

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076481.D
 Acq On : 19 Jun 2023 20:47
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 05:29:48 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	7.875	168	131225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	220117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57524	43.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.500%
35) Dibromofluoromethane	7.805	113	61721	47.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.400%
50) Toluene-d8	10.269	98	225103	45.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.569	95	73399	45.604	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	51572	51.720	ug/l	94
3) Chloromethane	2.146	50	115486	55.689	ug/l	95
4) Vinyl Chloride	2.275	62	125501	54.251	ug/l	99
5) Bromomethane	2.681	94	64762	43.056	ug/l	99
6) Chloroethane	2.822	64	85655	54.023	ug/l	99
7) Trichlorofluoromethane	3.158	101	103194	54.206	ug/l	92
8) Diethyl Ether	3.587	74	36615	51.105	ug/l	66
9) 1,1,2-Trichlorotrifluo...	3.958	101	66918	54.580	ug/l	96
10) Methyl Iodide	4.152	142	78699	54.142	ug/l	94
11) Tert butyl alcohol	5.058	59	29678	261.442	ug/l #	95
12) 1,1-Dichloroethene	3.928	96	64735	53.911	ug/l #	78
13) Acrolein	3.787	56	25294	206.871	ug/l	96
14) Allyl chloride	4.552	41	112377	51.175	ug/l #	88
15) Acrylonitrile	5.252	53	104073	282.483	ug/l	99
16) Acetone	4.016	43	71005	226.952	ug/l #	84
17) Carbon Disulfide	4.264	76	174118	53.072	ug/l	98
18) Methyl Acetate	4.558	43	79448	55.102	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	177546	54.056	ug/l	99
20) Methylene Chloride	4.793	84	98411	57.243	ug/l #	75
21) trans-1,2-Dichloroethene	5.299	96	71785	51.724	ug/l	90
22) Diisopropyl ether	6.216	45	254394	53.575	ug/l #	91
23) Vinyl Acetate	6.152	43	643907	273.581	ug/l #	88
24) 1,1-Dichloroethane	6.105	63	145288	54.794	ug/l	95
25) 2-Butanone	7.087	43	131068	270.856	ug/l #	75
26) 2,2-Dichloropropane	7.075	77	108755	47.573	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	92090	54.827	ug/l	88
28) Bromochloromethane	7.422	49	37419	48.941	ug/l #	69
29) Tetrahydrofuran	7.440	42	84735	272.476	ug/l #	79
30) Chloroform	7.593	83	142782	54.384	ug/l	97
31) Cyclohexane	7.875	56	117707	58.032	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	119405	56.262	ug/l	96
36) 1,1-Dichloropropene	8.005	75	103680	56.619	ug/l	97
37) Ethyl Acetate	7.169	43	55963	52.740	ug/l	93
38) Carbon Tetrachloride	7.987	117	95475	58.333	ug/l	96
39) Methylcyclohexane	9.269	83	125604	58.449	ug/l	91
40) Benzene	8.246	78	318856	57.099	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29962	50.004	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	86172	57.109	ug/l	94
43) Isopropyl Acetate	8.363	43	116613	58.048	ug/l #	85
44) Trichloroethene	9.022	130	83657	55.534	ug/l	95
45) 1,2-Dichloropropane	9.304	63	87472	57.772	ug/l	92
46) Dibromomethane	9.393	93	46687	57.561	ug/l	95
47) Bromodichloromethane	9.581	83	109922	56.632	ug/l	98
48) Methyl methacrylate	9.381	41	56155	60.988	ug/l #	69
49) 1,4-Dioxane	9.387	88	11533	1186.760	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	307349	299.298	ug/l #	85
52) Toluene	10.328	92	202061	57.661	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	110620	56.164	ug/l	98
54) cis-1,3-Dichloropropene	10.010	75	128183	54.894	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	65465	57.701	ug/l	91
56) Ethyl methacrylate	10.593	69	88373	59.655	ug/l #	73
57) 1,3-Dichloropropane	10.881	76	112608	57.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	163907	260.978	ug/l	90
59) 2-Hexanone	10.922	43	210346	294.473	ug/l	84
60) Dibromochloromethane	11.075	129	80105	60.669	ug/l	97
61) 1,2-Dibromoethane	11.175	107	61399	57.649	ug/l	100
64) Tetrachloroethene	10.804	164	73781	60.101	ug/l	95
65) Chlorobenzene	11.604	112	218939	56.350	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	80734	58.102	ug/l	98
67) Ethyl Benzene	11.681	91	390722	56.754	ug/l	96
68) m/p-Xylenes	11.793	106	300009	111.634	ug/l	92
69) o-Xylene	12.122	106	147369	57.606	ug/l	94
70) Styrene	12.134	104	251438	56.898	ug/l	96
71) Bromoform	12.298	173	48010	57.545	ug/l #	99
73) Isopropylbenzene	12.422	105	378786	54.690	ug/l	98
74) N-amyl acetate	12.234	43	111754	55.115	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	82119	57.458	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	98336	96.316	ug/l #	100
77) Bromobenzene	12.698	156	94418	55.257	ug/l	88
78) n-propylbenzene	12.763	91	475363	55.586	ug/l	95
79) 2-Chlorotoluene	12.851	91	254575	54.210	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	308468	54.537	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	24595	52.786	ug/l	94
82) 4-Chlorotoluene	12.945	91	267242	54.796	ug/l	94
83) tert-Butylbenzene	13.163	119	279653	55.644	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	313406	54.984	ug/l	98
85) sec-Butylbenzene	13.345	105	427656	57.341	ug/l	95
86) p-Isopropyltoluene	13.457	119	347846	55.817	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	183452	54.657	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	179125	53.510	ug/l	98
89) n-Butylbenzene	13.787	91	331301	54.505	ug/l	99
90) Hexachloroethane	14.051	117	64443	56.036	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	165645	56.477	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	12295	57.154	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	106094	54.277	ug/l	98
94) Hexachlorobutadiene	15.204	225	52691	55.446	ug/l	99
95) Naphthalene	15.328	128	215030	55.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	95519	56.088	ug/l	100

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QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

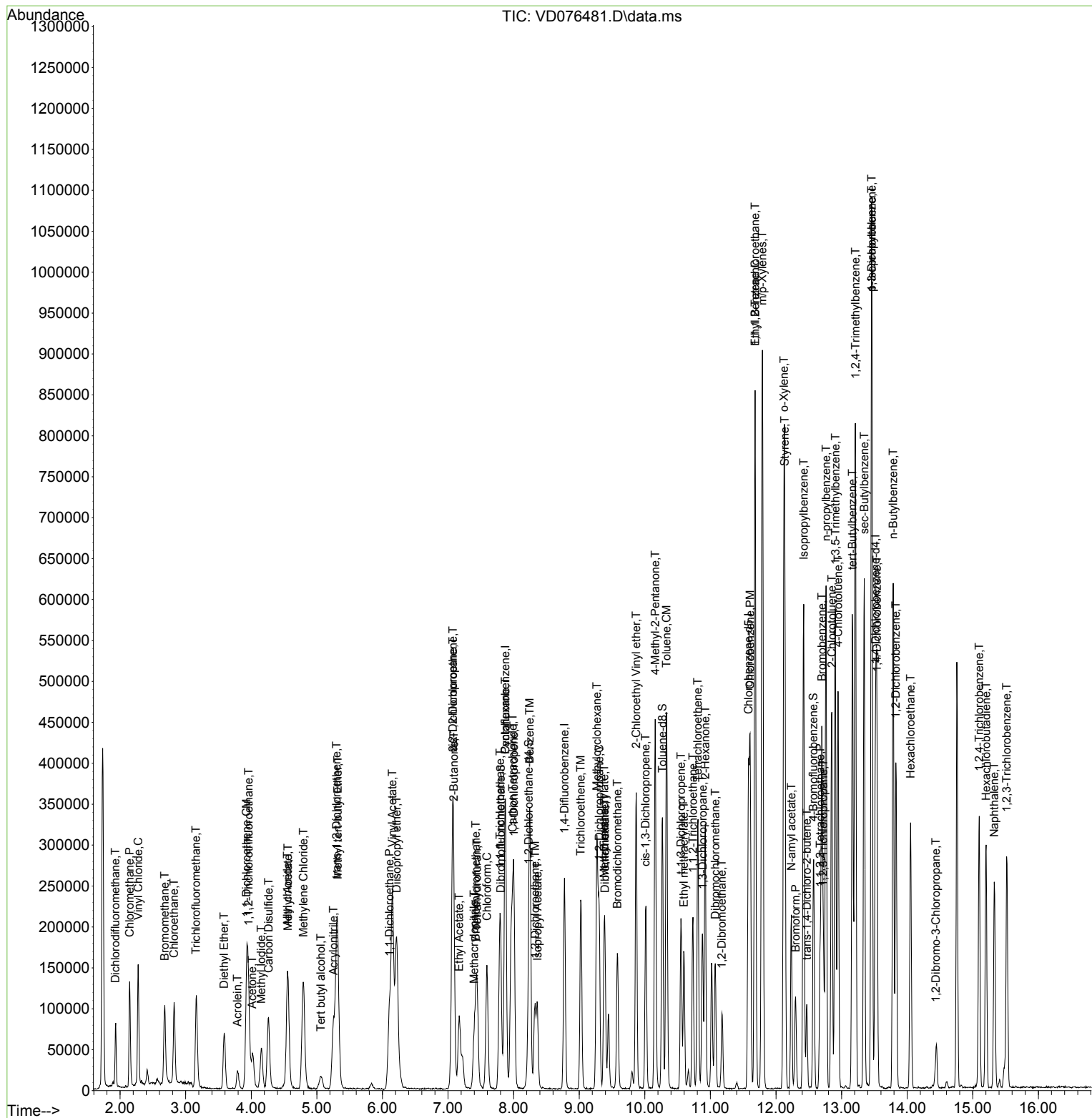
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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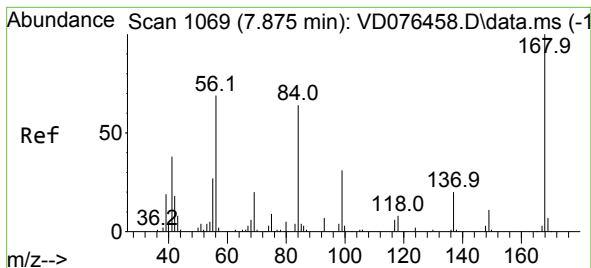
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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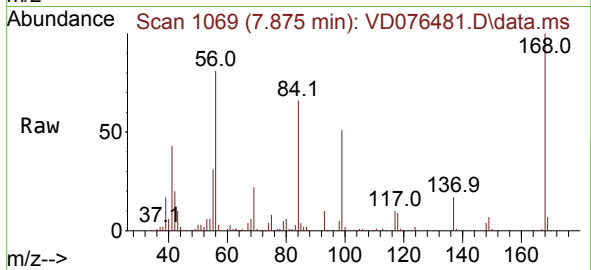
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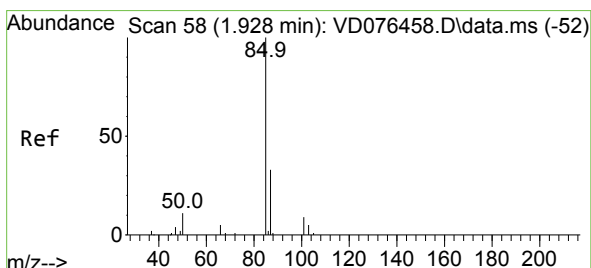
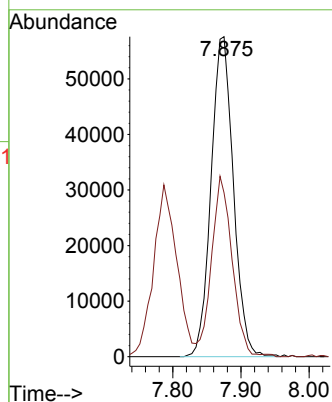
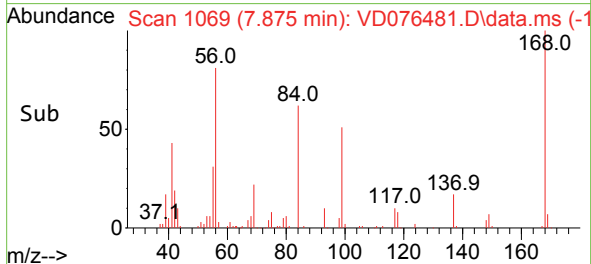


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076481.D
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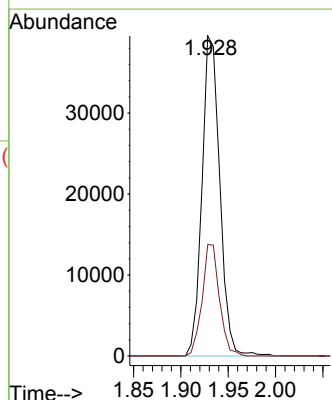
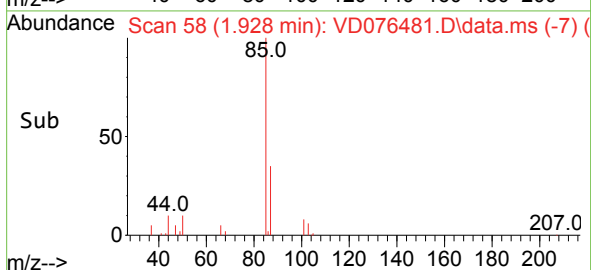
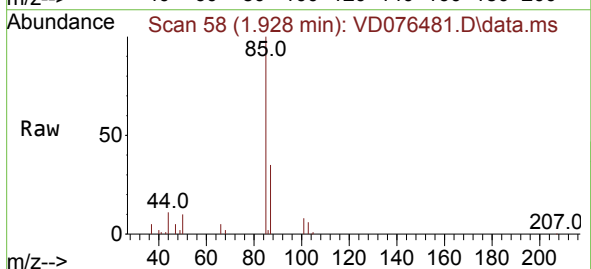


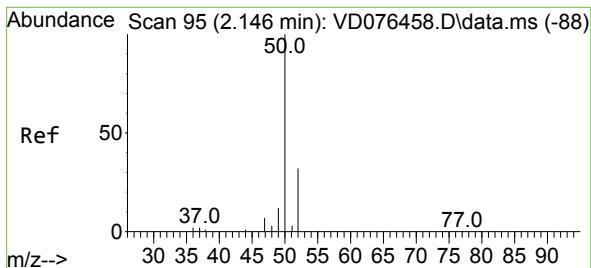
Tgt Ion:168 Resp: 131225
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 51.720 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 85 Resp: 51572
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.0





#3

Chloromethane

Concen: 55.689 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

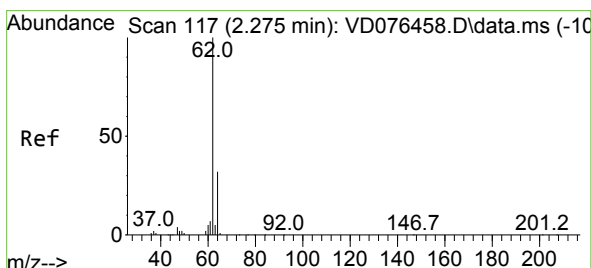
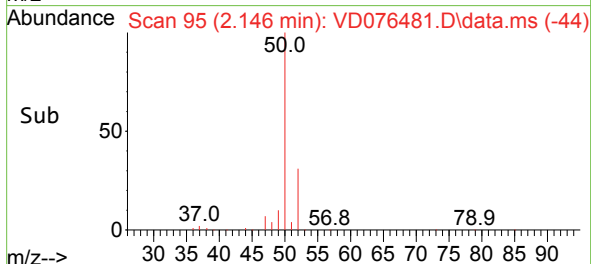
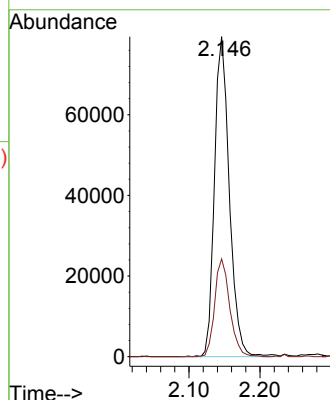
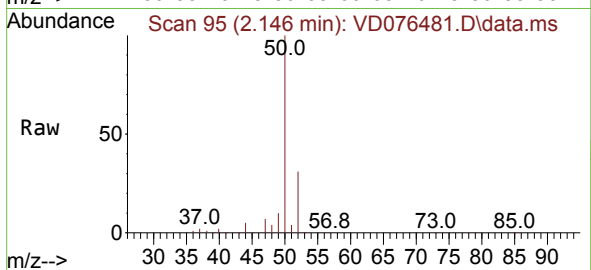
VSTDCCC050EC

Tgt Ion: 50 Resp: 115486

Ion Ratio Lower Upper

50 100

52 30.6 26.6 40.0



#4

Vinyl Chloride

Concen: 54.251 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.000 min

Lab File: VD076481.D

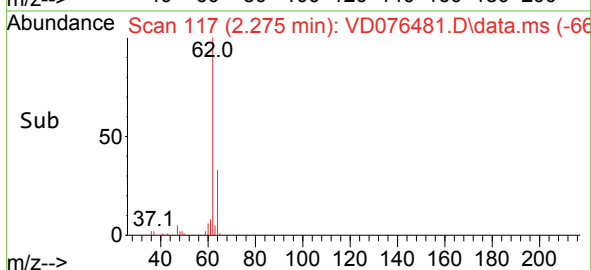
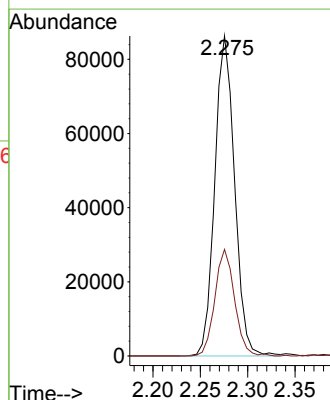
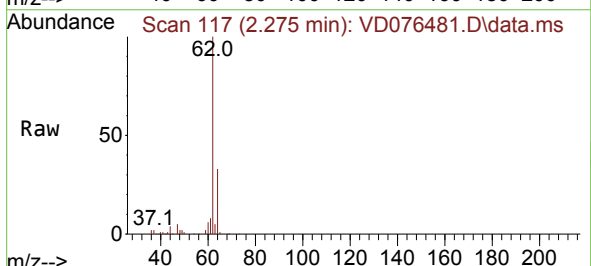
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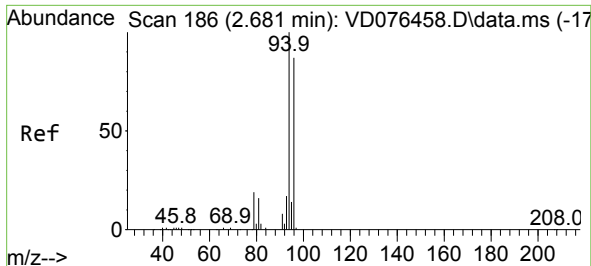
Tgt Ion: 62 Resp: 125501

Ion Ratio Lower Upper

62 100

64 33.3 26.0 39.0

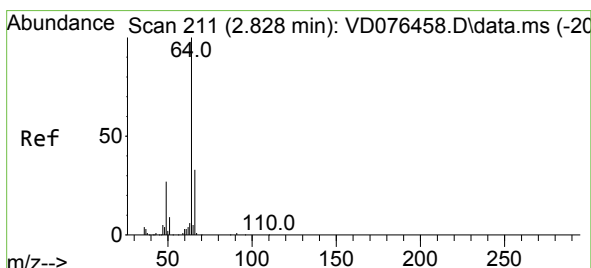
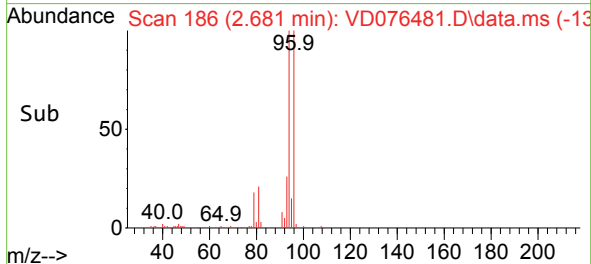
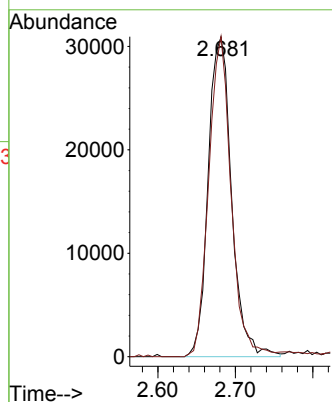
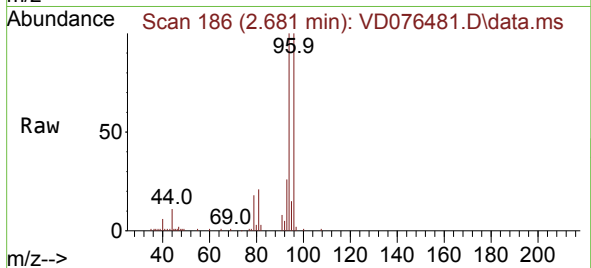




#5
Bromomethane
Concen: 43.056 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076481.D
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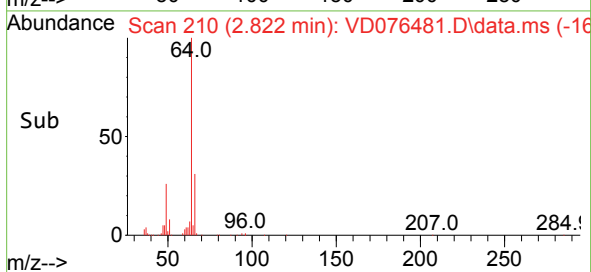
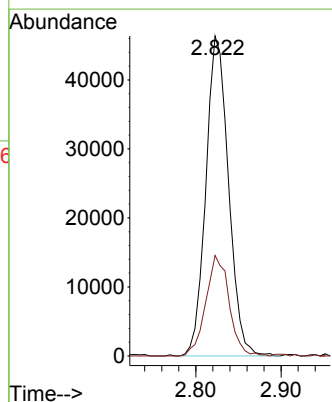
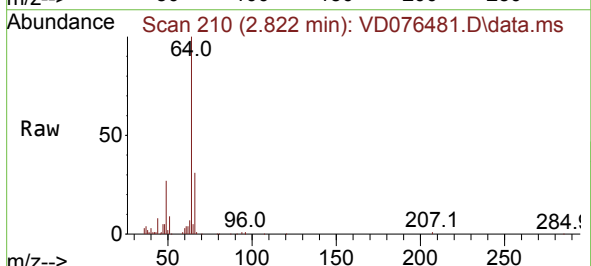
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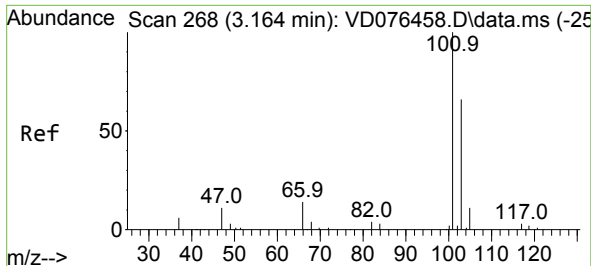
Tgt Ion: 94 Resp: 64762
Ion Ratio Lower Upper
94 100
96 95.8 75.8 113.8



#6
Chloroethane
Concen: 54.023 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 64 Resp: 85655
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

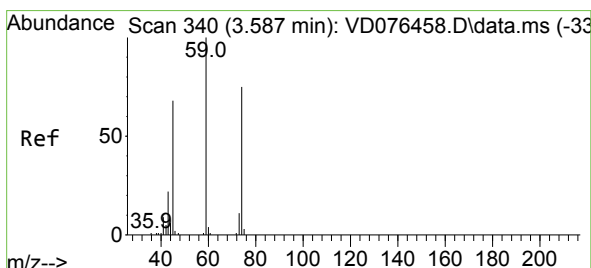
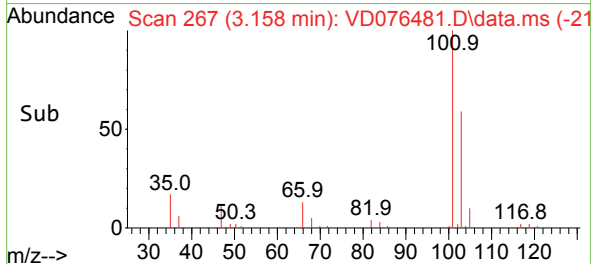
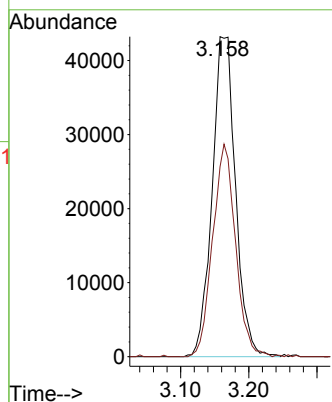
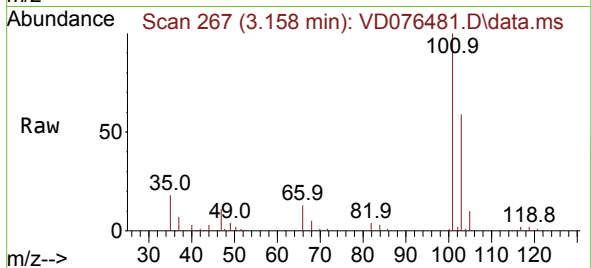




#7
Trichlorofluoromethane
Concen: 54.206 ug/l
RT: 3.158 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

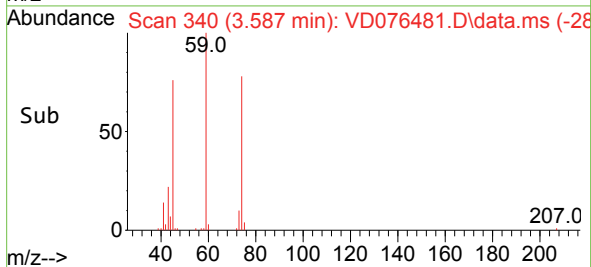
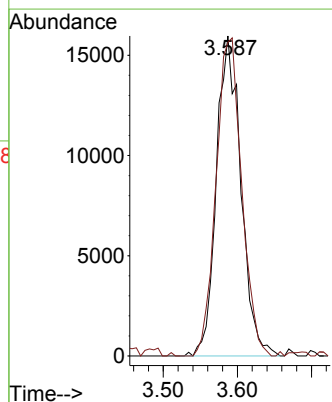
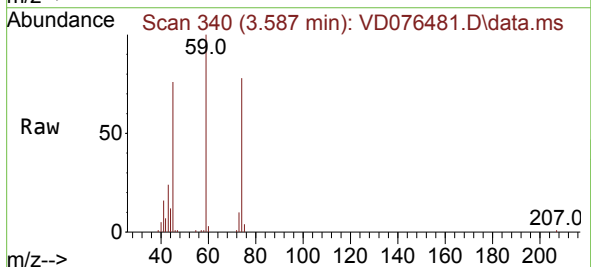
Instrument :
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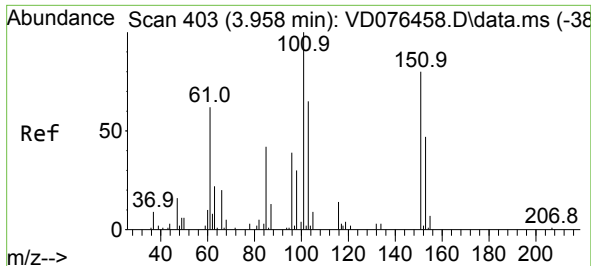
Tgt Ion:101 Resp: 103194
Ion Ratio Lower Upper
101 100
103 59.4 52.3 78.5



