

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078096.D
 Acq On : 28 Dec 2023 16:52
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 28 22:27:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	157963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	252906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71602	50.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.804	113	81577	50.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.260%	
50) Toluene-d8	10.269	98	291747	50.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.569	95	95992	52.103	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57101	42.178	ug/l	92
3) Chloromethane	2.152	50	90921	48.698	ug/l	97
4) Vinyl Chloride	2.287	62	135457	48.134	ug/l	100
5) Bromomethane	2.693	94	97750	43.322	ug/l	97
6) Chloroethane	2.840	64	100939	48.810	ug/l	96
7) Trichlorofluoromethane	3.175	101	125896	46.479	ug/l	98
8) Diethyl Ether	3.593	74	36752	49.480	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	78240	46.376	ug/l	97
10) Methyl Iodide	4.169	142	80066	50.504	ug/l	92
11) Tert butyl alcohol	5.046	59	17707	282.594	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	71268	47.742	ug/l #	82
13) Acrolein	3.805	56	11210	151.435	ug/l	96
14) Allyl chloride	4.563	41	87417	48.448	ug/l	91
15) Acrylonitrile	5.258	53	77981	250.984	ug/l	99
16) Acetone	4.016	43	68967	239.782	ug/l #	86
17) Carbon Disulfide	4.275	76	184427	50.001	ug/l	96
18) Methyl Acetate	4.563	43	64521	56.012	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	170158	51.502	ug/l	99
20) Methylene Chloride	4.805	84	98705	57.804	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	86501	50.409	ug/l	98
22) Diisopropyl ether	6.216	45	209913	52.084	ug/l	99
23) Vinyl Acetate	6.157	43	383455	248.866	ug/l	94
24) 1,1-Dichloroethane	6.116	63	147339	49.400	ug/l	97
25) 2-Butanone	7.087	43	92877	249.535	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	123171	45.966	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	104769	51.464	ug/l	96
28) Bromochloromethane	7.428	49	50210	47.054	ug/l	91
29) Tetrahydrofuran	7.440	42	53610	246.395	ug/l	97
30) Chloroform	7.593	83	163744	50.660	ug/l	95
31) Cyclohexane	7.875	56	104127	46.440	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	138281	49.780	ug/l	98
36) 1,1-Dichloropropene	8.010	75	112958	49.335	ug/l	99
37) Ethyl Acetate	7.163	43	35496	46.613	ug/l	97
38) Carbon Tetrachloride	7.987	117	126209	50.869	ug/l	92
39) Methylcyclohexane	9.275	83	130889	49.862	ug/l	95
40) Benzene	8.252	78	342898	51.960	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19232	39.920	ug/l #	76
42) 1,2-Dichloroethane	8.322	62	92219	51.709	ug/l	96
43) Isopropyl Acetate	8.363	43	75543	49.550	ug/l	98
44) Trichloroethene	9.028	130	94710	49.885	ug/l	92
45) 1,2-Dichloropropane	9.304	63	86019	51.440	ug/l	98
46) Dibromomethane	9.393	93	49547	52.902	ug/l	99
47) Bromodichloromethane	9.587	83	127649	52.469	ug/l	98
48) Methyl methacrylate	9.381	41	42269	49.195	ug/l #	85
49) 1,4-Dioxane	9.381	88	9245	1044.183	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	201665	257.788	ug/l	95
52) Toluene	10.334	92	227980	53.264	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	115665	52.401	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	137219	51.767	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	69192	52.499	ug/l	96
56) Ethyl methacrylate	10.598	69	57870	55.329	ug/l	92
57) 1,3-Dichloropropane	10.875	76	114464	52.859	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	135039	298.207	ug/l	98
59) 2-Hexanone	10.922	43	146933	241.803	ug/l	91
60) Dibromochloromethane	11.075	129	88231	52.549	ug/l	92
61) 1,2-Dibromoethane	11.181	107	66499	52.628	ug/l	100
64) Tetrachloroethene	10.810	164	79093	49.208	ug/l	99
65) Chlorobenzene	11.604	112	253126	50.090	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	99855	52.207	ug/l	95
67) Ethyl Benzene	11.681	91	445510	50.569	ug/l	96
68) m/p-Xylenes	11.792	106	356848	104.077	ug/l	96
69) o-Xylene	12.122	106	165313	51.731	ug/l	95
70) Styrene	12.134	104	251489	53.302	ug/l	96
71) Bromoform	12.298	173	54823	51.954	ug/l #	99
73) Isopropylbenzene	12.422	105	438209	48.431	ug/l	97
74) N-amyl acetate	12.234	43	69910	46.542	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	78979	48.027	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	94055	84.863	ug/l #	100
77) Bromobenzene	12.698	156	110160	50.047	ug/l	99
78) n-propylbenzene	12.763	91	521934	47.922	ug/l	99
79) 2-Chlorotoluene	12.851	91	289292	49.108	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	369065	49.315	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	23531	45.749	ug/l	96
82) 4-Chlorotoluene	12.945	91	301424	47.725	ug/l	99
83) tert-Butylbenzene	13.163	119	329964	49.220	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	379796	49.824	ug/l	98
85) sec-Butylbenzene	13.345	105	467692	48.865	ug/l	97
86) p-Isopropyltoluene	13.457	119	425445	49.670	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	231209	50.768	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	221489	49.588	ug/l	98
89) n-Butylbenzene	13.787	91	377324	47.993	ug/l	99
90) Hexachloroethane	14.051	117	84094	49.109	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	195121	49.888	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11196	48.611	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	129649	50.772	ug/l	98
94) Hexachlorobutadiene	15.204	225	72360	50.437	ug/l	98
95) Naphthalene	15.328	128	223185	51.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	112453	51.901	ug/l	99

