 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 84 Resp: 61132
Ion Ratio Lower Upper
84 100
49 120.1 71.4 107.2#
51 39.4 24.5 36.7#
86 58.3 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 48.623 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

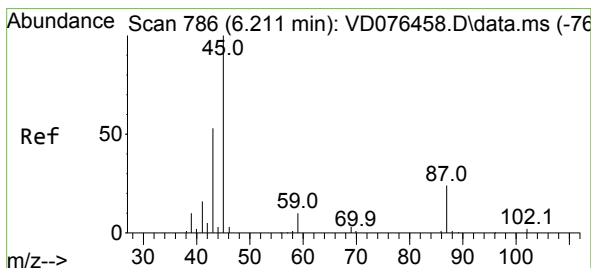
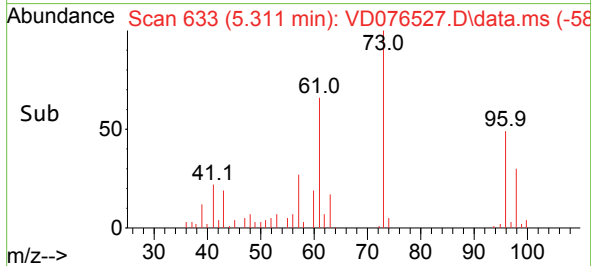
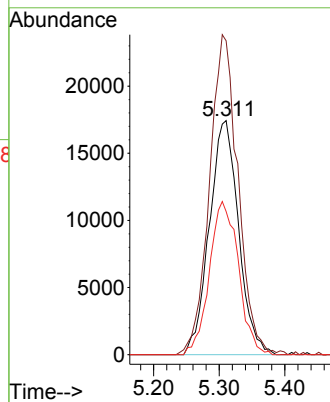
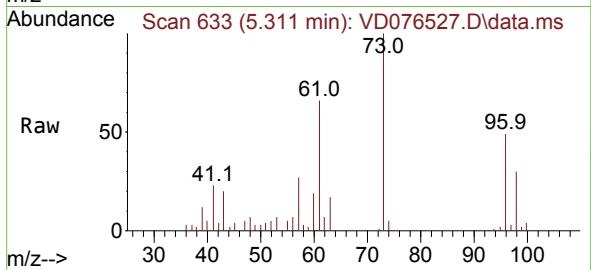
Tgt Ion: 96 Resp: 53977

Ion Ratio Lower Upper

96 100

61 133.0 89.3 133.9

98 61.2 48.6 73.0



#22

Diisopropyl ether

Concen: 48.000 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.006 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Tgt Ion: 45 Resp: 182308

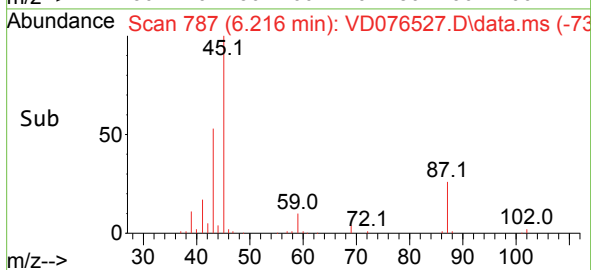
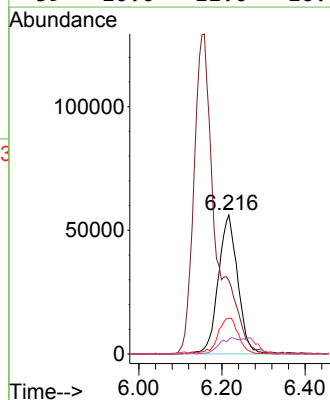
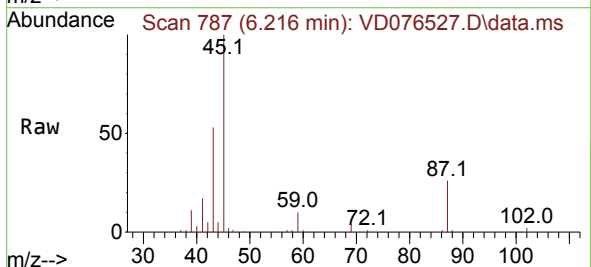
Ion Ratio Lower Upper

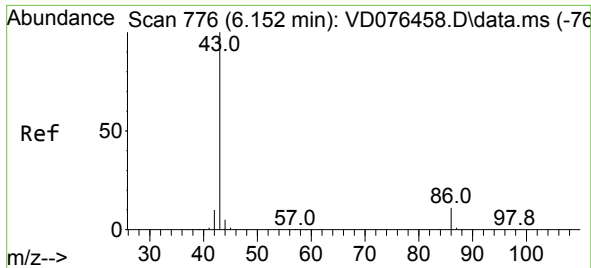
45 100

43 51.9 40.0 60.0

87 25.6 28.2 42.4#

59 10.0 11.0 16.4#

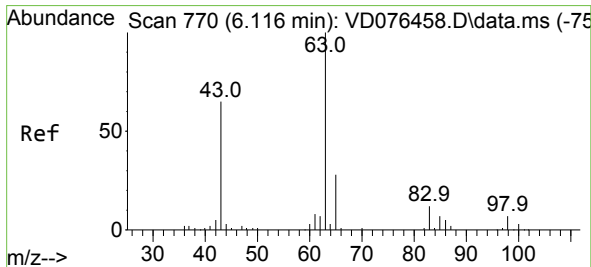
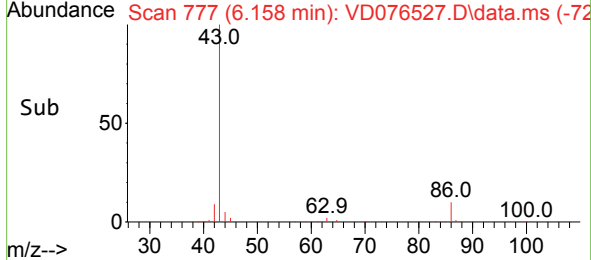
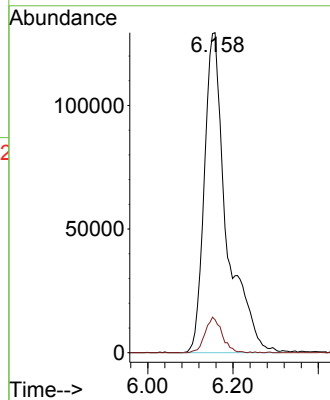
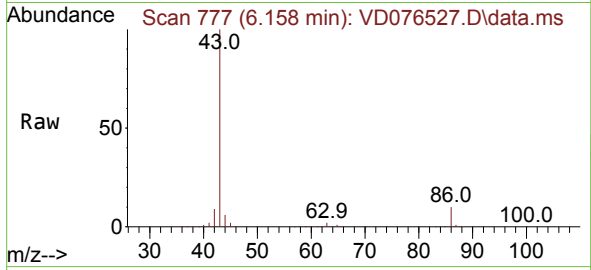




#23
 Vinyl Acetate
 Concen: 249.800 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

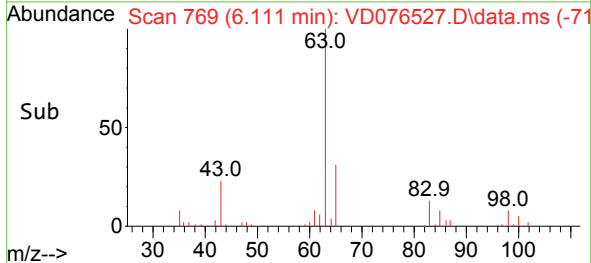
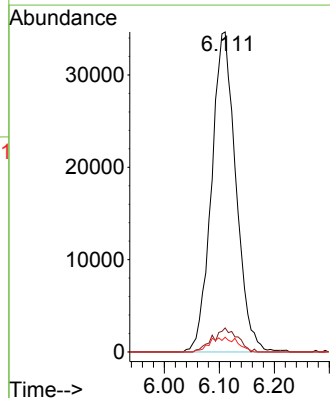
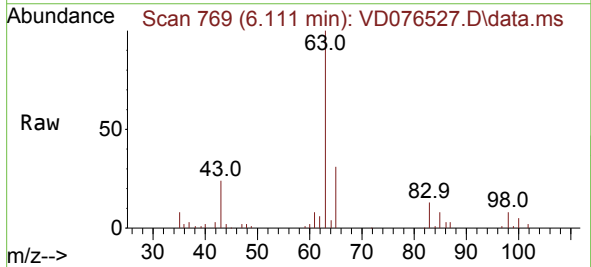
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

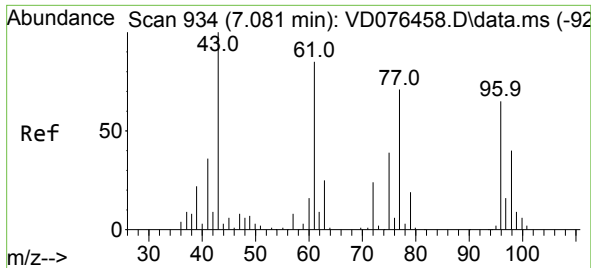
Tgt Ion: 43 Resp: 470277
 Ion Ratio Lower Upper
 43 100
 86 10.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 50.302 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

Tgt Ion: 63 Resp: 106686
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 4.6 2.5 7.5

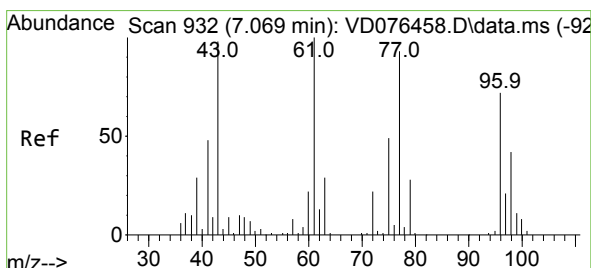
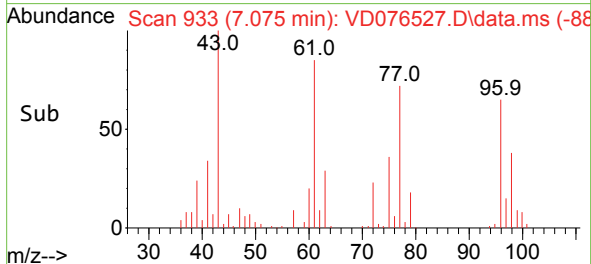
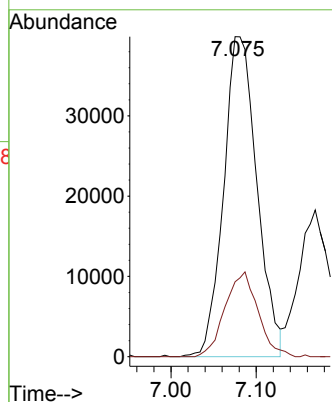
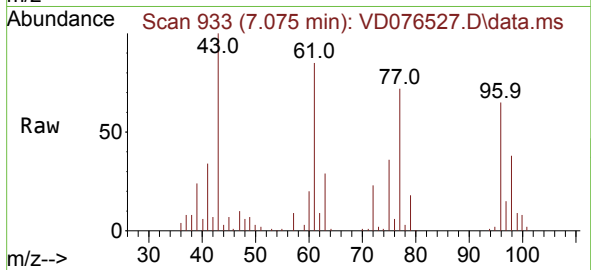




#25
2-Butanone
Concen: 280.395 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

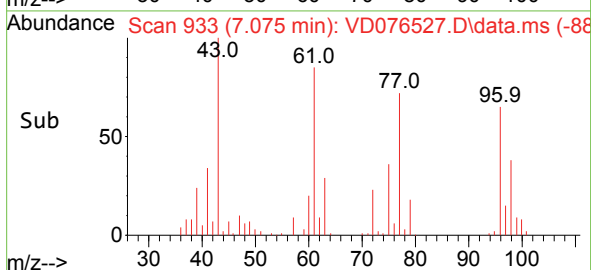
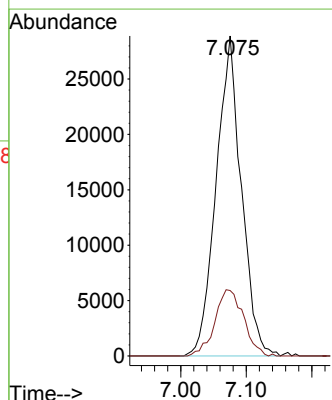
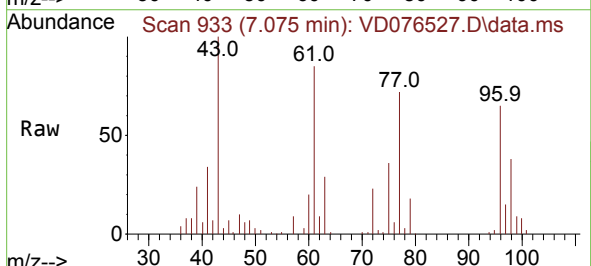
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

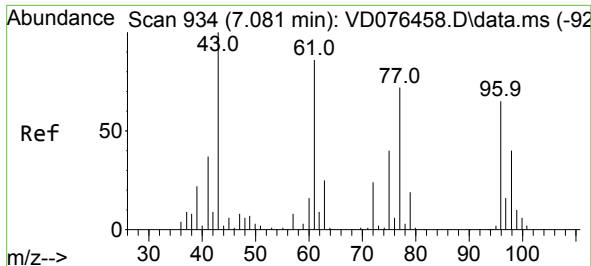
Tgt Ion: 43 Resp: 108531
Ion Ratio Lower Upper
43 100
72 23.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 42.104 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 77 Resp: 76990
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6



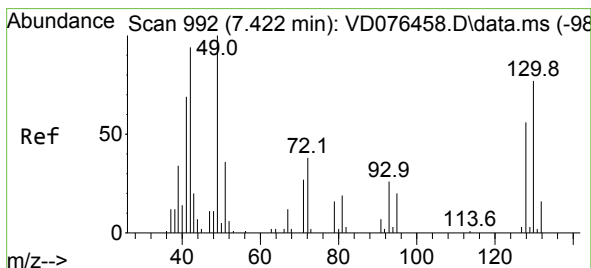
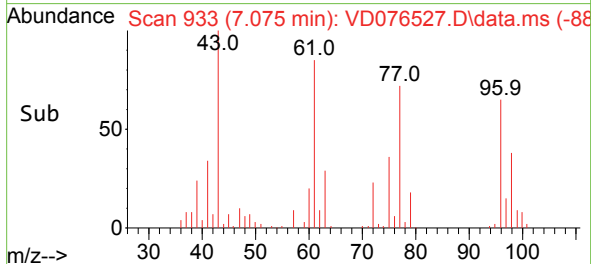
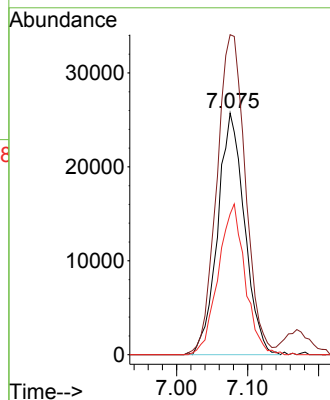
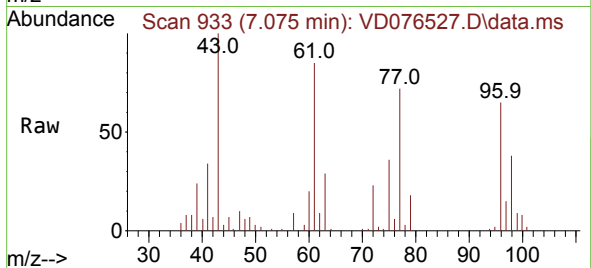


#27
 cis-1,2-Dichloroethene
 Concen: 50.245 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 67505

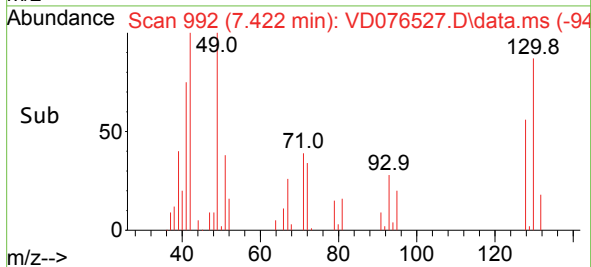
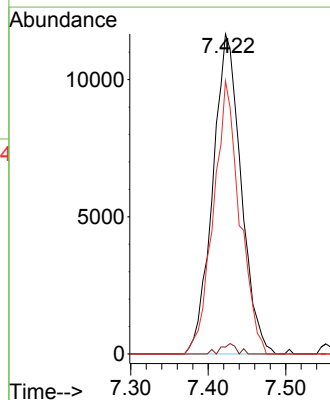
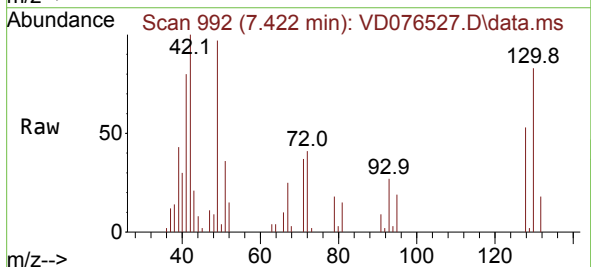
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	239.2
98	62.3	0.0	128.6

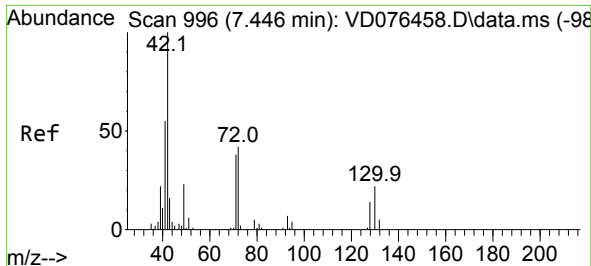


#28
 Bromochloromethane
 Concen: 48.384 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

Tgt Ion: 49 Resp: 29604

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	6.0
130	79.3	83.2	124.8





#29

Tetrahydrofuran

Concen: 291.236 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

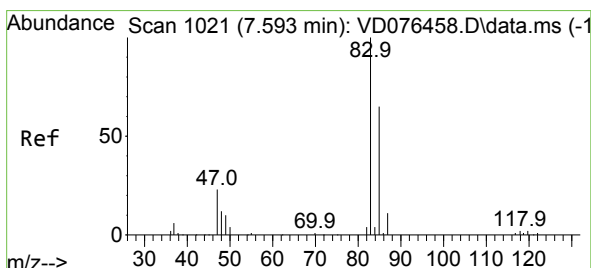
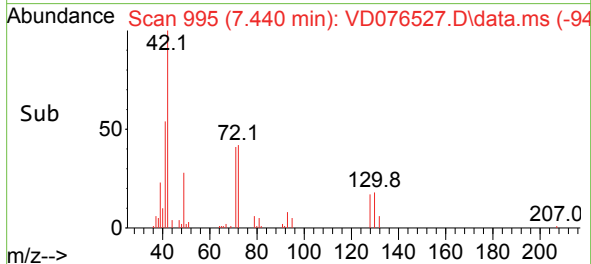
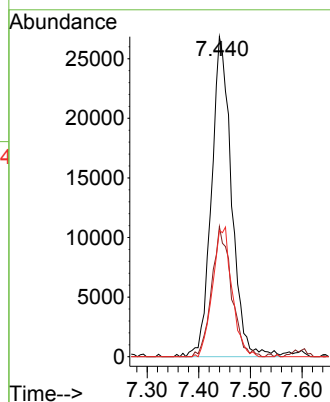
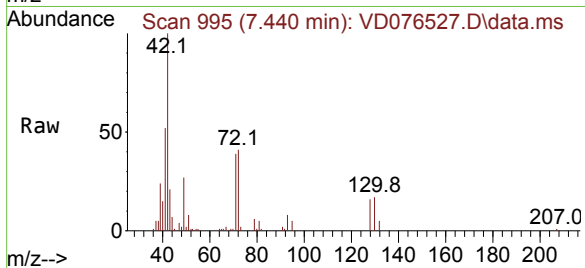
Tgt Ion: 42 Resp: 72444