#8
Diethyl Ether
Concen: 51.105 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 74 Resp: 36615
Ion Ratio Lower Upper
74 100
45 103.9 37.5 112.7

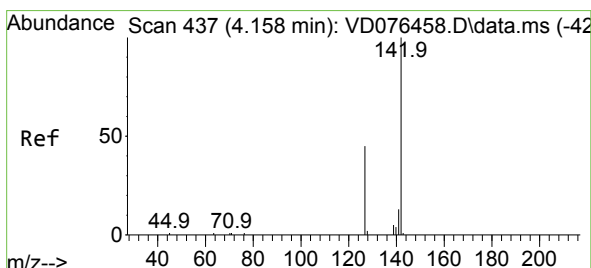
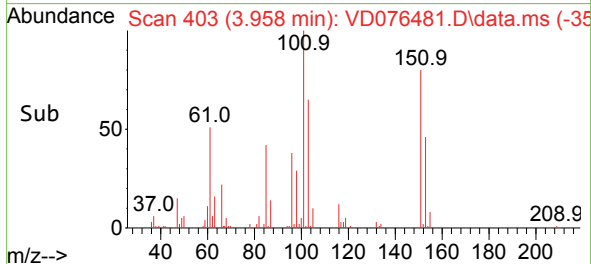
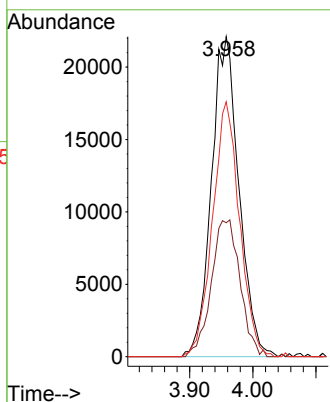
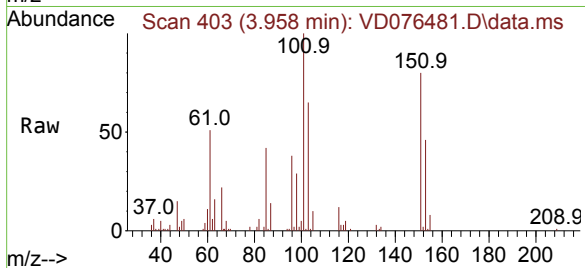




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.580 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

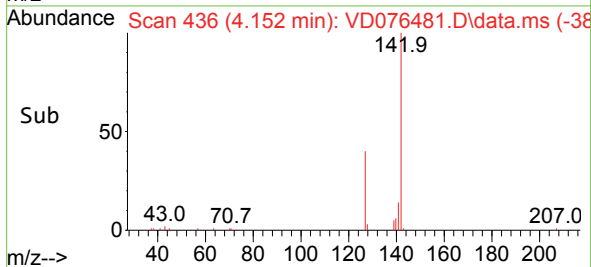
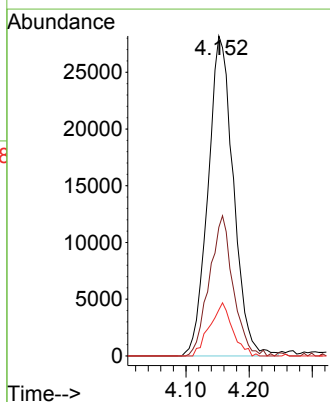
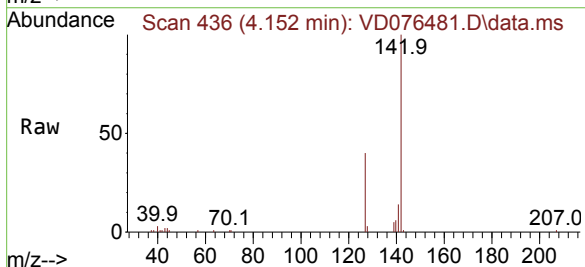
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

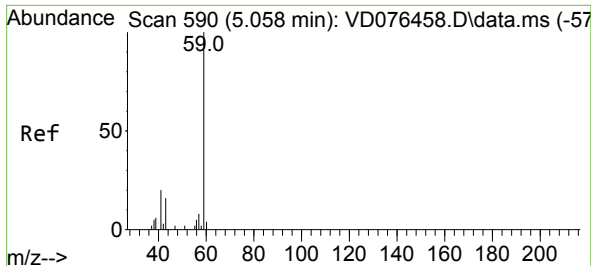
Tgt Ion:101 Resp: 66918
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 78.2 59.8 89.6



#10
Methyl Iodide
Concen: 54.142 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:142 Resp: 78699
Ion Ratio Lower Upper
142 100
127 41.2 29.4 44.0
141 15.0 11.1 16.7

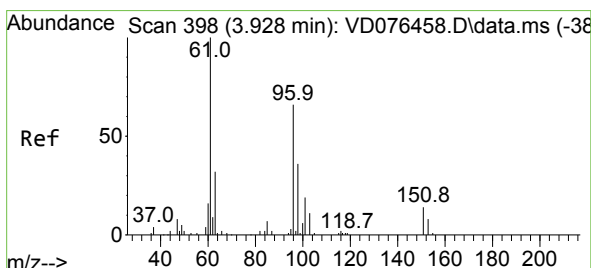
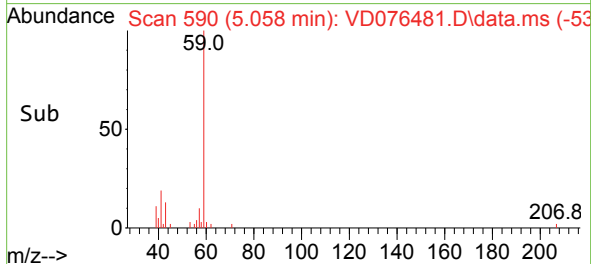
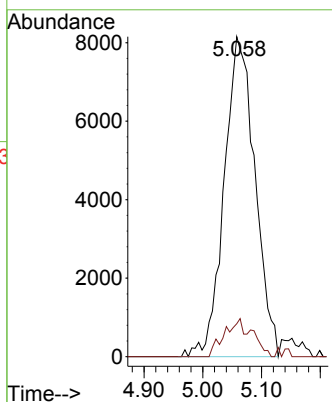
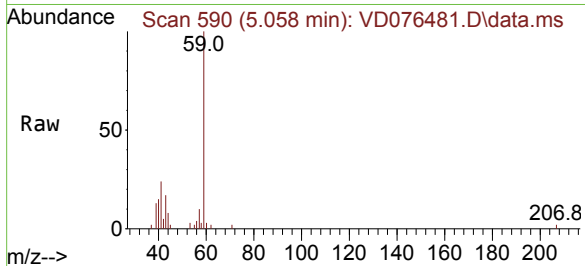




#11
Tert butyl alcohol
Concen: 261.442 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

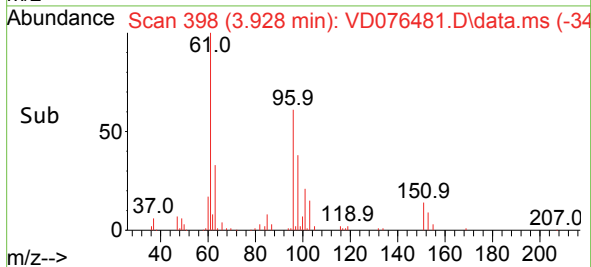
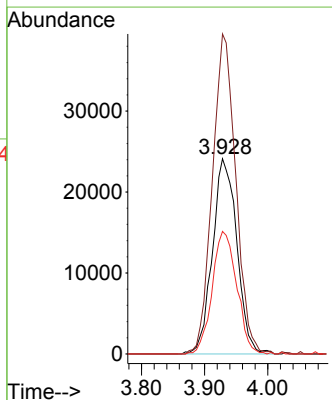
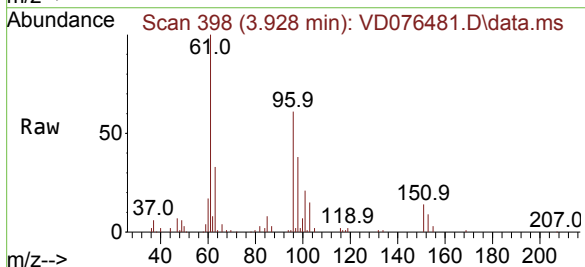
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

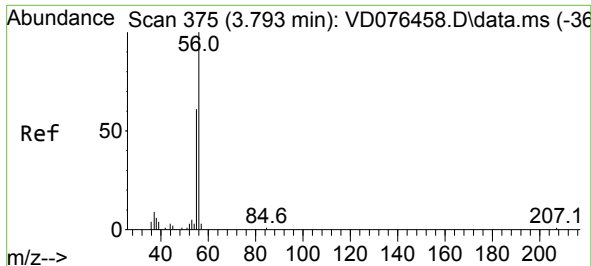
Tgt Ion: 59 Resp: 29678
Ion Ratio Lower Upper
59 100
57 7.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 53.911 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 96 Resp: 64735
Ion Ratio Lower Upper
96 100
61 163.9 100.6 150.8#
98 62.8 50.2 75.2

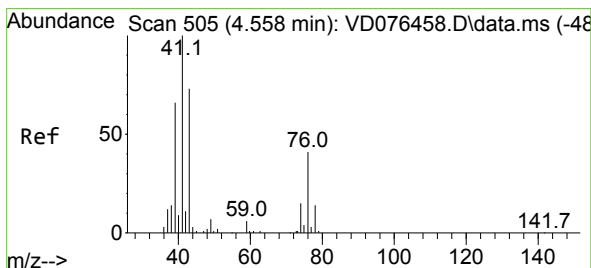
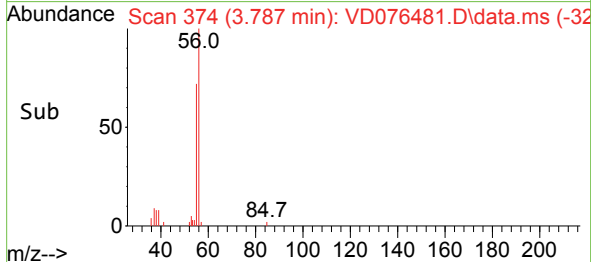
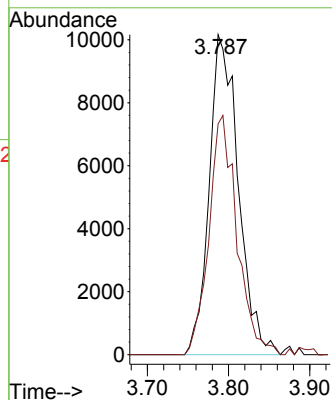
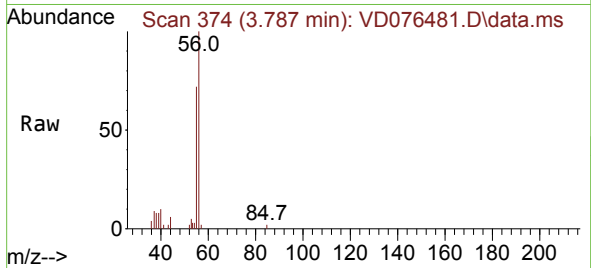




#13
Acrolein
Concen: 206.871 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

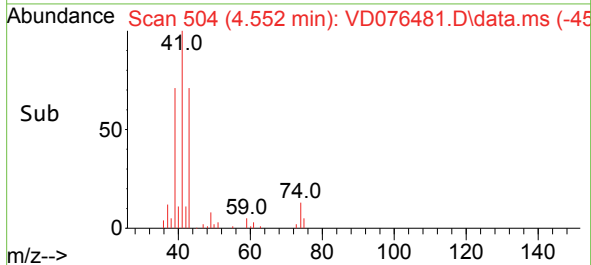
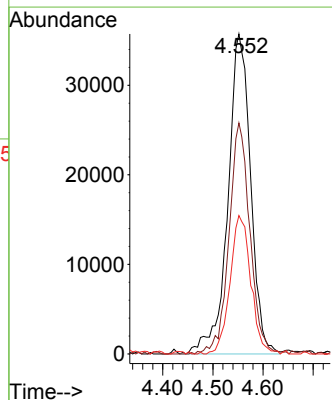
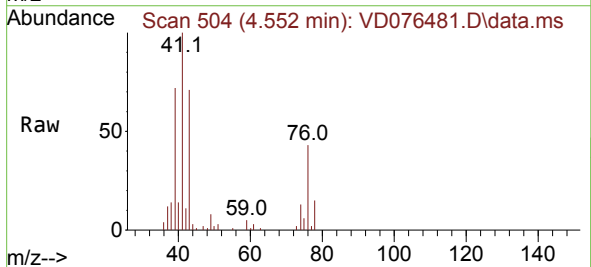
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

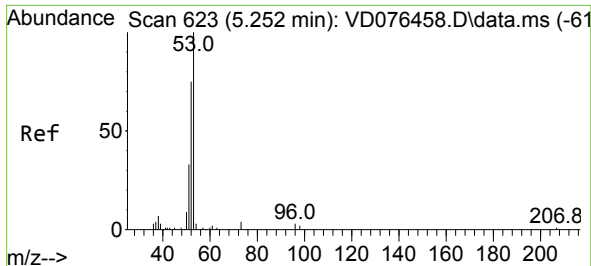
Tgt Ion: 56 Resp: 25294
Ion Ratio Lower Upper
56 100
55 72.0 55.1 82.7



#14
Allyl chloride
Concen: 51.175 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 41 Resp: 112377
Ion Ratio Lower Upper
41 100
39 66.5 53.8 80.6
76 39.5 45.8 68.8#

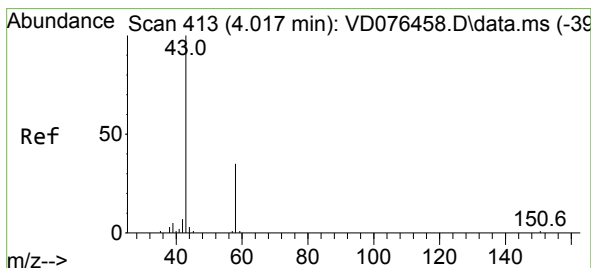
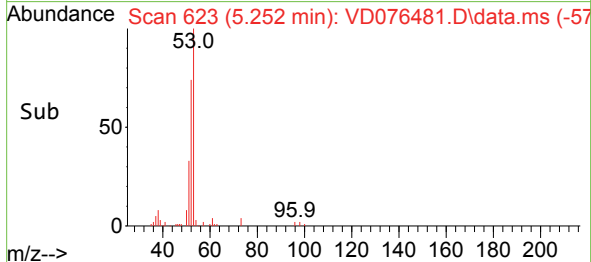
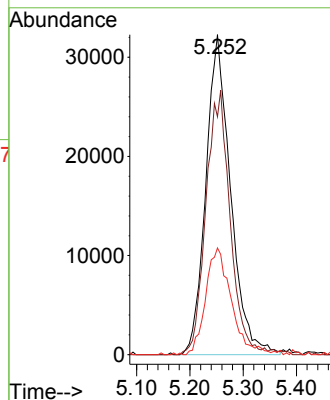
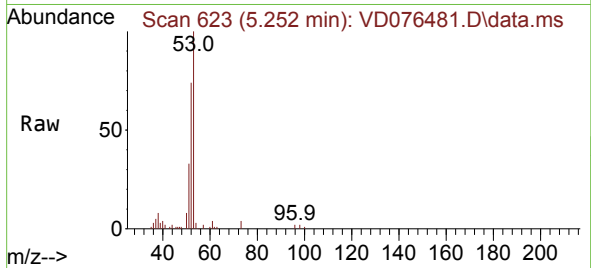




#15
Acrylonitrile
Concen: 282.483 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

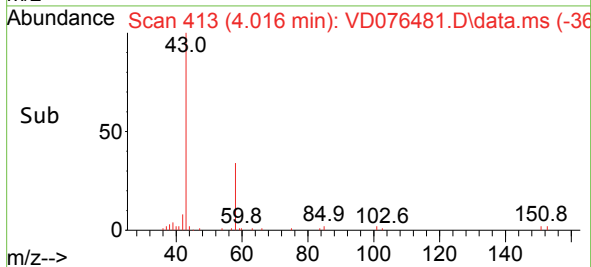
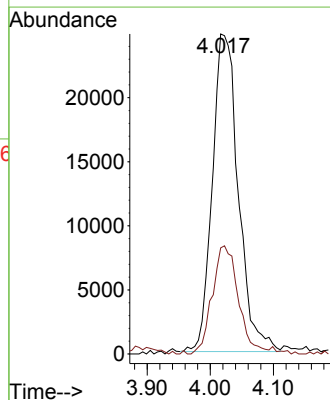
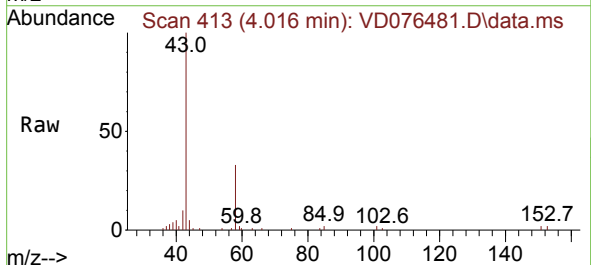
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

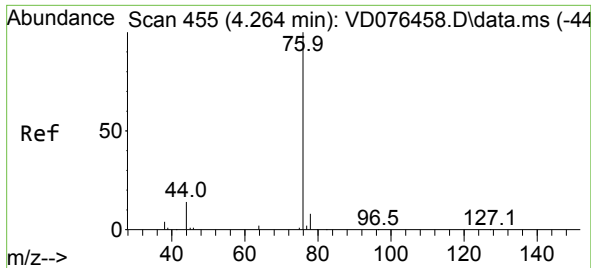
Tgt Ion: 53 Resp: 104073
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.4
51 34.5 28.3 42.5



#16
Acetone
Concen: 226.952 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 43 Resp: 71005
Ion Ratio Lower Upper
43 100
58 33.4 34.7 52.1#

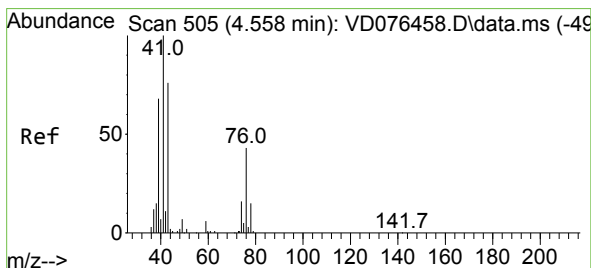
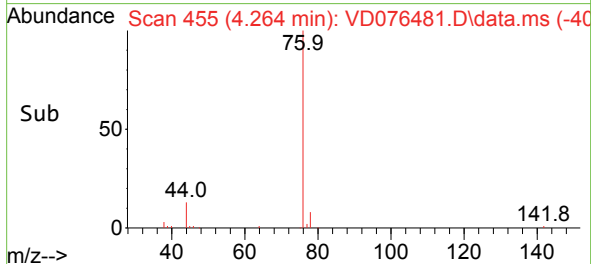
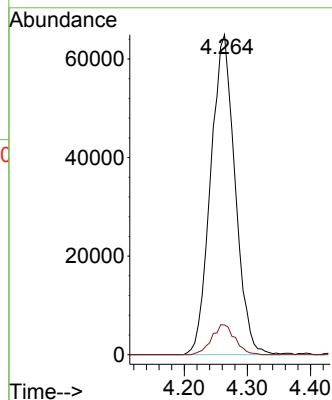
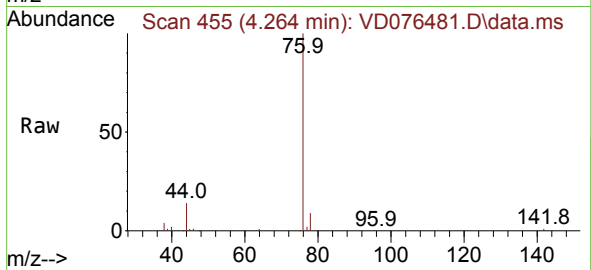




#17
Carbon Disulfide
Concen: 53.072 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

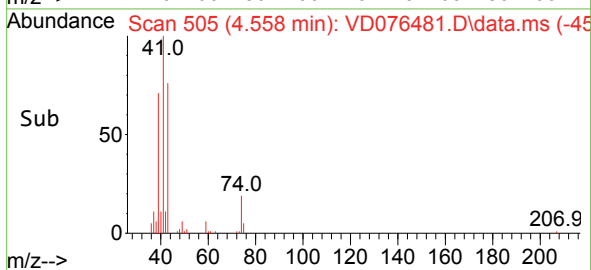
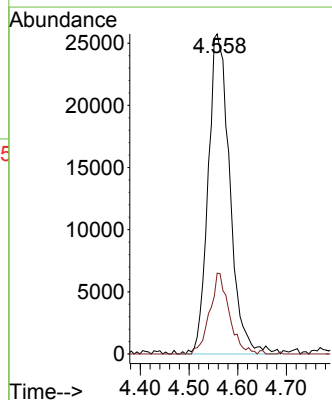
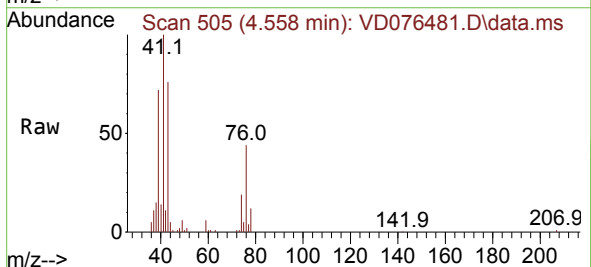
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

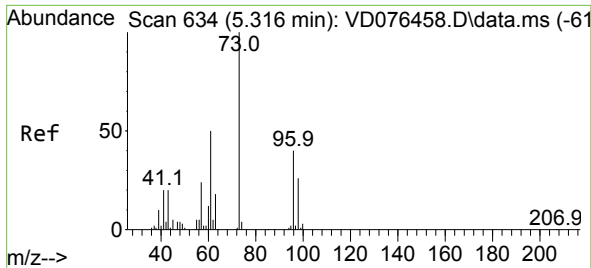
Tgt Ion: 76 Resp: 174118
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 55.102 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 43 Resp: 79448
Ion Ratio Lower Upper
43 100
74 22.7 26.4 39.6#

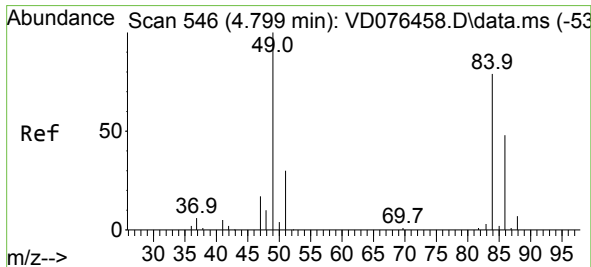
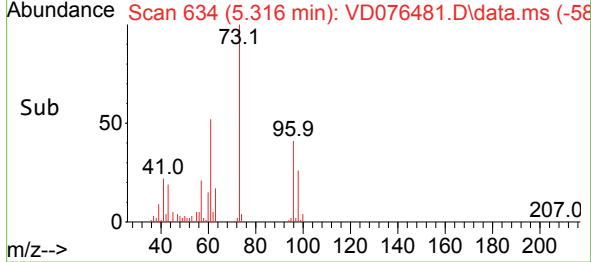
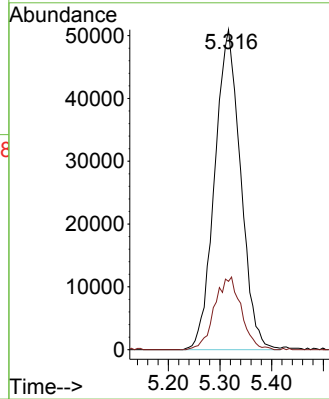
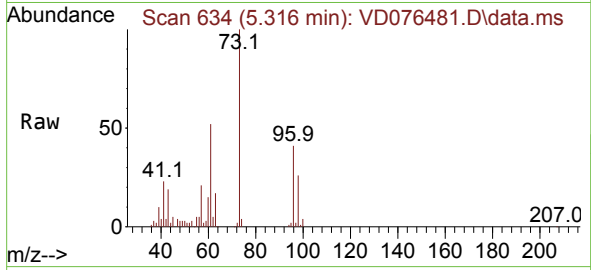




#19
Methyl tert-butyl Ether
Concen: 54.056 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

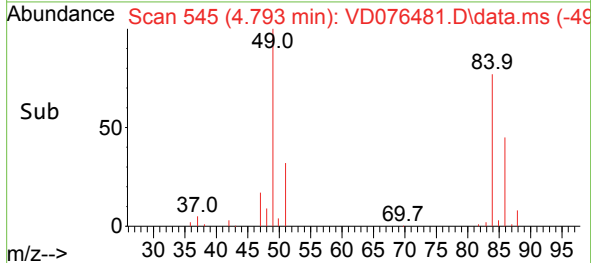
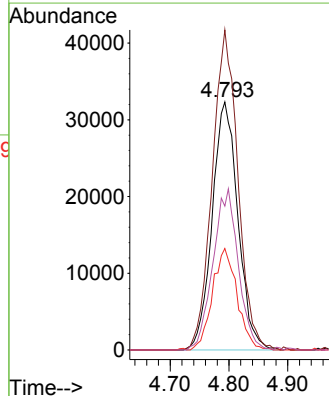
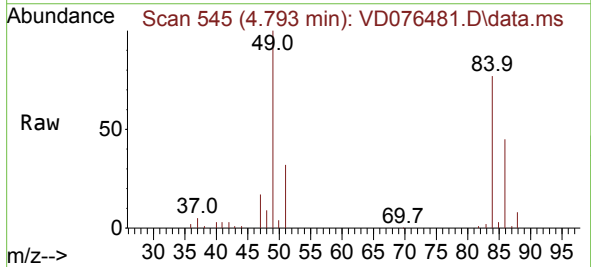
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

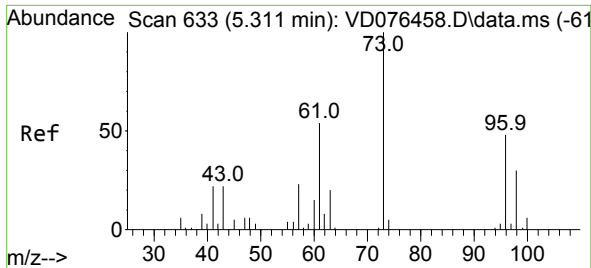
Tgt Ion: 73 Resp: 177546
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 57.243 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

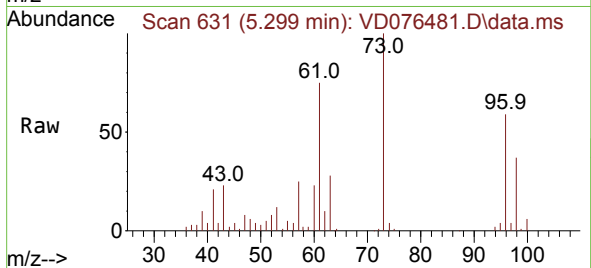
Tgt Ion: 84 Resp: 98411
Ion Ratio Lower Upper
84 100
49 129.1 71.4 107.2#
51 40.9 24.5 36.7#
86 58.0 48.7 73.1