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QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

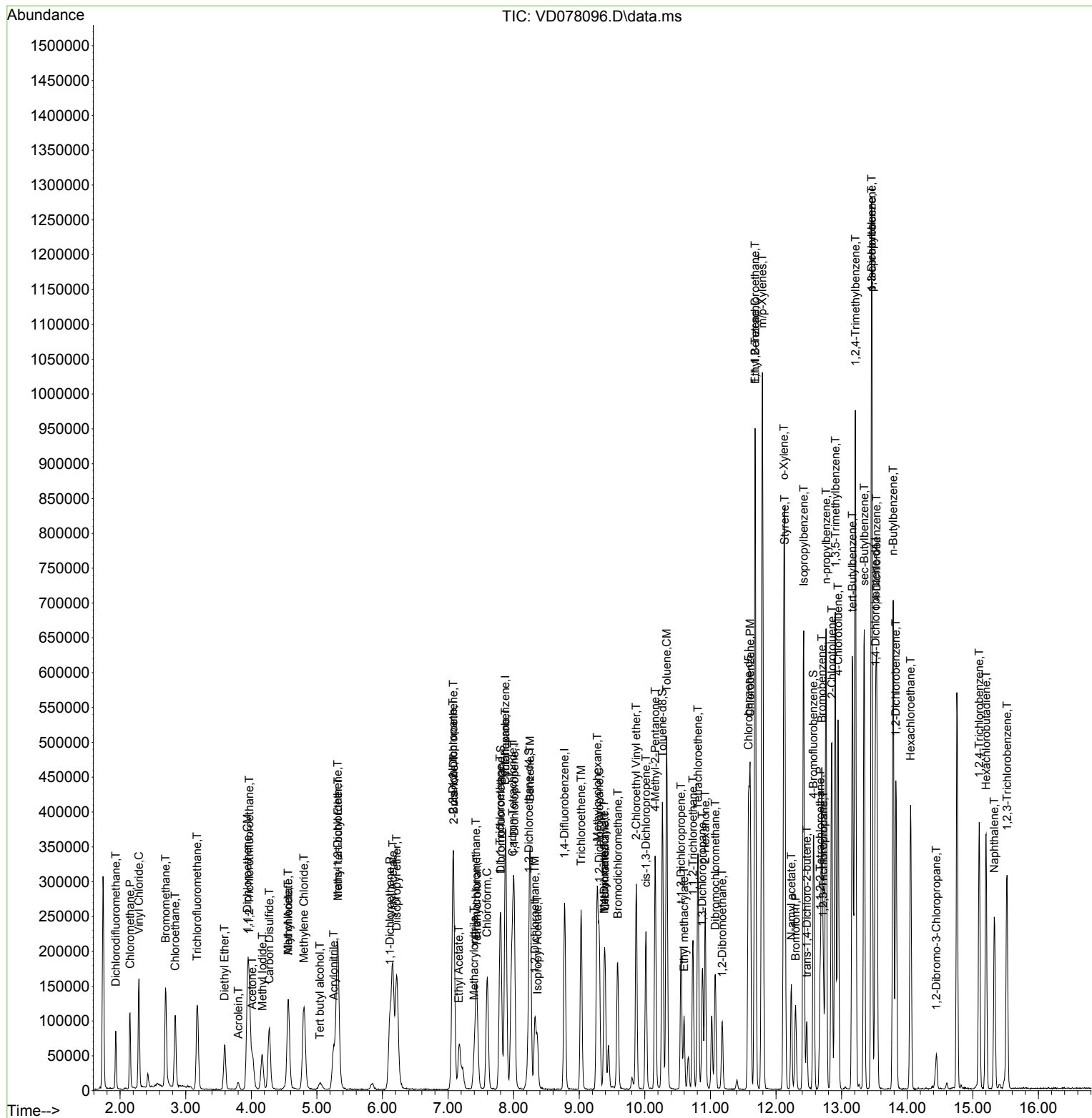
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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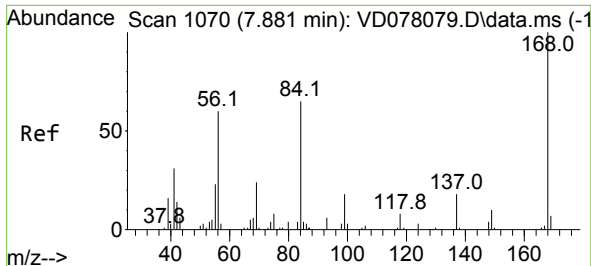
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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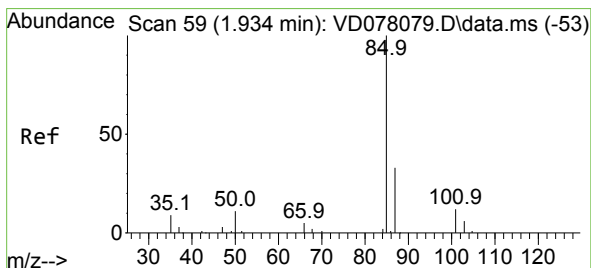
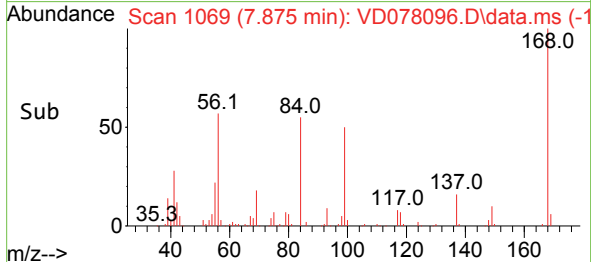
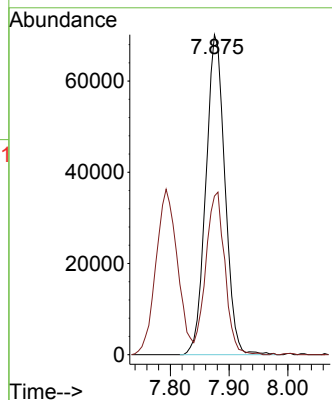
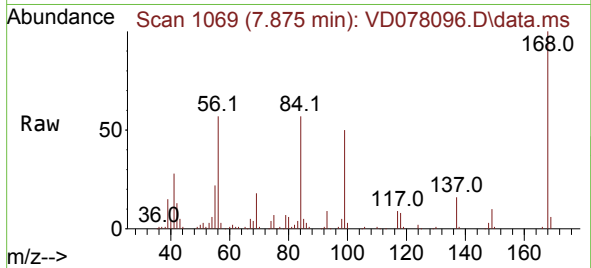