Ion Ratio Lower Upper

42 100

72 39.7 46.5 69.7#

71 39.1 44.5 66.7#



#30

Chloroform

Concen: 51.652 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076527.D

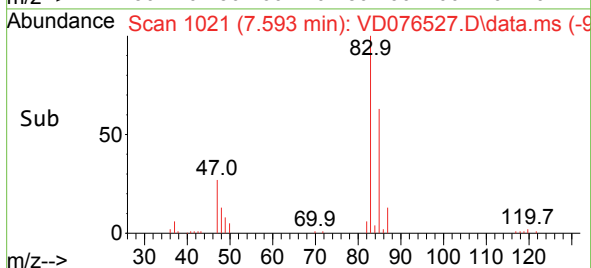
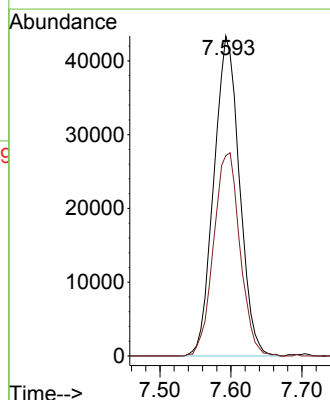
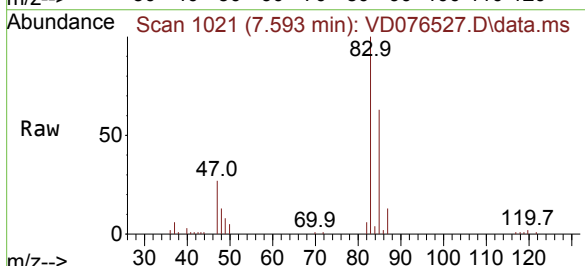
Acq: 21 Jun 2023 22:22

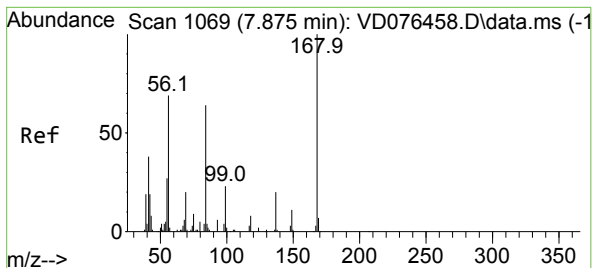
Tgt Ion: 83 Resp: 108471

Ion Ratio Lower Upper

83 100

85 62.6 53.4 80.2





#31

Cyclohexane

Concen: 47.823 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

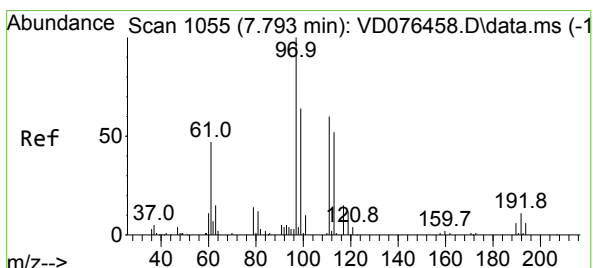
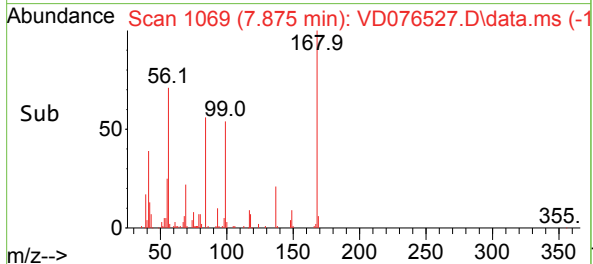
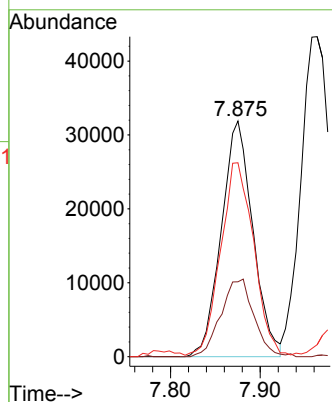
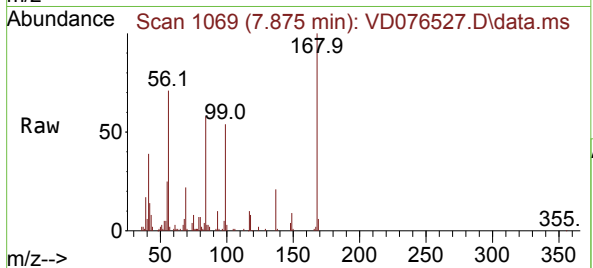
Tgt Ion: 56 Resp: 77986

Ion Ratio Lower Upper

56 100

69 31.8 28.6 43.0

84 80.7 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 51.153 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

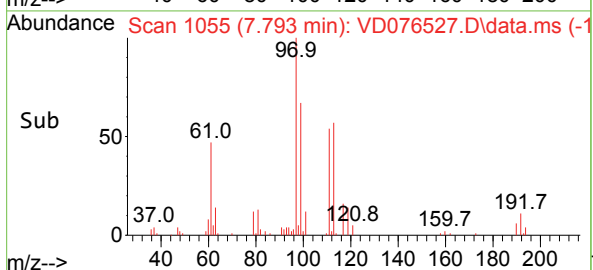
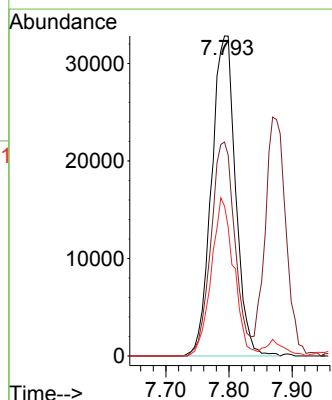
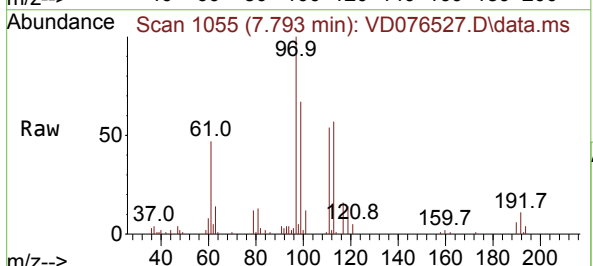
Tgt Ion: 97 Resp: 86836

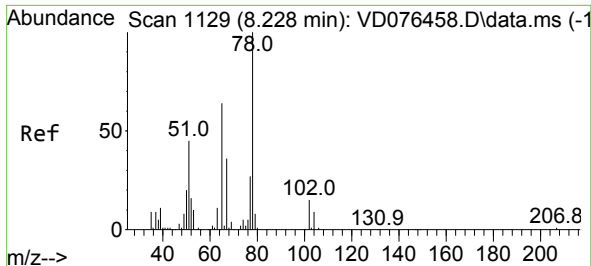
Ion Ratio Lower Upper

97 100

99 66.6 52.0 78.0

61 46.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.909 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

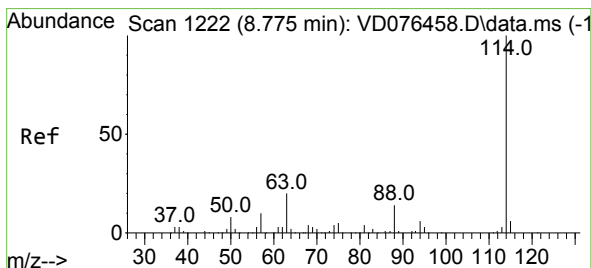
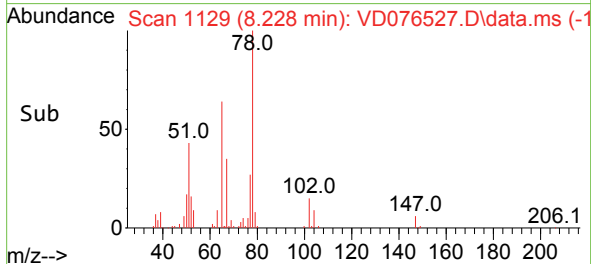
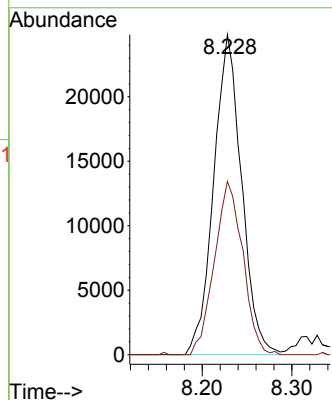
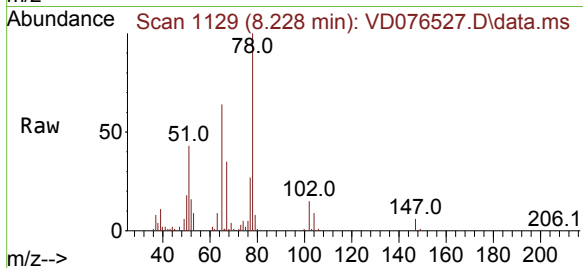
VSTDCCC050EC

Tgt Ion: 65 Resp: 53538

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

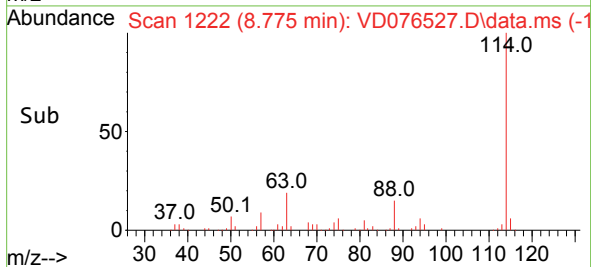
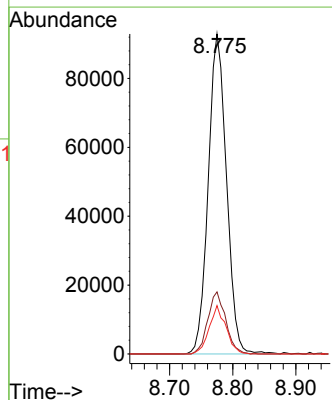
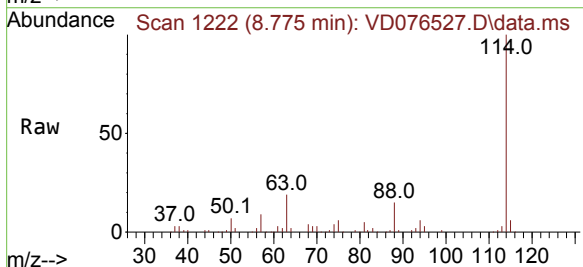
Tgt Ion: 114 Resp: 186501

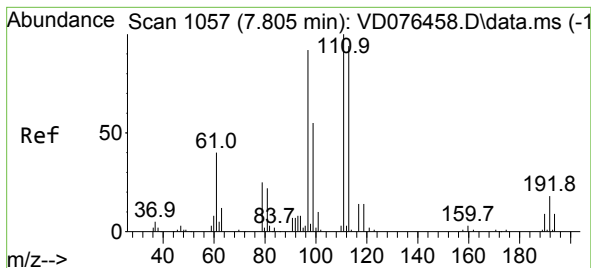
Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

88 15.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.721 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

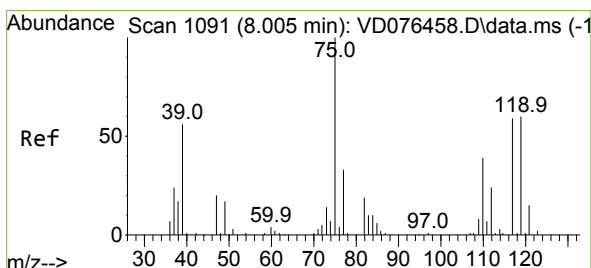
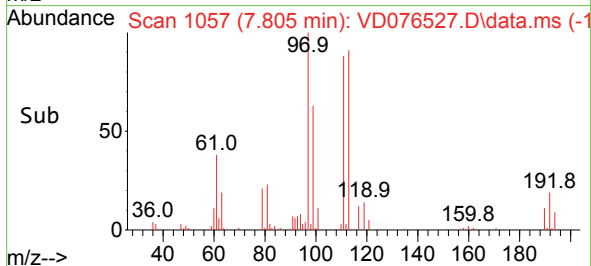
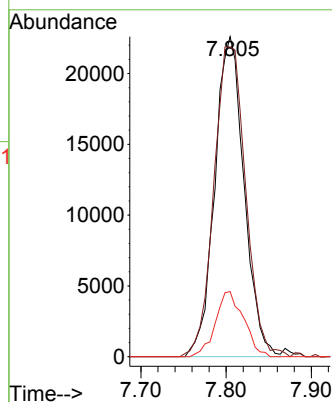
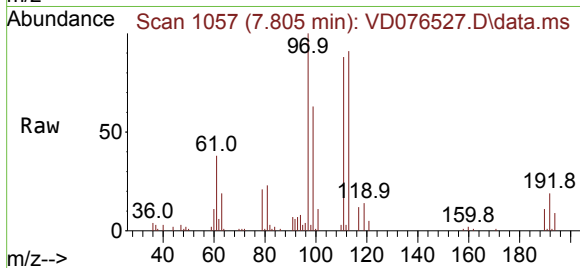
Tgt Ion:113 Resp: 53980

Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

192 19.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 48.081 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

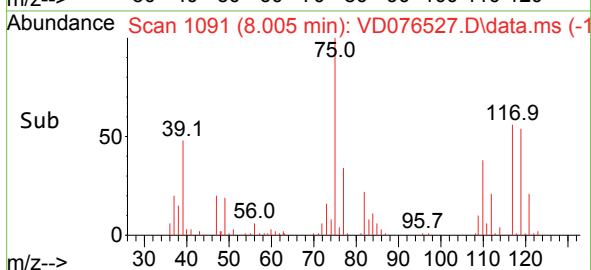
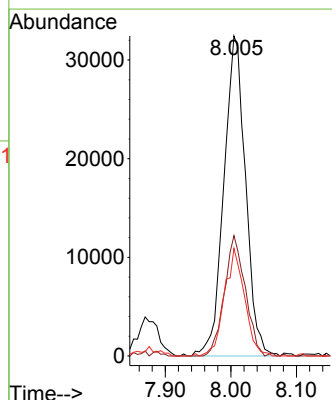
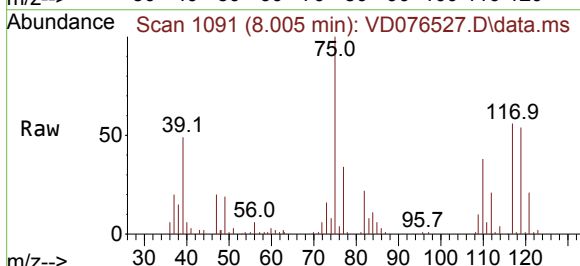
Tgt Ion: 75 Resp: 74599

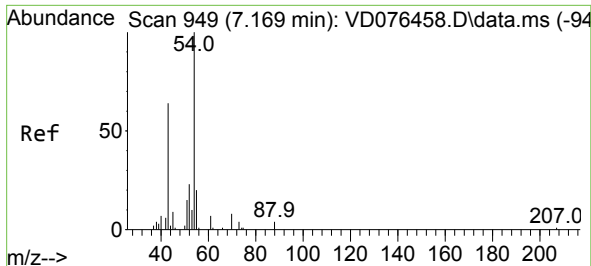
Ion Ratio Lower Upper

75 100

110 36.1 19.9 59.6

77 31.3 24.7 37.1

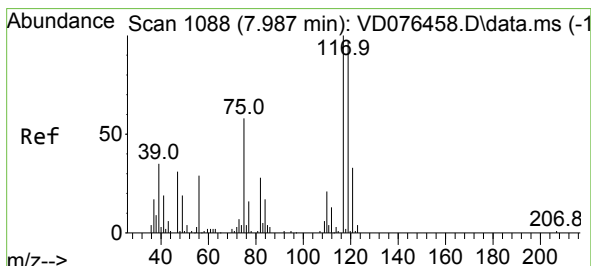
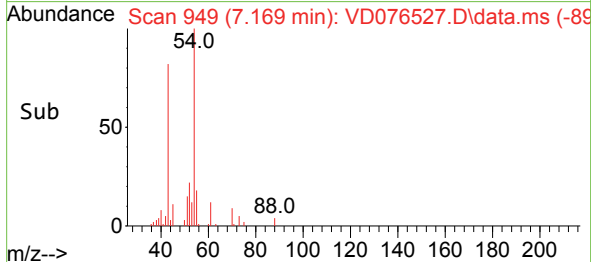
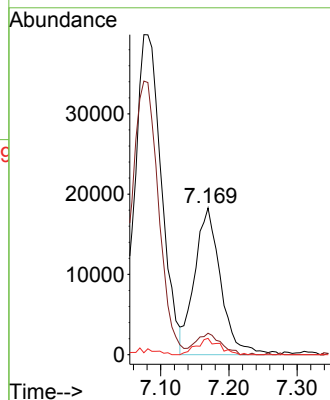
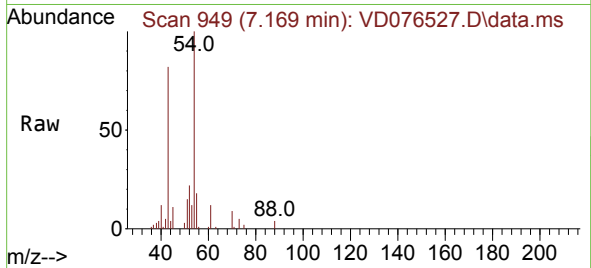




#37
Ethyl Acetate
Concen: 54.154 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

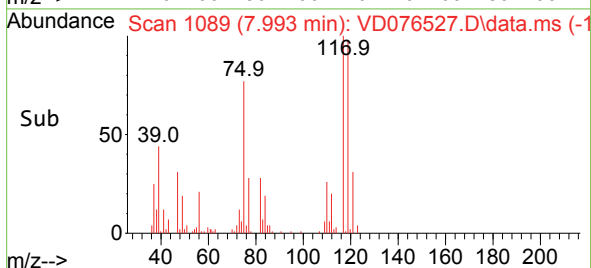
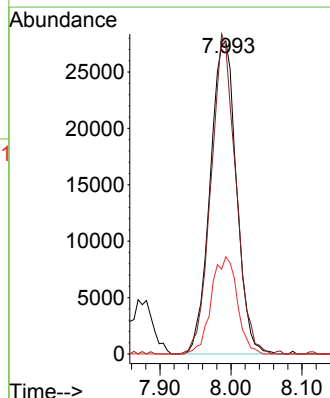
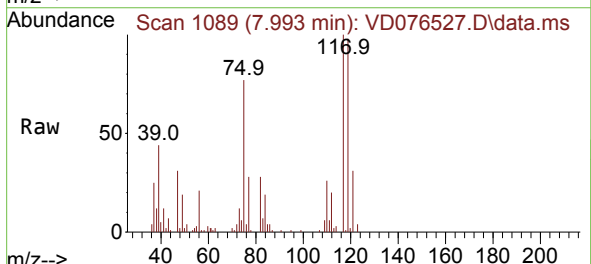
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

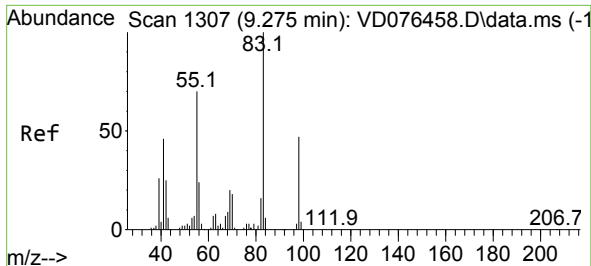
Tgt Ion: 43 Resp: 48688
Ion Ratio Lower Upper
43 100
61 14.2 14.9 22.3#
70 9.8 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 51.300 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 117 Resp: 71140
Ion Ratio Lower Upper
117 100
119 98.2 78.0 117.0
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 45.409 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

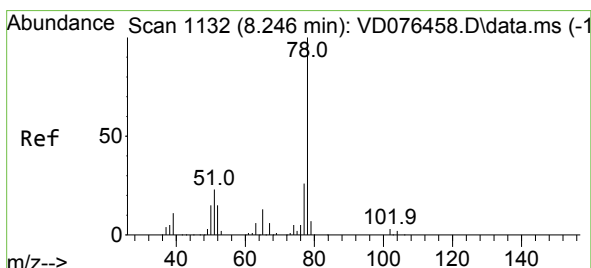
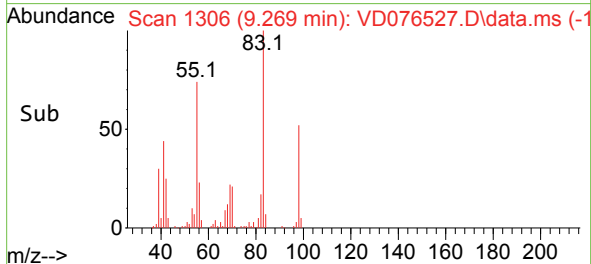
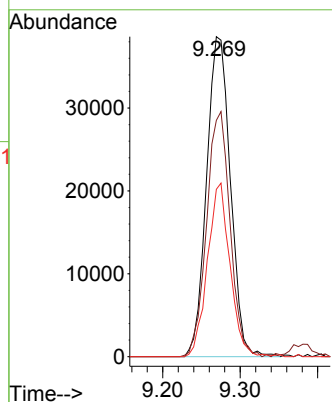
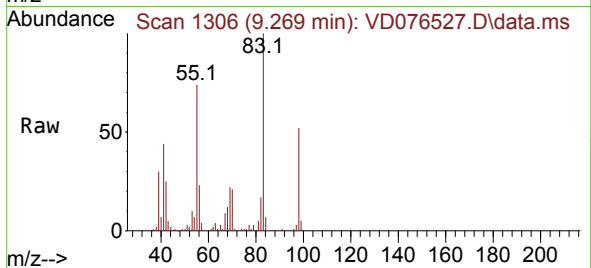
Tgt Ion: 83 Resp: 82679