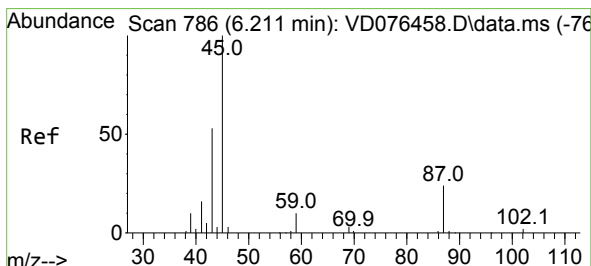
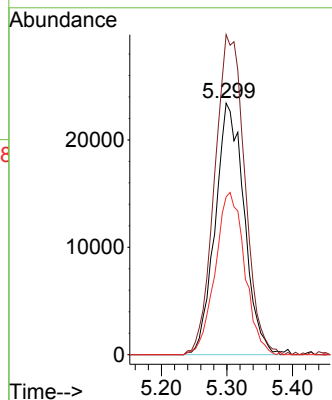
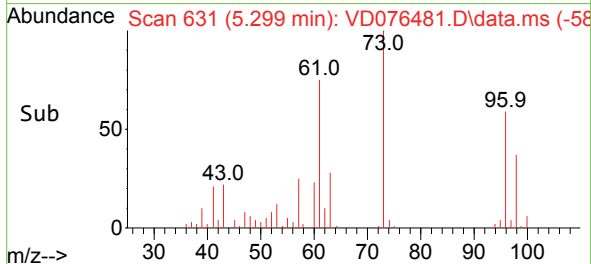


#21
trans-1,2-Dichloroethene
Concen: 51.724 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

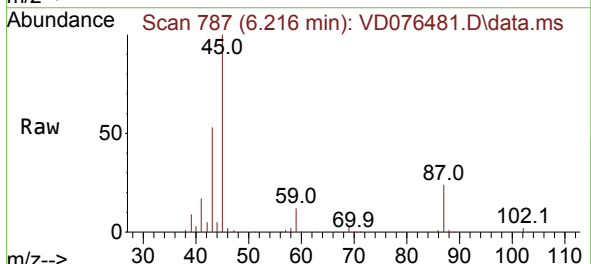
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



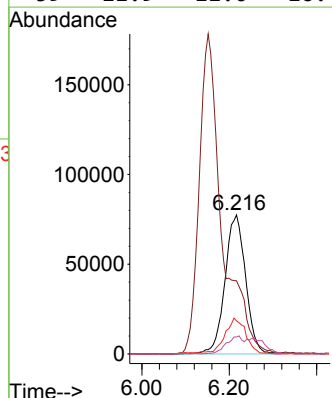
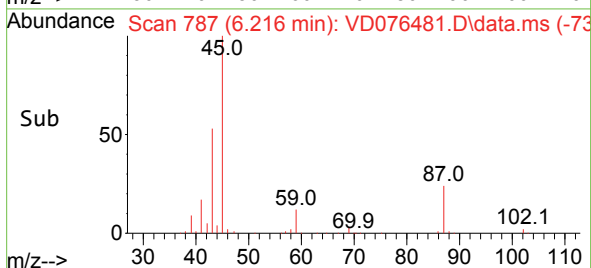
Tgt Ion:	96	Resp:	71785
Ion	Ratio	Lower	Upper
96	100		
61	127.3	89.3	133.9
98	62.8	48.6	73.0

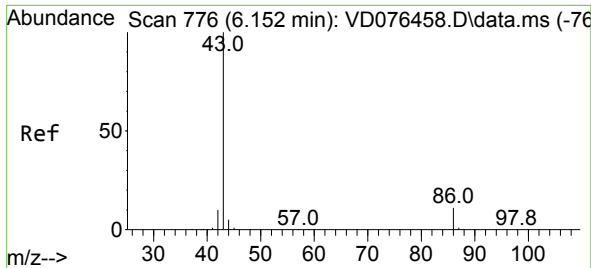


#22
Diisopropyl ether
Concen: 53.575 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47



Tgt Ion:	45	Resp:	254394
Ion	Ratio	Lower	Upper
45	100		
43	51.8	40.0	60.0
87	23.8	28.2	42.4#
59	11.9	11.0	16.4

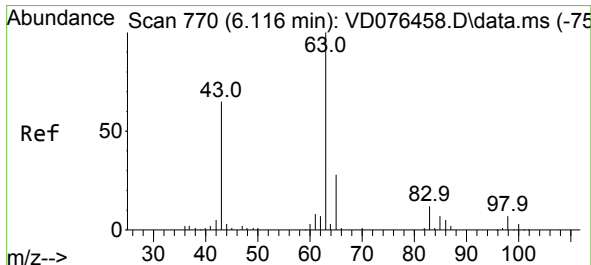
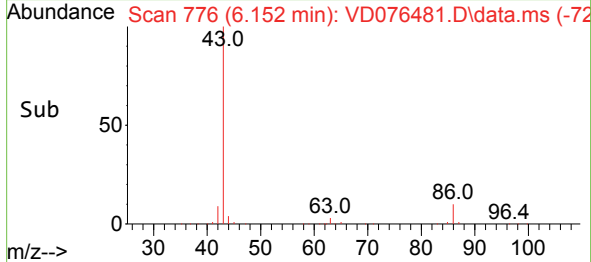
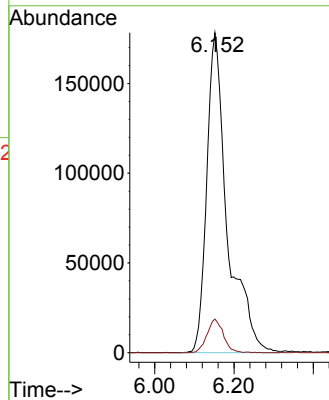
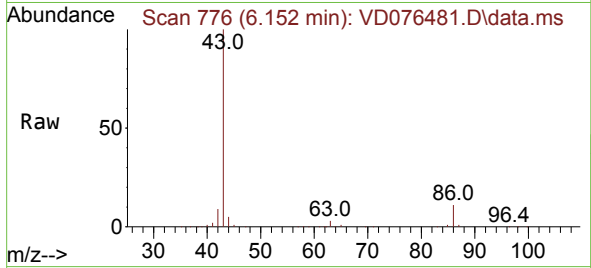




#23
 Vinyl Acetate
 Concen: 273.581 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076481.D
 Acq: 19 Jun 2023 20:47

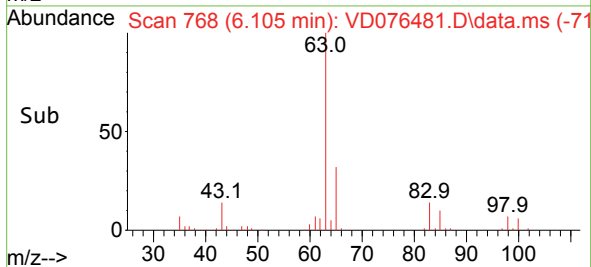
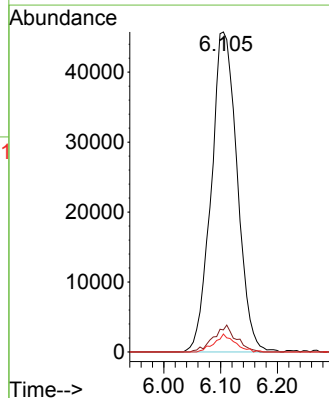
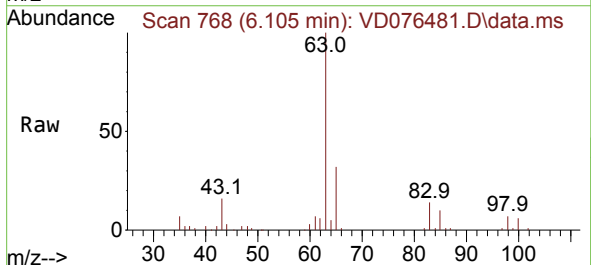
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

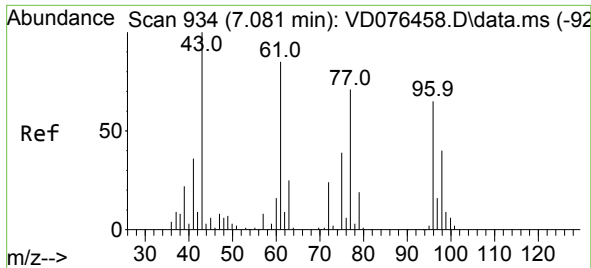
Tgt Ion: 43 Resp: 643907
 Ion Ratio Lower Upper
 43 100
 86 10.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 54.794 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076481.D
 Acq: 19 Jun 2023 20:47

Tgt Ion: 63 Resp: 145288
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 5.6 2.5 7.5

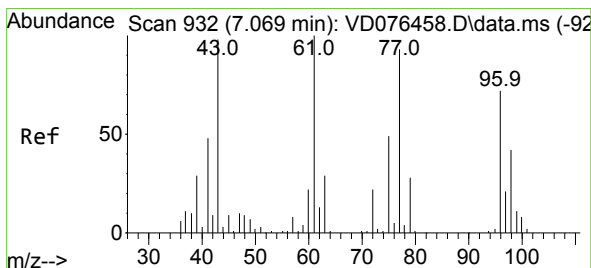
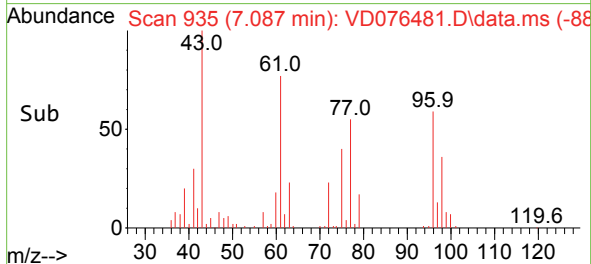
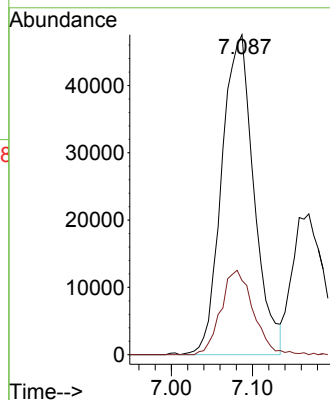
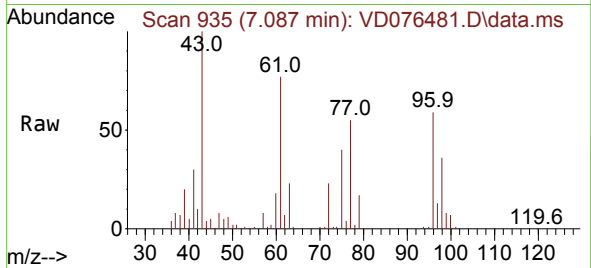




#25
2-Butanone
Concen: 270.856 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

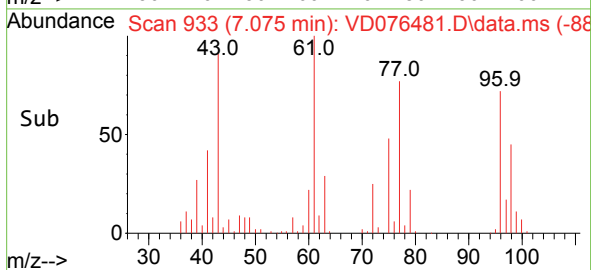
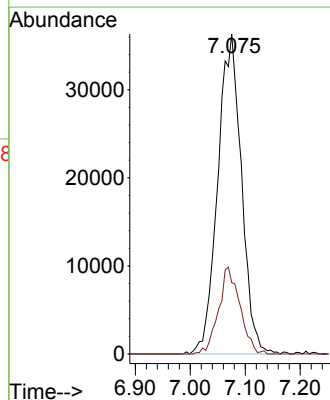
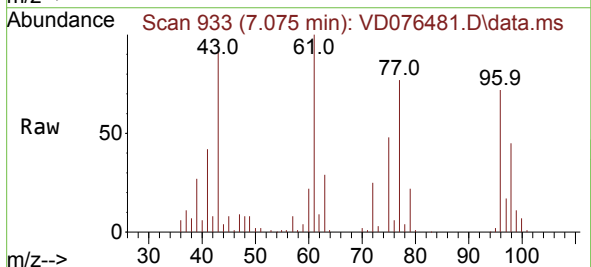
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

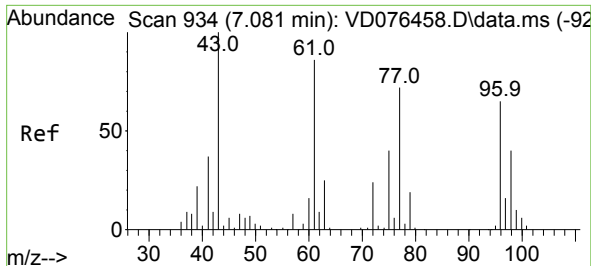
Tgt Ion: 43 Resp: 131068
Ion Ratio Lower Upper
43 100
72 23.2 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 47.573 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 77 Resp: 108755
Ion Ratio Lower Upper
77 100
97 24.5 13.2 39.6

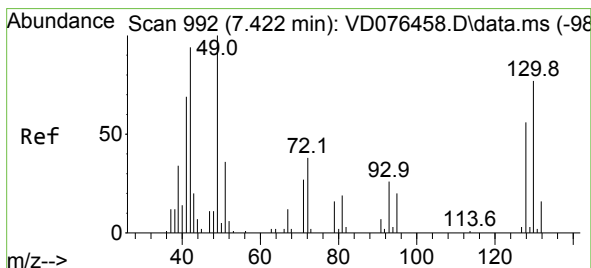
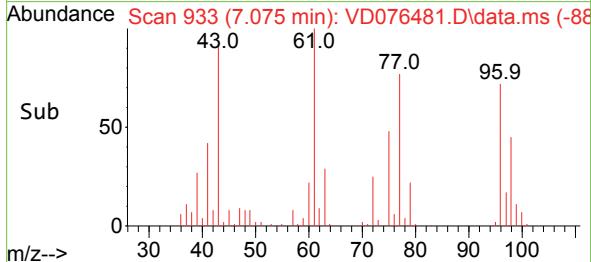
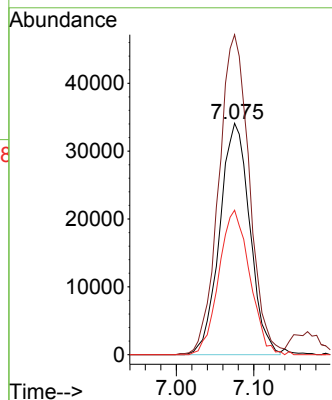
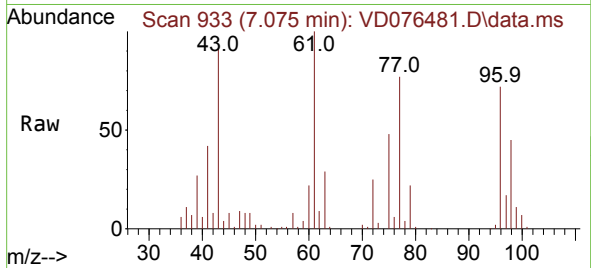




#27
cis-1,2-Dichloroethene
Concen: 54.827 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

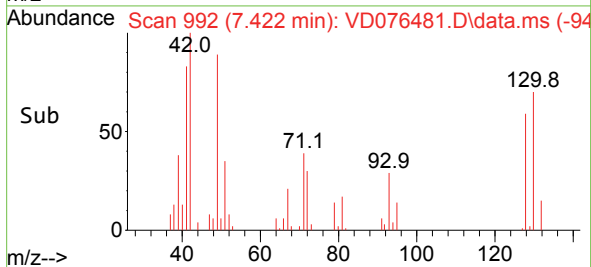
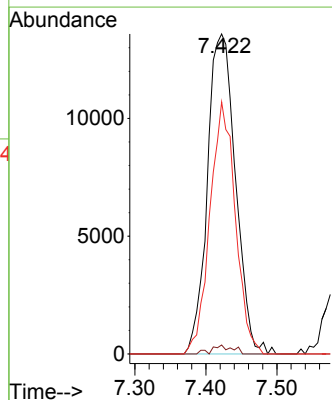
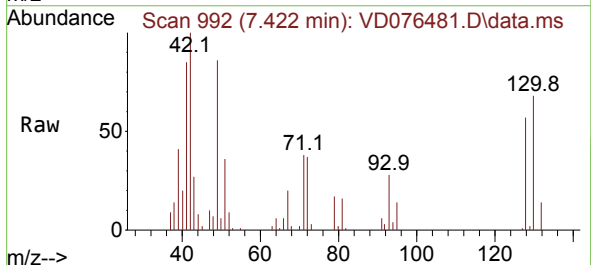
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

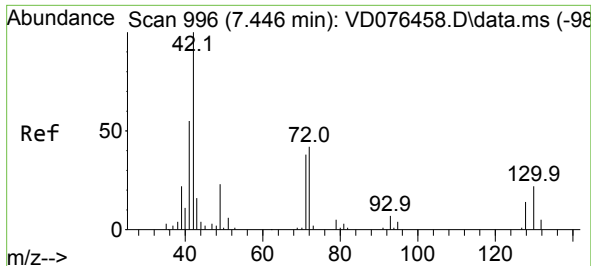
Tgt Ion: 96 Resp: 92090
Ion Ratio Lower Upper
96 100
61 140.5 0.0 239.2
98 64.1 0.0 128.6



#28
Bromochloromethane
Concen: 48.941 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 49 Resp: 37419
Ion Ratio Lower Upper
49 100
129 2.0 0.0 6.0
130 71.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 272.476 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

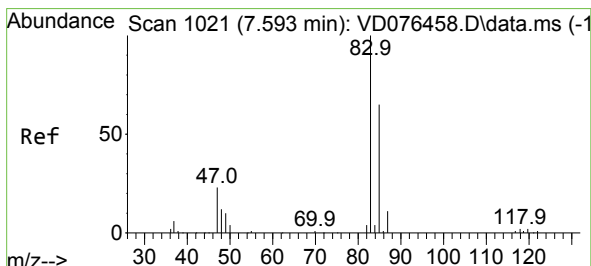
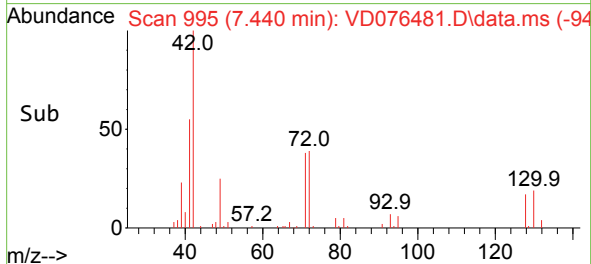
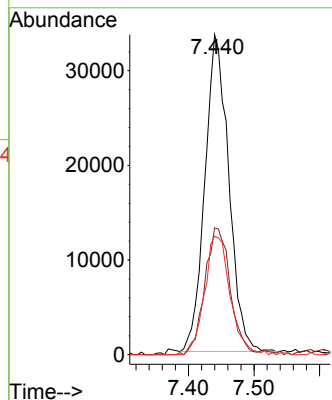
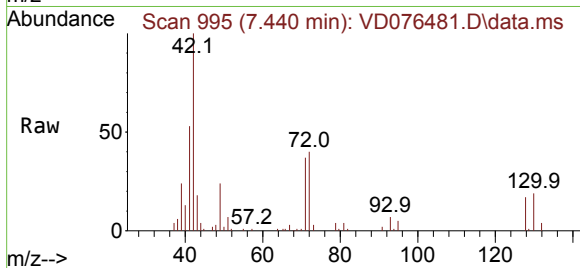
Tgt Ion: 42 Resp: 84735

Ion Ratio Lower Upper

42 100

72 42.6 46.5 69.7#

71 40.1 44.5 66.7#



#30

Chloroform

Concen: 54.384 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076481.D

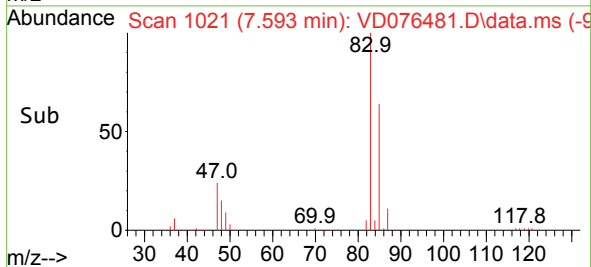
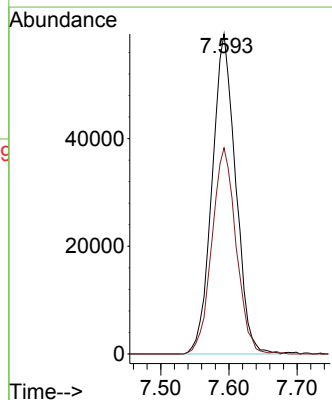
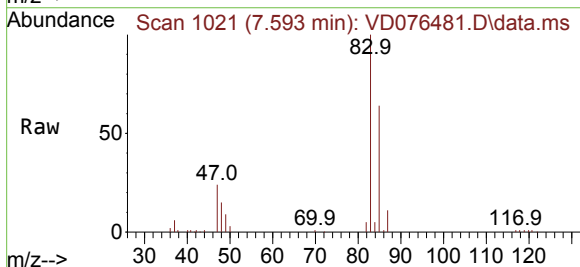
Acq: 19 Jun 2023 20:47

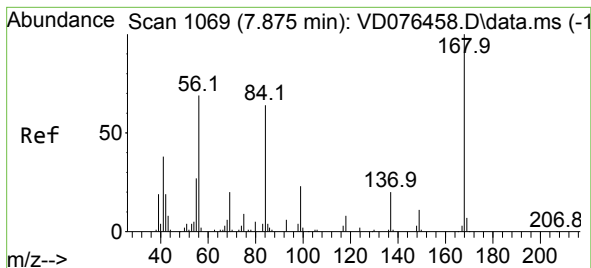
Tgt Ion: 83 Resp: 142782

Ion Ratio Lower Upper

83 100

85 64.4 53.4 80.2

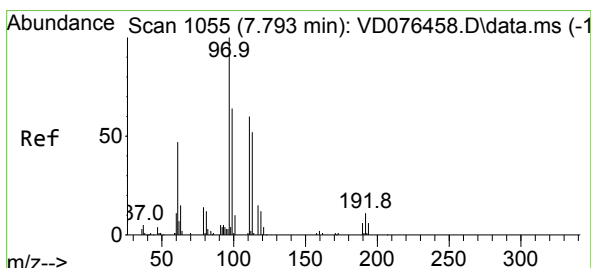
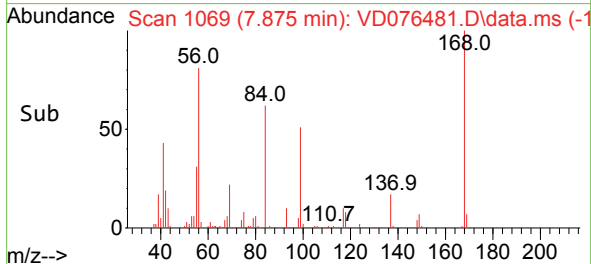
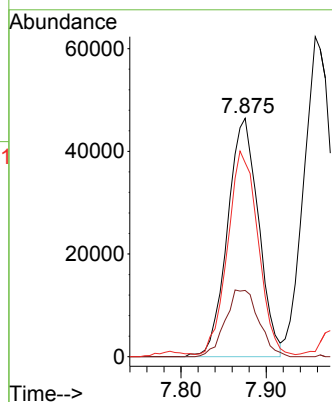
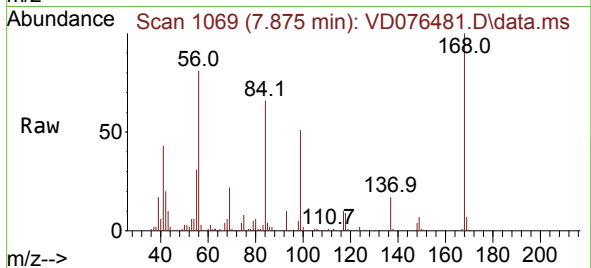




#31
Cyclohexane
Concen: 58.032 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

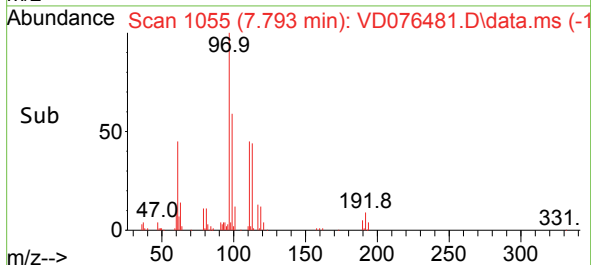
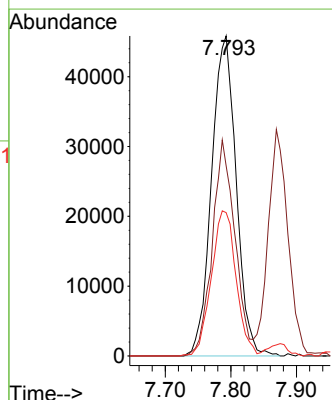
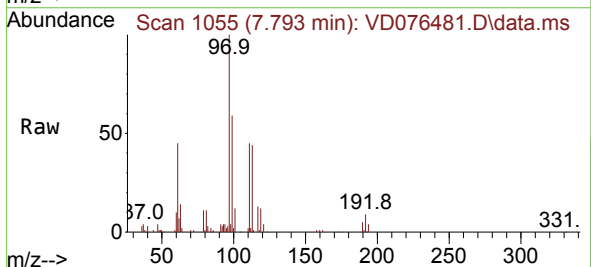
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

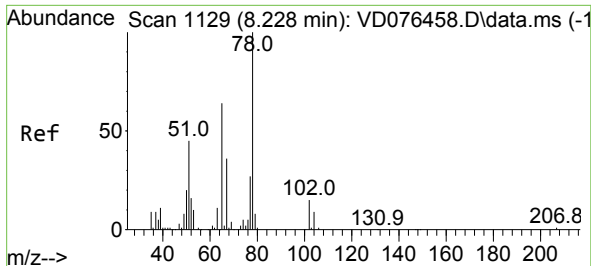
Tgt Ion: 56 Resp: 117707
Ion Ratio Lower Upper
56 100
69 27.8 28.6 43.0#
84 79.7 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 56.262 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 97 Resp: 119405
Ion Ratio Lower Upper
97 100
99 62.2 52.0 78.0
61 45.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.752 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

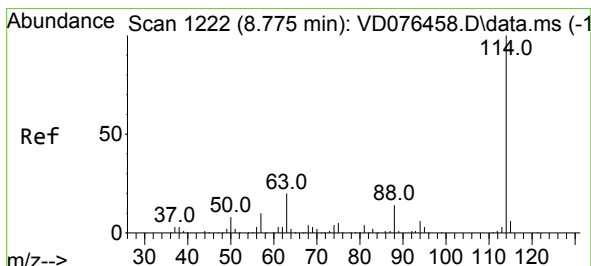
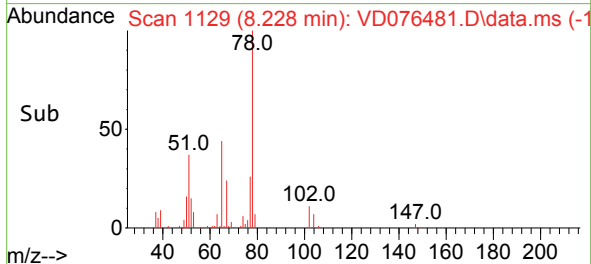
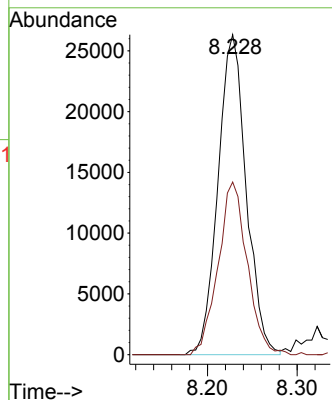
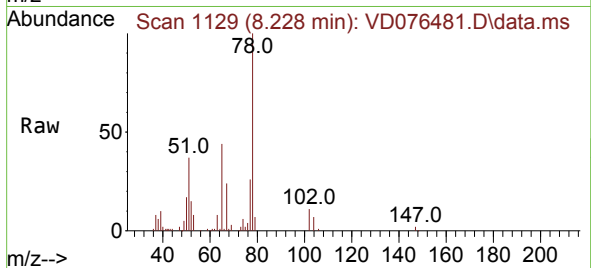
VSTDCCC050EC