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

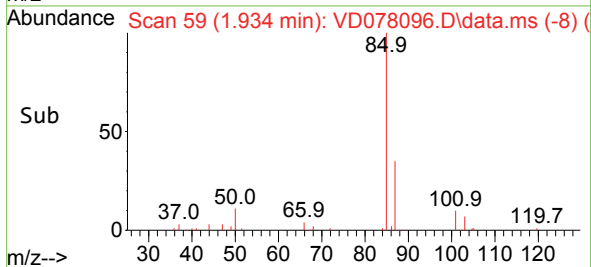
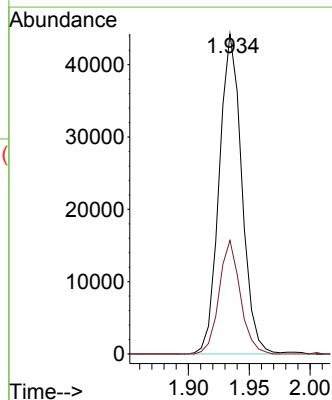
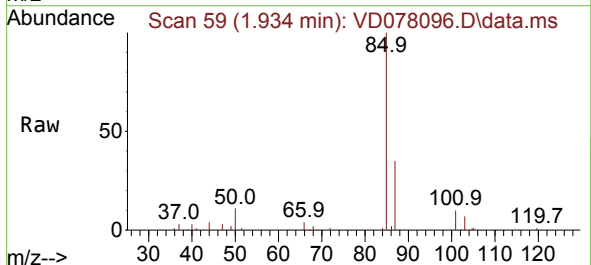
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

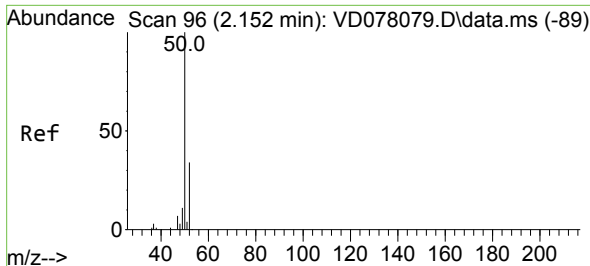
Tgt Ion:168 Resp: 157963
Ion Ratio Lower Upper
168 100
99 49.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 42.178 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 85 Resp: 57101
Ion Ratio Lower Upper
85 100
87 35.5 15.7 47.0

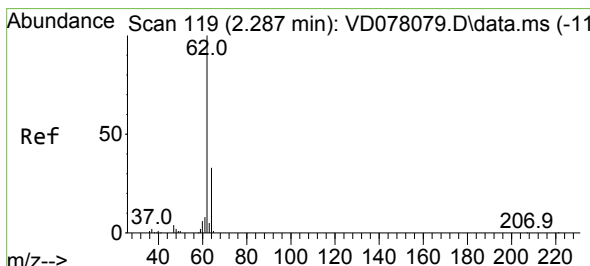
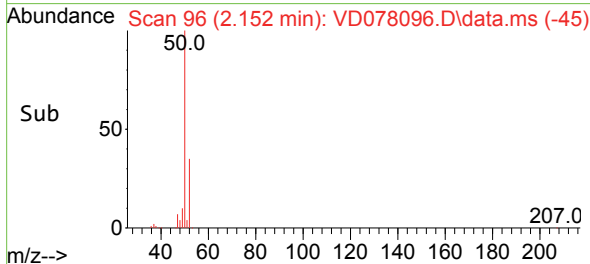
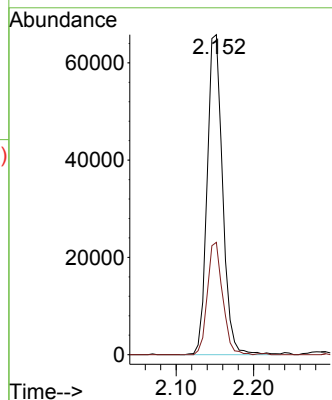
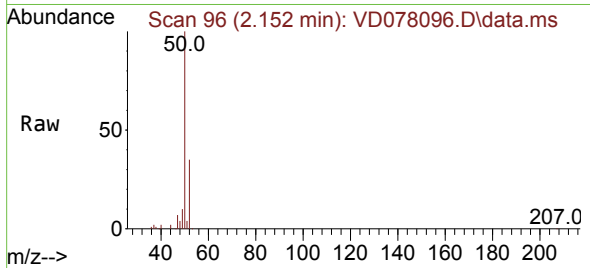