Ion Ratio Lower Upper

83 100

55 73.8 49.4 74.0

98 52.3 38.4 57.6



#40

Benzene

Concen: 47.942 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076527.D

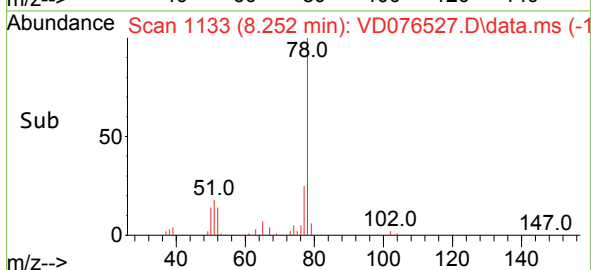
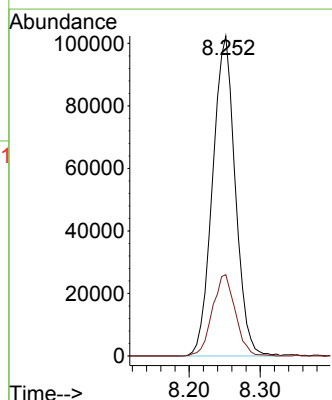
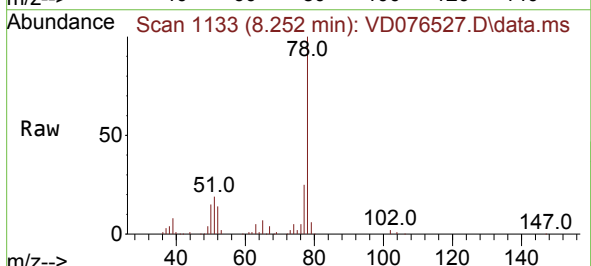
Acq: 21 Jun 2023 22:22

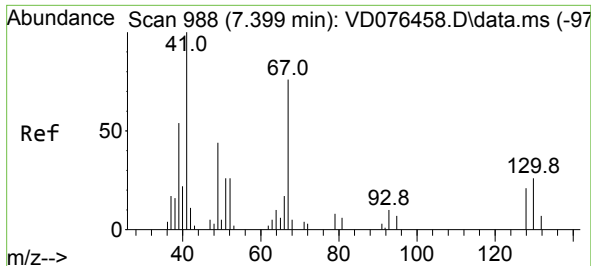
Tgt Ion: 78 Resp: 226835

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0



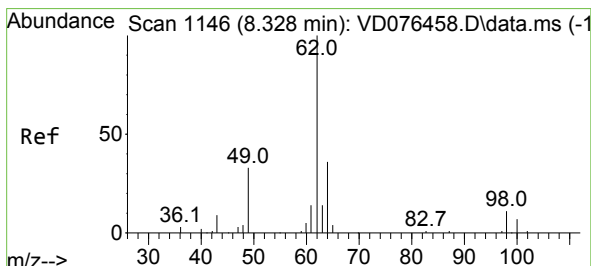
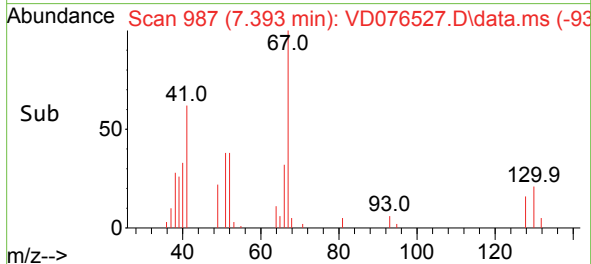
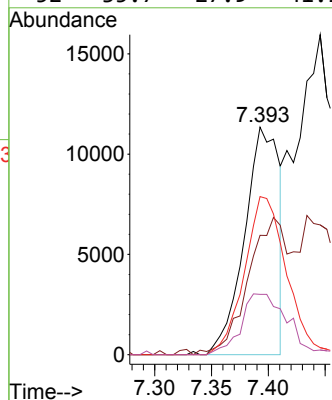
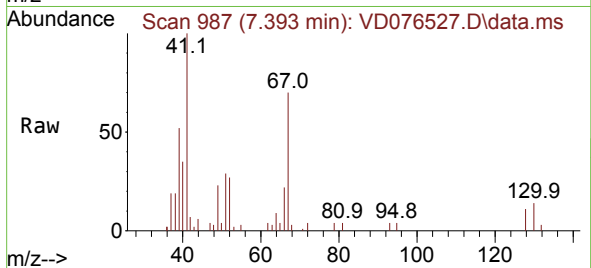


#41
Methacrylonitrile
Concen: 47.539 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 24135

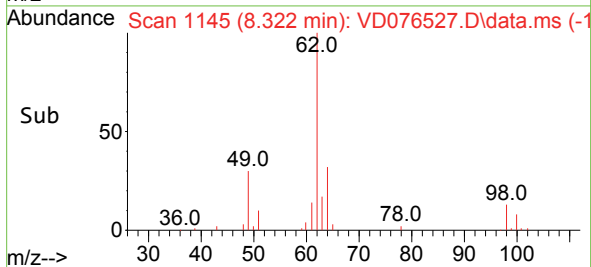
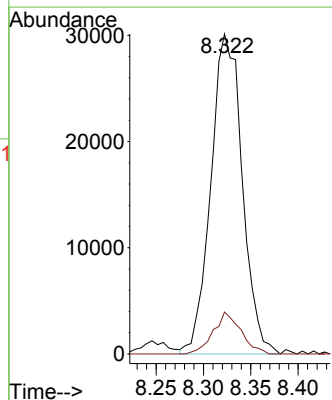
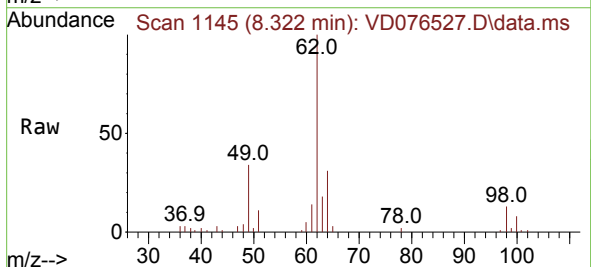
Ion	Ratio	Lower	Upper
41	100		
39	79.9	34.0	51.0#
67	83.9	77.0	115.4
52	35.7	27.9	41.9

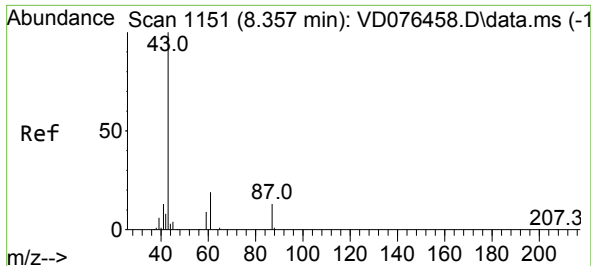


#42
1,2-Dichloroethane
Concen: 54.308 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 62 Resp: 69431

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	25.4

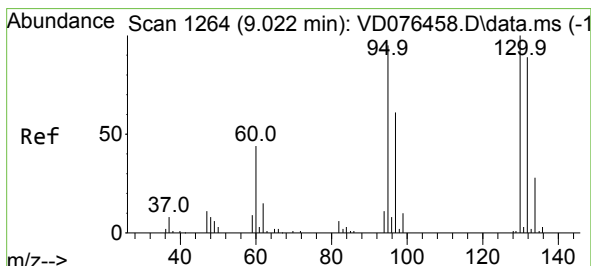
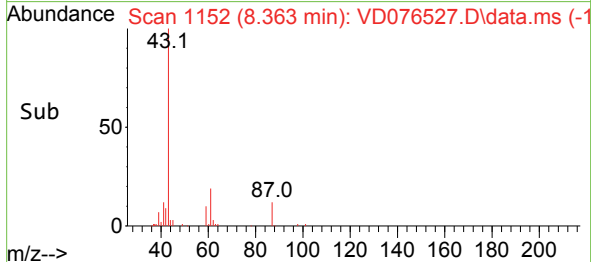
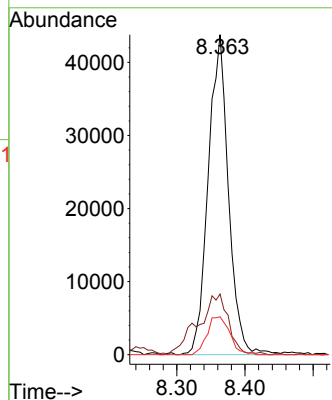
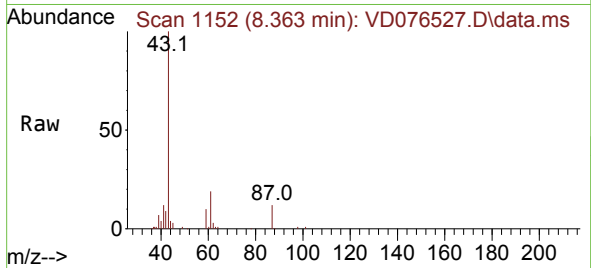




#43
Isopropyl Acetate
Concen: 53.173 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

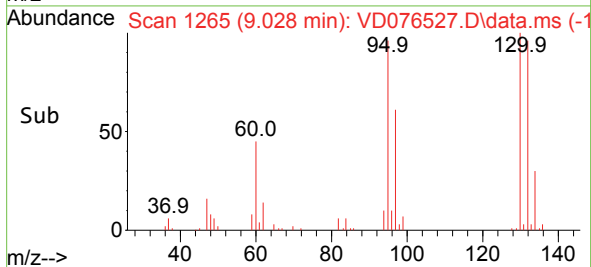
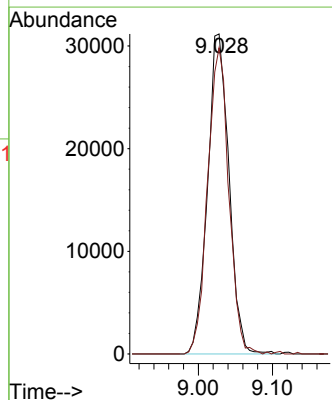
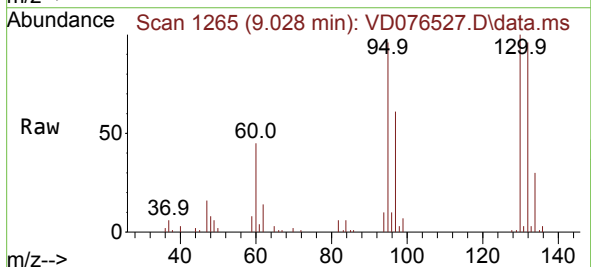
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

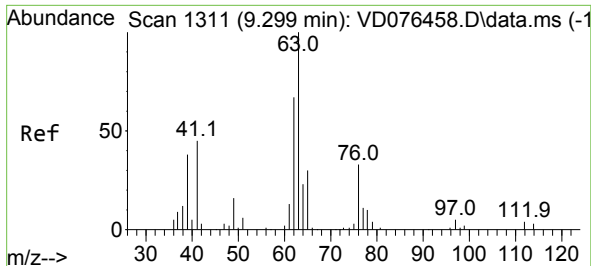
Tgt Ion: 43 Resp: 90506
Ion Ratio Lower Upper
43 100
61 19.3 31.4 47.0#
87 13.3 14.9 22.3#



#44
Trichloroethene
Concen: 49.170 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion:130 Resp: 62758
Ion Ratio Lower Upper
130 100
95 95.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.656 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

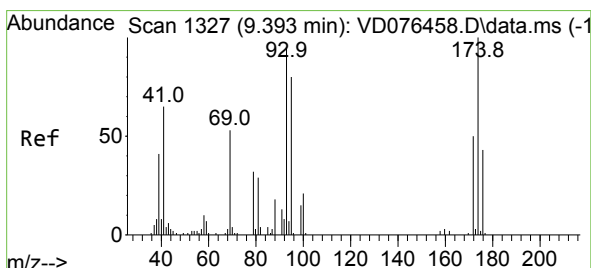
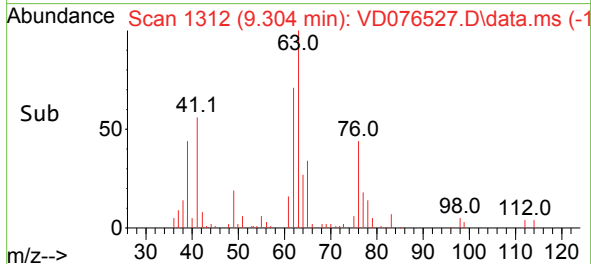
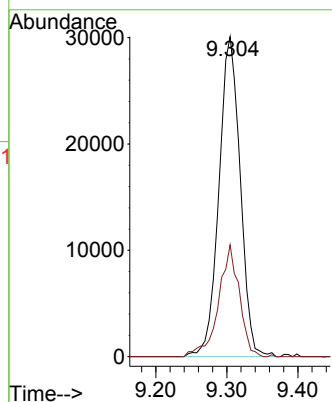
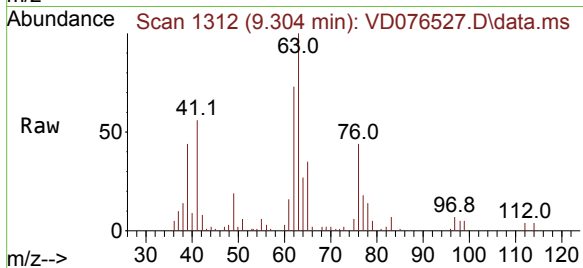
VSTDCCC050EC

Tgt Ion: 63 Resp: 62419

Ion Ratio Lower Upper

63 100

65 34.9 24.5 36.7



#46

Dibromomethane

Concen: 53.755 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

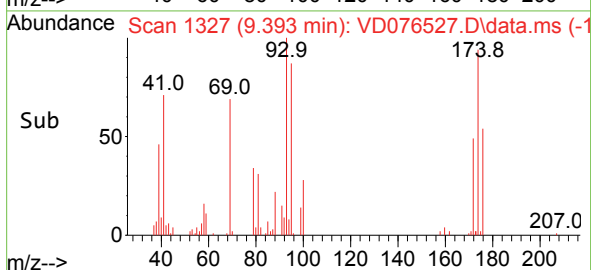
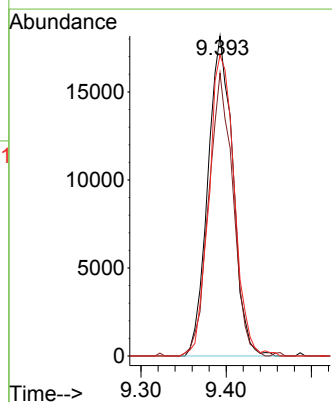
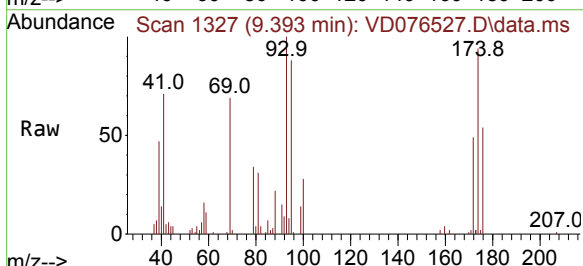
Tgt Ion: 93 Resp: 36942

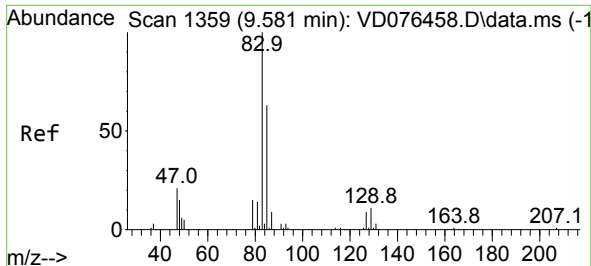
Ion Ratio Lower Upper

93 100

95 85.9 67.7 101.5

174 95.9 85.4 128.2

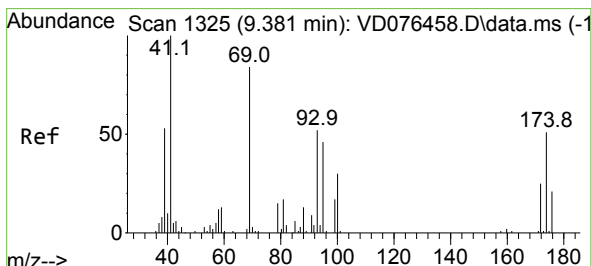
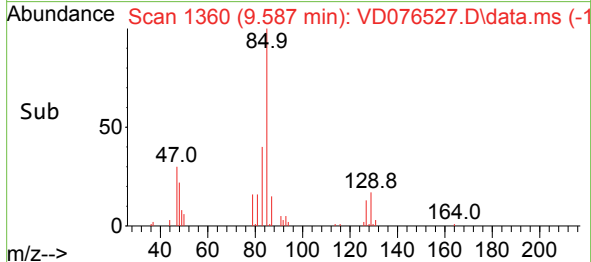
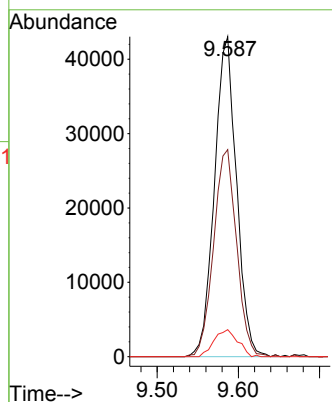
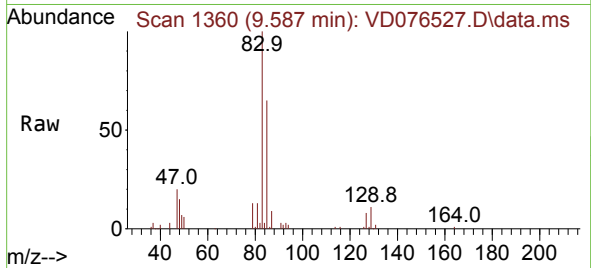




#47
Bromodichloromethane
Concen: 49.407 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

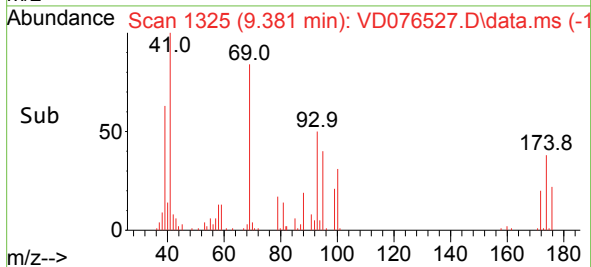
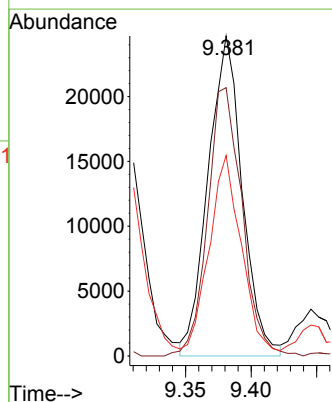
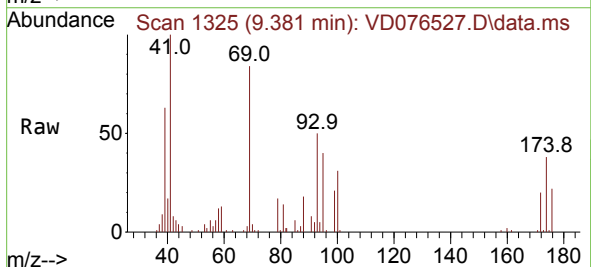
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

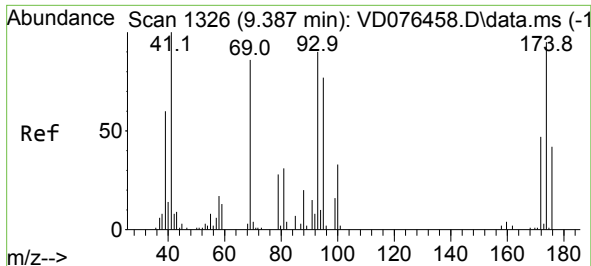
Tgt Ion: 83 Resp: 81252
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 57.281 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 41 Resp: 44687
Ion Ratio Lower Upper
41 100
69 84.2 102.2 153.2#
39 59.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1256.387 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