Tgt Ion: 65 Resp: 57524

Ion Ratio Lower Upper

65 100

67 55.6 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: VD076481.D

Acq: 19 Jun 2023 20:47

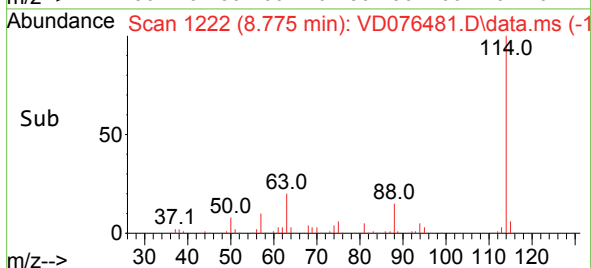
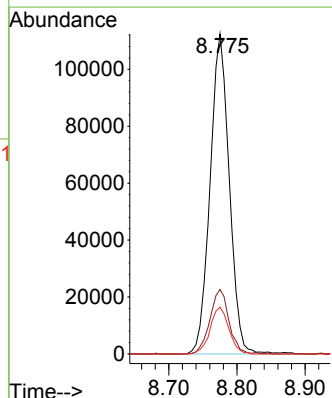
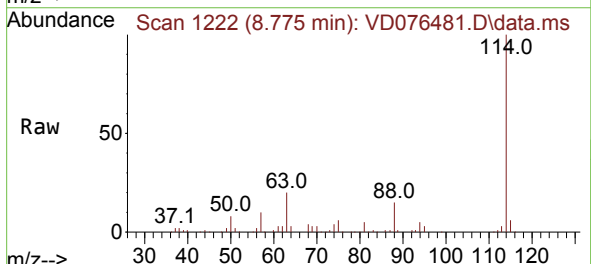
Tgt Ion: 114 Resp: 220117

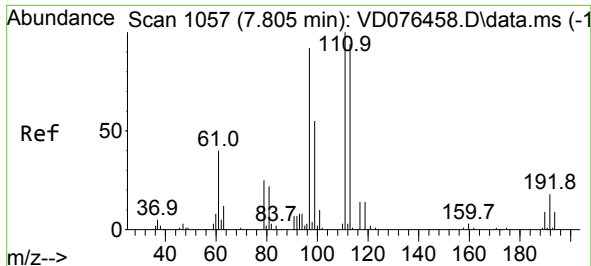
Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 14.6 0.0 26.2

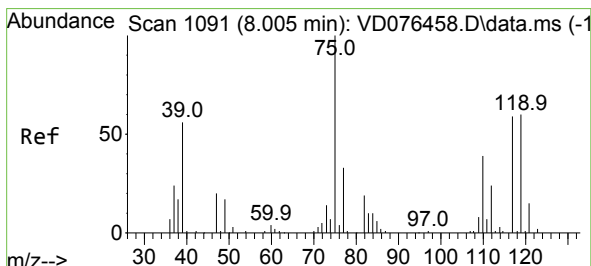
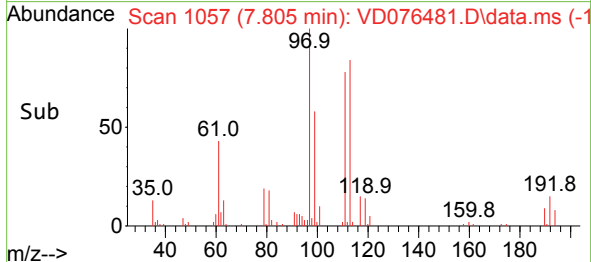
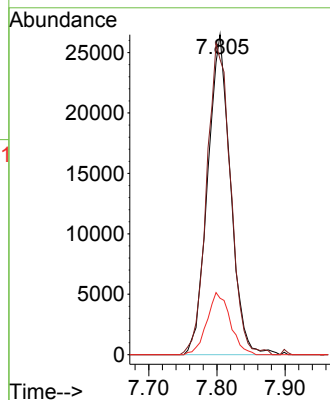
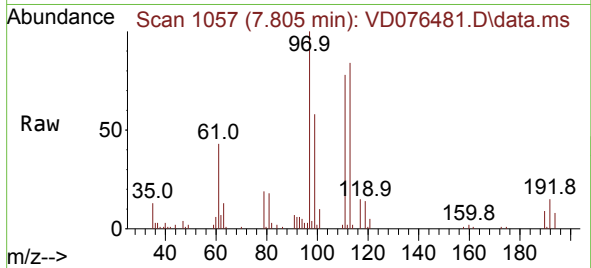




#35
Dibromofluoromethane
Concen: 47.200 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

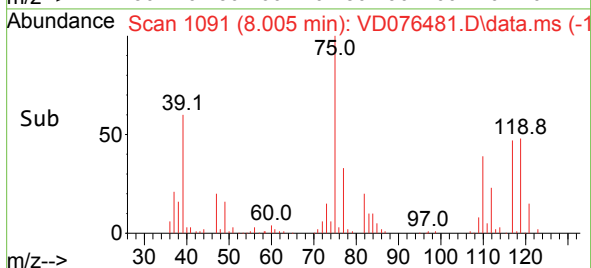
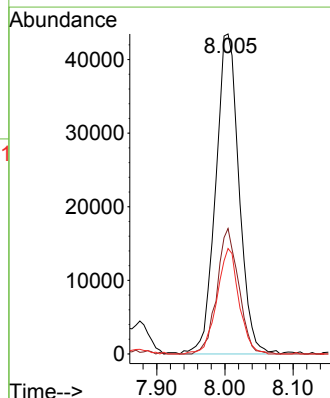
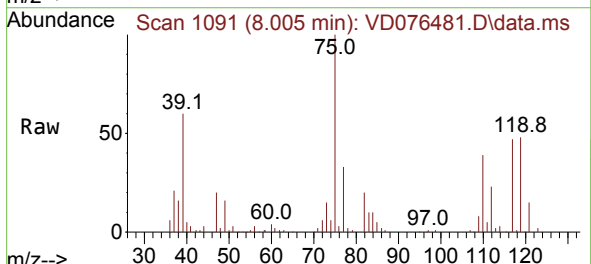
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

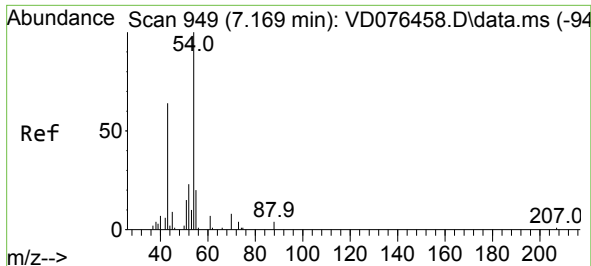
Tgt Ion:113 Resp: 61721
Ion Ratio Lower Upper
113 100
111 101.5 84.7 127.1
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 56.619 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 75 Resp: 103680
Ion Ratio Lower Upper
75 100
110 36.5 19.9 59.6
77 31.2 24.7 37.1

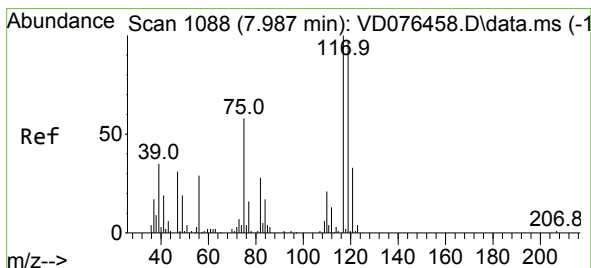
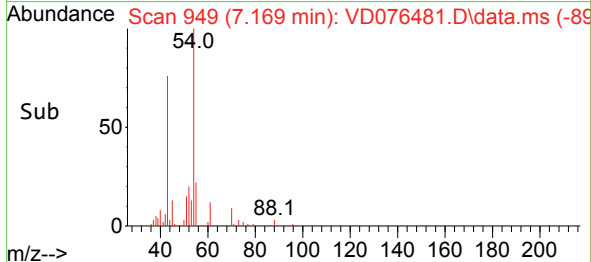
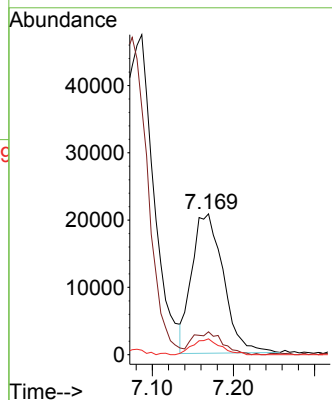
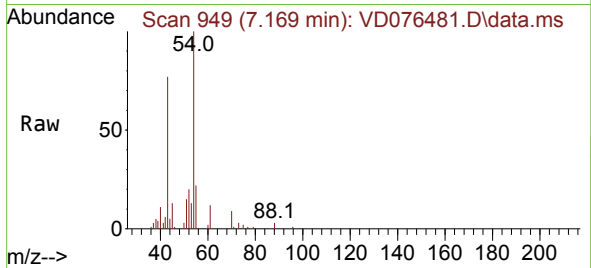




#37
Ethyl Acetate
Concen: 52.740 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

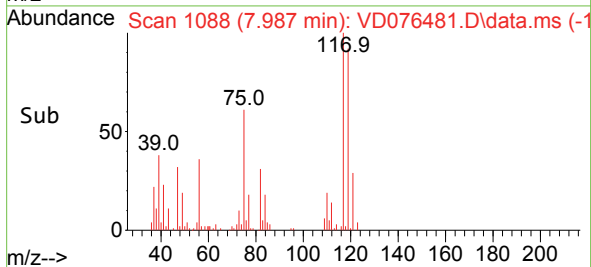
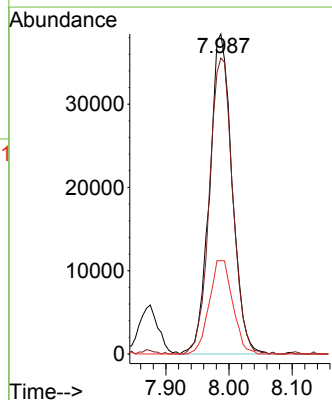
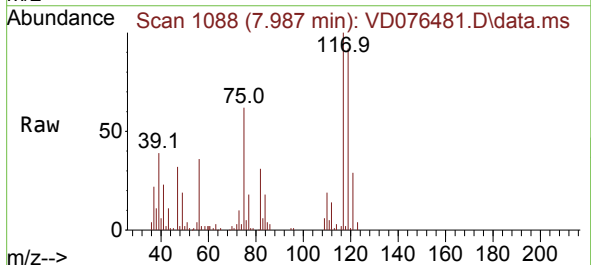
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

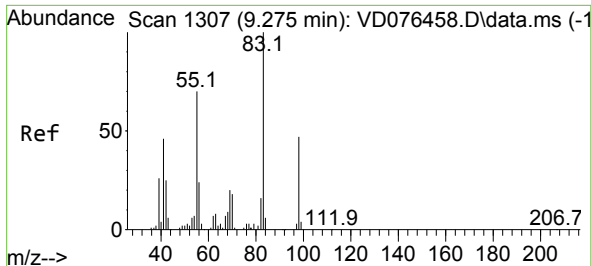
Tgt Ion: 43 Resp: 55963
Ion Ratio Lower Upper
43 100
61 15.4 14.9 22.3
70 10.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 58.333 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 117 Resp: 95475
Ion Ratio Lower Upper
117 100
119 92.4 78.0 117.0
121 29.1 24.2 36.2





#39

Methylcyclohexane

Concen: 58.449 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

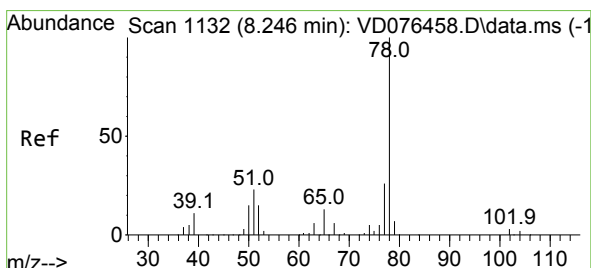
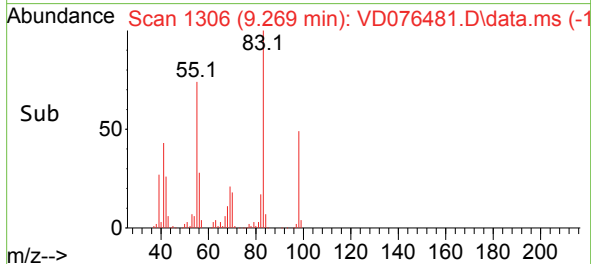
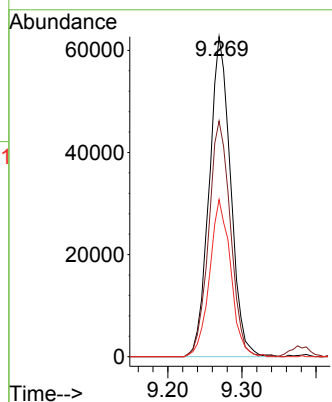
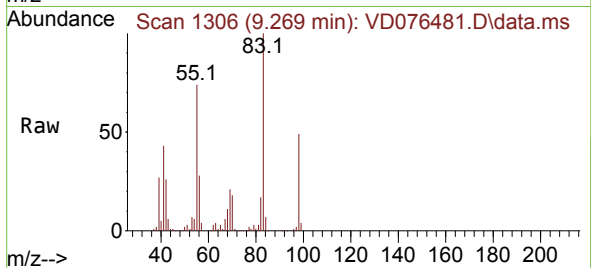
Tgt Ion: 83 Resp: 125604

Ion Ratio Lower Upper

83 100

55 73.7 49.4 74.0

98 49.1 38.4 57.6



#40

Benzene

Concen: 57.099 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076481.D

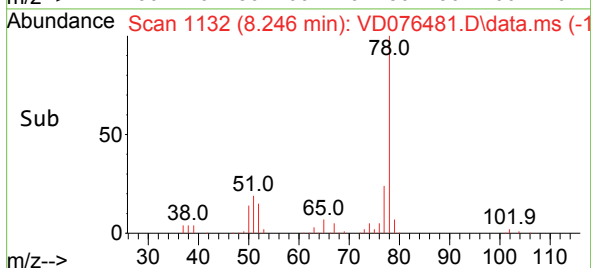
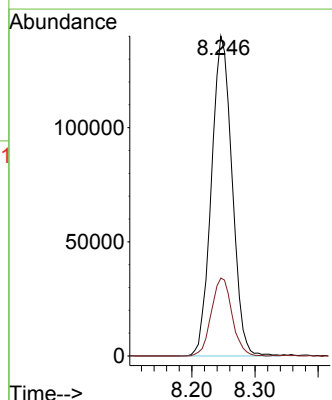
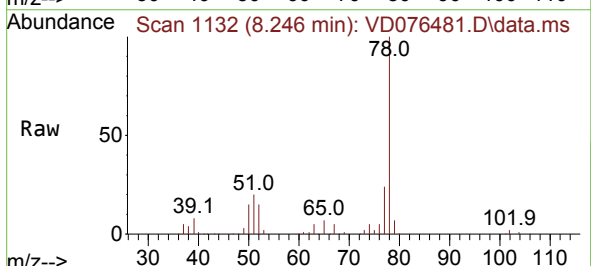
Acq: 19 Jun 2023 20:47

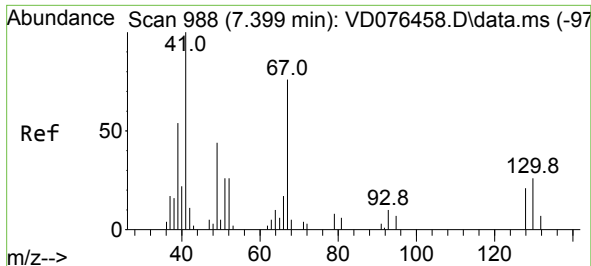
Tgt Ion: 78 Resp: 318856

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

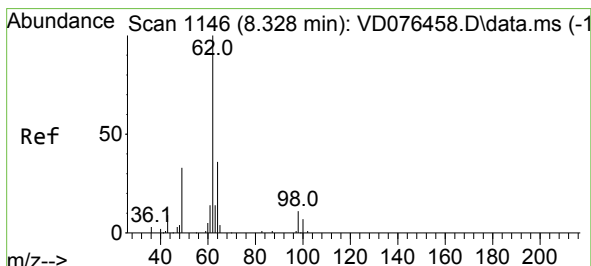
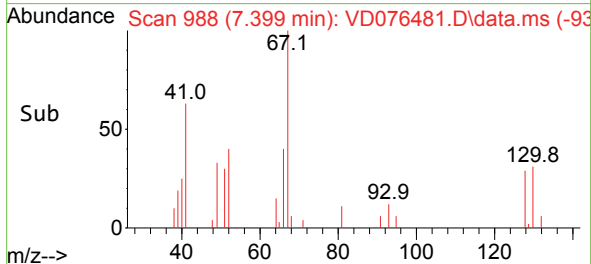
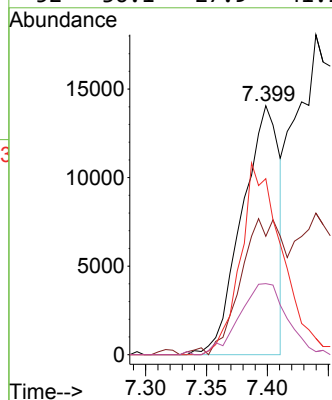
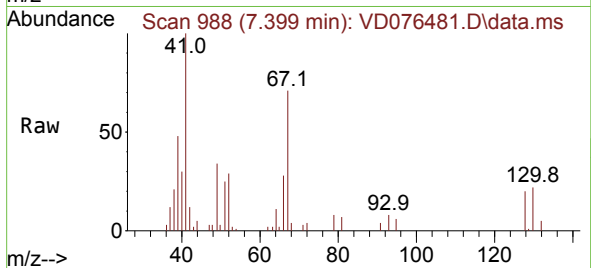




#41
Methacrylonitrile
Concen: 50.004 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

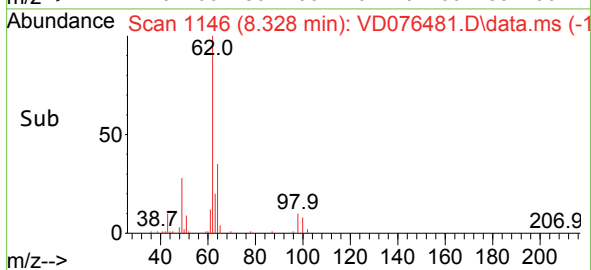
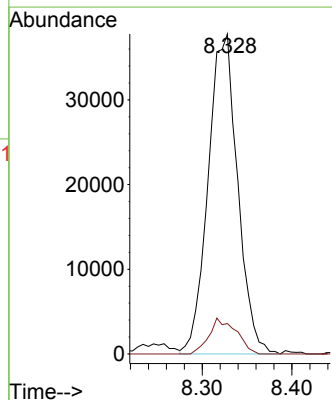
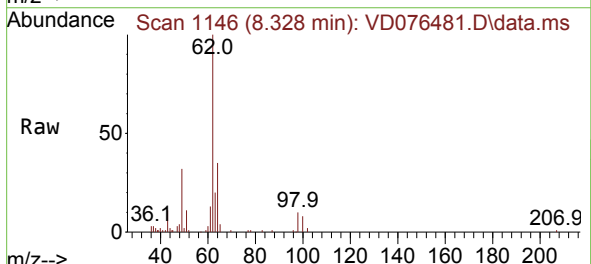
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

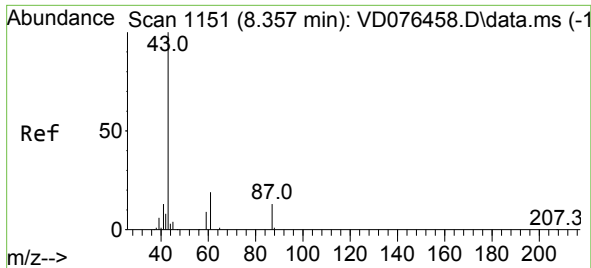
Tgt Ion: 41 Resp: 29962
Ion Ratio Lower Upper
41 100
39 63.9 34.0 51.0#
67 86.0 77.0 115.4
52 36.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 57.109 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 62 Resp: 86172
Ion Ratio Lower Upper
62 100
98 10.3 0.0 25.4

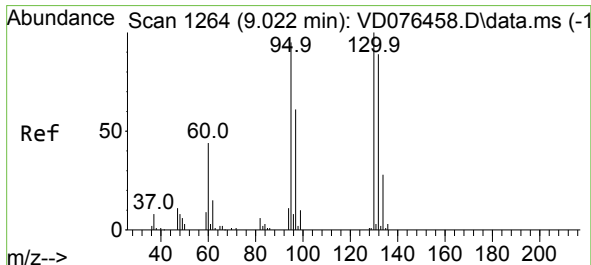
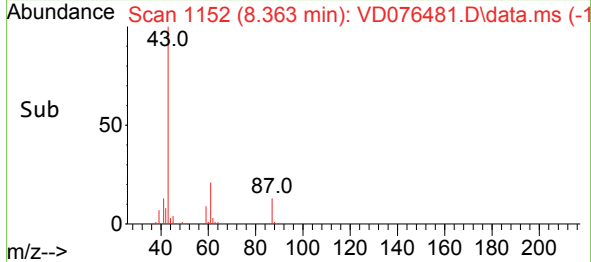
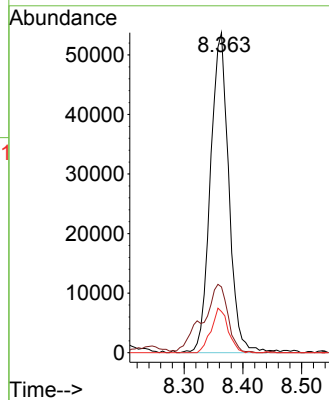
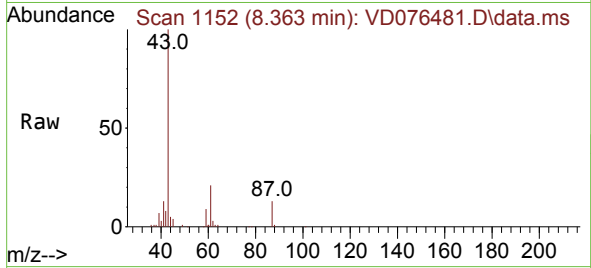




#43
Isopropyl Acetate
Concen: 58.048 ug/l
RT: 8.363 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

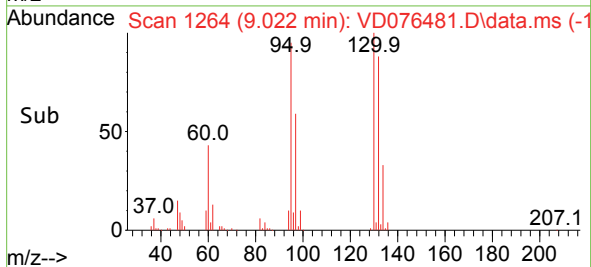
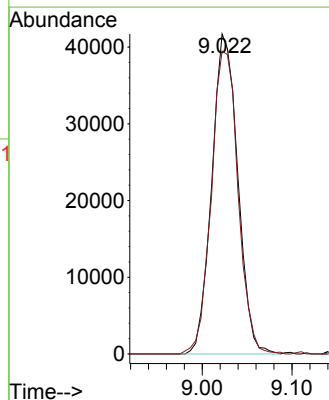
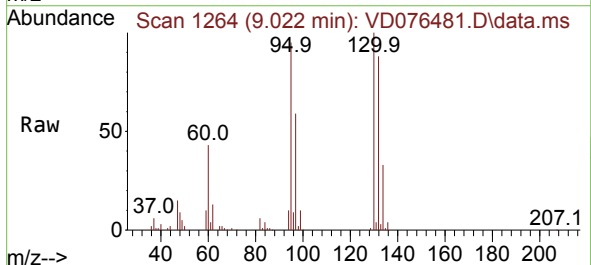
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

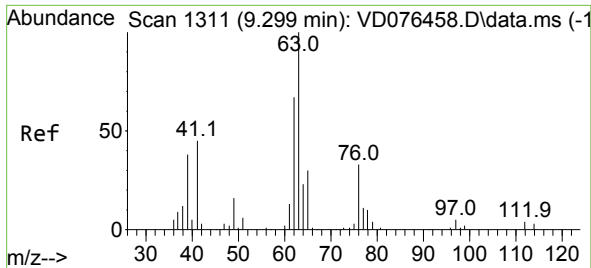
Tgt Ion: 43 Resp: 116613
Ion Ratio Lower Upper
43 100
61 29.2 31.4 47.0#
87 12.8 14.9 22.3#



#44
Trichloroethene
Concen: 55.534 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:130 Resp: 83657
Ion Ratio Lower Upper
130 100
95 94.7 0.0 179.2

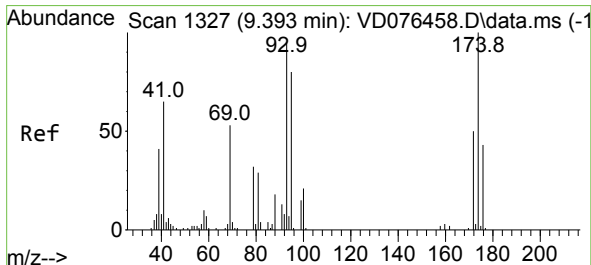
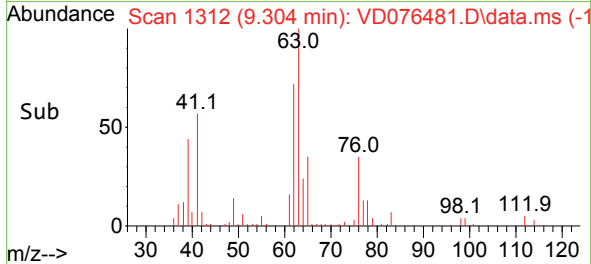
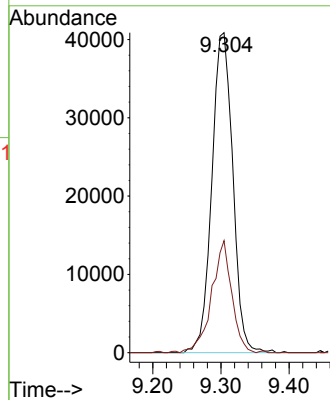
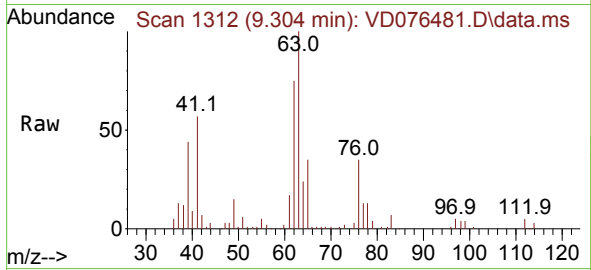




#45
1,2-Dichloropropane
Concen: 57.772 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