#3
Chloromethane
Concen: 48.698 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

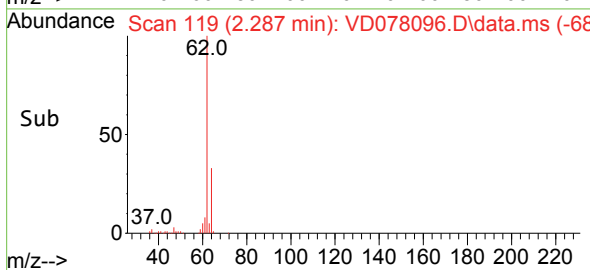
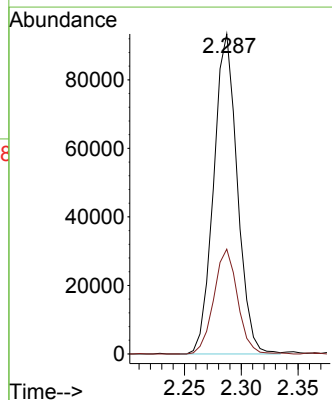
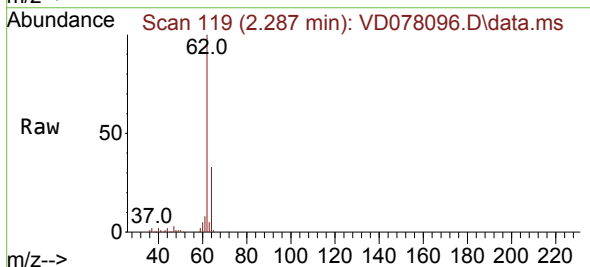
Instrument :
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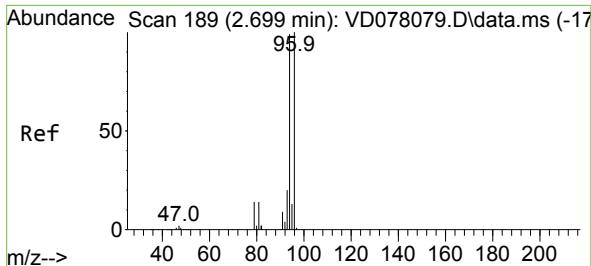
Tgt Ion: 50 Resp: 90921
Ion Ratio Lower Upper
50 100
52 35.1 26.6 40.0



#4
Vinyl Chloride
Concen: 48.134 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 62 Resp: 135457
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0

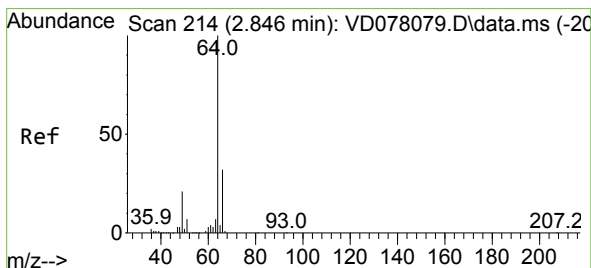
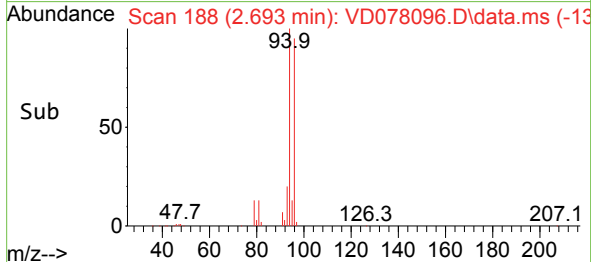
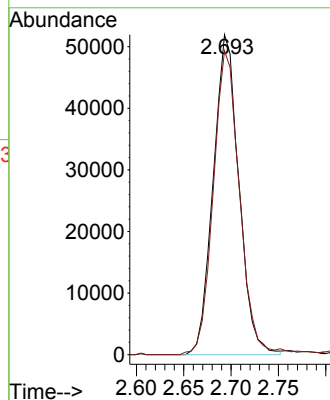
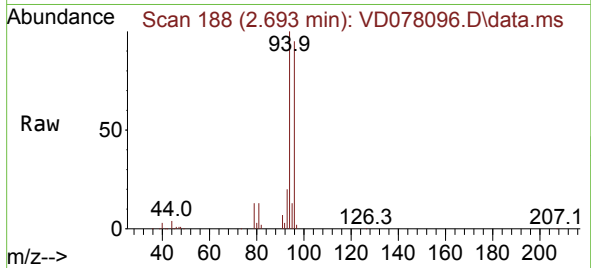




#5
Bromomethane
Concen: 43.322 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