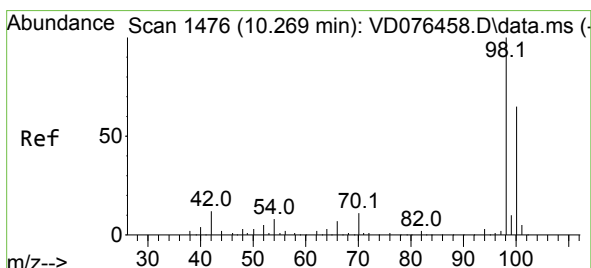
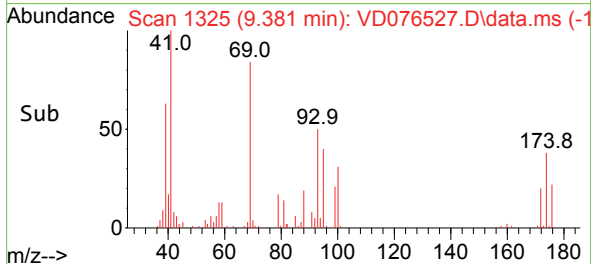
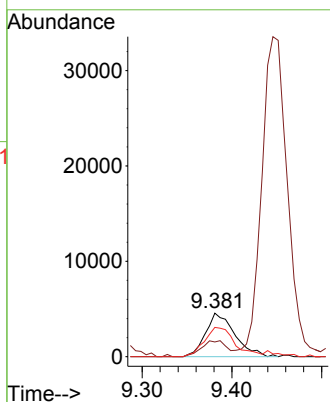
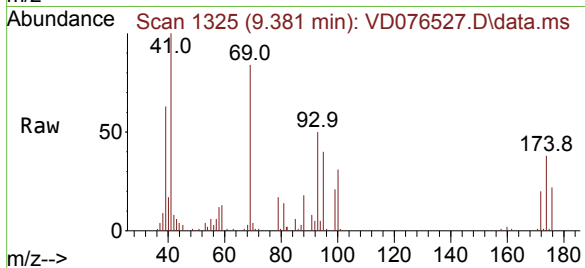
Tgt Ion: 88 Resp: 10345

Ion Ratio Lower Upper

88 100

43 30.9 19.0 28.6#

58 69.8 43.5 65.3#



#50

Toluene-d8

Concen: 46.380 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076527.D

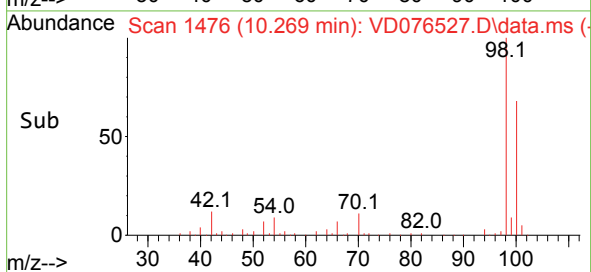
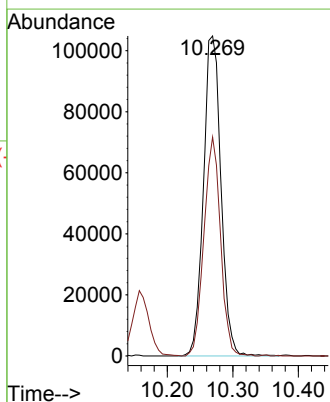
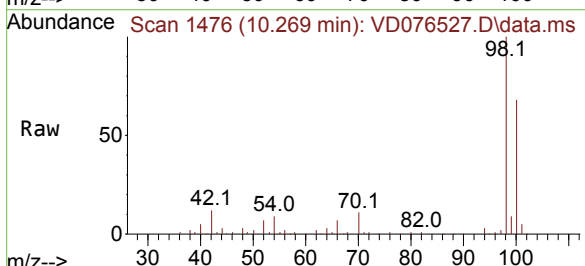
Acq: 21 Jun 2023 22:22

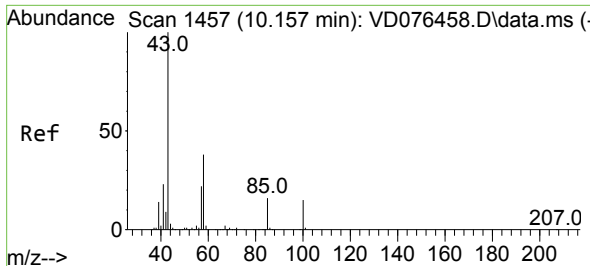
Tgt Ion: 98 Resp: 194881

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

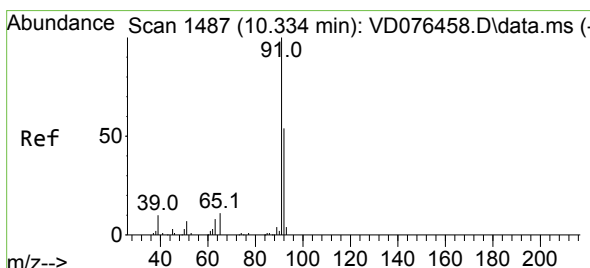
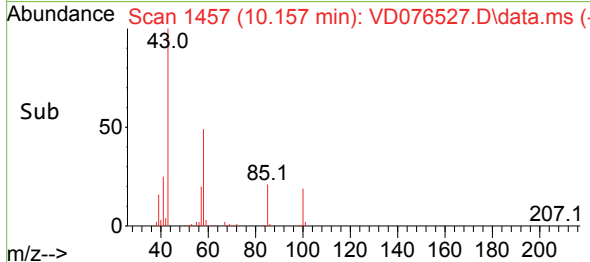
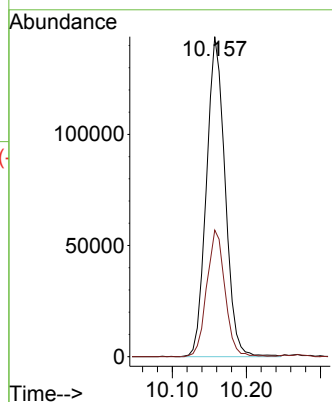
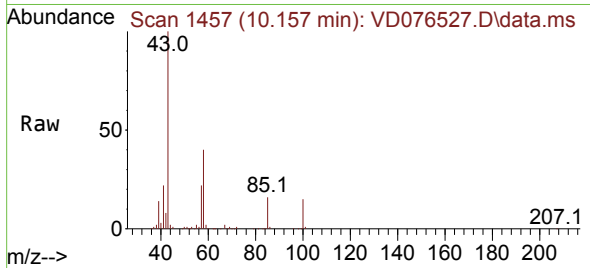




#51
4-Methyl-2-Pentanone
Concen: 289.343 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

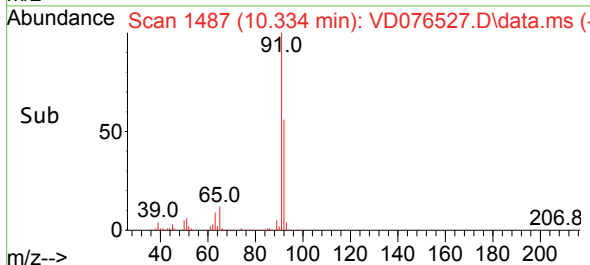
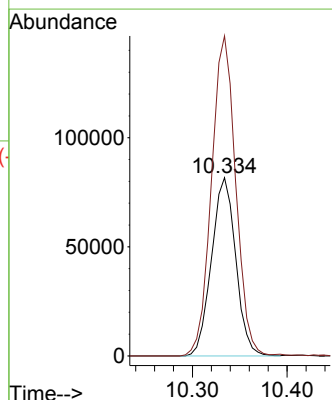
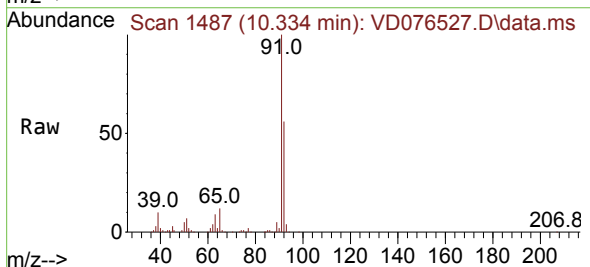
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

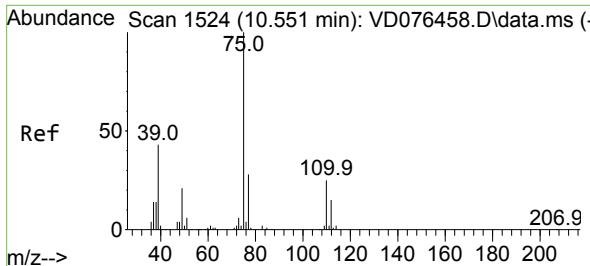
Tgt Ion: 43 Resp: 251749
Ion Ratio Lower Upper
43 100
58 38.7 38.9 58.3#



#52
Toluene
Concen: 48.860 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 92 Resp: 145069
Ion Ratio Lower Upper
92 100
91 180.3 143.0 214.4

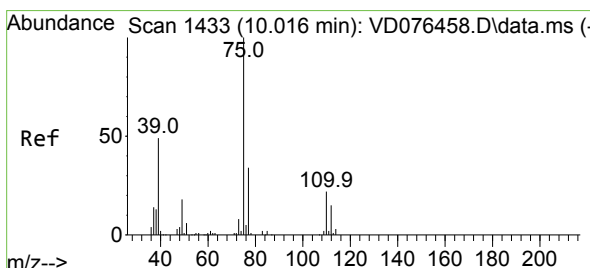
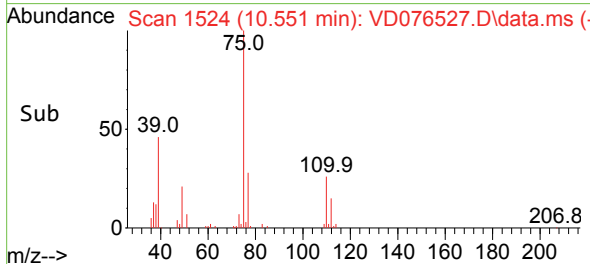
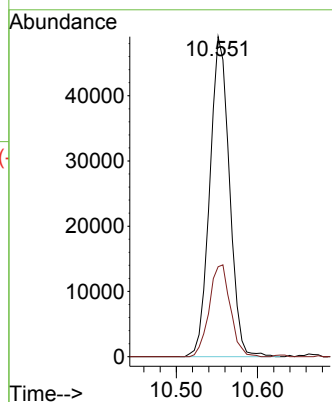
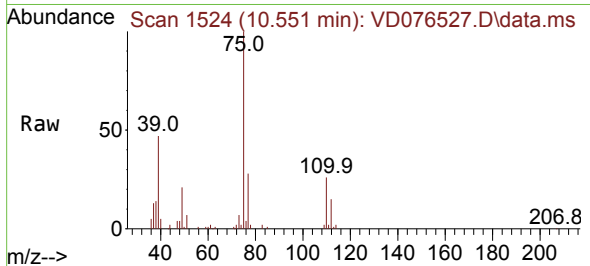




#53
t-1,3-Dichloropropene
Concen: 49.379 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

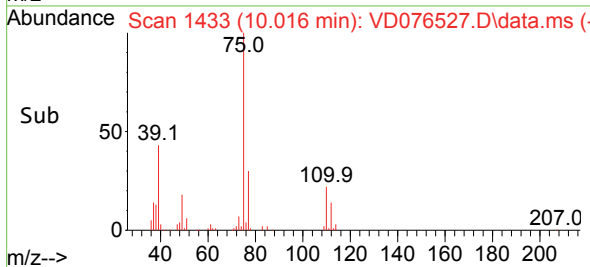
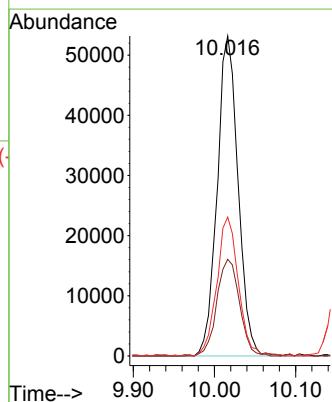
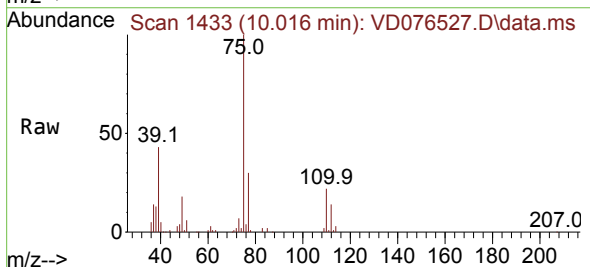
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

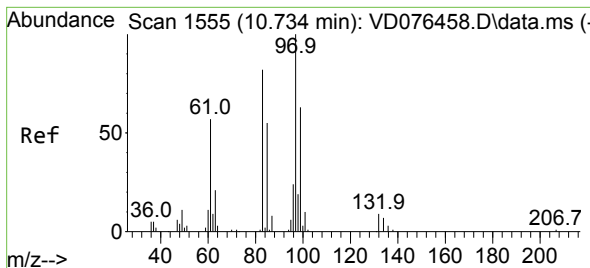
Tgt Ion: 75 Resp: 82403
Ion Ratio Lower Upper
75 100
77 28.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.170 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 75 Resp: 95304
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 43.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 53.690 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 51611

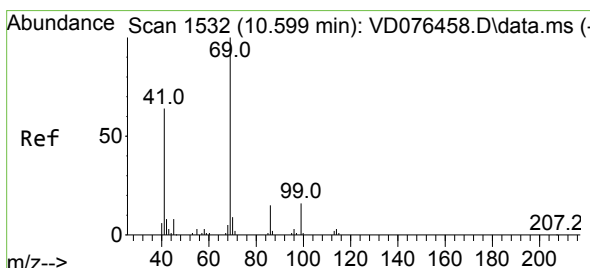
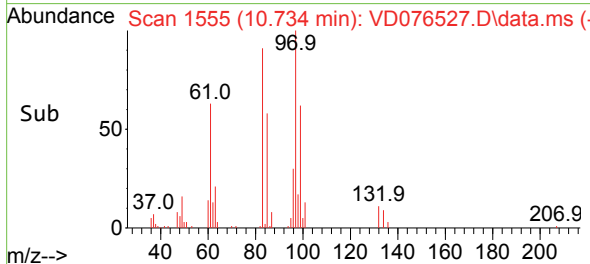
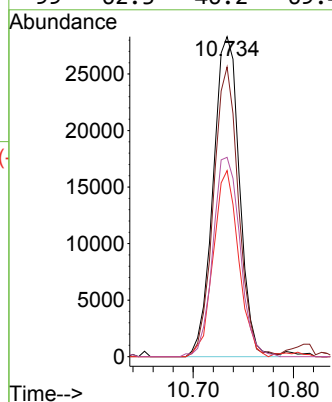
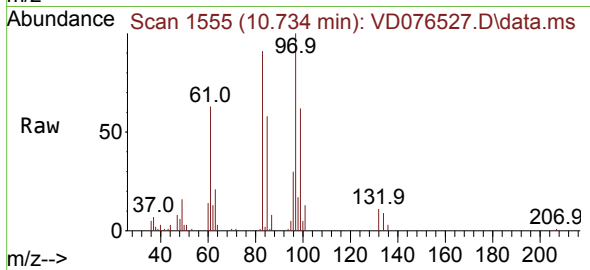
Ion Ratio Lower Upper

97 100

83 90.5 65.8 98.6

85 58.2 45.7 68.5

99 62.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 55.081 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

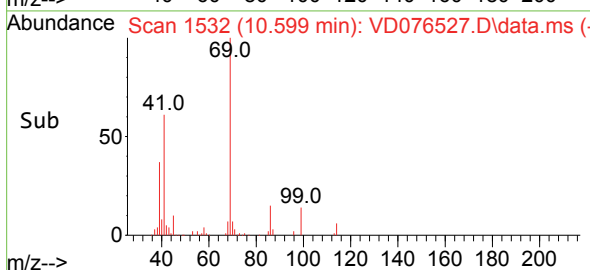
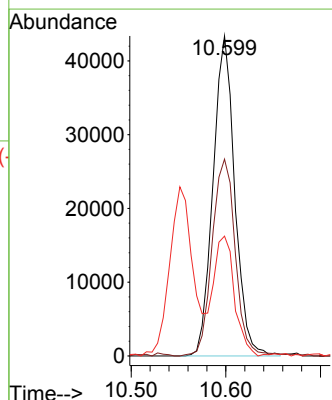
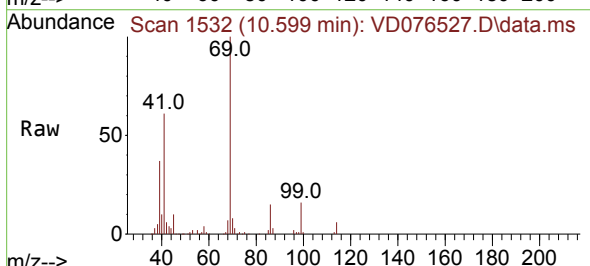
Tgt Ion: 69 Resp: 69135

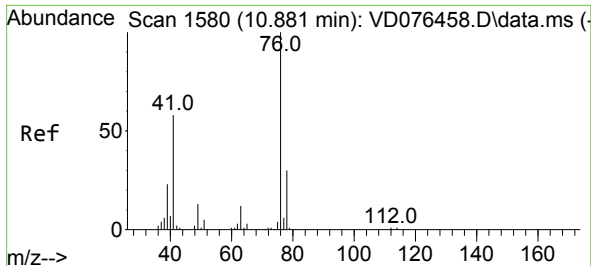
Ion Ratio Lower Upper

69 100

41 66.1 39.1 58.7#

39 37.0 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 52.489 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

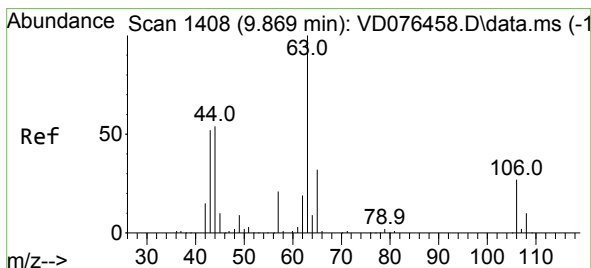
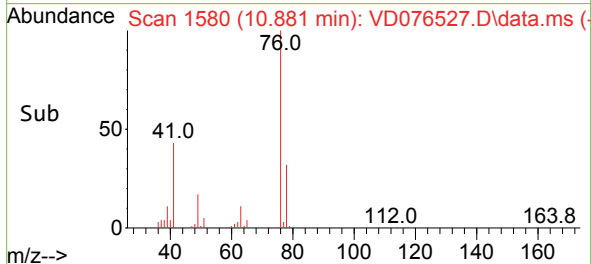
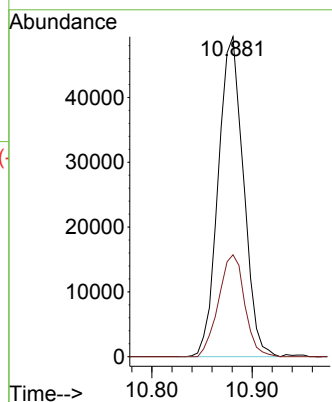
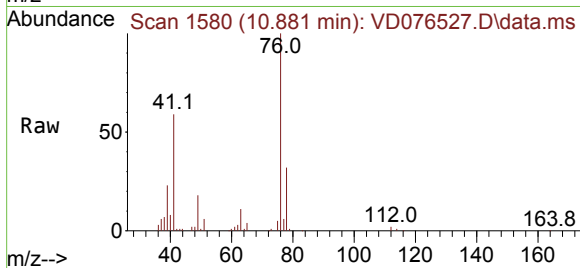
VSTDCCC050EC

Tgt Ion: 76 Resp: 86388

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.349 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076527.D

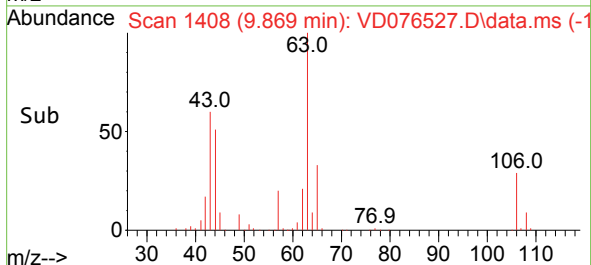
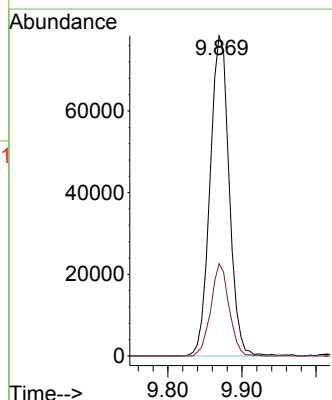
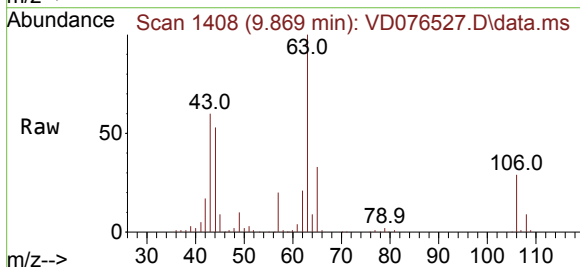
Acq: 21 Jun 2023 22:22