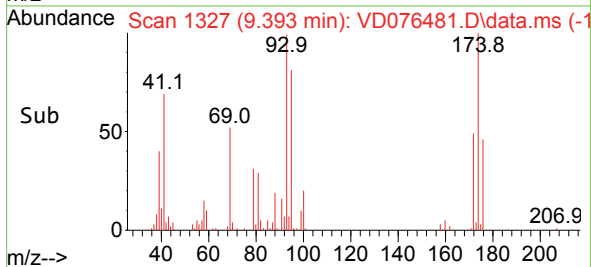
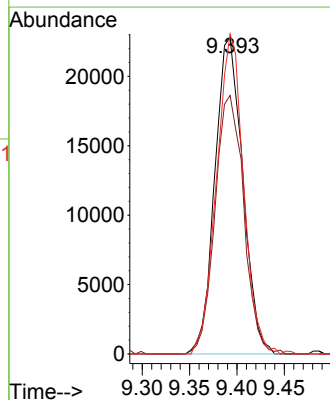
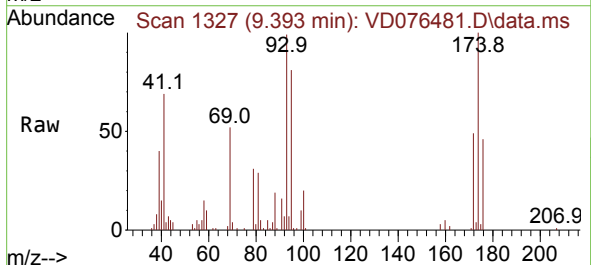
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

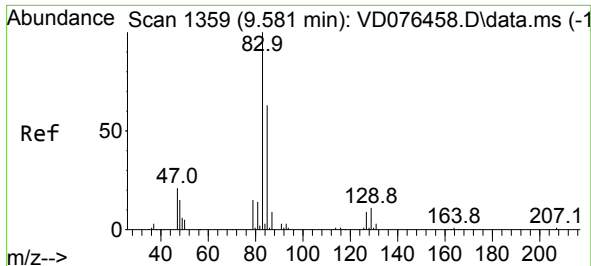
Tgt Ion: 63 Resp: 87472
Ion Ratio Lower Upper
63 100
65 35.0 24.5 36.7



#46
Dibromomethane
Concen: 57.561 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 93 Resp: 46687
Ion Ratio Lower Upper
93 100
95 84.2 67.7 101.5
174 98.0 85.4 128.2

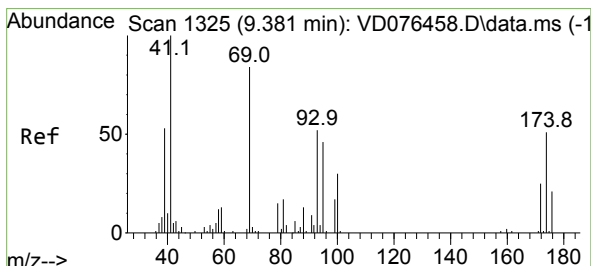
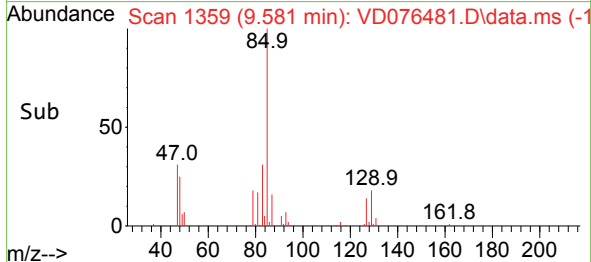
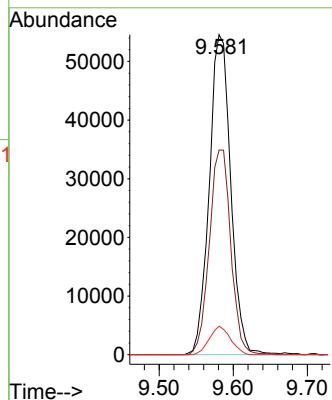
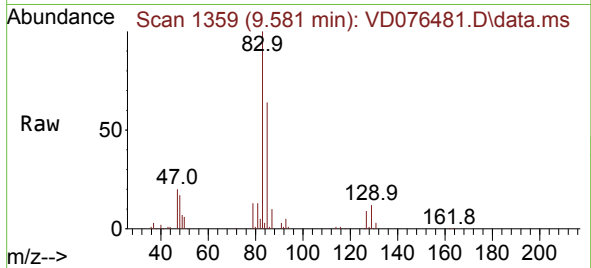




#47
Bromodichloromethane
Concen: 56.632 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

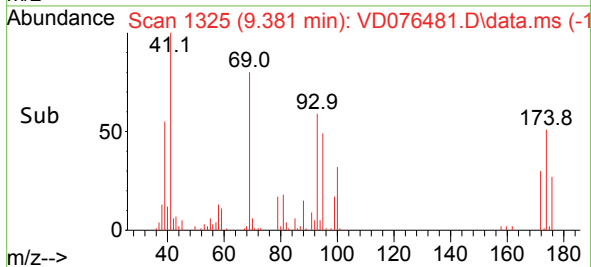
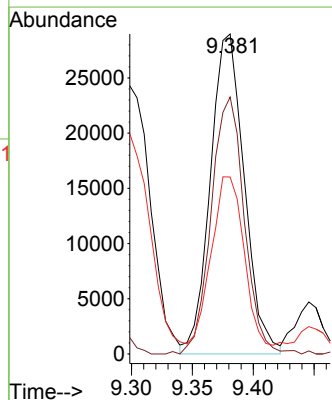
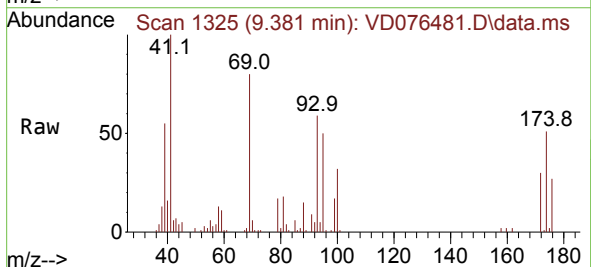
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

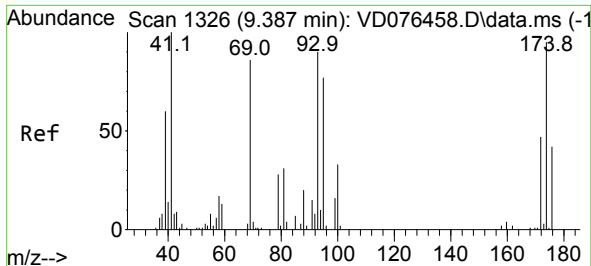
Tgt Ion: 83 Resp: 109922
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 60.988 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 41 Resp: 56155
Ion Ratio Lower Upper
41 100
69 78.4 102.2 153.2#
39 50.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1186.760 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

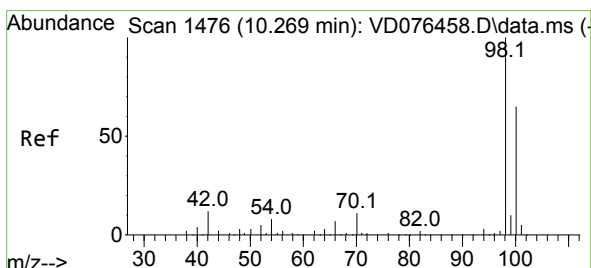
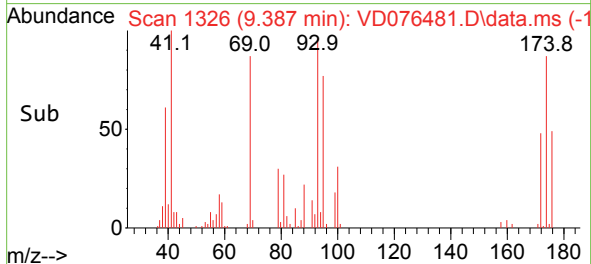
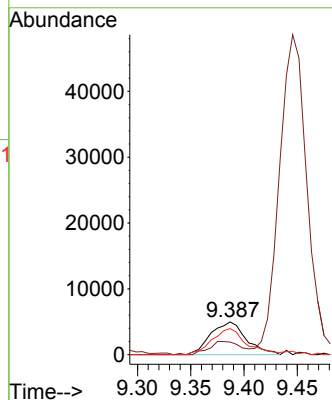
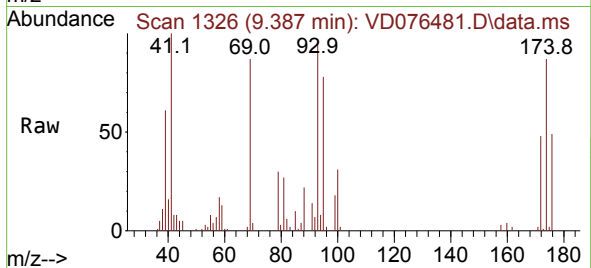
Tgt Ion: 88 Resp: 11533

Ion Ratio Lower Upper

88 100

43 35.8 19.0 28.6#

58 76.2 43.5 65.3#



#50

Toluene-d8

Concen: 45.391 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076481.D

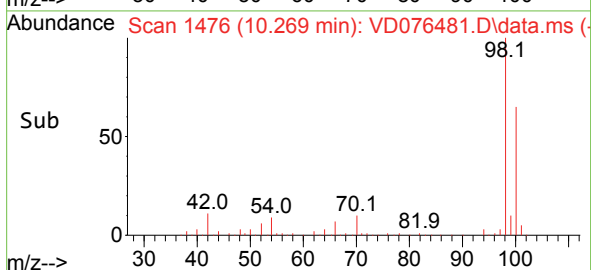
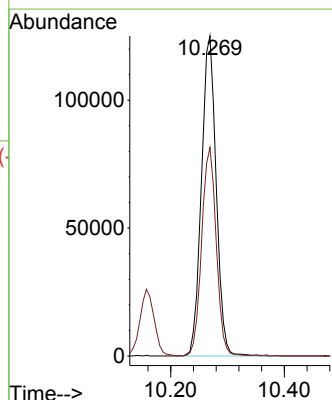
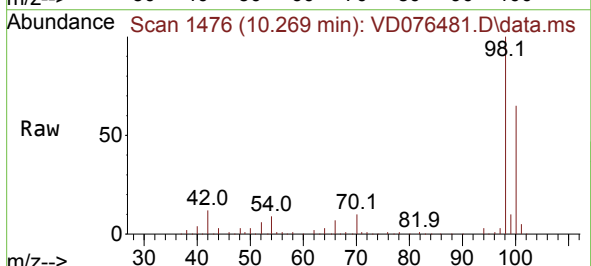
Acq: 19 Jun 2023 20:47

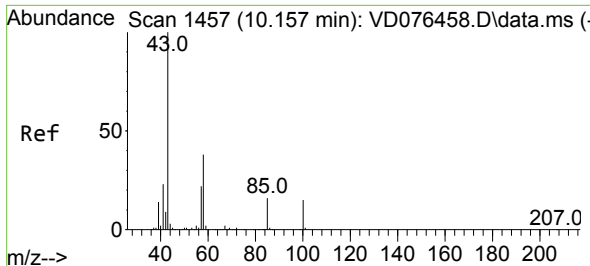
Tgt Ion: 98 Resp: 225103

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

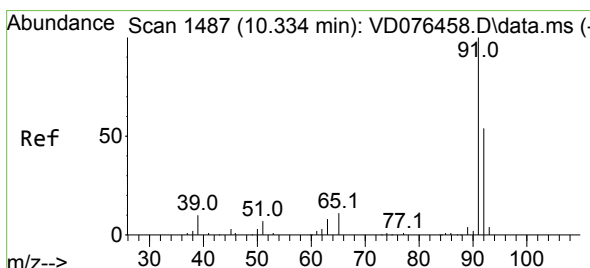
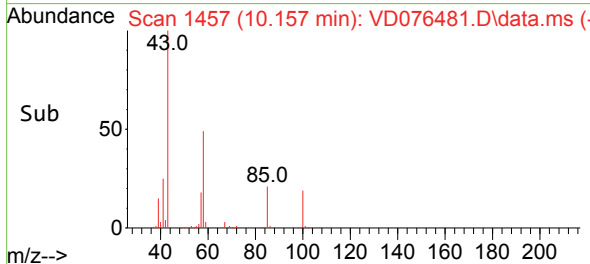
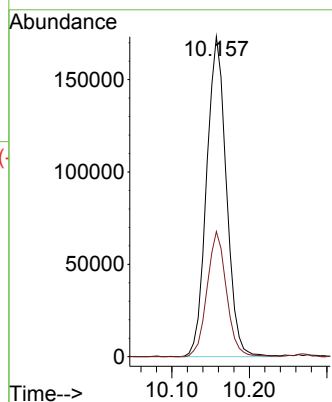
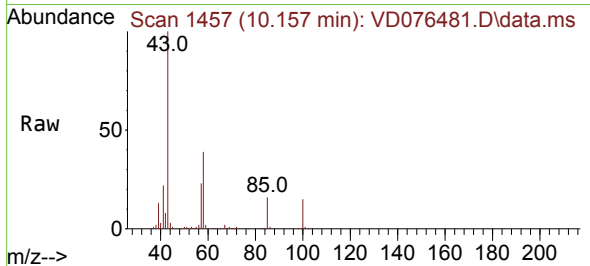




#51
4-Methyl-2-Pentanone
Concen: 299.298 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

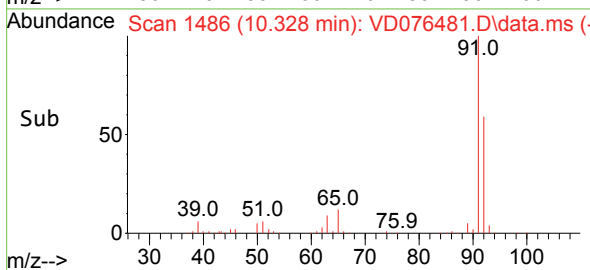
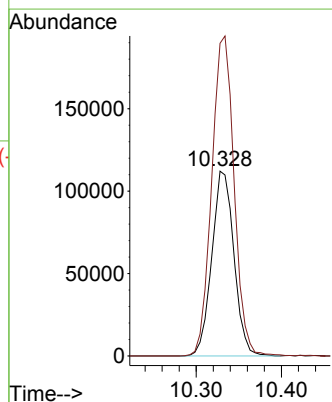
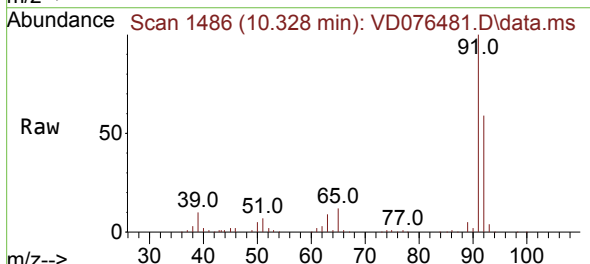
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

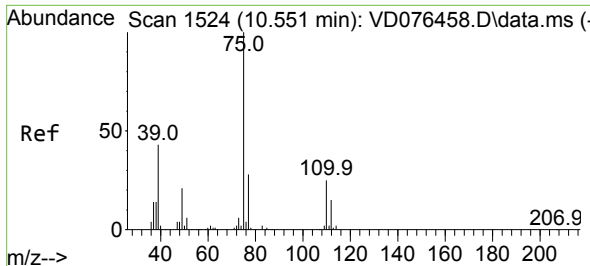
Tgt Ion: 43 Resp: 307349
Ion Ratio Lower Upper
43 100
58 38.3 38.9 58.3#



#52
Toluene
Concen: 57.661 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 92 Resp: 202061
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4

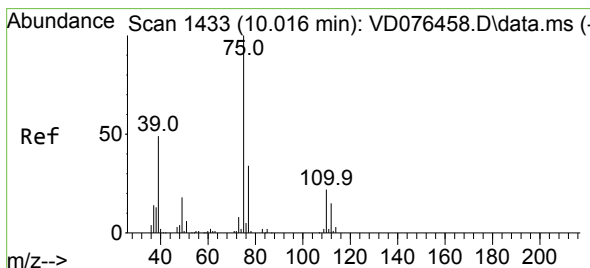
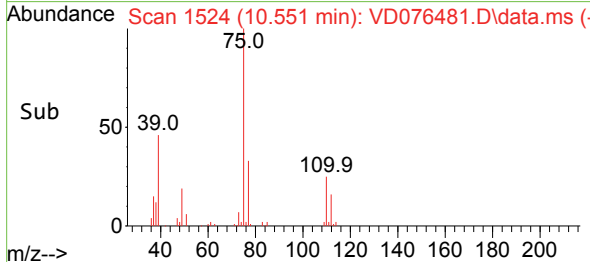
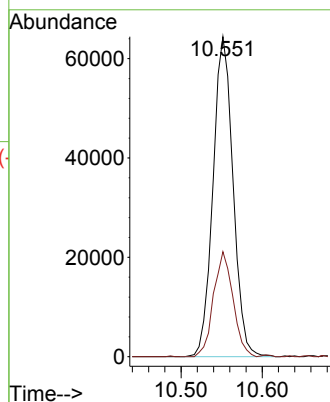
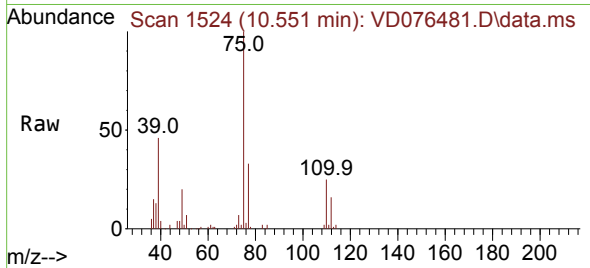




#53
 t-1,3-Dichloropropene
 Concen: 56.164 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076481.D
 Acq: 19 Jun 2023 20:47

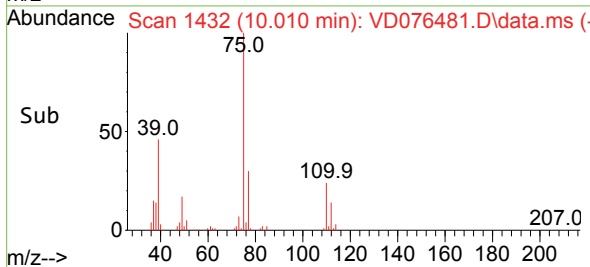
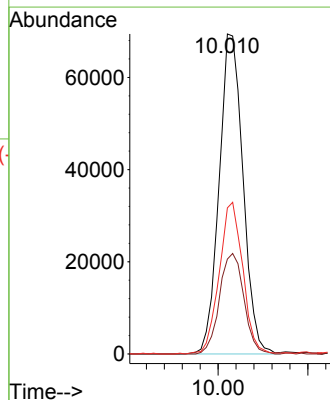
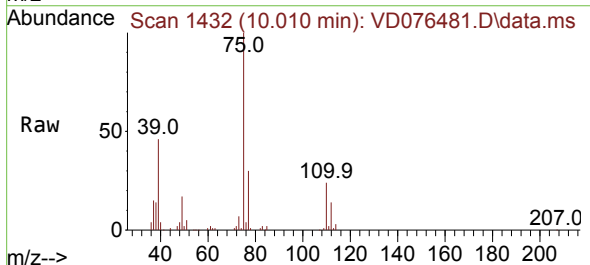
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

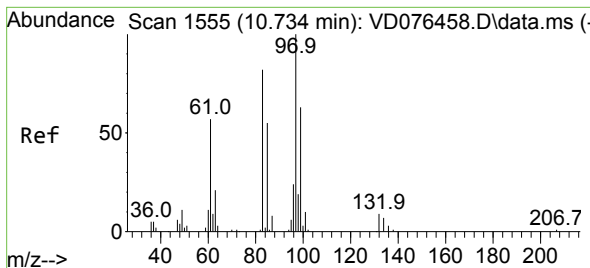
Tgt Ion: 75 Resp: 110620
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 54.894 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD076481.D
 Acq: 19 Jun 2023 20:47

Tgt Ion: 75 Resp: 128183
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.5 38.3
 39 45.4 22.1 33.1#

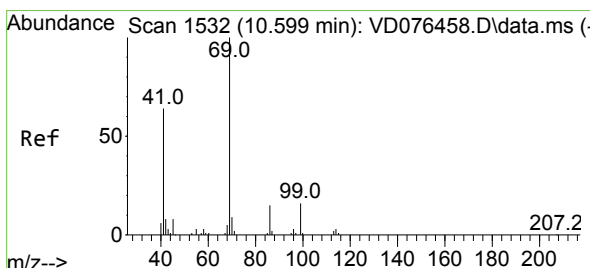
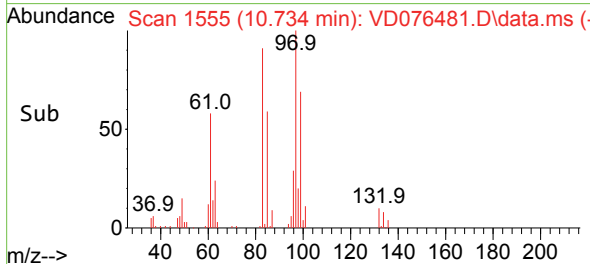
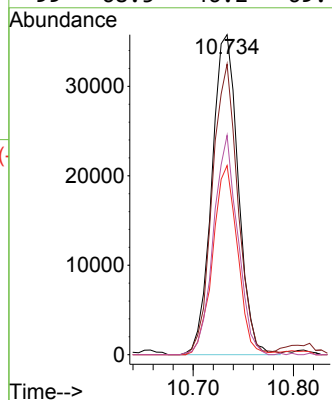
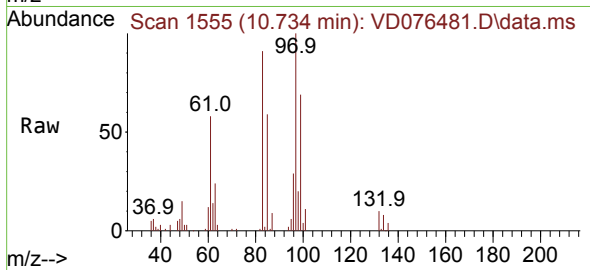




#55
1,1,2-Trichloroethane
Concen: 57.701 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

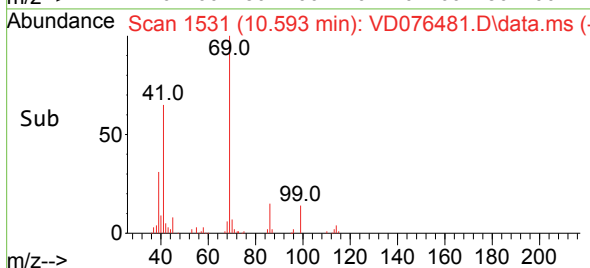
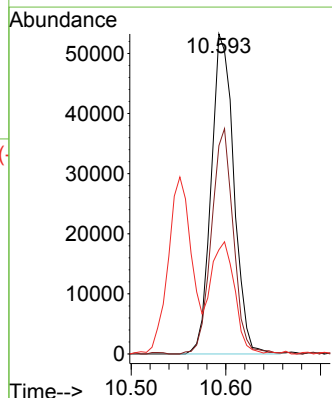
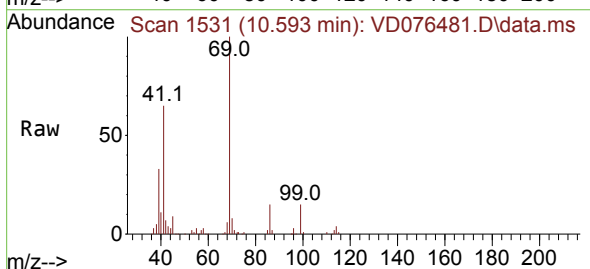
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

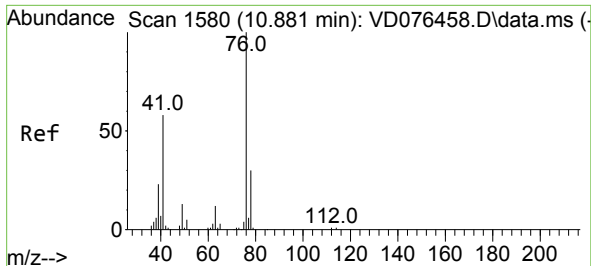
Tgt Ion:	97	Resp:	65465
Ion	Ratio	Lower	Upper
97	100		
83	90.8	65.8	98.6
85	59.1	45.7	68.5
99	68.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 59.655 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:	69	Resp:	88373
Ion	Ratio	Lower	Upper
69	100		
41	68.6	39.1	58.7#
39	37.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 57.971 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

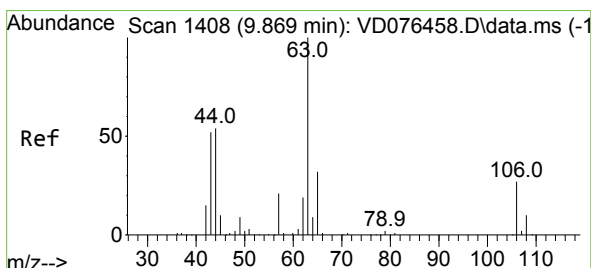
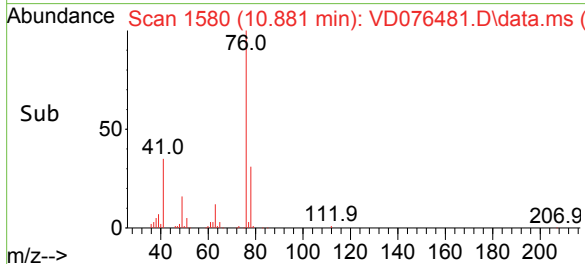
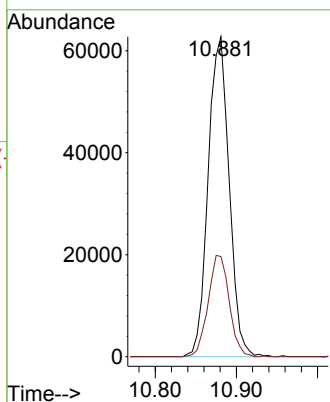
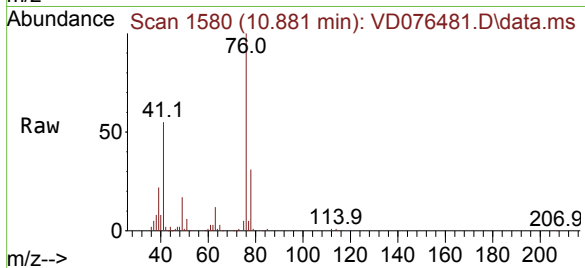
VSTDC050EC

Tgt Ion: 76 Resp: 112608

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.978 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076481.D

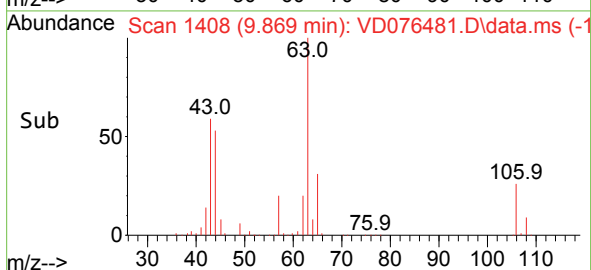
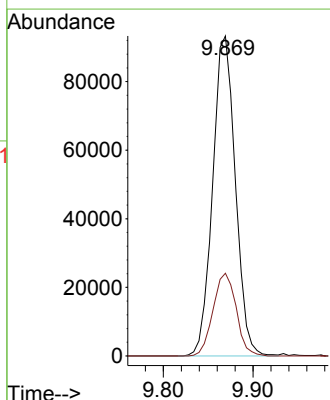
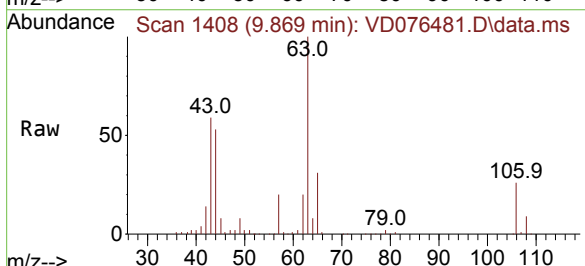
Acq: 19 Jun 2023 20:47