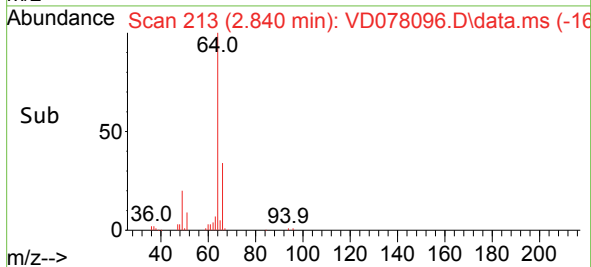
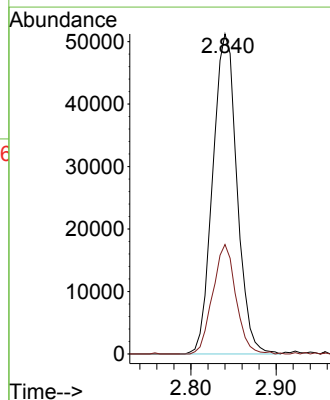
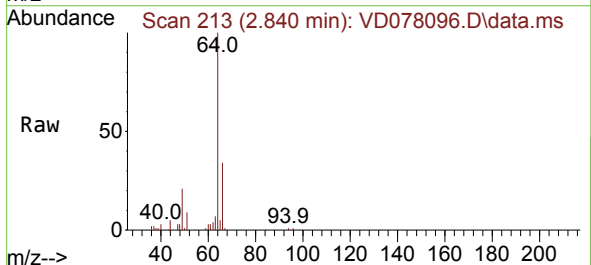
Instrument :
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ClientSampleId :
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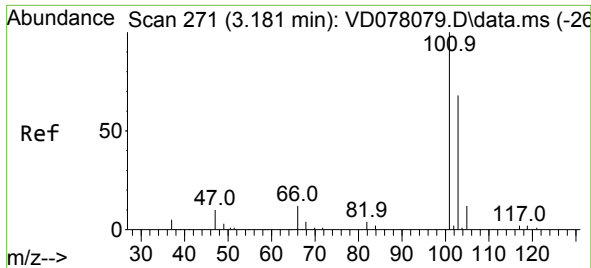
Tgt Ion: 94 Resp: 97750
Ion Ratio Lower Upper
94 100
96 97.7 75.8 113.8



#6
Chloroethane
Concen: 48.810 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 64 Resp: 100939
Ion Ratio Lower Upper
64 100
66 34.2 25.5 38.3

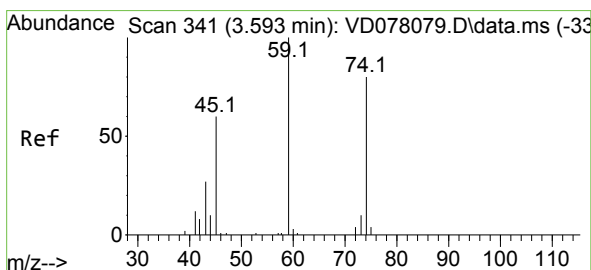
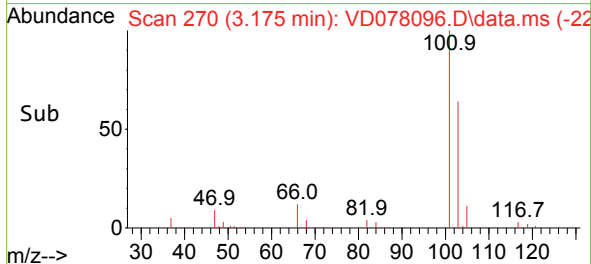
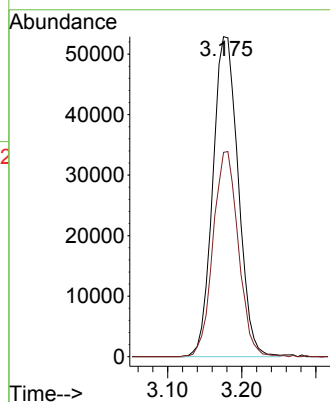
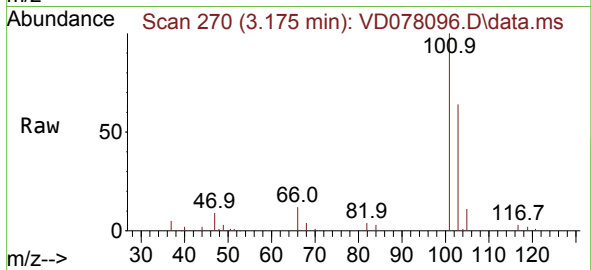




#7
Trichlorofluoromethane
Concen: 46.479 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

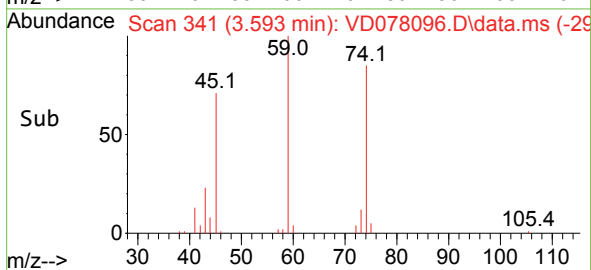
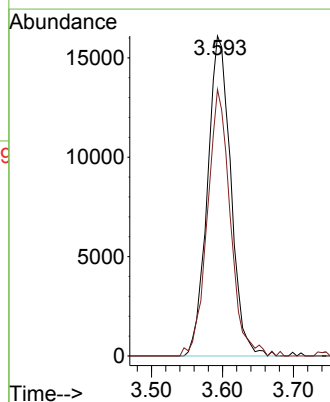
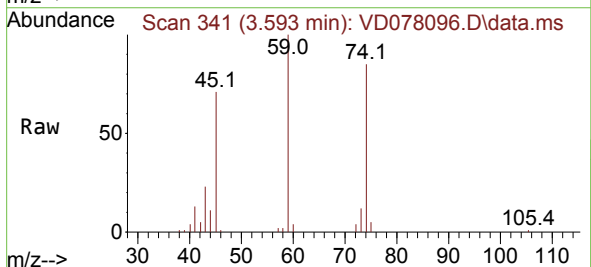
Instrument :
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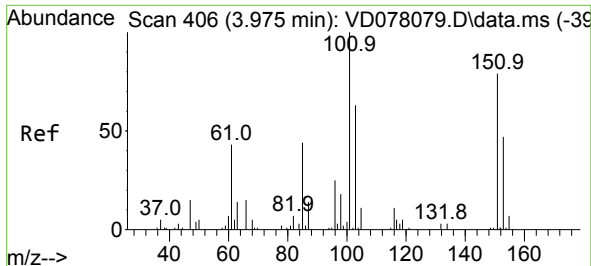
Tgt Ion:101 Resp: 125896
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5