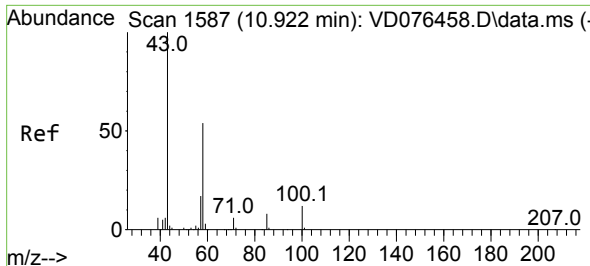
Tgt Ion: 63 Resp: 140669

Ion Ratio Lower Upper

63 100

106 27.4 25.3 37.9

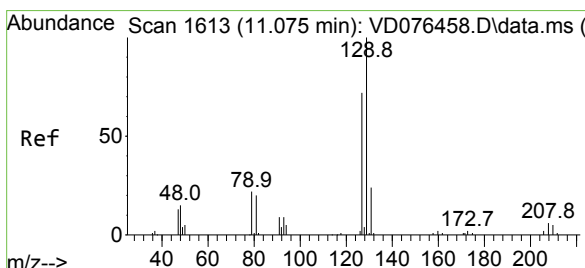
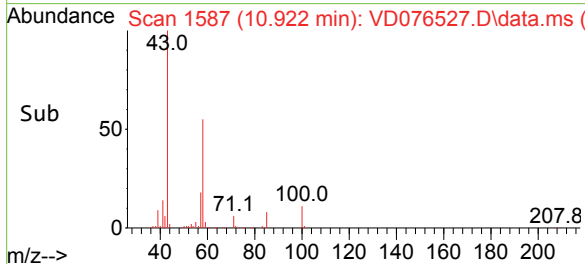
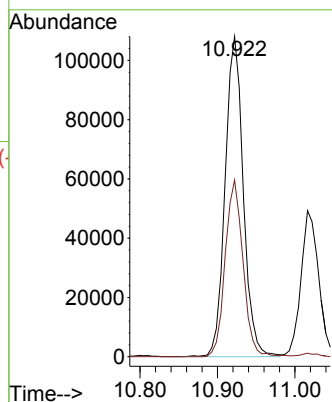
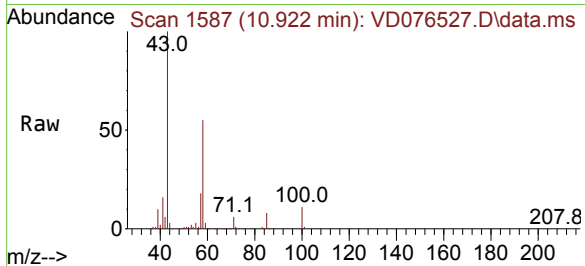




#59
2-Hexanone
Concen: 291.125 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

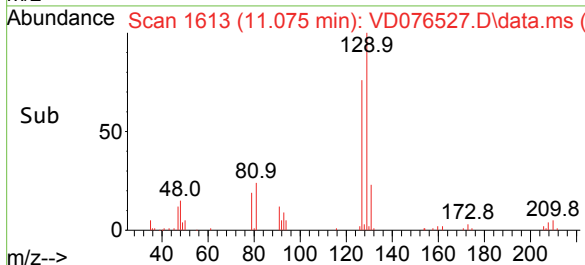
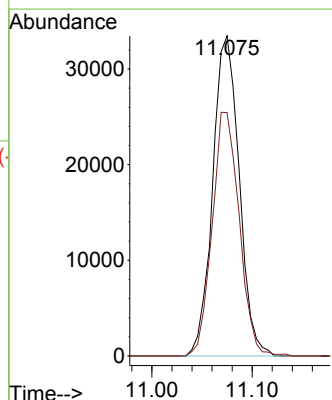
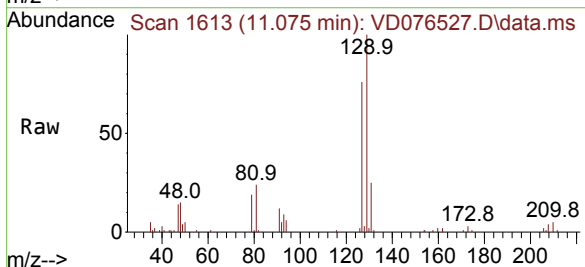
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

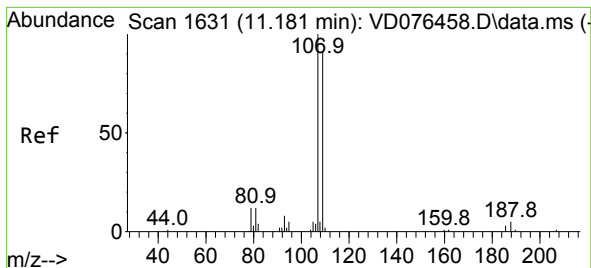
Tgt Ion: 43 Resp: 176196
Ion Ratio Lower Upper
43 100
58 54.1 34.1 102.2



#60
Dibromochloromethane
Concen: 54.837 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 129 Resp: 61347
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

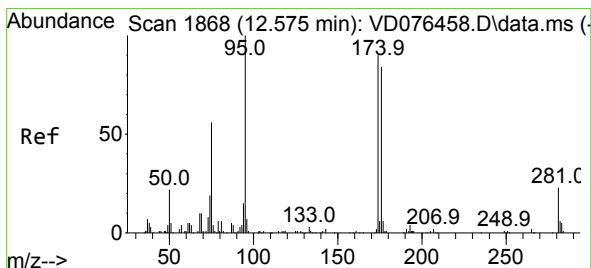
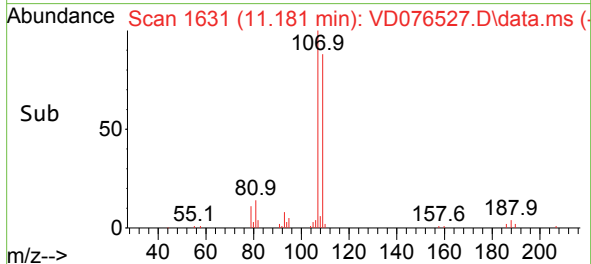
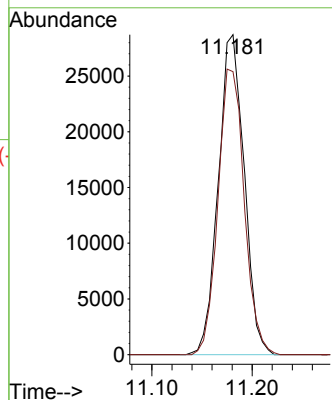
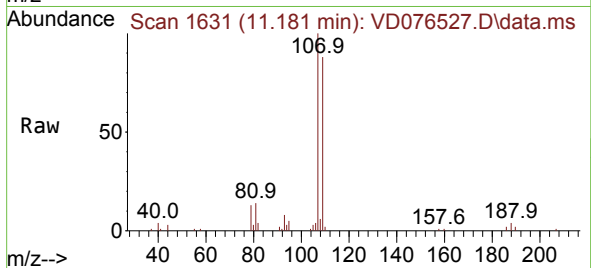




#61
1,2-Dibromoethane
Concen: 57.045 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

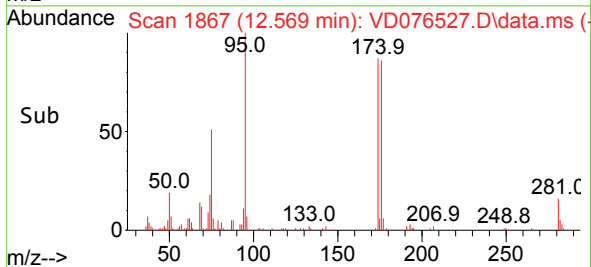
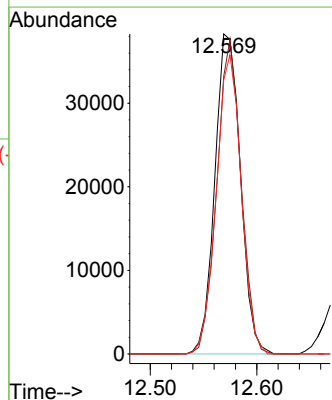
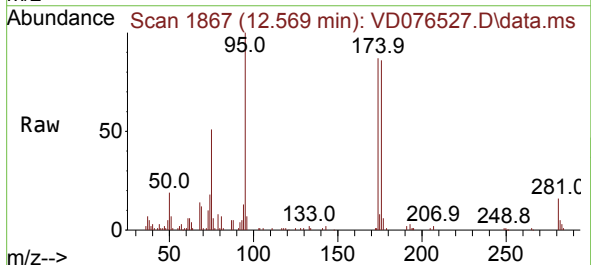
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

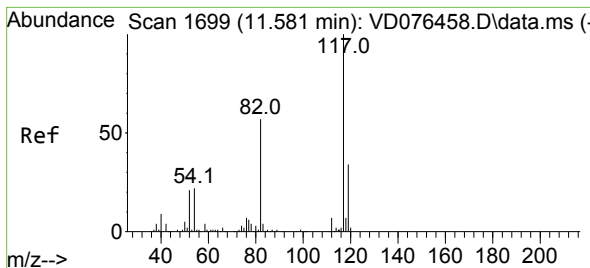
Tgt Ion:107 Resp: 51477
Ion Ratio Lower Upper
107 100
109 90.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 95 Resp: 63776
Ion Ratio Lower Upper
95 100
174 93.0 0.0 201.8
176 91.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

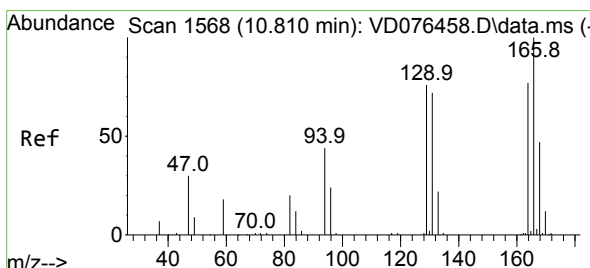
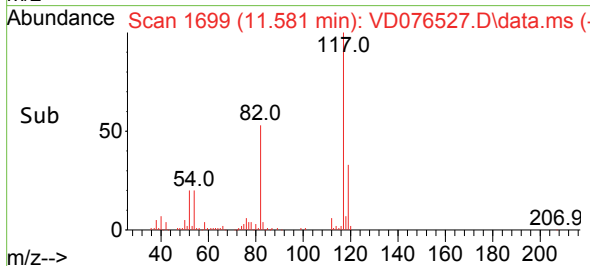
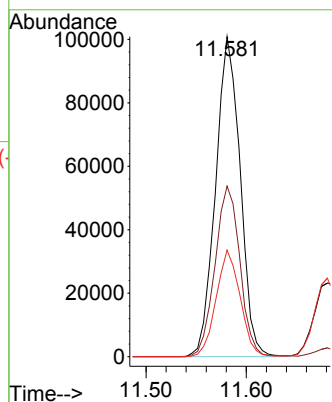
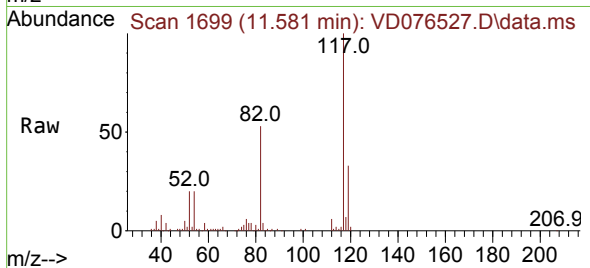
Tgt Ion:117 Resp: 171520

Ion Ratio Lower Upper

117 100

82 53.3 38.3 57.5

119 33.3 25.0 37.4



#64

Tetrachloroethene

Concen: 51.289 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Tgt Ion:164 Resp: 52805

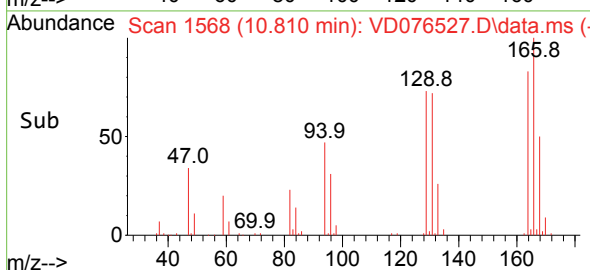
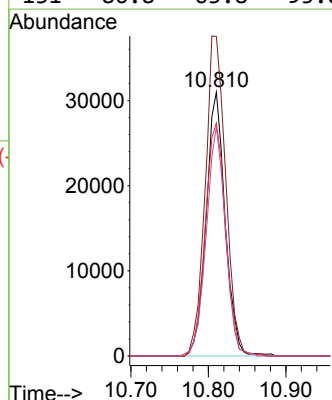
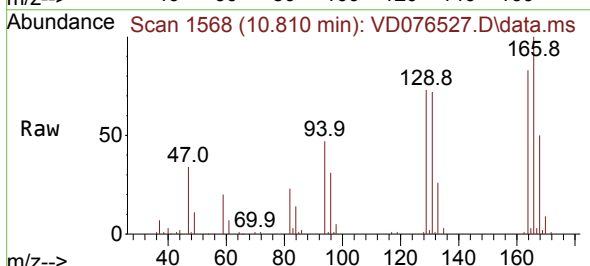
Ion Ratio Lower Upper

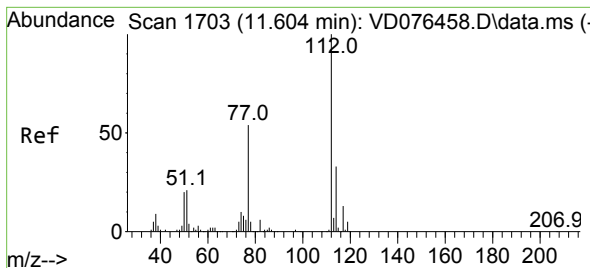
164 100

166 121.2 99.2 148.8

129 88.4 68.4 102.6

131 86.8 63.8 95.8

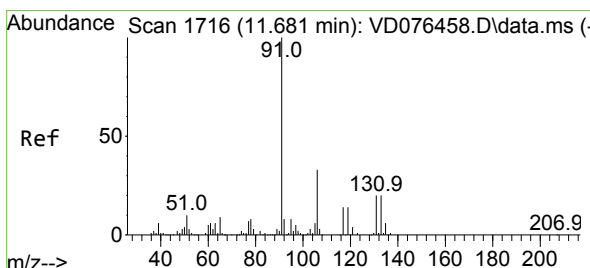
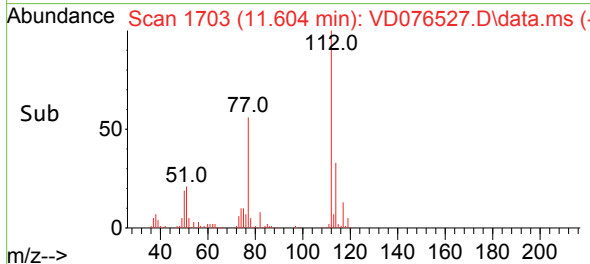
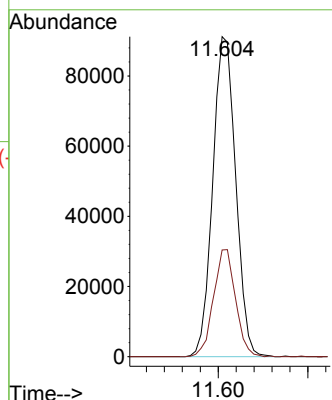
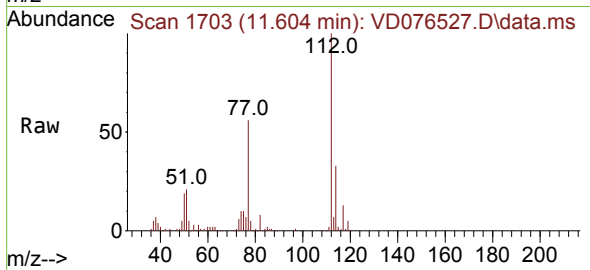




#65
Chlorobenzene
Concen: 49.696 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

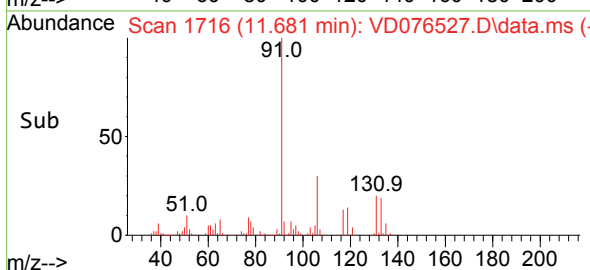
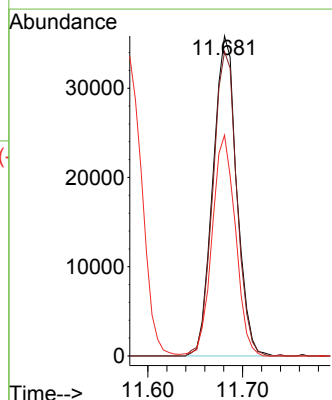
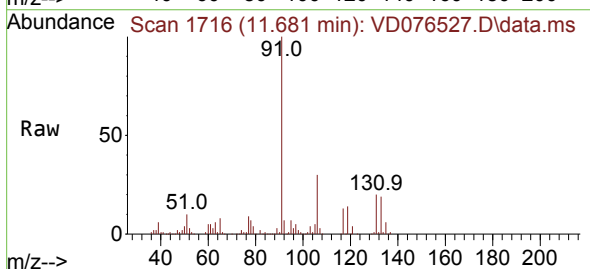
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

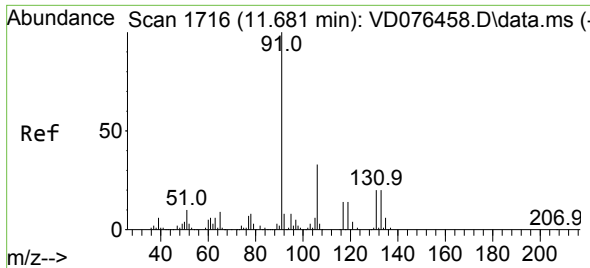
Tgt Ion:112 Resp: 161938
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.513 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion:131 Resp: 62362
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.5
119 67.8 35.6 106.9

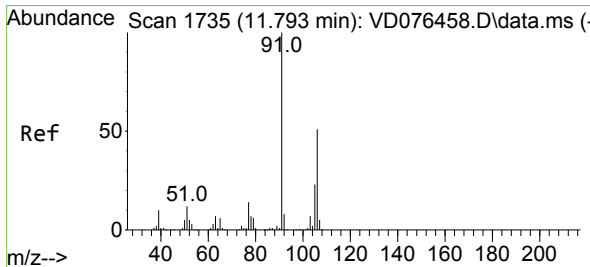
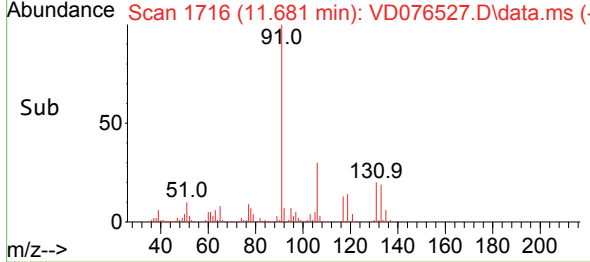
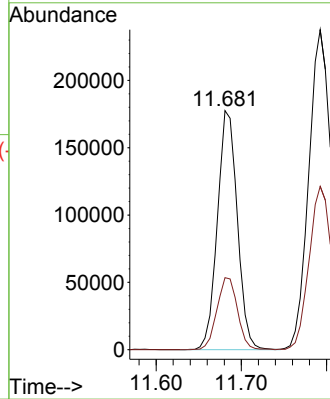
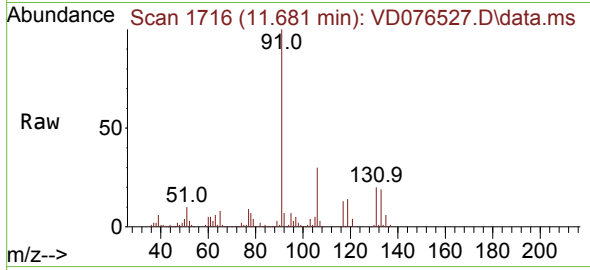