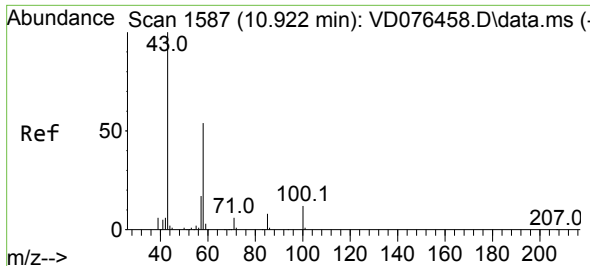
Tgt Ion: 63 Resp: 163907

Ion Ratio Lower Upper

63 100

106 26.3 25.3 37.9

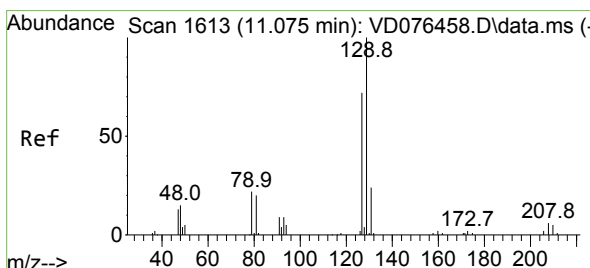
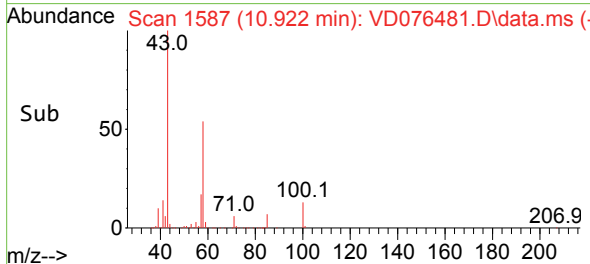
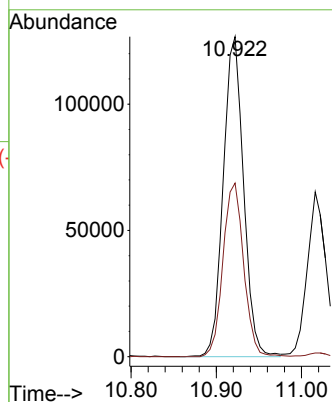
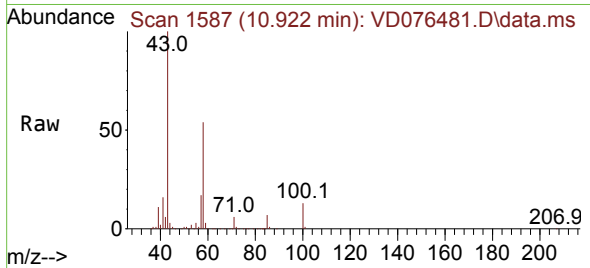




#59
2-Hexanone
Concen: 294.473 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

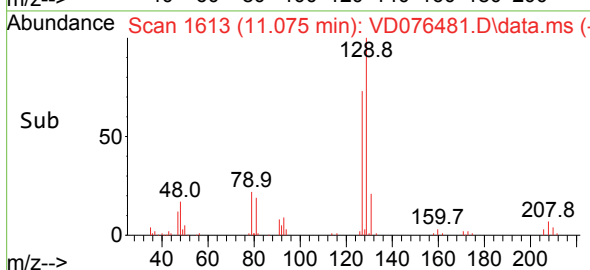
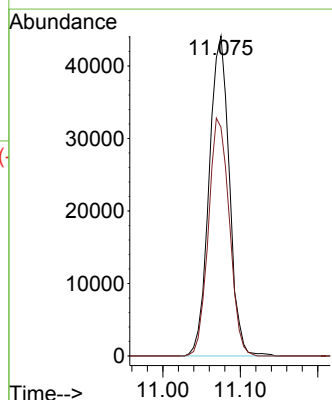
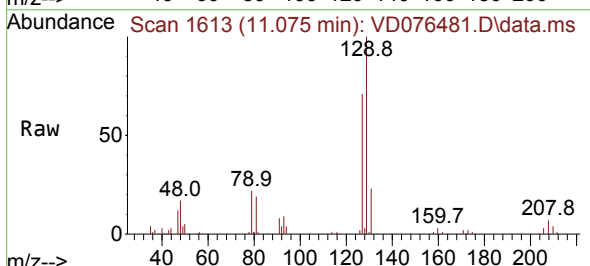
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

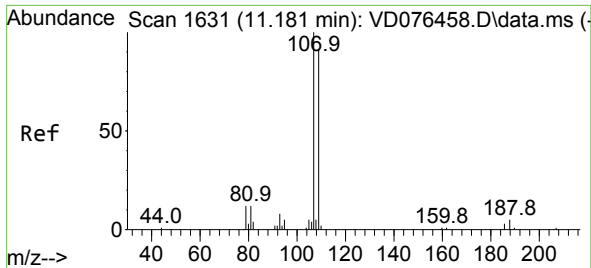
Tgt Ion: 43 Resp: 210346
Ion Ratio Lower Upper
43 100
58 55.2 34.1 102.2



#60
Dibromochloromethane
Concen: 60.669 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 129 Resp: 80105
Ion Ratio Lower Upper
129 100
127 76.6 37.1 111.5

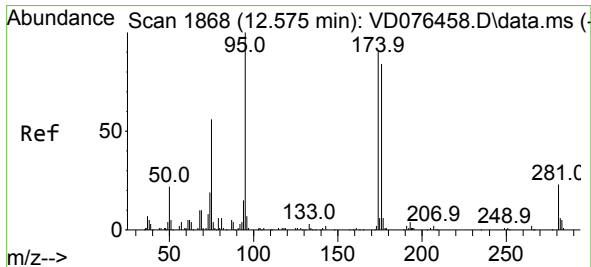
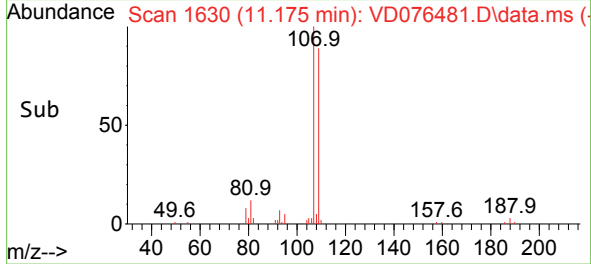
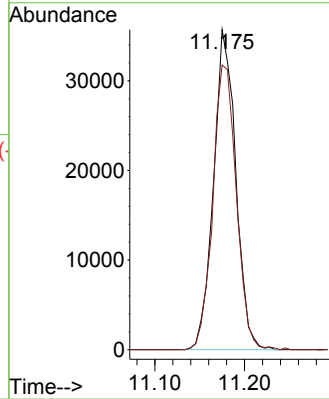
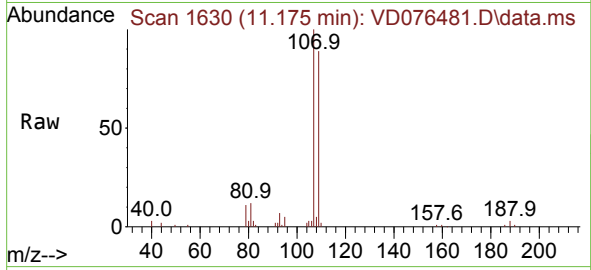




#61
1,2-Dibromoethane
Concen: 57.649 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

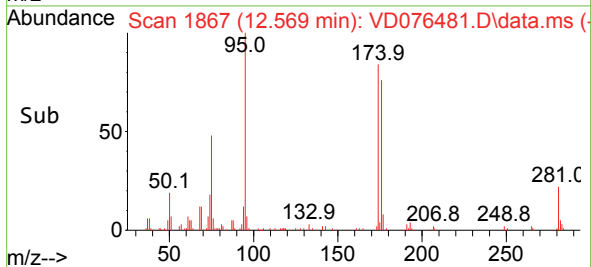
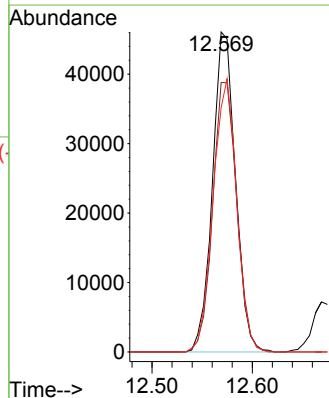
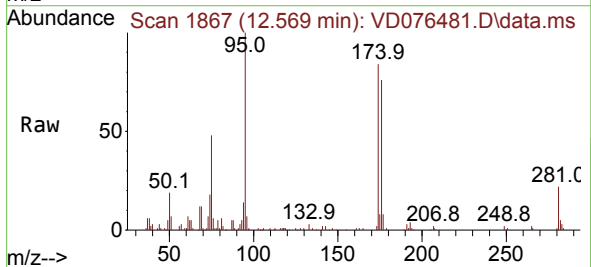
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

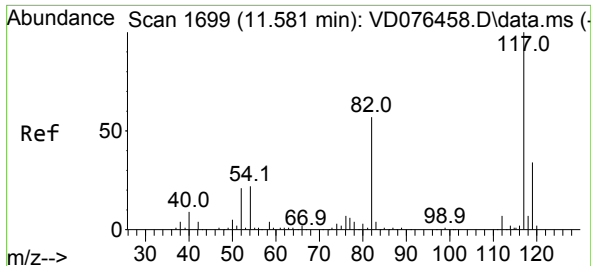
Tgt Ion:107 Resp: 61399
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.604 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 95 Resp: 73399
Ion Ratio Lower Upper
95 100
174 88.3 0.0 201.8
176 87.5 0.0 191.8

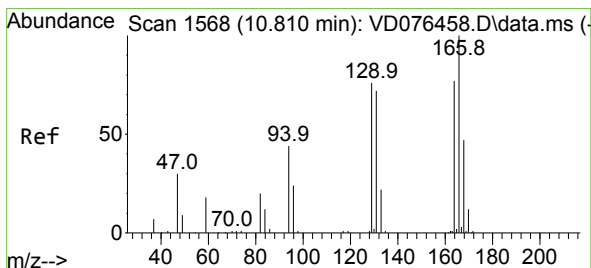
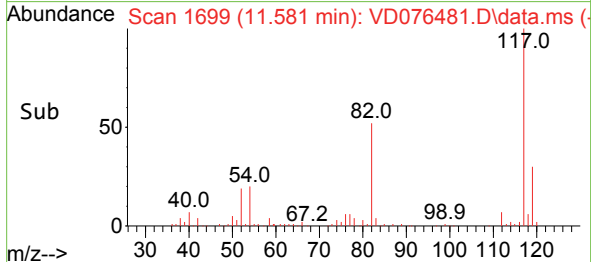
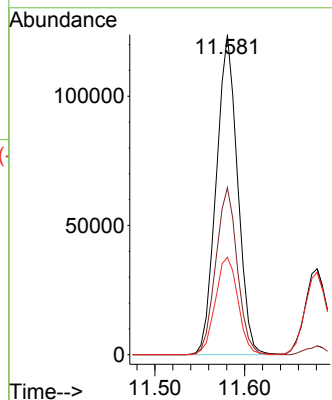
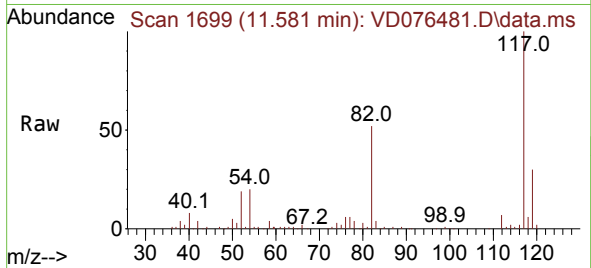




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

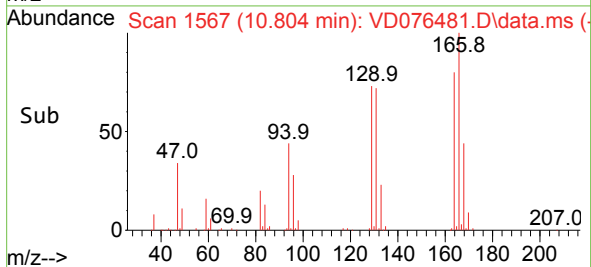
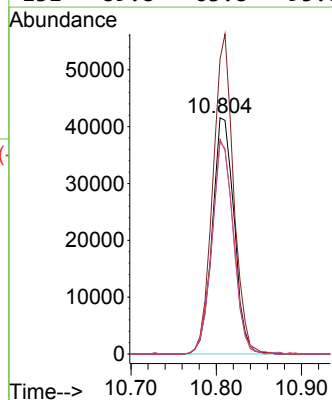
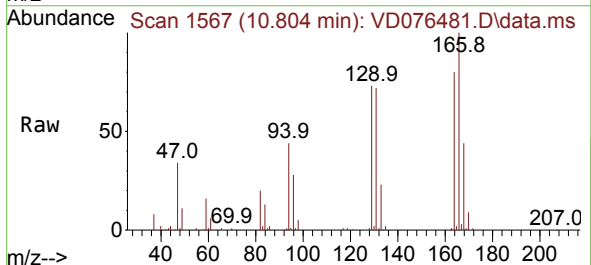
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

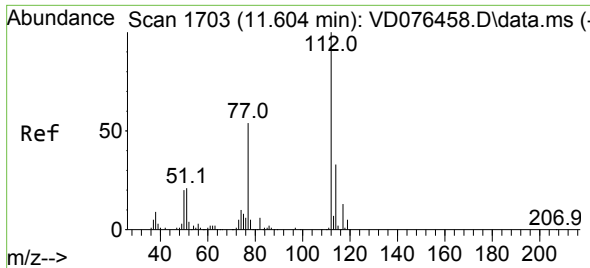
Tgt Ion:117 Resp: 204514
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 30.5 25.0 37.4



#64
Tetrachloroethene
Concen: 60.101 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:164 Resp: 73781
Ion Ratio Lower Upper
164 100
166 124.8 99.2 148.8
129 90.8 68.4 102.6
131 89.8 63.8 95.8

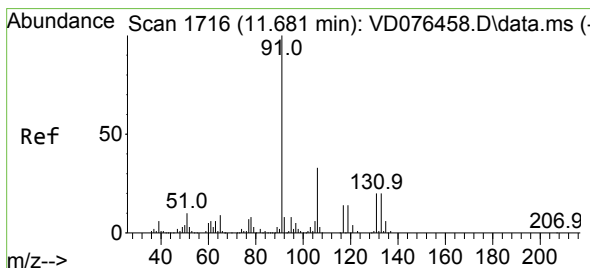
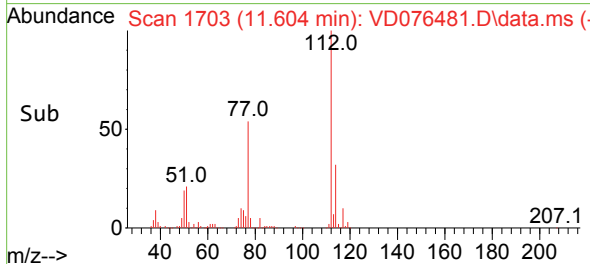
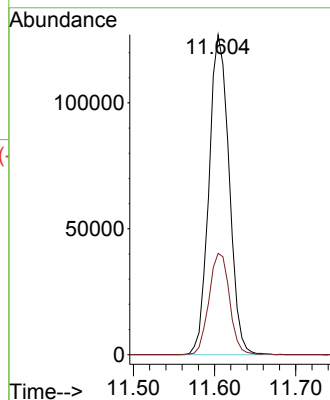
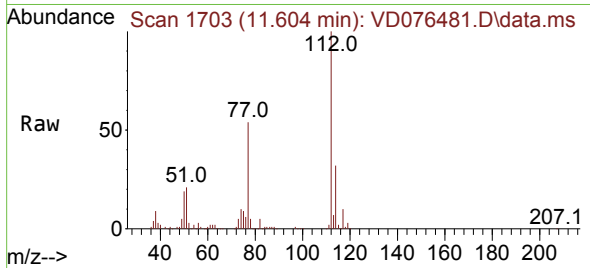




#65
Chlorobenzene
Concen: 56.350 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

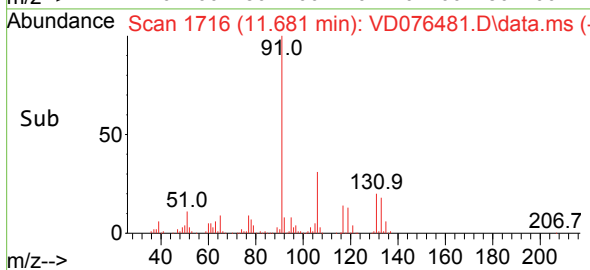
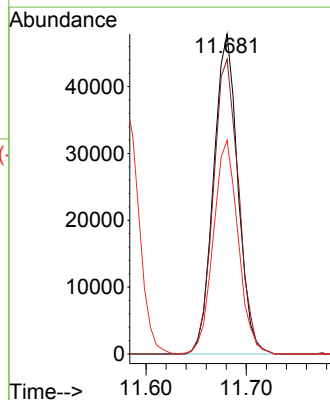
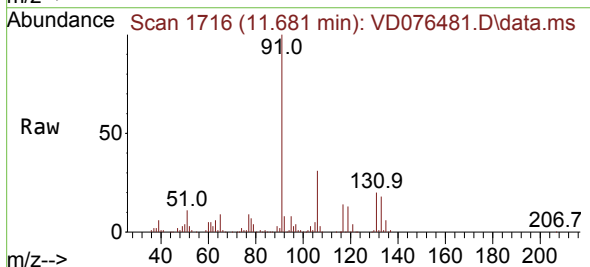
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

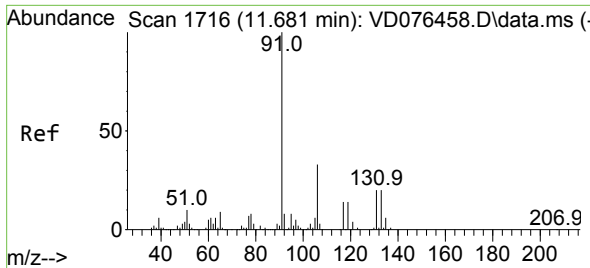
Tgt Ion:112 Resp: 218939
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 58.102 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:131 Resp: 80734
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.5
119 68.3 35.6 106.9

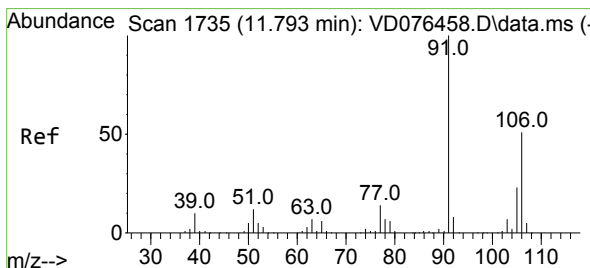
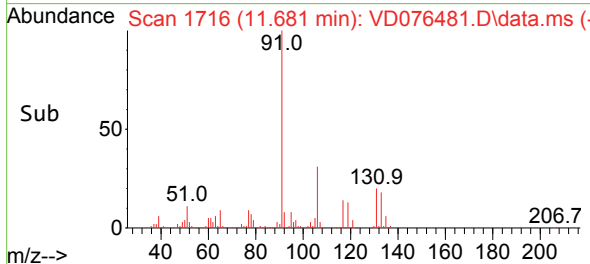
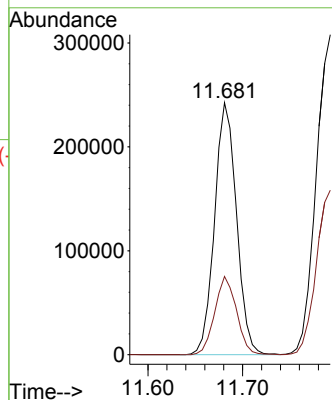
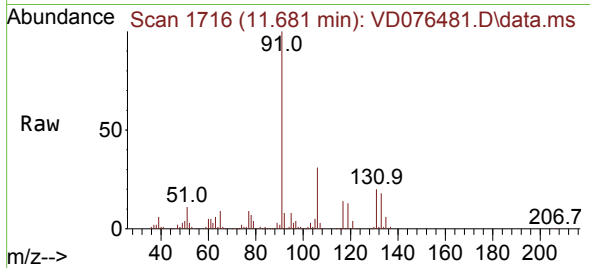




#67
Ethyl Benzene
Concen: 56.754 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

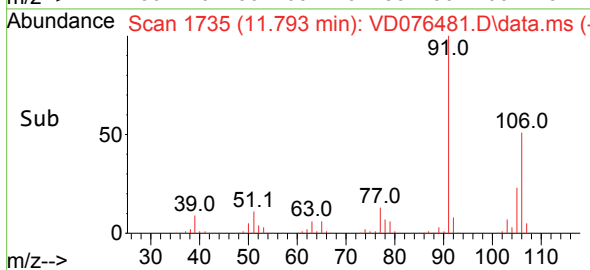
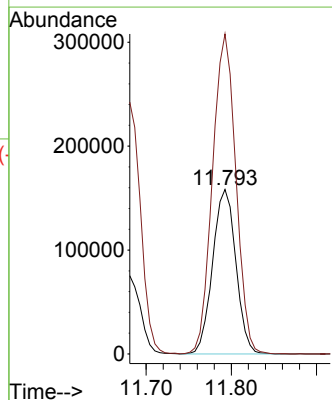
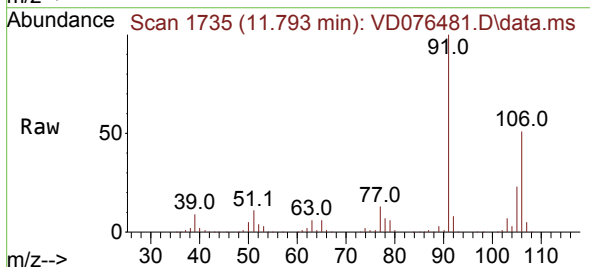
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

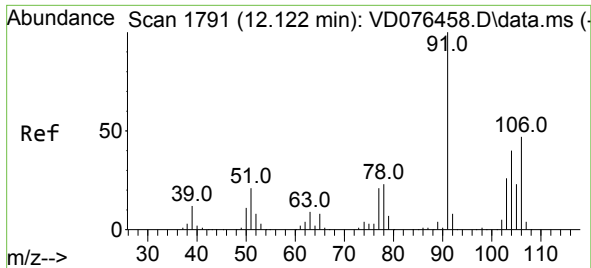
Tgt Ion: 91 Resp: 390722
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7



#68
m/p-Xylenes
Concen: 111.634 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:106 Resp: 300009
Ion Ratio Lower Upper
106 100
91 195.7 147.0 220.6

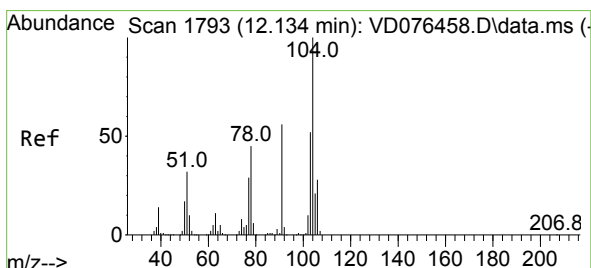
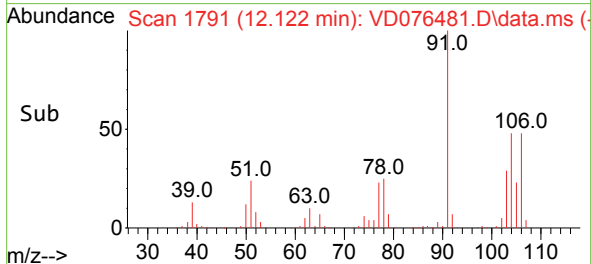
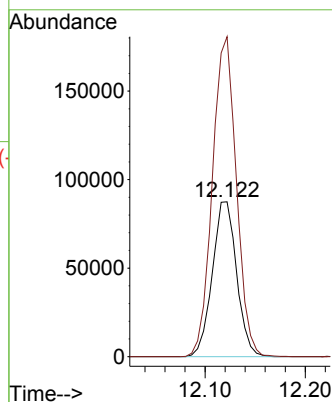
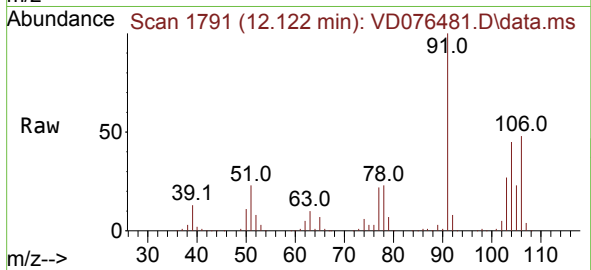




#69
o-Xylene
Concen: 57.606 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

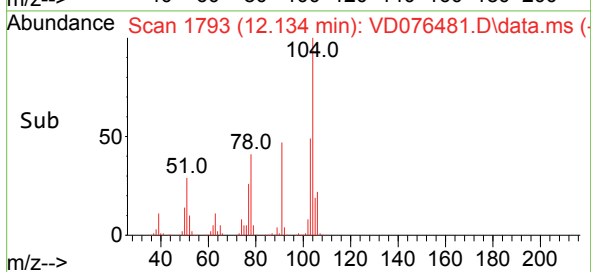
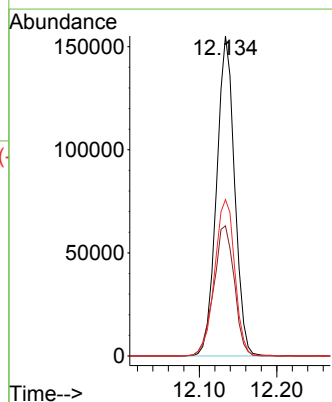
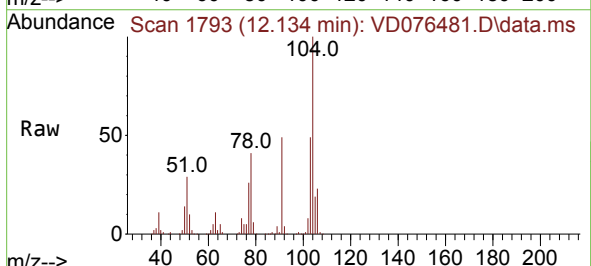
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

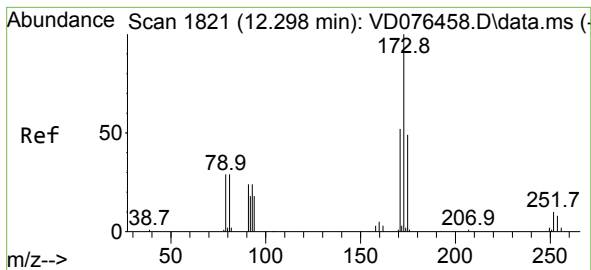
Tgt Ion:106 Resp: 147369
Ion Ratio Lower Upper
106 100
91 204.0 97.9 293.6