#8
Diethyl Ether
Concen: 49.480 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 74 Resp: 36752
Ion Ratio Lower Upper
74 100
45 82.0 37.5 112.7

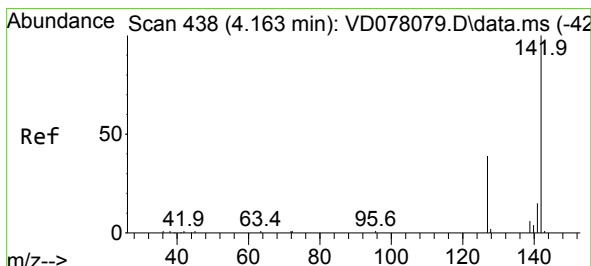
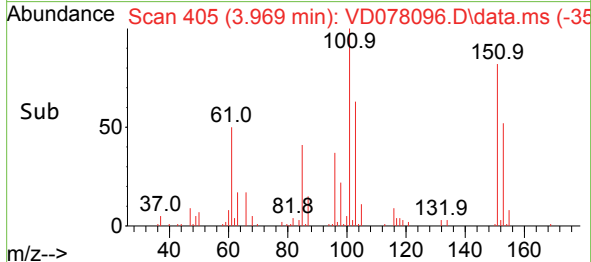
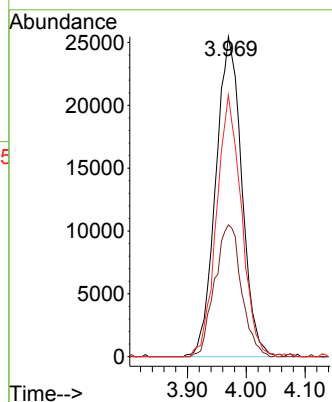
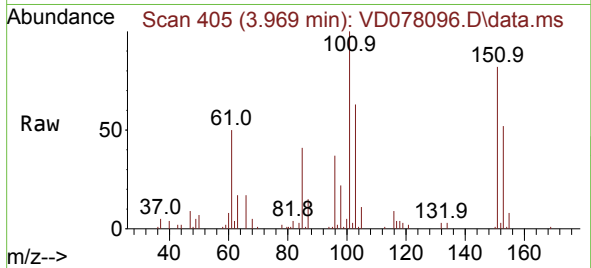




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.376 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

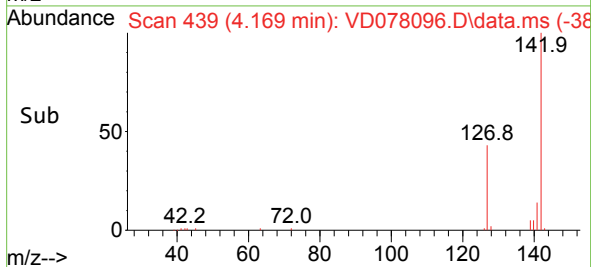
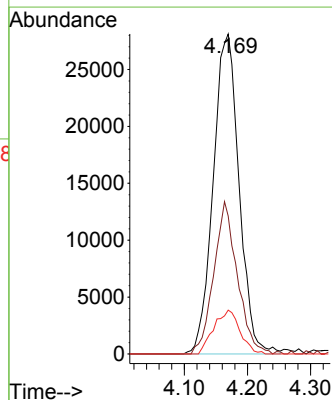
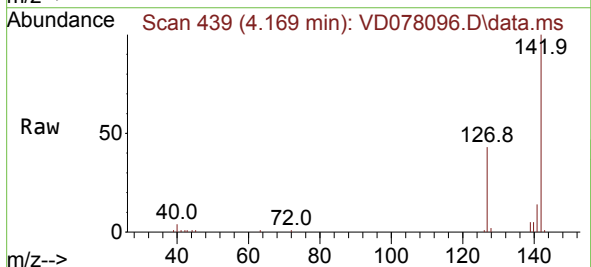
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

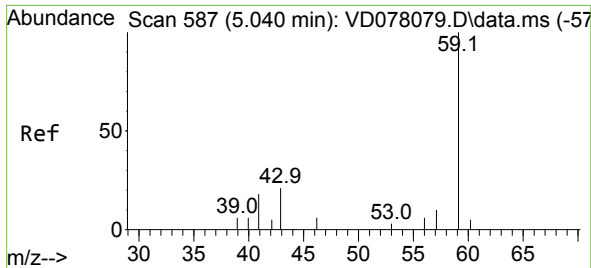
Tgt Ion:101 Resp: 78240
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 78.3 59.8 89.6