#67
Ethyl Benzene
Concen: 50.008 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

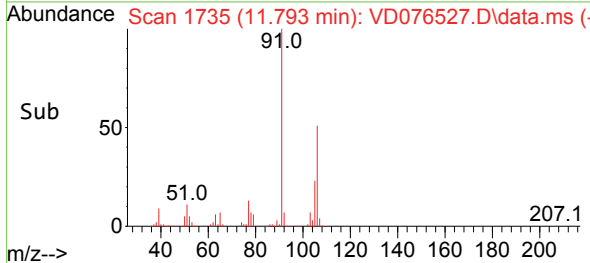
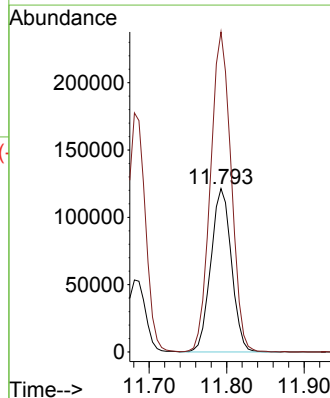
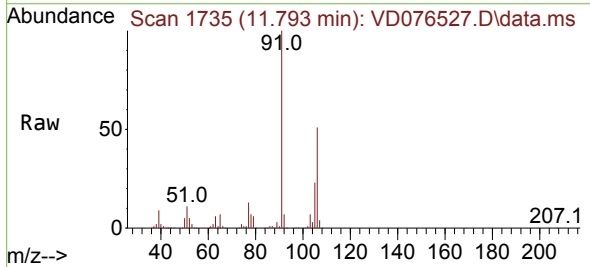
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

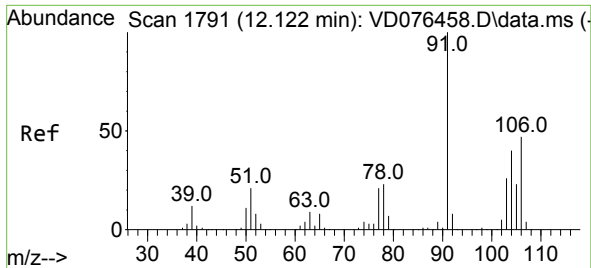
Tgt Ion: 91 Resp: 288740
Ion Ratio Lower Upper
91 100
106 30.1 26.5 39.7



#68
m/p-Xylenes
Concen: 99.371 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 106 Resp: 223971
Ion Ratio Lower Upper
106 100
91 196.4 147.0 220.6

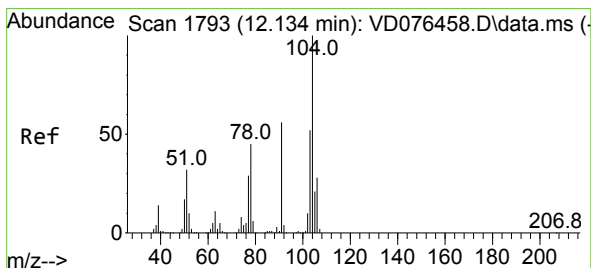
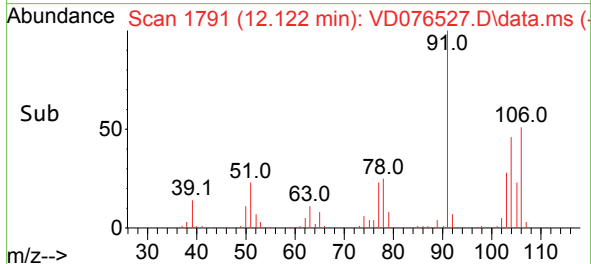
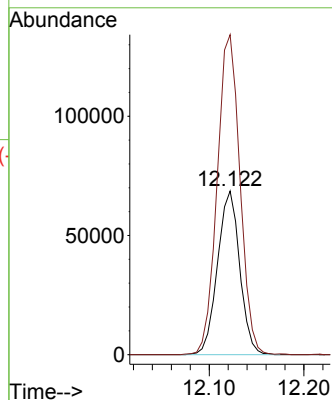
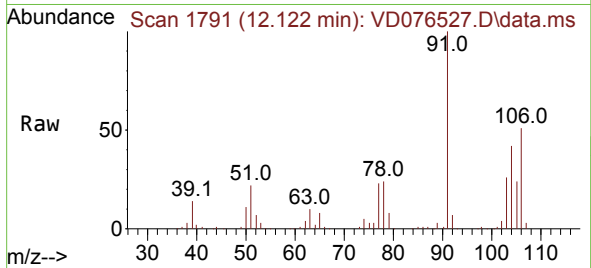




#69
o-Xylene
Concen: 52.145 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

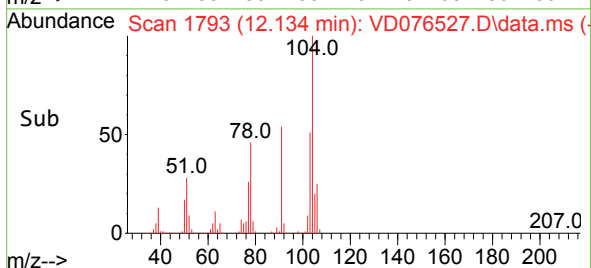
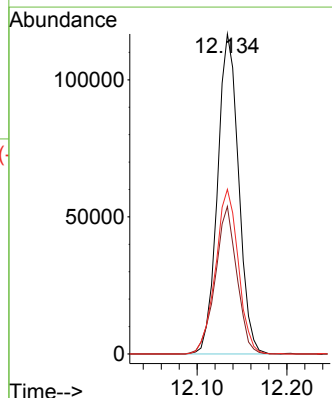
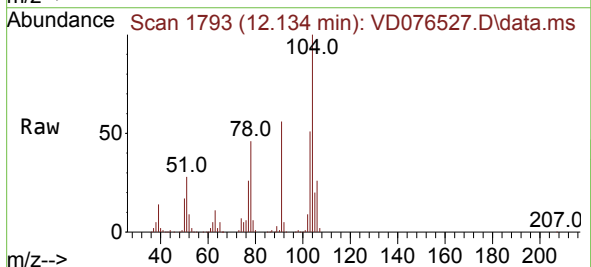
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

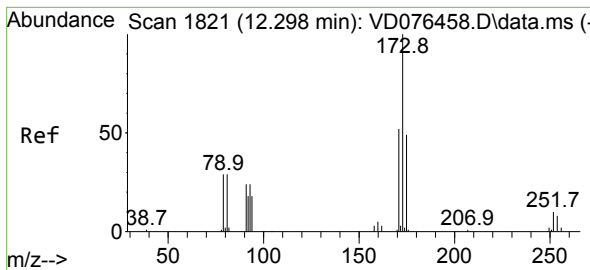
Tgt Ion:106 Resp: 111878
Ion Ratio Lower Upper
106 100
91 201.0 97.9 293.6



#70
Styrene
Concen: 51.380 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion:104 Resp: 190426
Ion Ratio Lower Upper
104 100
78 47.2 33.2 49.8
103 55.5 43.6 65.4





#71

Bromoform

Concen: 58.832 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDC0050EC

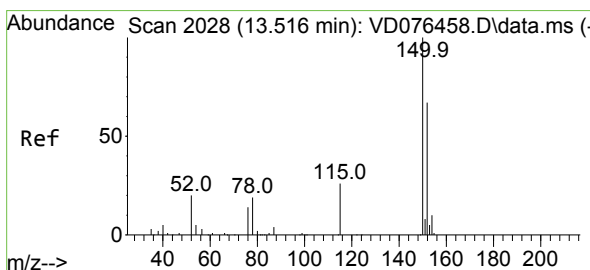
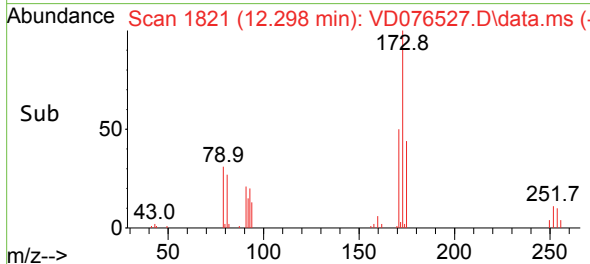
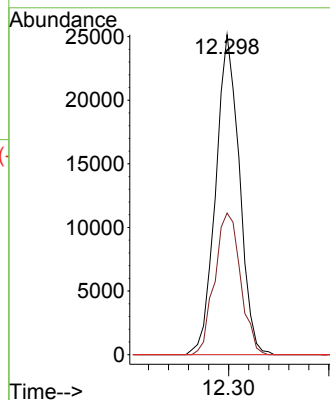
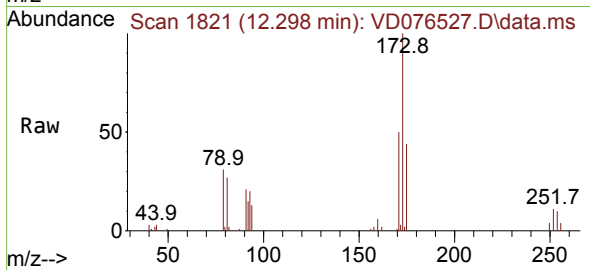
Tgt Ion:173 Resp: 41165

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

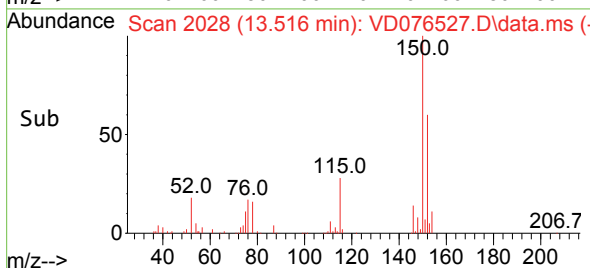
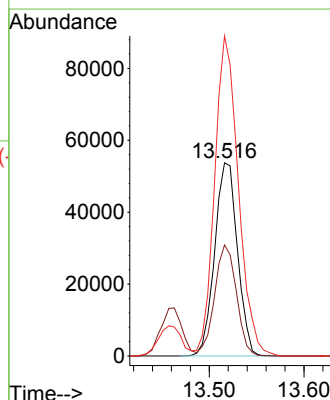
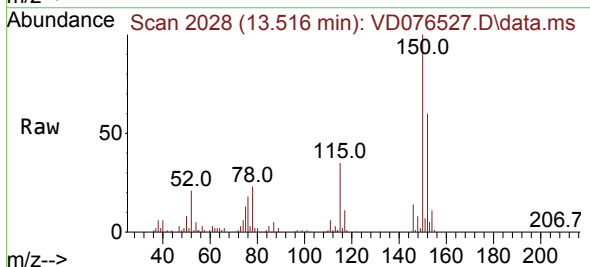
Tgt Ion:152 Resp: 89938

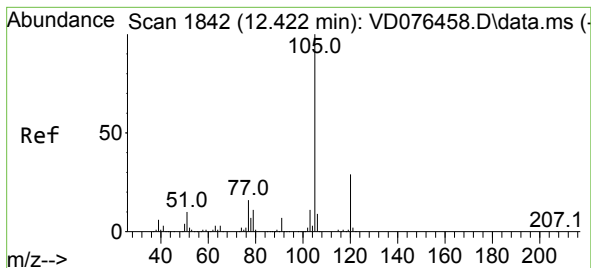
Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 172.5 0.0 353.6





#73

Isopropylbenzene

Concen: 45.759 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

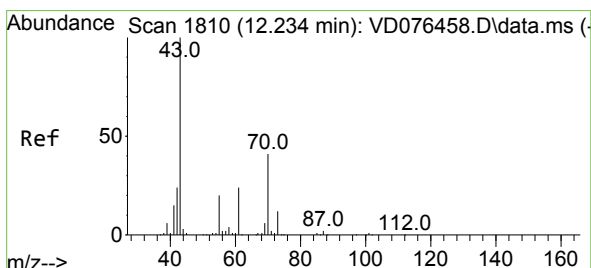
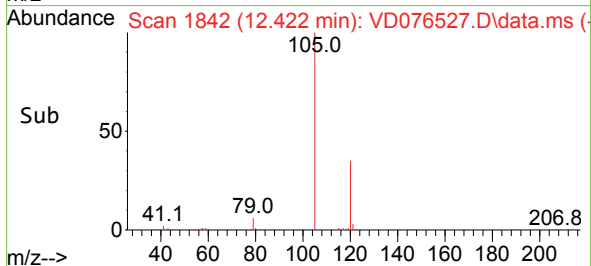
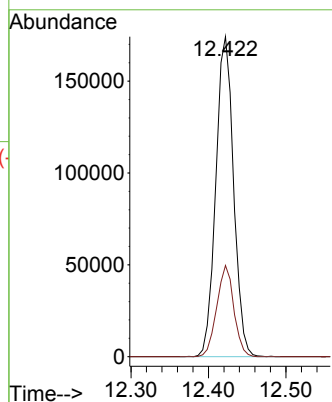
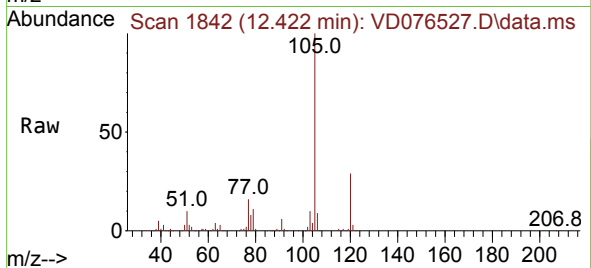
VSTDCCC050EC

Tgt Ion:105 Resp: 277083

Ion Ratio Lower Upper

105 100

120 27.4 14.3 42.9



#74

N-ethyl acetate

Concen: 46.841 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Tgt Ion: 43 Resp: 83036

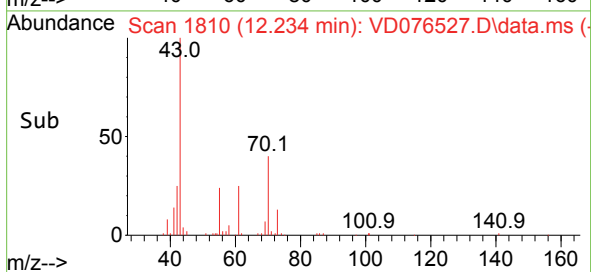
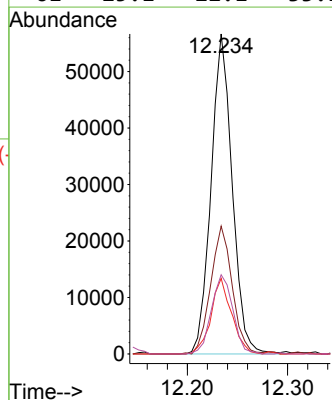
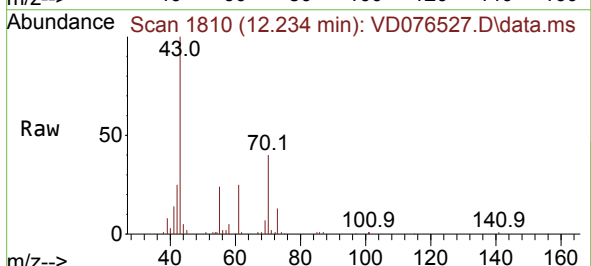
Ion Ratio Lower Upper

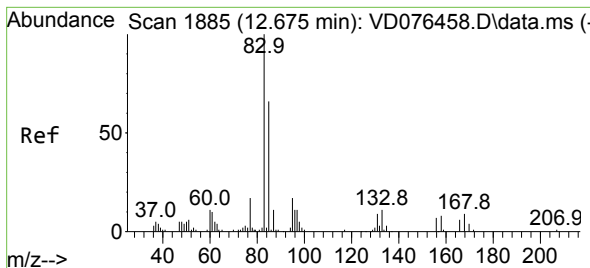
43 100

70 41.0 45.0 67.4#

55 23.1 23.8 35.6#

61 25.1 22.1 33.1

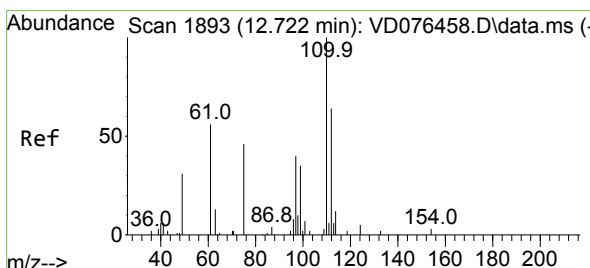
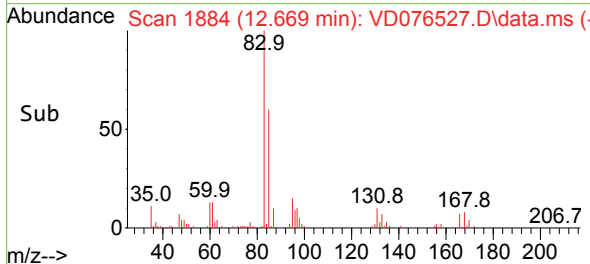
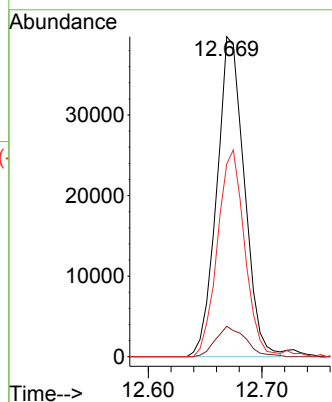
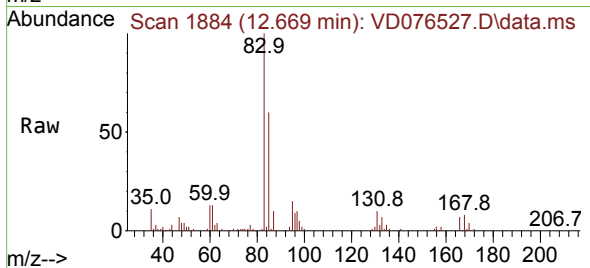




#75
1,1,2,2-Tetrachloroethane
Concen: 53.610 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

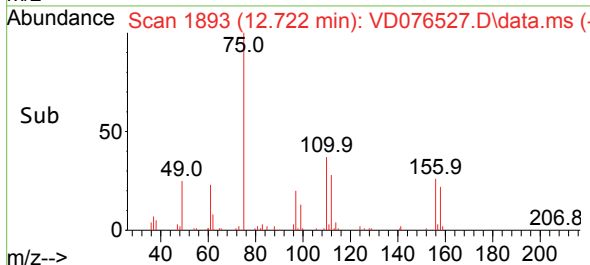
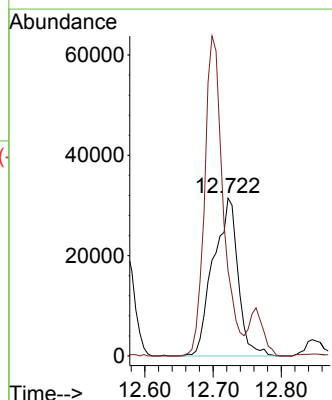
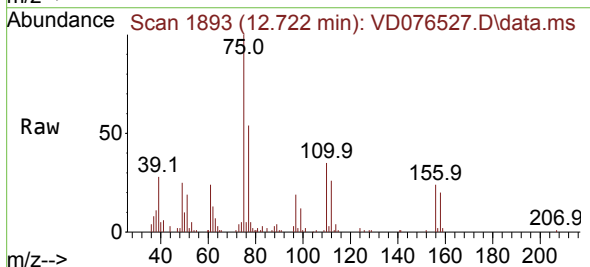
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

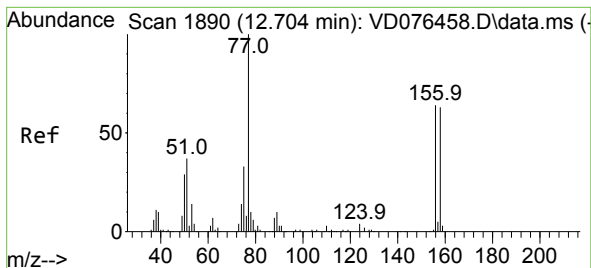
Tgt Ion: 83 Resp: 66987
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 63.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 88.970 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 75 Resp: 79416
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.550 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