#70
Styrene
Concen: 56.898 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:104 Resp: 251438
Ion Ratio Lower Upper
104 100
78 46.6 33.2 49.8
103 54.3 43.6 65.4





#71

Bromoform

Concen: 57.545 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

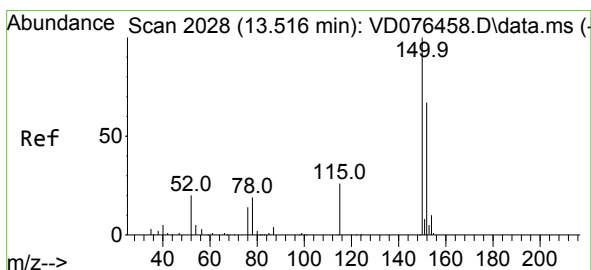
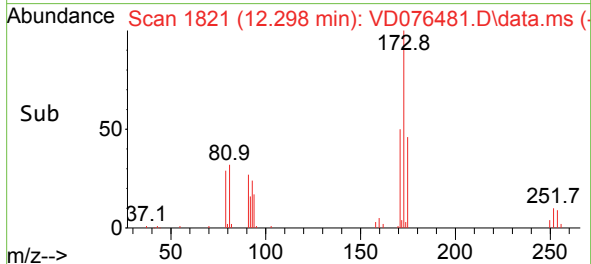
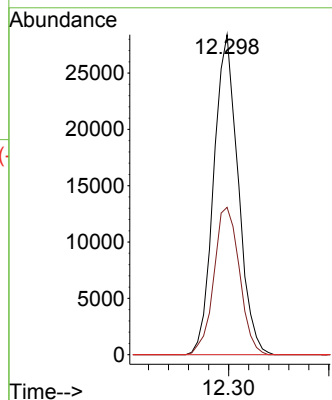
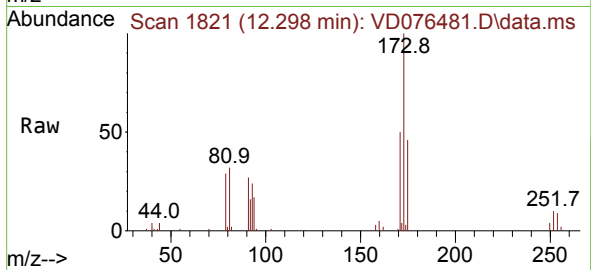
Tgt Ion:173 Resp: 48010

Ion Ratio Lower Upper

173 100

175 48.3 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: VD076481.D

Acq: 19 Jun 2023 20:47

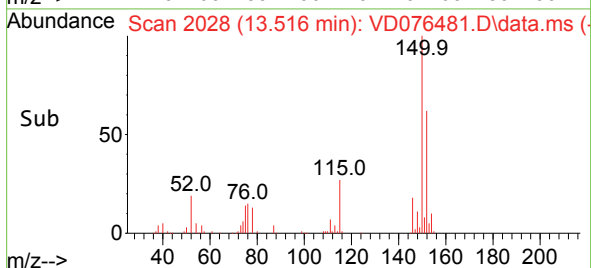
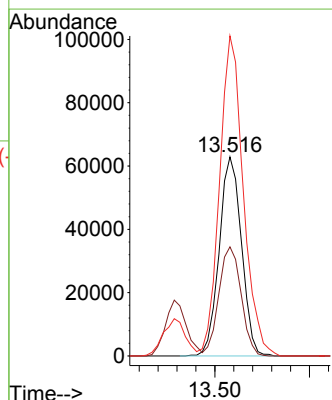
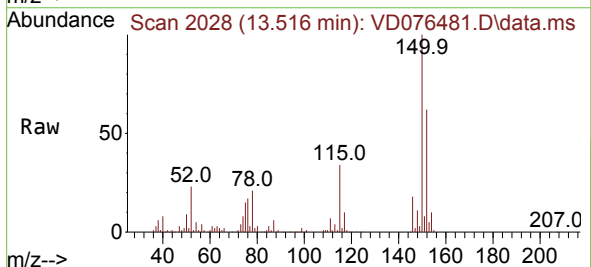
Tgt Ion:152 Resp: 102871

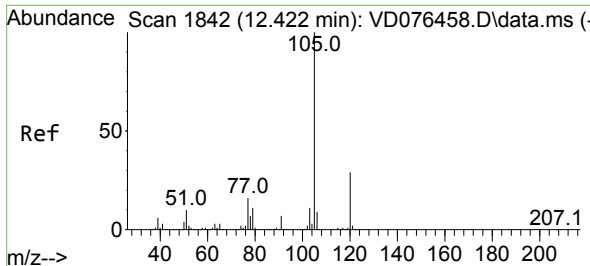
Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.3

150 171.2 0.0 353.6

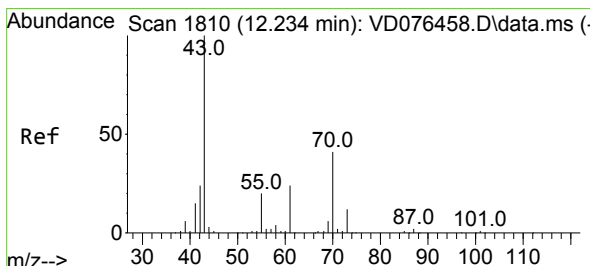
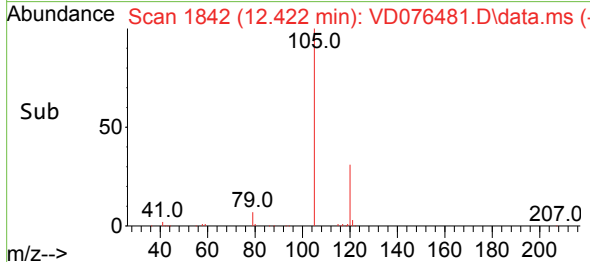
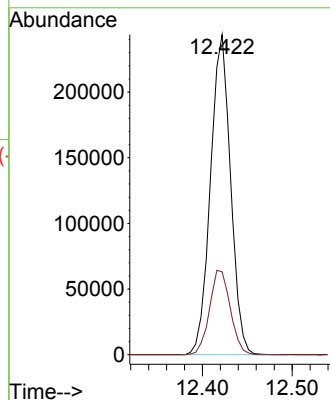
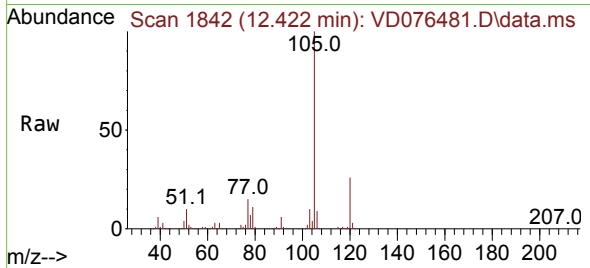




#73
Isopropylbenzene
Concen: 54.690 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

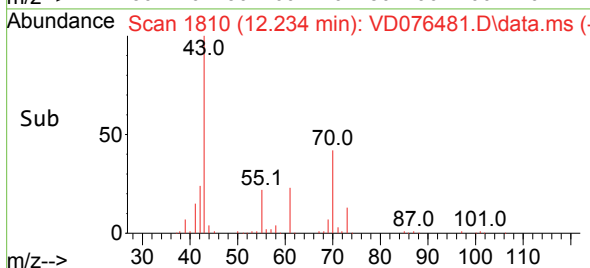
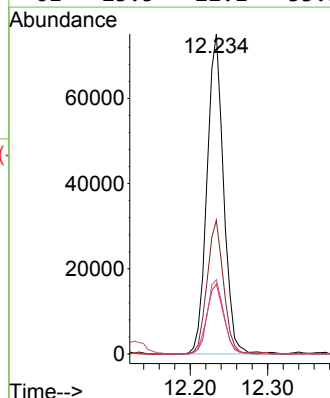
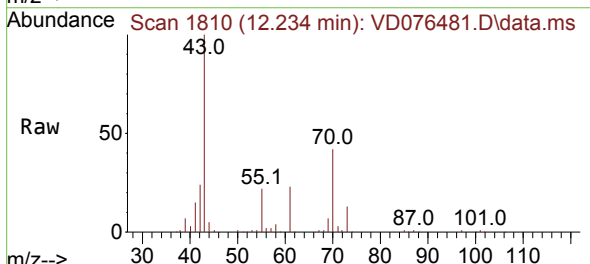
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

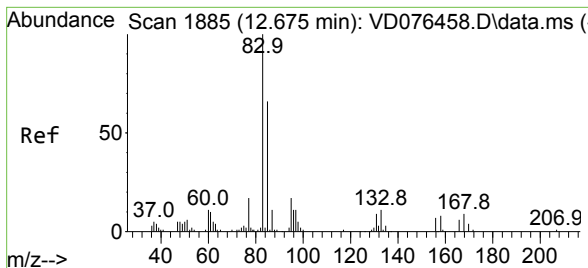
Tgt Ion:105 Resp: 378786
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9



#74
N-ethyl acetate
Concen: 55.115 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 43 Resp: 111754
Ion Ratio Lower Upper
43 100
70 41.4 45.0 67.4#
55 22.5 23.8 35.6#
61 23.5 22.1 33.1

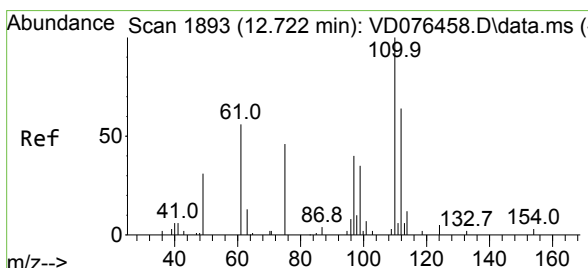
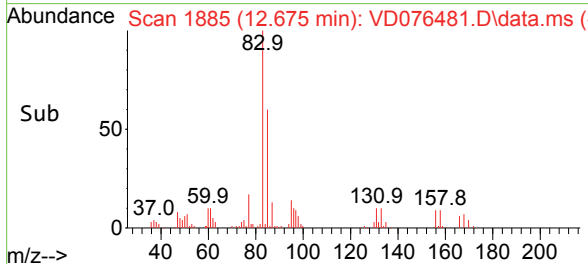
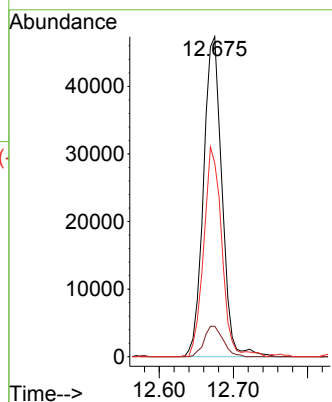
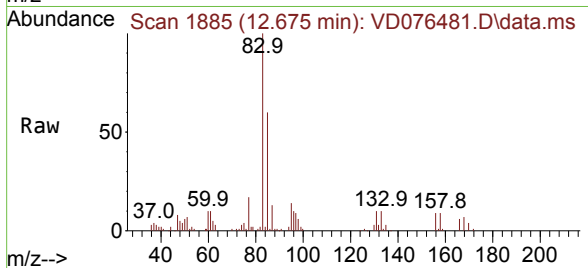




#75
1,1,2,2-Tetrachloroethane
Concen: 57.458 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

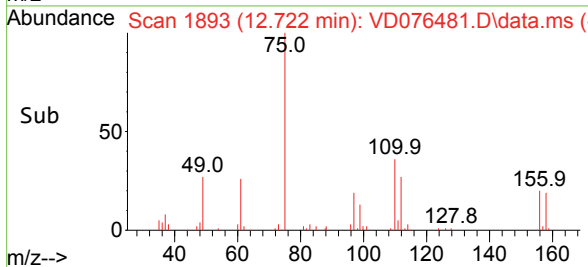
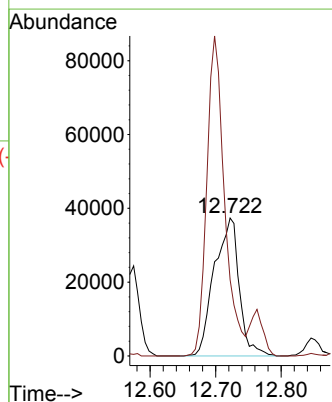
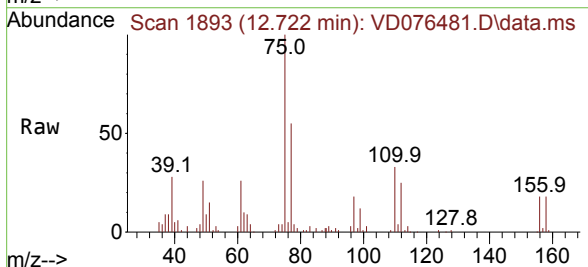
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

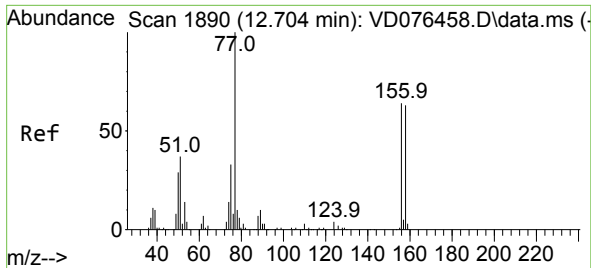
Tgt Ion: 83 Resp: 82119
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 96.316 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 75 Resp: 98336
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

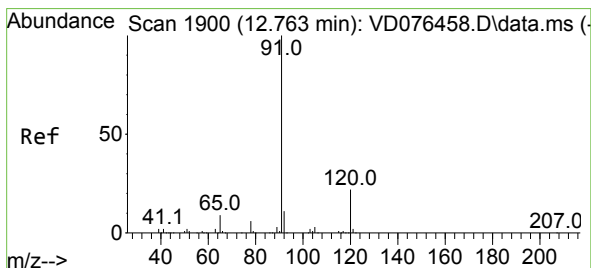
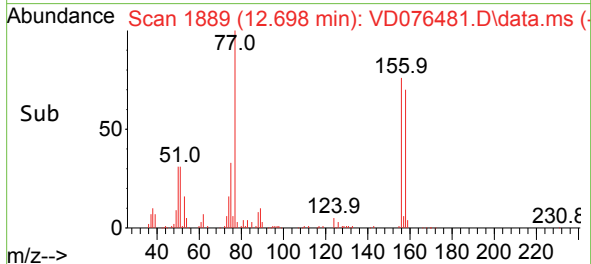
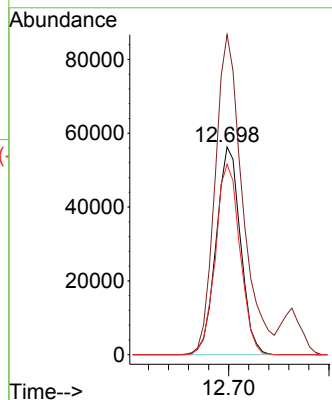
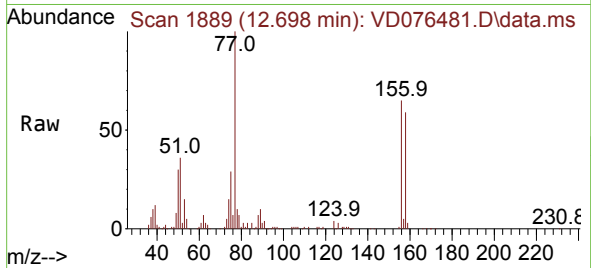




#77
Bromobenzene
Concen: 55.257 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

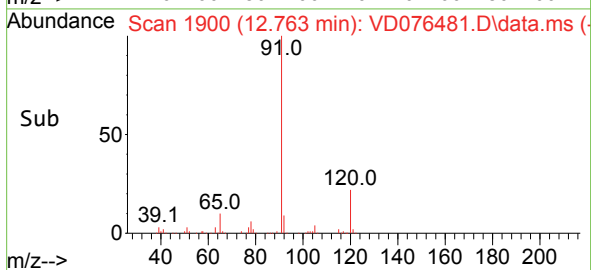
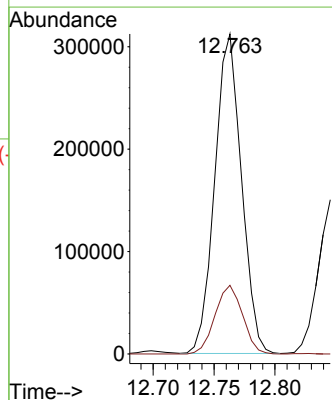
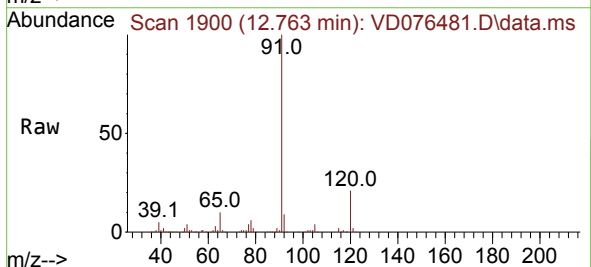
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

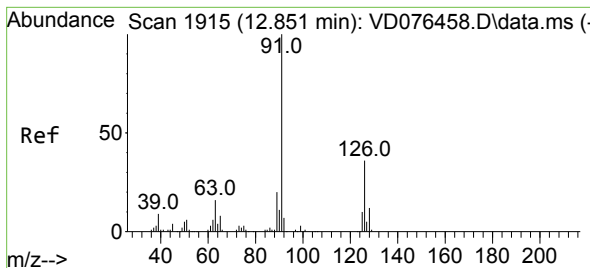
Tgt Ion:156 Resp: 94418
Ion Ratio Lower Upper
156 100
77 173.9 76.8 230.4
158 92.5 48.6 145.9



#78
n-propylbenzene
Concen: 55.586 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 91 Resp: 475363
Ion Ratio Lower Upper
91 100
120 22.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 54.210 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

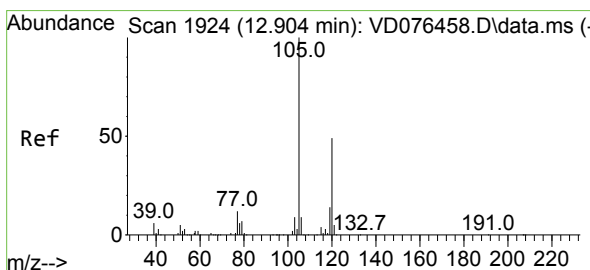
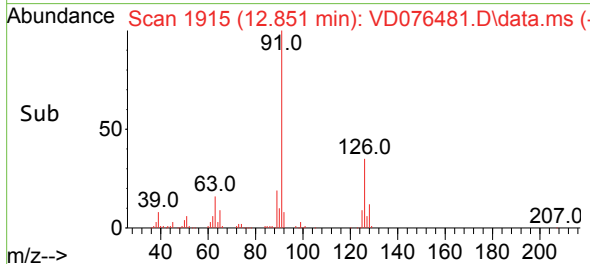
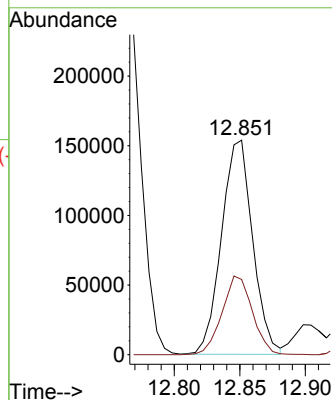
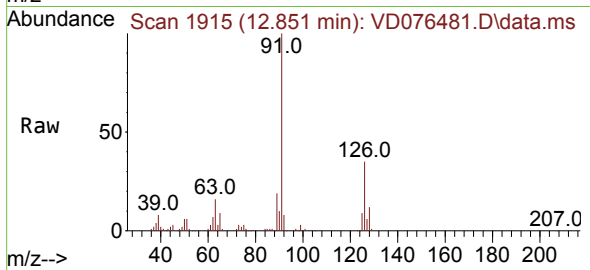
VSTDCCC050EC

Tgt Ion: 91 Resp: 254575

Ion Ratio Lower Upper

91 100

126 35.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 54.537 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076481.D

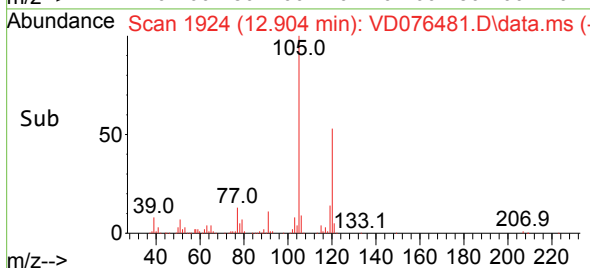
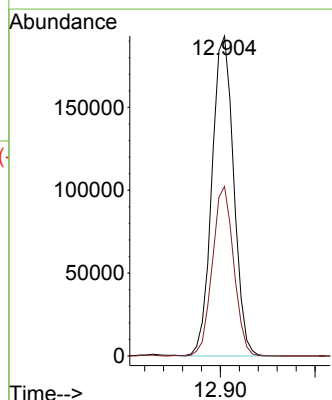
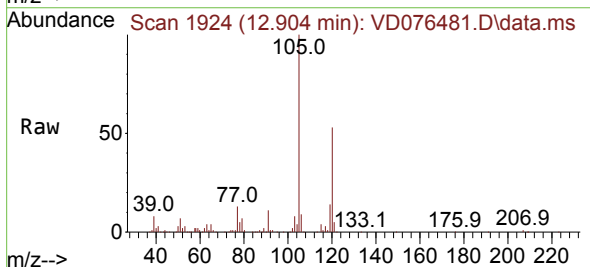
Acq: 19 Jun 2023 20:47

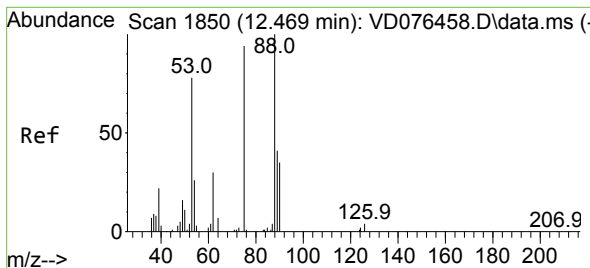
Tgt Ion: 105 Resp: 308468

Ion Ratio Lower Upper

105 100

120 51.9 26.4 79.2

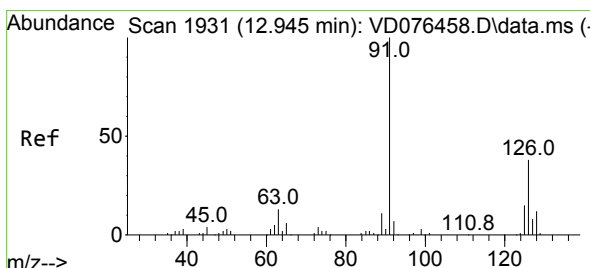
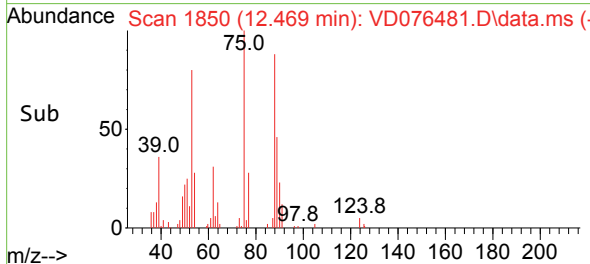
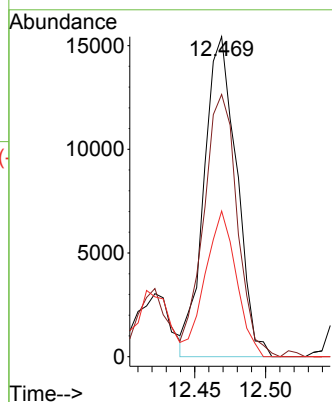
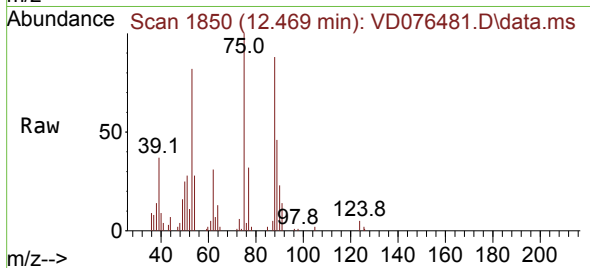




#81
trans-1,4-Dichloro-2-butene
Concen: 52.786 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

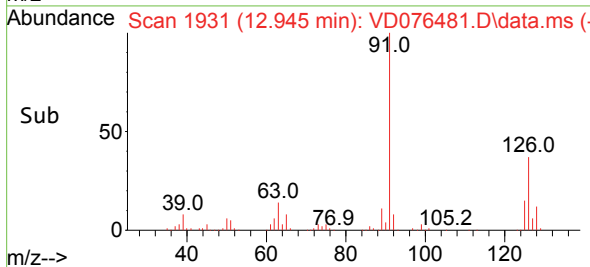
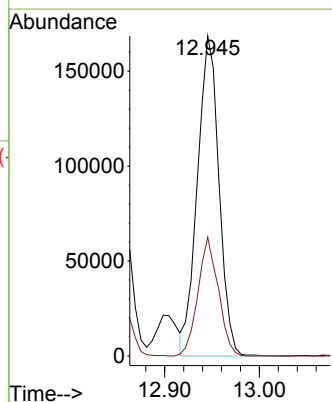
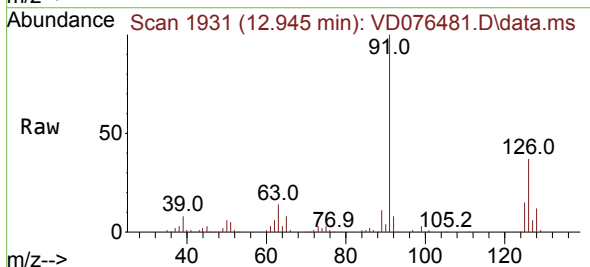
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

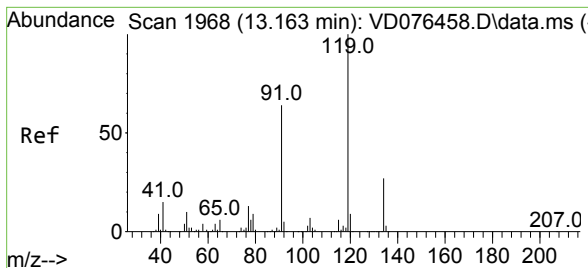
Tgt Ion:	75	Resp:	24595
Ion	Ratio	Lower	Upper
75	100		
53	84.6	63.0	94.4
89	43.6	37.9	56.9



#82
4-Chlorotoluene
Concen: 54.796 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:	91	Resp:	267242
Ion	Ratio	Lower	Upper
91	100		
126	35.1	19.4	58.4

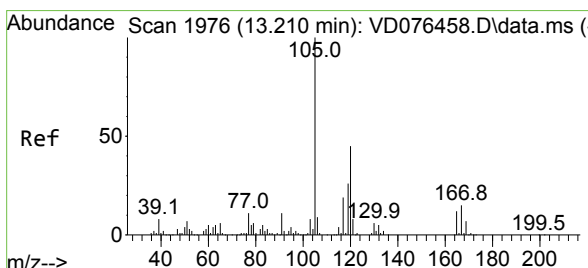
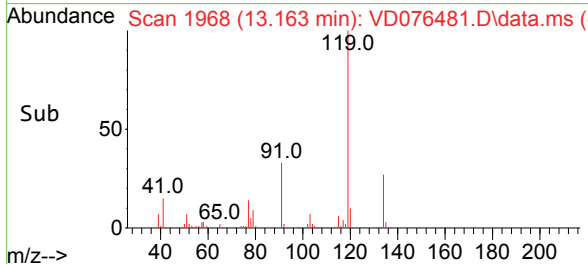
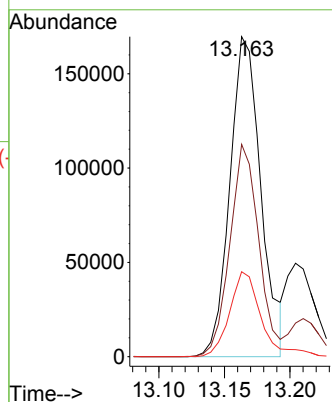
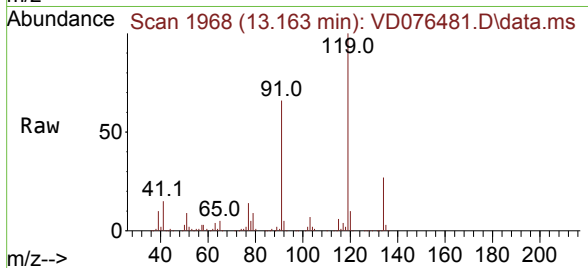