#10
Methyl Iodide
Concen: 50.504 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion:142 Resp: 80066
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 13.8 11.1 16.7

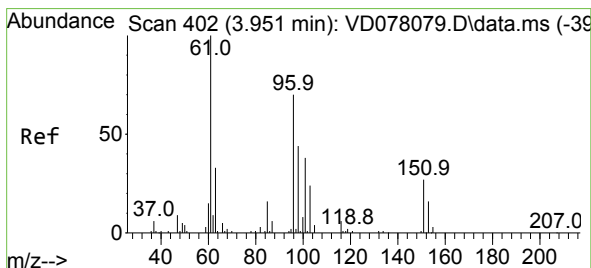
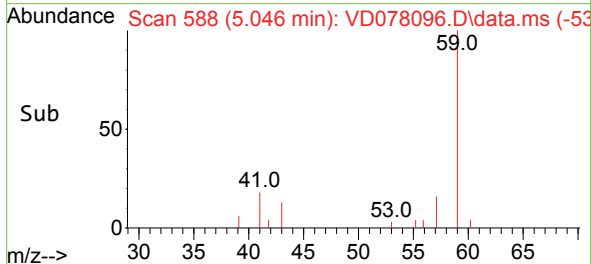
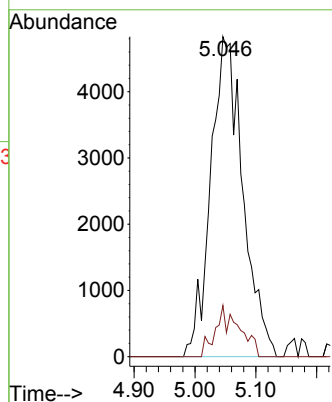
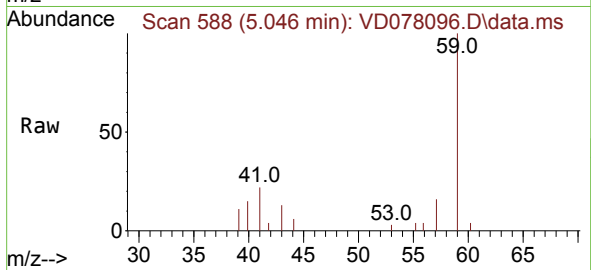




#11
Tert butyl alcohol
Concen: 282.594 ug/l
RT: 5.046 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

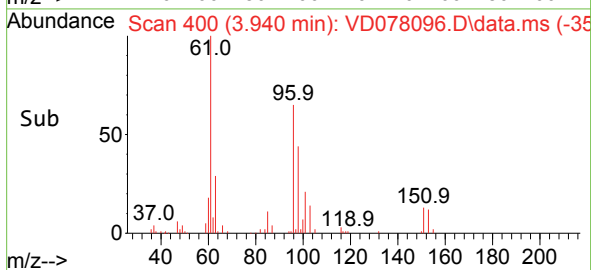
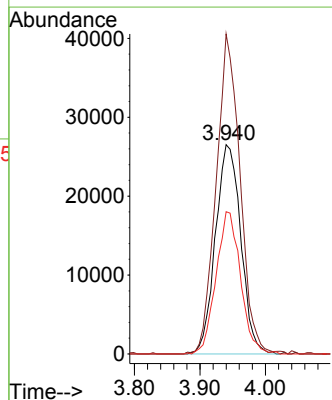
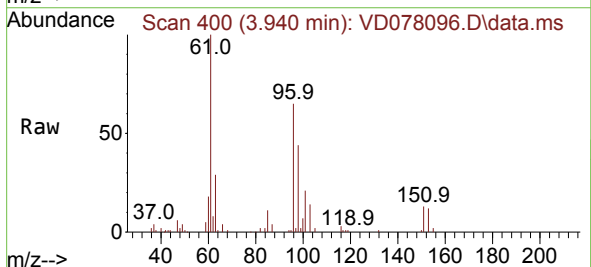
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

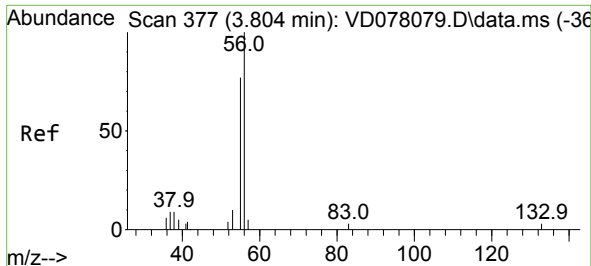
Tgt Ion: 59 Resp: 17707
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 47.742 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 96 Resp: 71268
Ion Ratio Lower Upper
96 100
61 152.9 100.6 150.8#
98 68.0 50.2 75.2