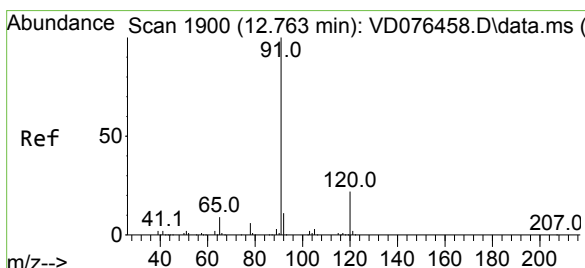
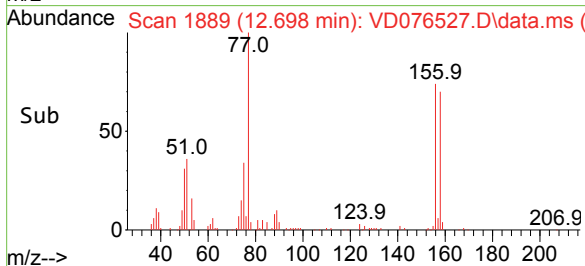
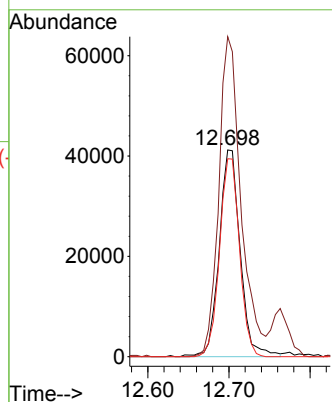
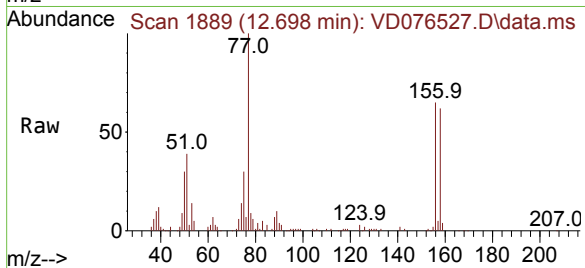
Tgt Ion:156 Resp: 74023

Ion Ratio Lower Upper

156 100

77 164.2 76.8 230.4

158 91.1 48.6 145.9



#78

n-propylbenzene

Concen: 45.526 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076527.D

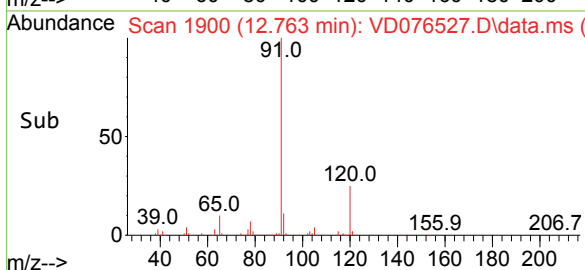
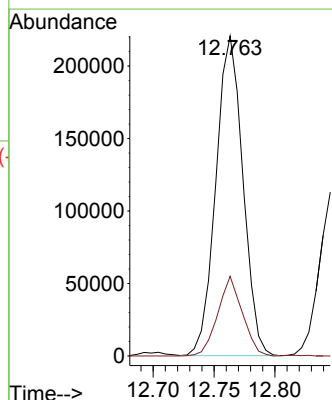
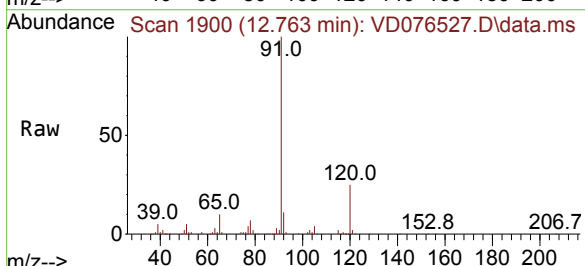
Acq: 21 Jun 2023 22:22

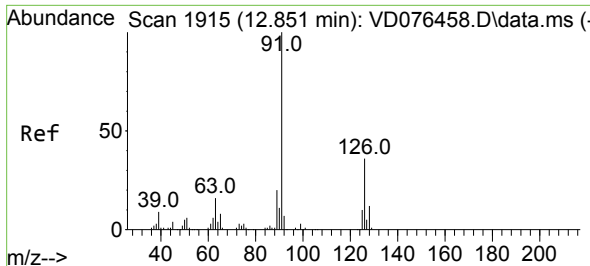
Tgt Ion: 91 Resp: 340389

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2

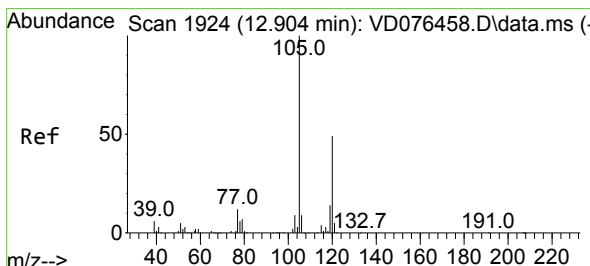
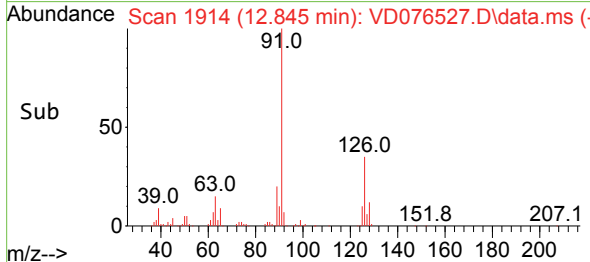
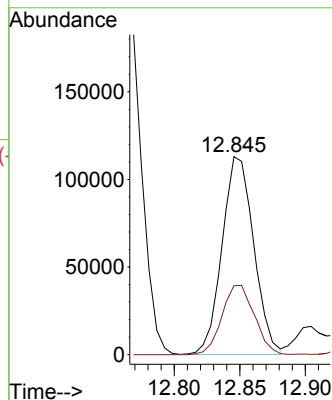
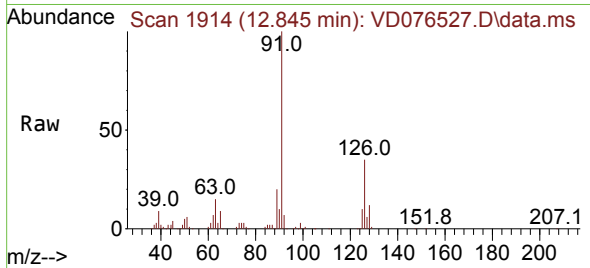




#79
2-Chlorotoluene
Concen: 46.295 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

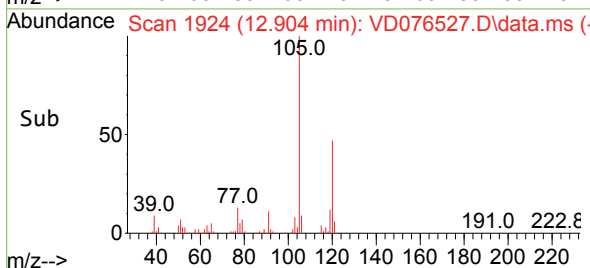
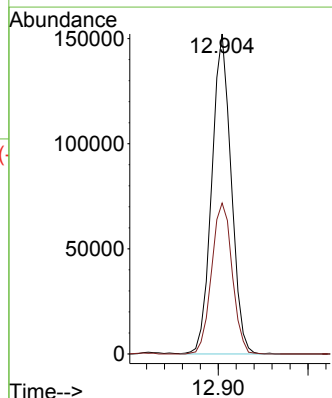
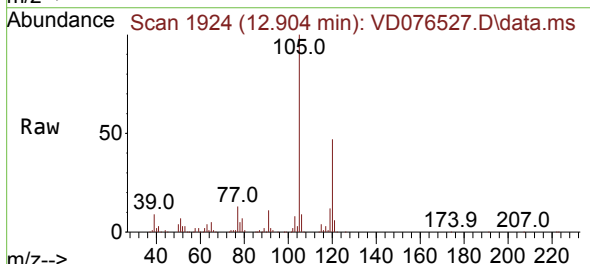
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

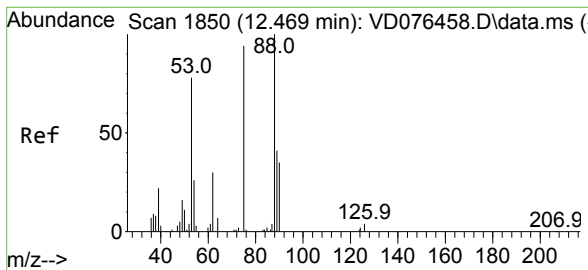
Tgt Ion: 91 Resp: 190073
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 46.200 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 105 Resp: 228464
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

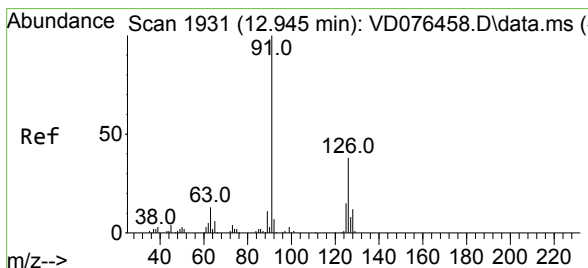
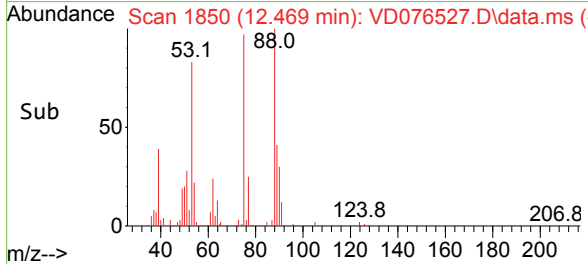
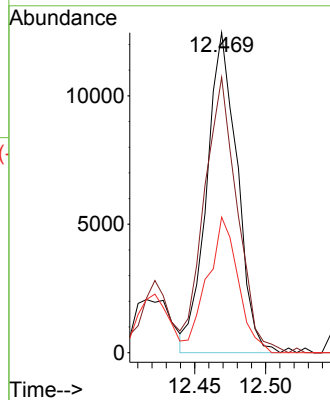
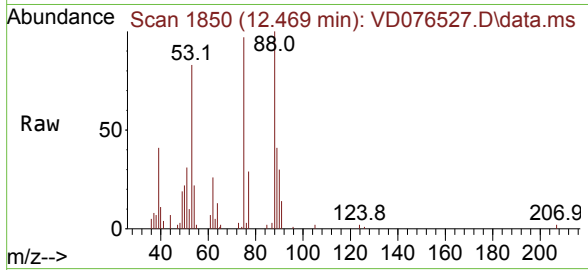




#81
trans-1,4-Dichloro-2-butene
Concen: 45.616 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

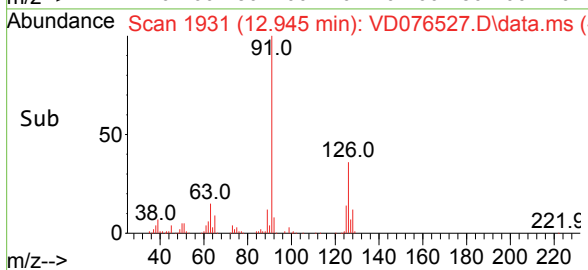
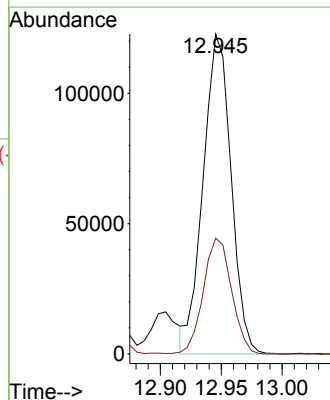
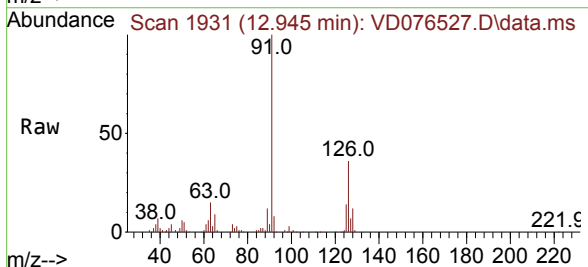
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

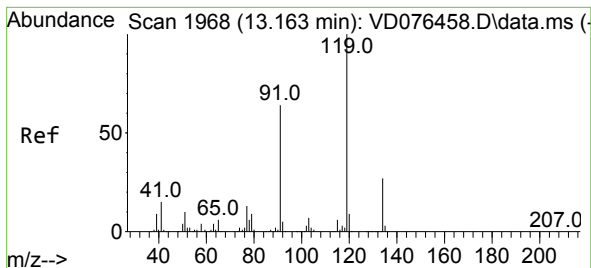
Tgt Ion: 75 Resp: 18582
Ion Ratio Lower Upper
75 100
53 93.4 63.0 94.4
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 45.963 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 91 Resp: 195981
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4

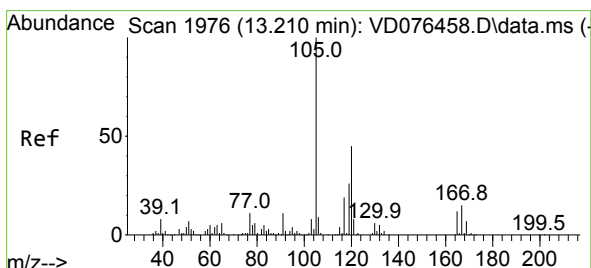
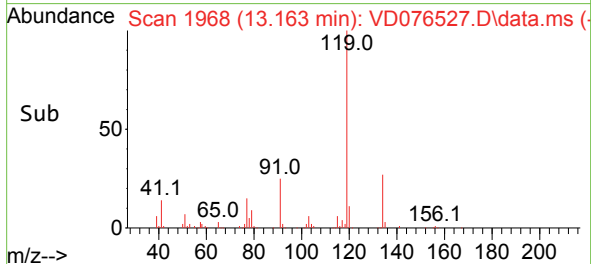
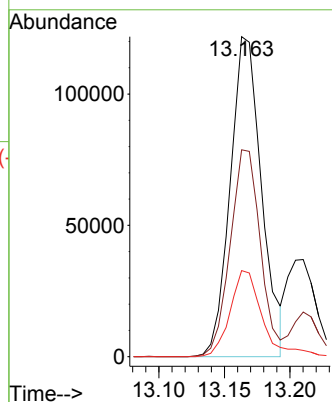
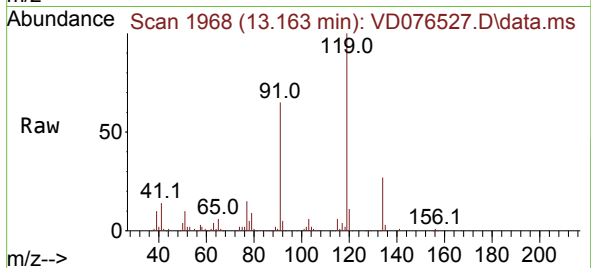




#83
 tert-Butylbenzene
 Concen: 46.201 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. -0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

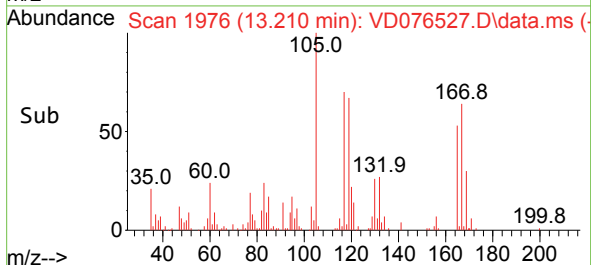
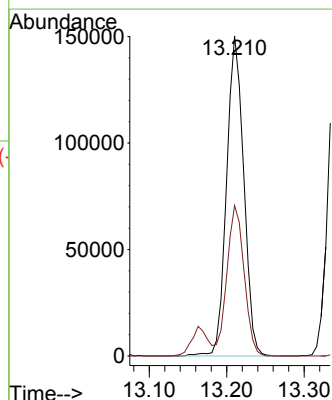
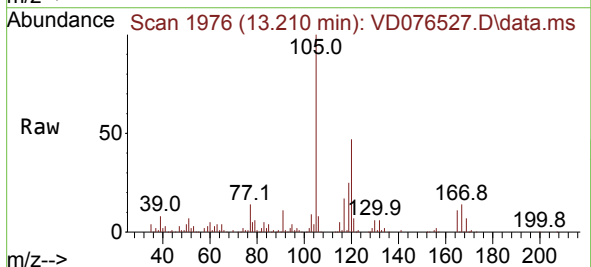
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

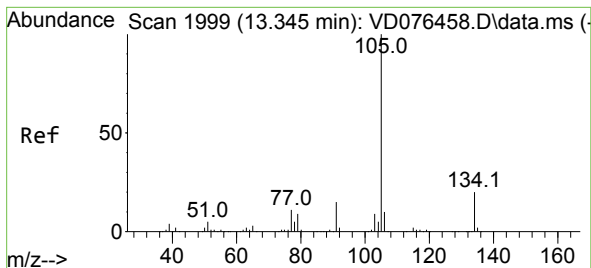
Tgt Ion:119 Resp: 203005
 Ion Ratio Lower Upper
 119 100
 91 62.3 29.3 87.8
 134 27.7 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 46.480 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

Tgt Ion:105 Resp: 231627
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 46.339 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

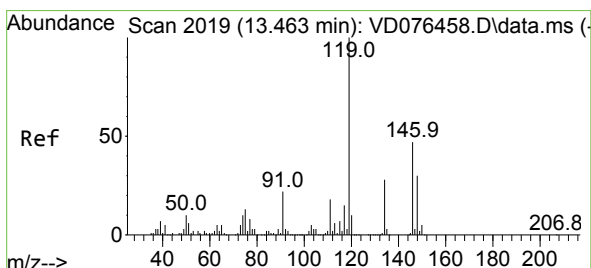
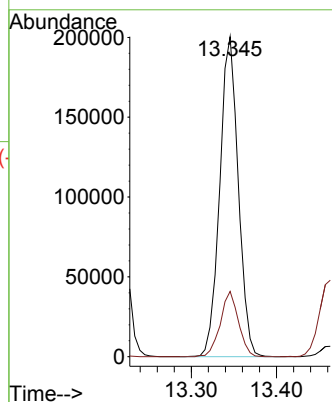
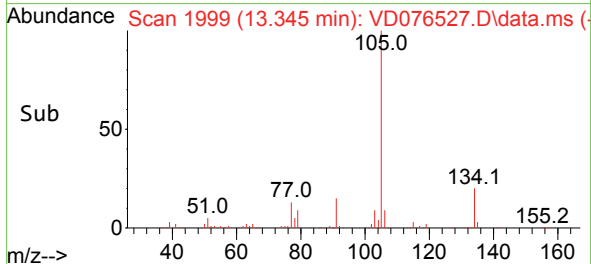
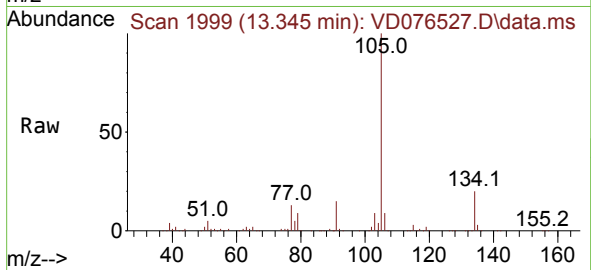
VSTDCCC050EC

Tgt Ion:105 Resp: 302155

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 46.412 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

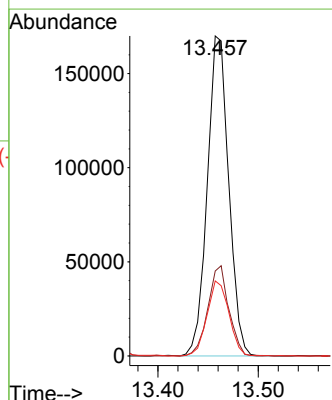
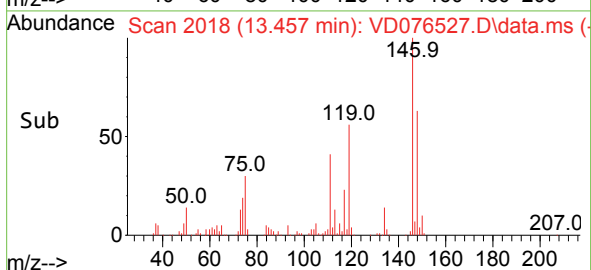
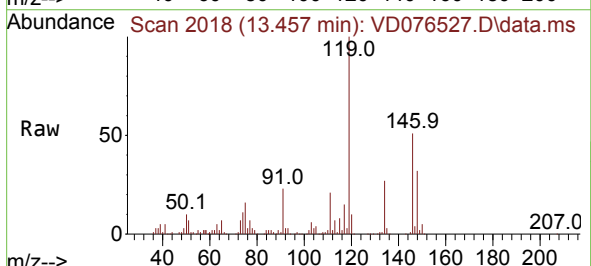
Tgt Ion:119 Resp: 252872