#83
tert-Butylbenzene
Concen: 55.644 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

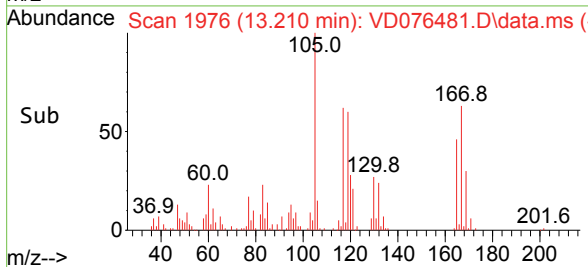
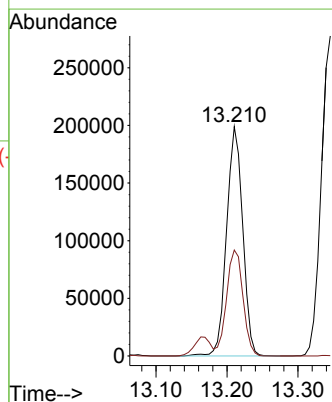
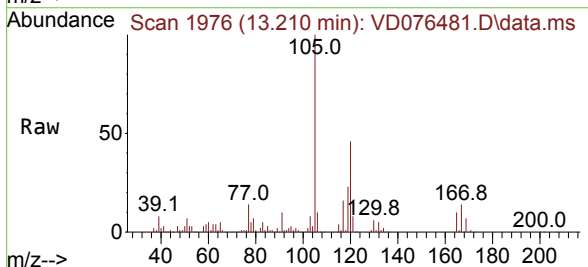
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

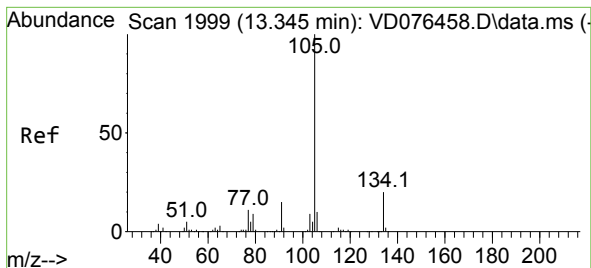
Tgt Ion:119 Resp: 279653
Ion Ratio Lower Upper
119 100
91 61.8 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 54.984 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:105 Resp: 313406
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 57.341 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

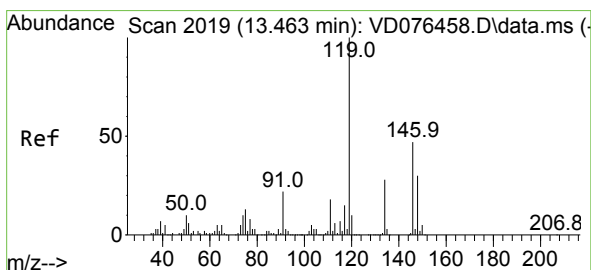
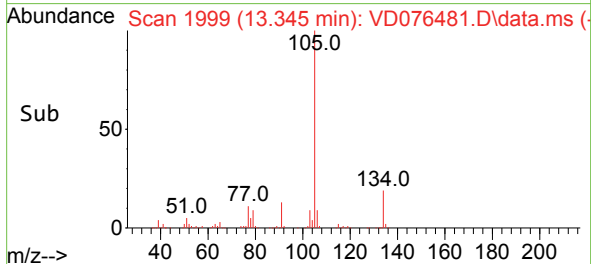
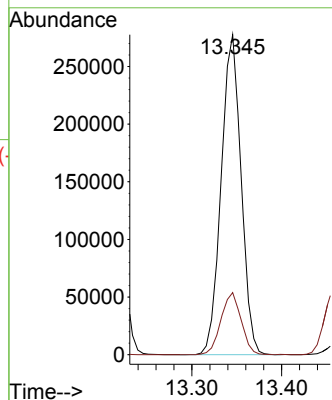
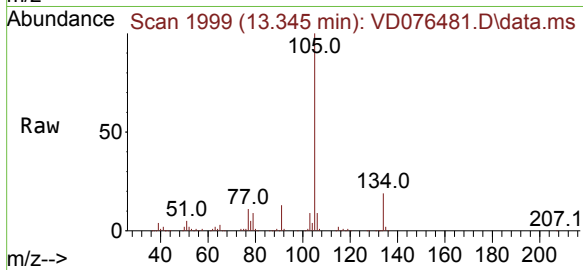
VSTDCCC050EC

Tgt Ion:105 Resp: 427656

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 55.817 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

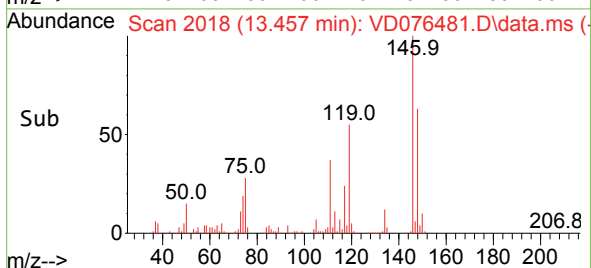
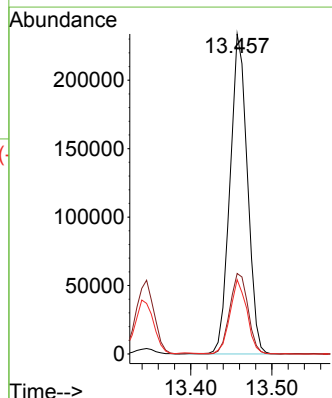
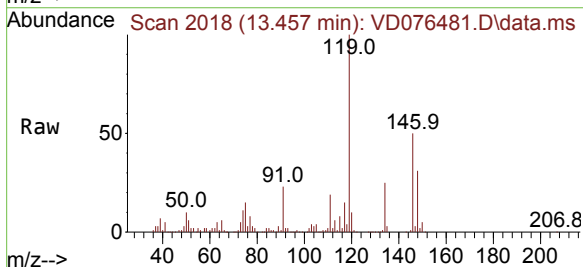
Tgt Ion:119 Resp: 347846

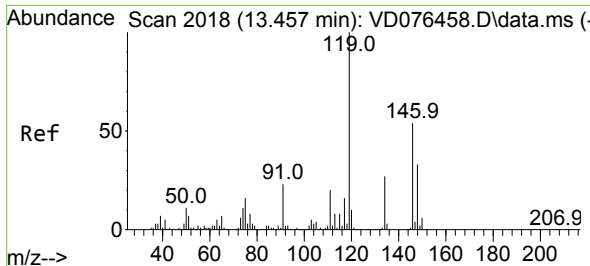
Ion Ratio Lower Upper

119 100

134 26.4 14.2 42.6

91 22.7 10.5 31.5

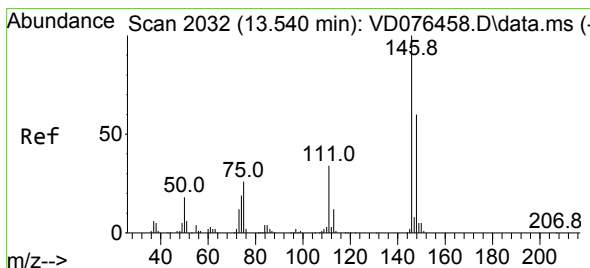
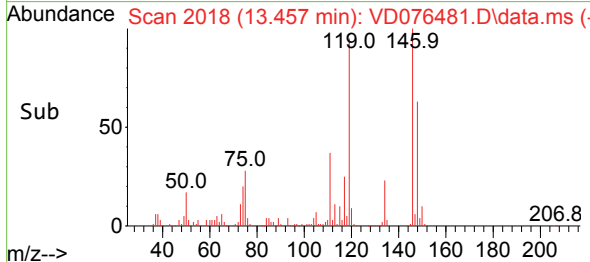
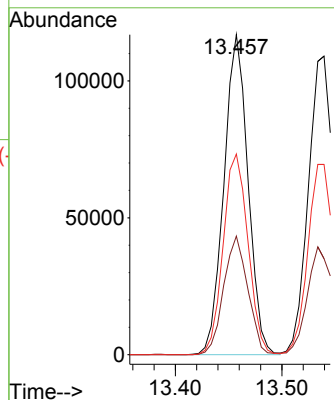
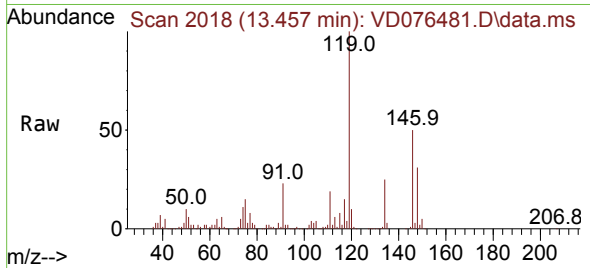




#87
1,3-Dichlorobenzene
Concen: 54.657 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

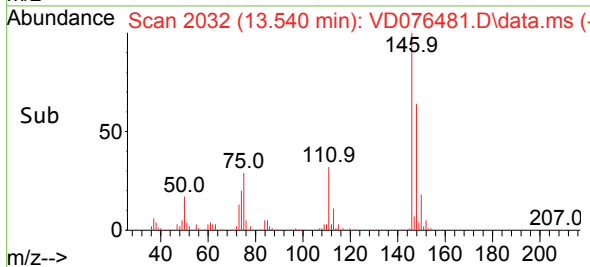
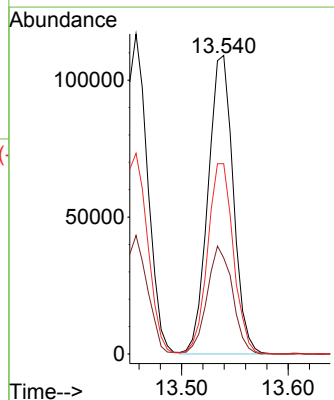
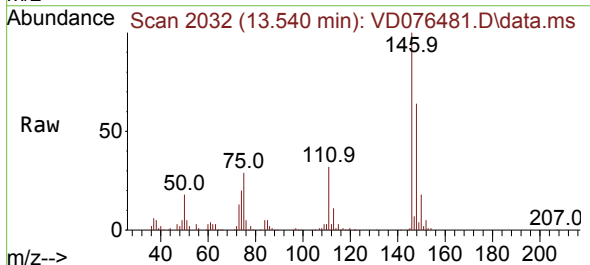
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

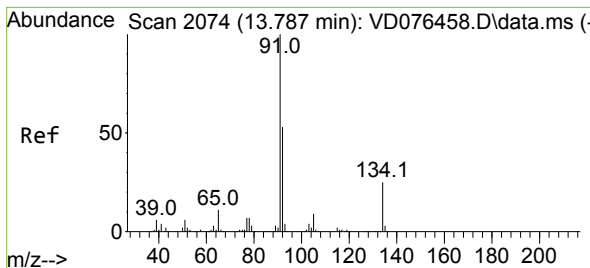
Tgt Ion:146 Resp: 183452
Ion Ratio Lower Upper
146 100
111 37.2 17.9 53.8
148 64.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 53.510 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion:146 Resp: 179125
Ion Ratio Lower Upper
146 100
111 36.5 17.4 52.3
148 65.1 31.7 95.1





#89

n-Butylbenzene

Concen: 54.505 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

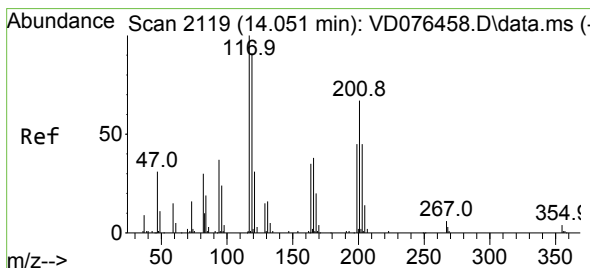
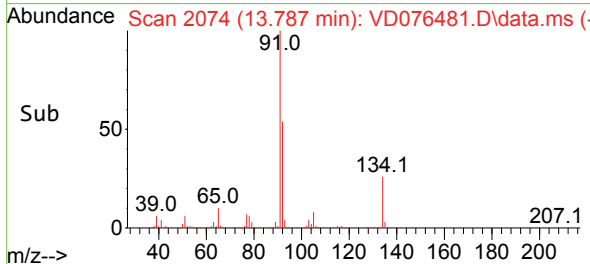
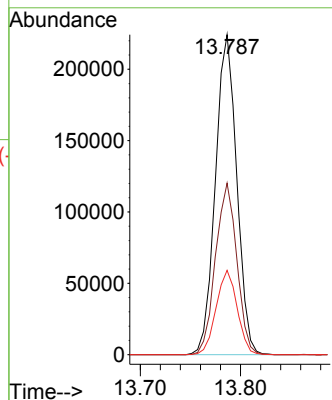
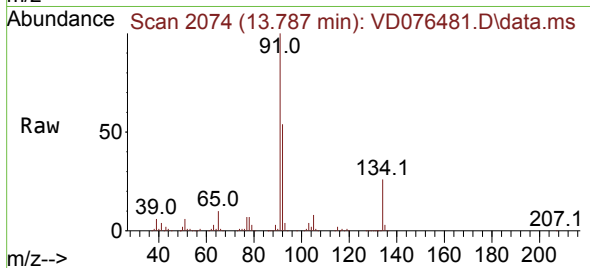
Tgt Ion: 91 Resp: 331301

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.5

134 26.1 13.8 41.3



#90

Hexachloroethane

Concen: 56.036 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076481.D

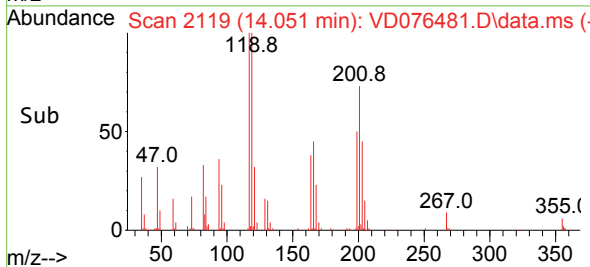
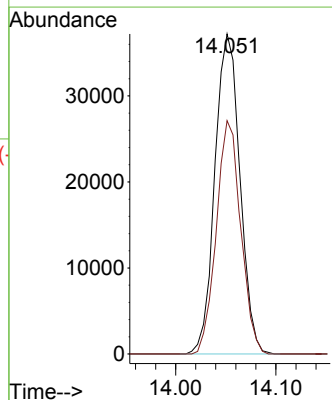
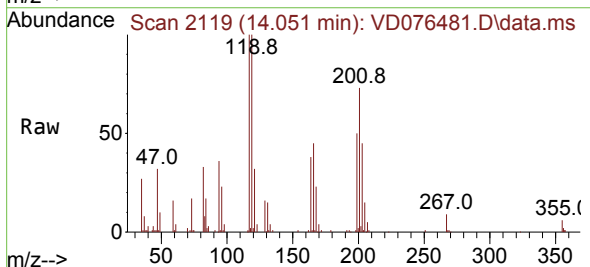
Acq: 19 Jun 2023 20:47

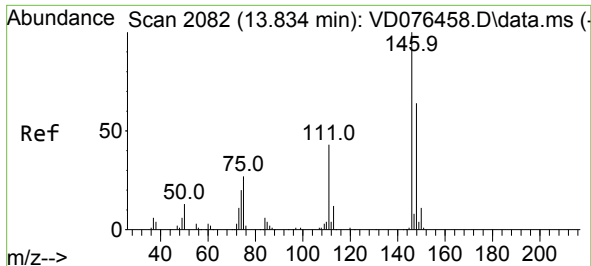
Tgt Ion: 117 Resp: 64443

Ion Ratio Lower Upper

117 100

201 71.0 38.5 115.5

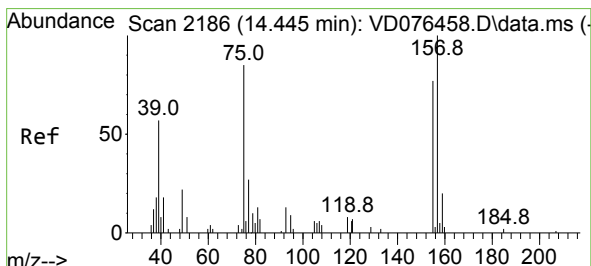
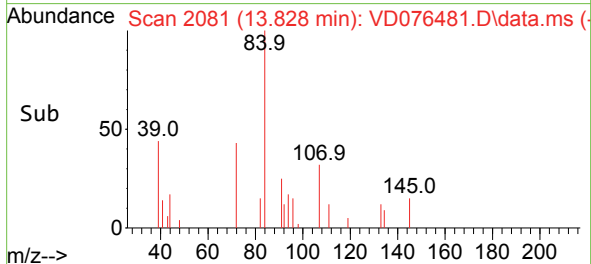
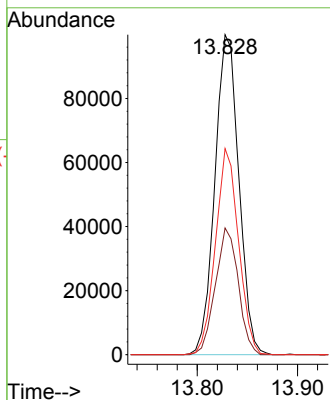
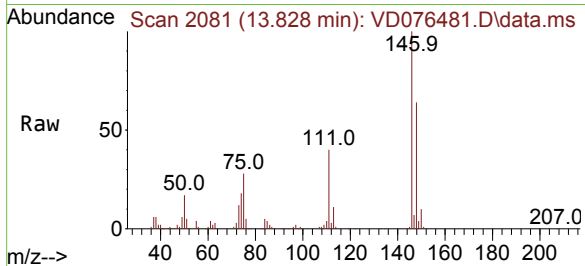




#91
1,2-Dichlorobenzene
Concen: 56.477 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

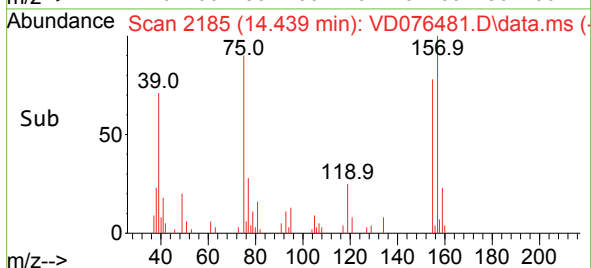
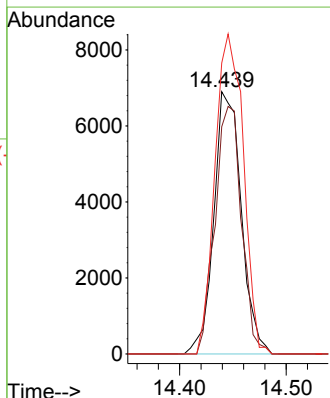
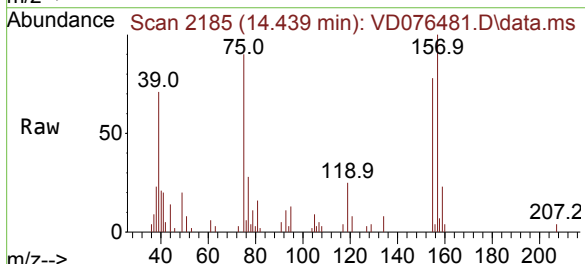
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

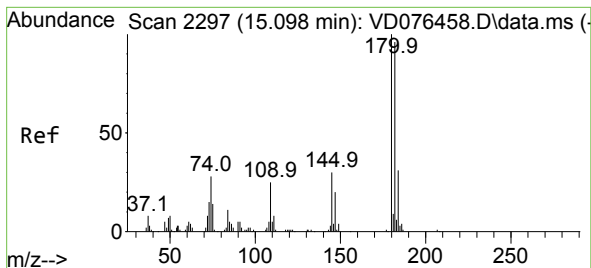
Tgt Ion:146 Resp: 165645
Ion Ratio Lower Upper
146 100
111 37.9 18.3 54.8
148 62.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.154 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD076481.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 75 Resp: 12295
Ion Ratio Lower Upper
75 100
155 91.9 47.9 143.8
157 126.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 54.277 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

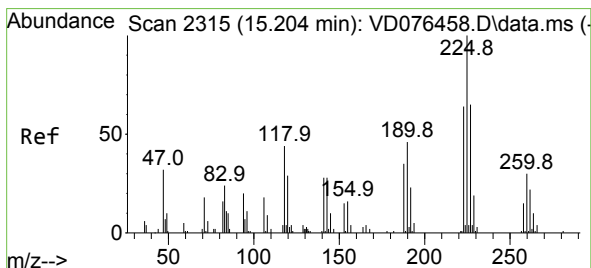
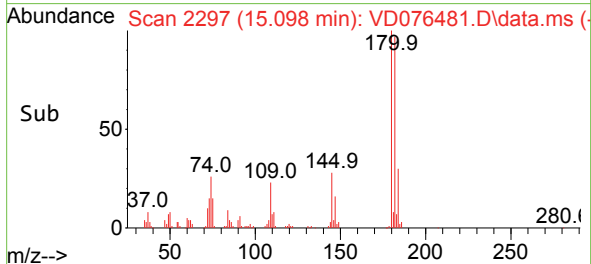
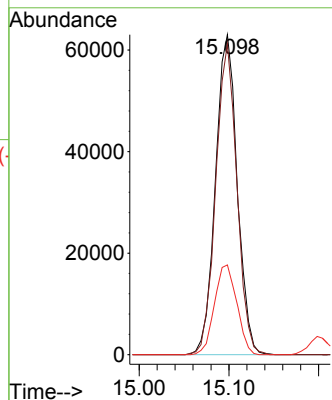
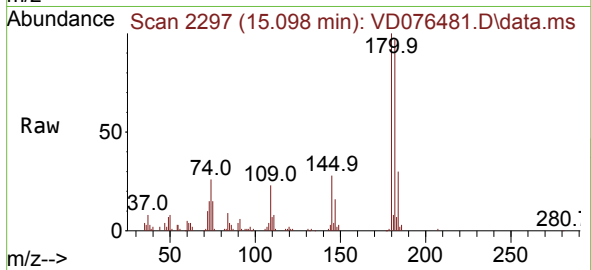
Tgt Ion:180 Resp: 106094

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.6

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.446 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

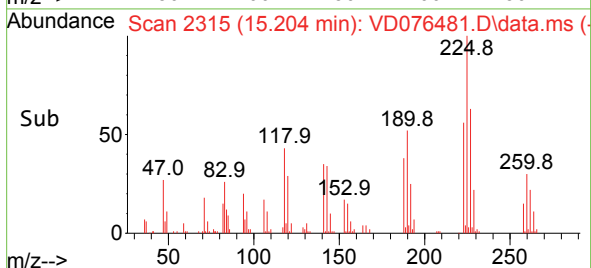
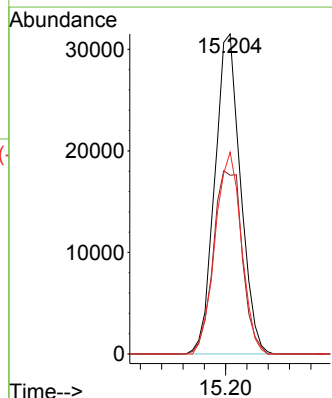
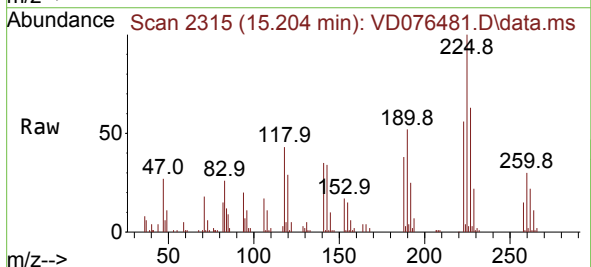
Tgt Ion:225 Resp: 52691

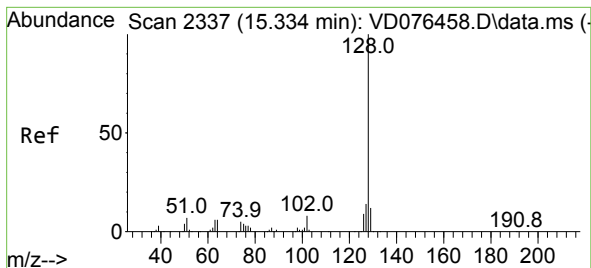
Ion Ratio Lower Upper

225 100

223 64.4 31.6 94.8

227 64.4 31.7 95.1





#95

Naphthalene

Concen: 55.013 ug/l

RT: 15.328 min Scan# 2137

Delta R.T. -0.006 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

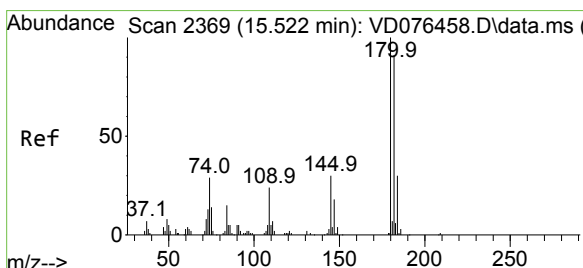
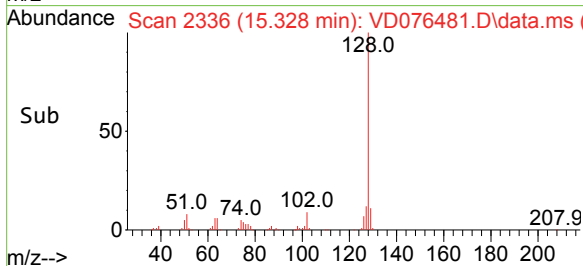
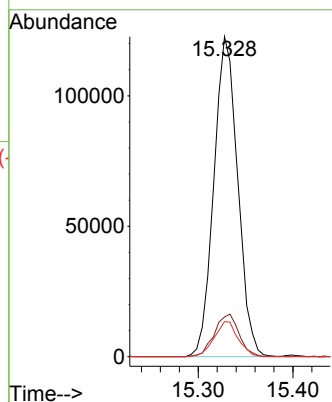
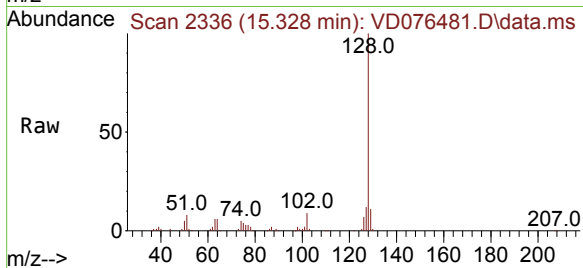
Tgt Ion:128 Resp: 215030

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 56.088 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD076481.D

Acq: 19 Jun 2023 20:47

Tgt Ion:180 Resp: 95519

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 30.3 15.1 45.3