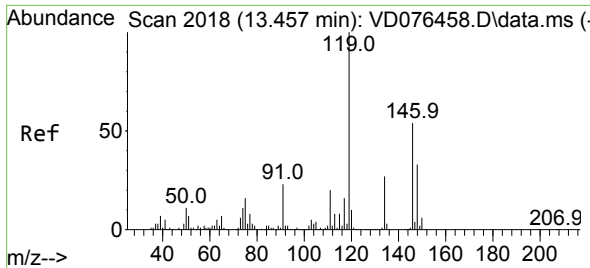
Ion Ratio Lower Upper

119 100

134 27.5 14.2 42.6

91 23.9 10.5 31.5

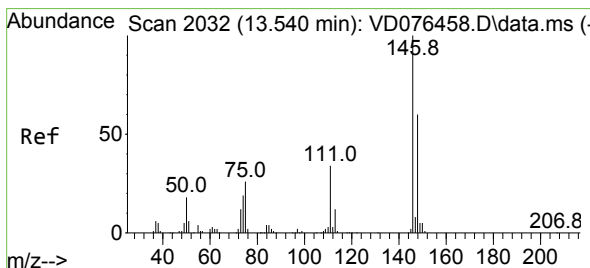
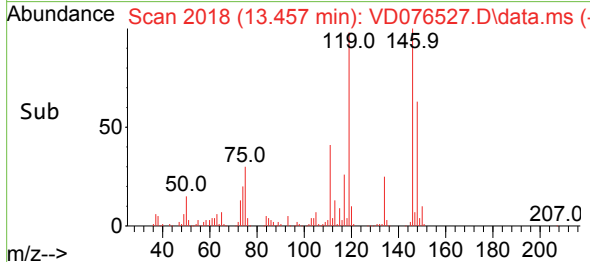
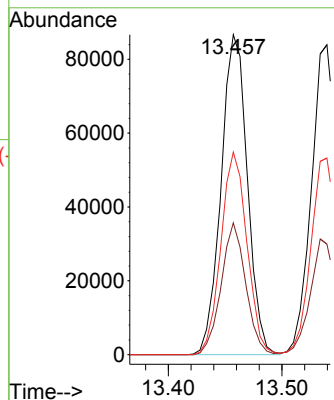
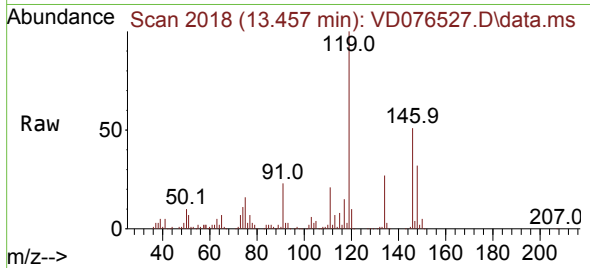




#87
 1,3-Dichlorobenzene
 Concen: 47.515 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

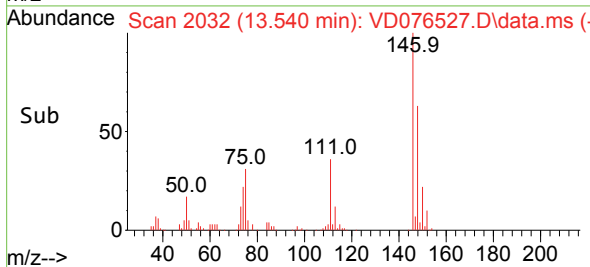
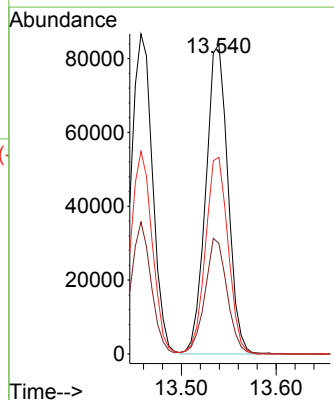
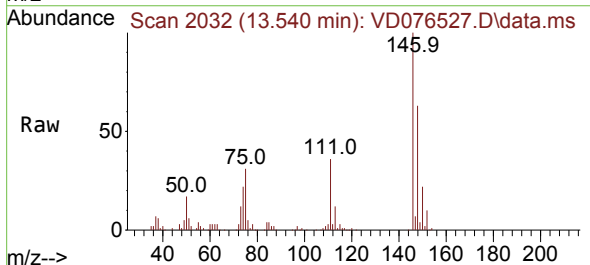
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

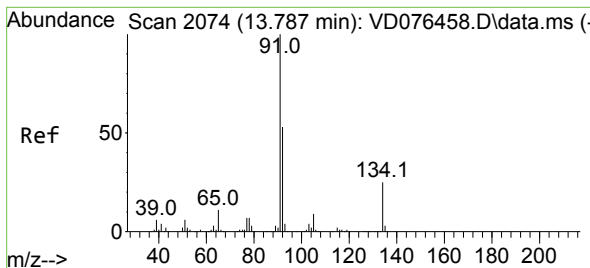
Tgt Ion:146 Resp: 139430
 Ion Ratio Lower Upper
 146 100
 111 38.5 17.9 53.8
 148 62.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 46.552 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

Tgt Ion:146 Resp: 136241
 Ion Ratio Lower Upper
 146 100
 111 37.4 17.4 52.3
 148 65.0 31.7 95.1





#89

n-Butylbenzene

Concen: 44.571 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076527.D

Acq: 21 Jun 2023 22:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

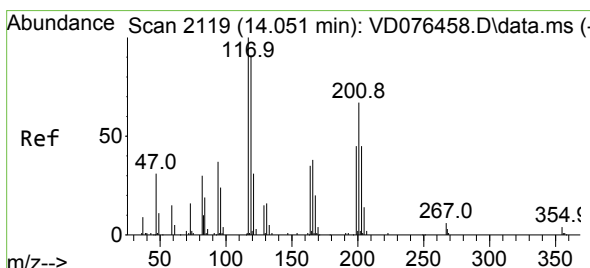
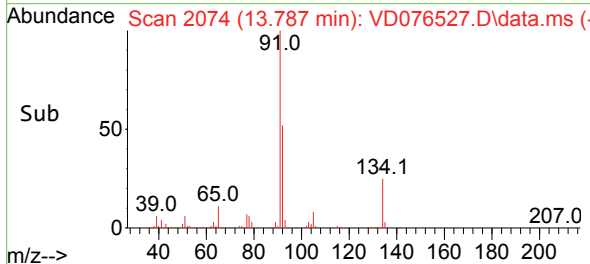
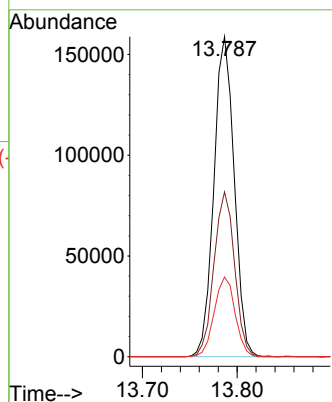
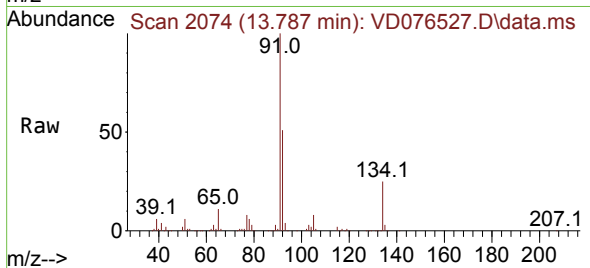
Tgt Ion: 91 Resp: 236861

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 25.6 13.8 41.3



#90

Hexachloroethane

Concen: 46.164 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076527.D

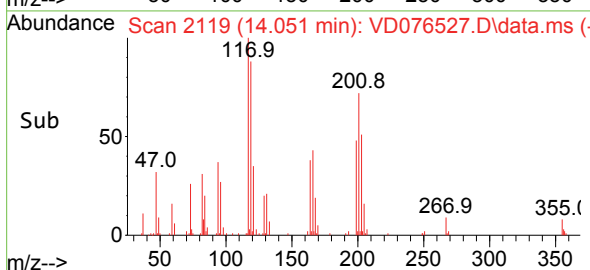
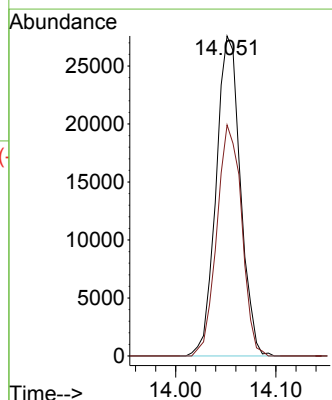
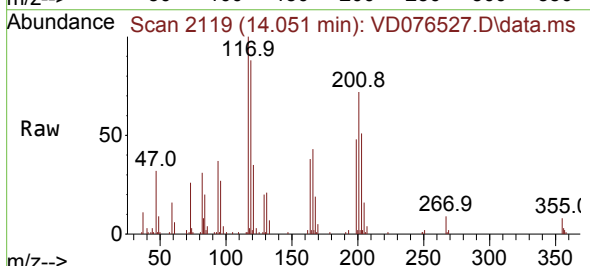
Acq: 21 Jun 2023 22:22

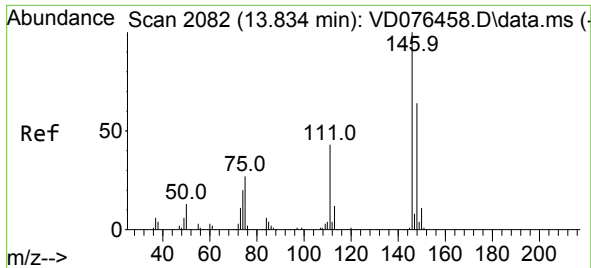
Tgt Ion: 117 Resp: 46415

Ion Ratio Lower Upper

117 100

201 73.8 38.5 115.5

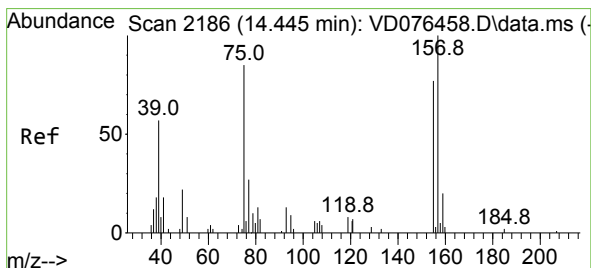
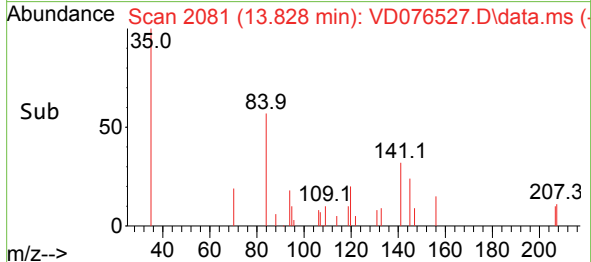
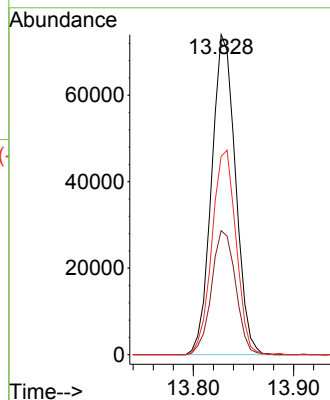
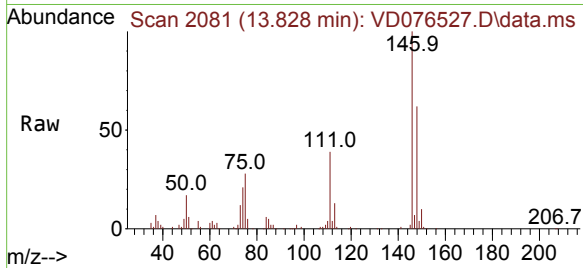




#91
1,2-Dichlorobenzene
Concen: 47.799 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

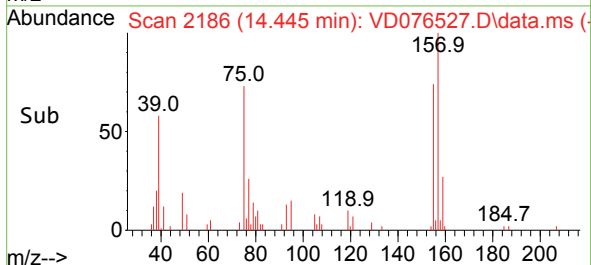
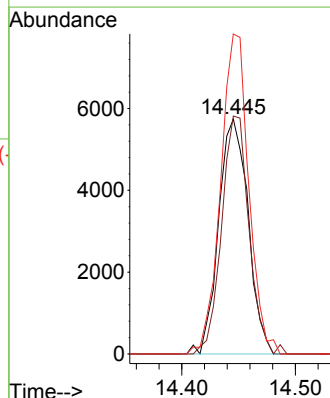
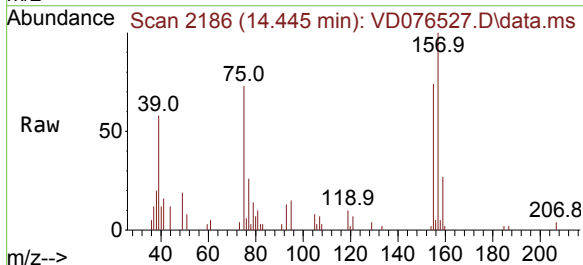
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

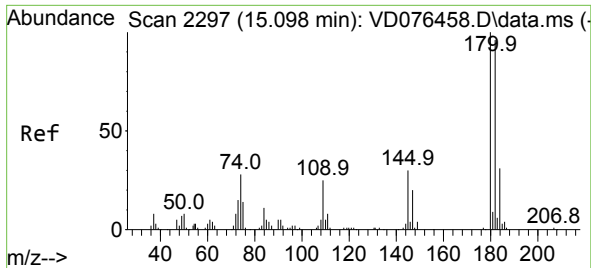
Tgt Ion:146 Resp: 122569
Ion Ratio Lower Upper
146 100
111 39.2 18.3 54.8
148 64.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.010 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076527.D
Acq: 21 Jun 2023 22:22

Tgt Ion: 75 Resp: 10346
Ion Ratio Lower Upper
75 100
155 94.0 47.9 143.8
157 130.2 59.9 179.7

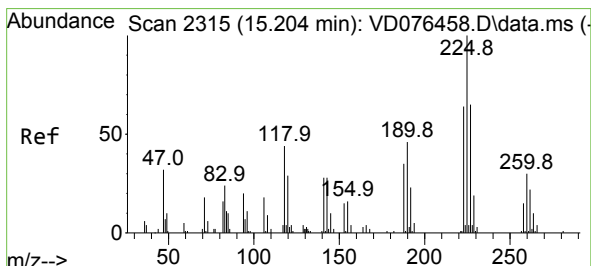
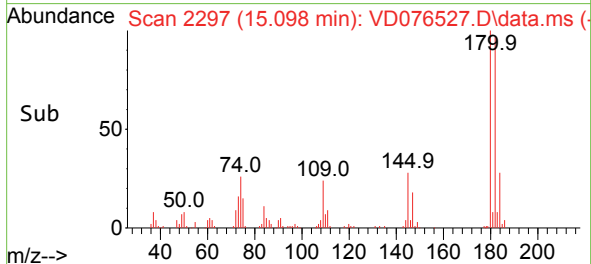
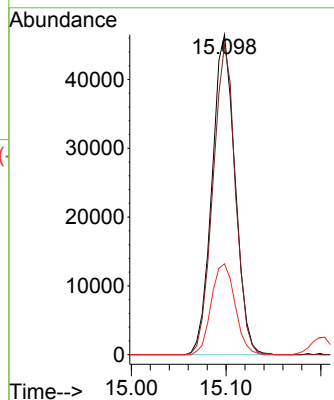
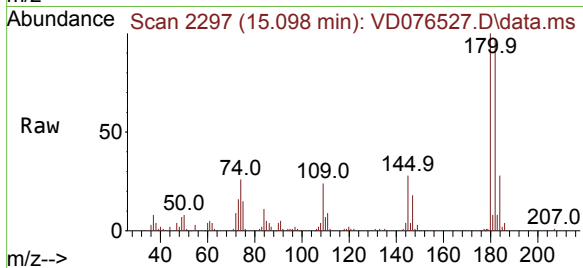




#93
 1,2,4-Trichlorobenzene
 Concen: 45.813 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

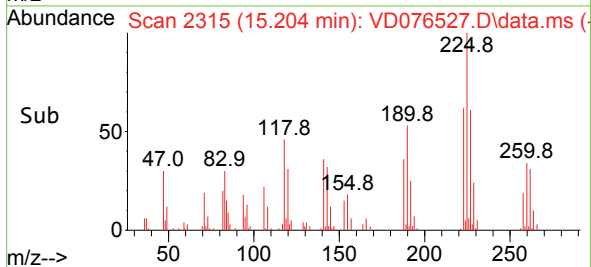
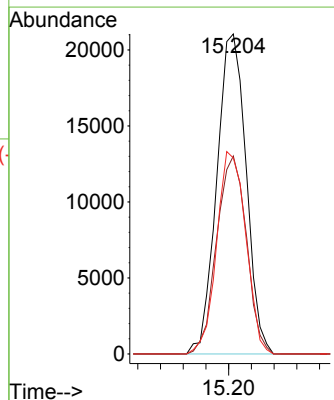
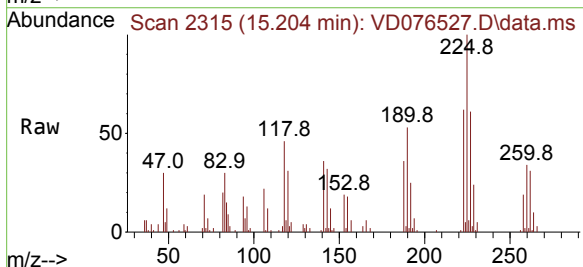
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

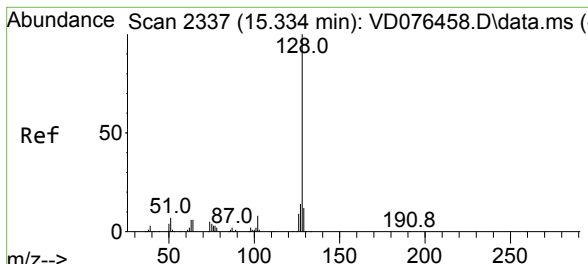
Tgt Ion:180 Resp: 78292
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.5 145.6
 145 29.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 45.459 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

Tgt Ion:225 Resp: 37769
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.8
 227 62.7 31.7 95.1

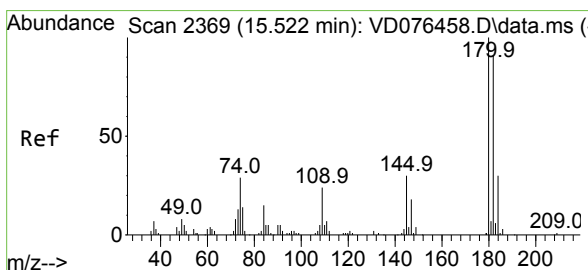
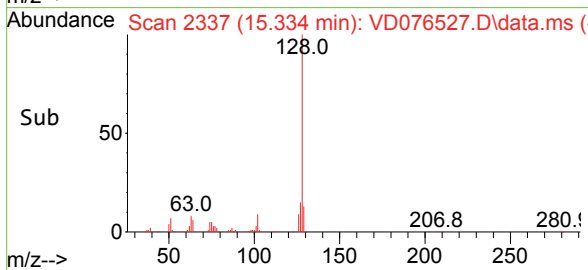
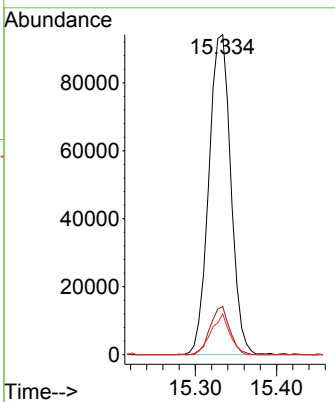
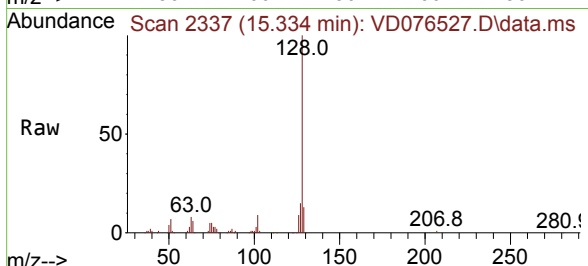




#95
 Naphthalene
 Concen: 51.952 ug/l
 RT: 15.334 min Scan# 2337
 Delta R.T. -0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	128	Resp:	177536
Ion Ratio	Lower	Upper	
128	100		
127	15.1	10.5	15.7
129	12.7	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 49.099 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD076527.D
 Acq: 21 Jun 2023 22:22

Tgt Ion:	180	Resp:	73103
Ion Ratio	Lower	Upper	
180	100		
182	91.5	47.3	141.9
145	30.4	15.1	45.3