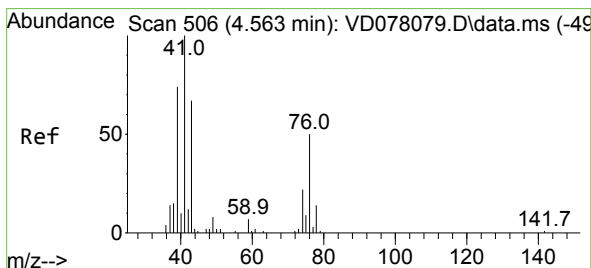
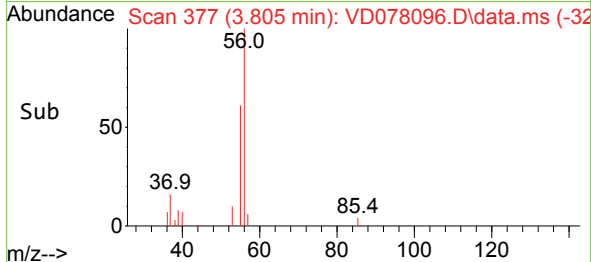
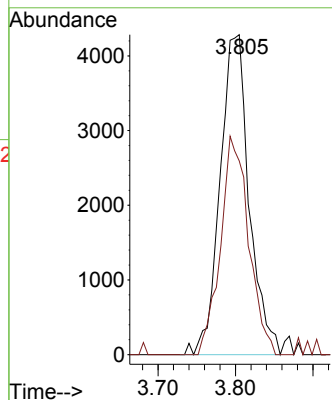
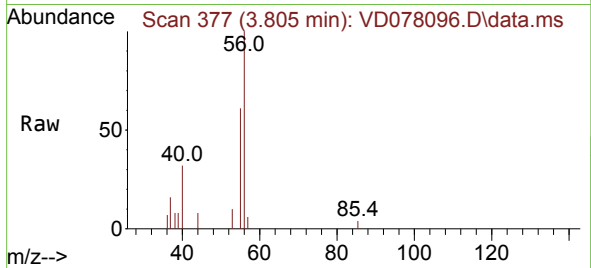




#13
Acrolein
Concen: 151.435 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.001 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

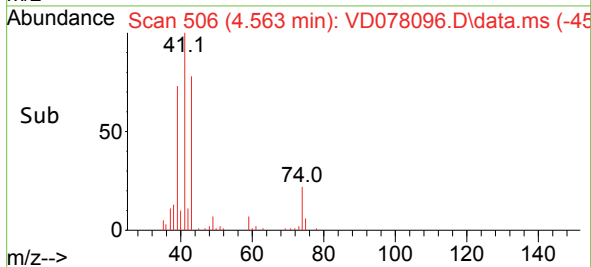
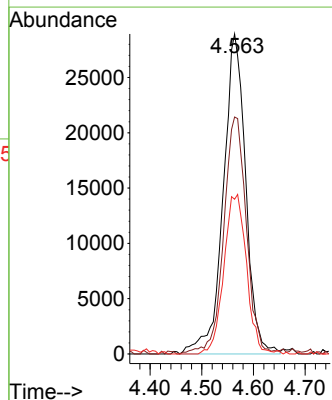
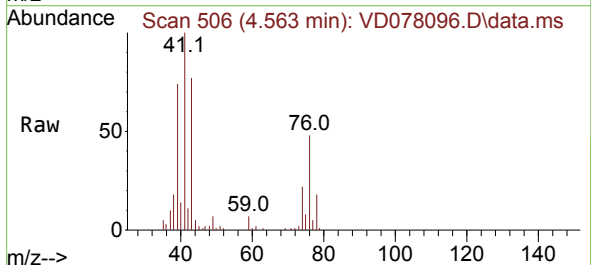
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

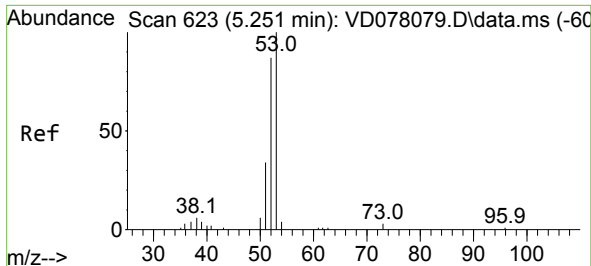
Tgt Ion: 56 Resp: 11210
Ion Ratio Lower Upper
56 100
55 65.9 55.1 82.7



#14
Allyl chloride
Concen: 48.448 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 41 Resp: 87417
Ion Ratio Lower Upper
41 100
39 74.7 53.8 80.6
76 50.3 45.8 68.8

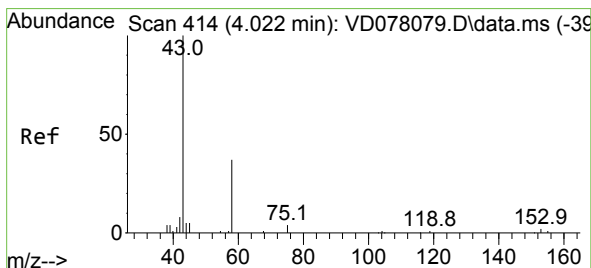
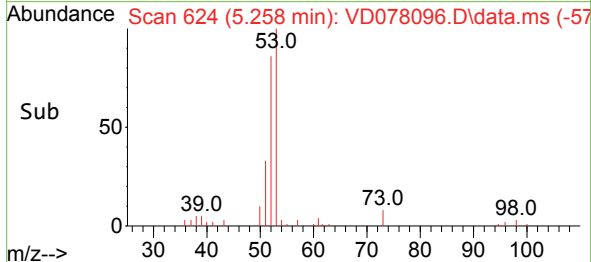
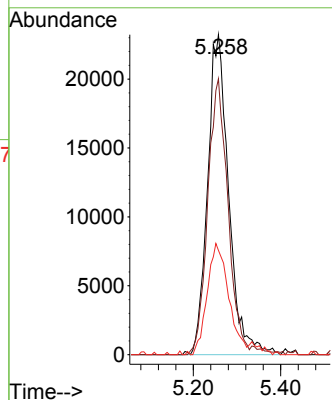
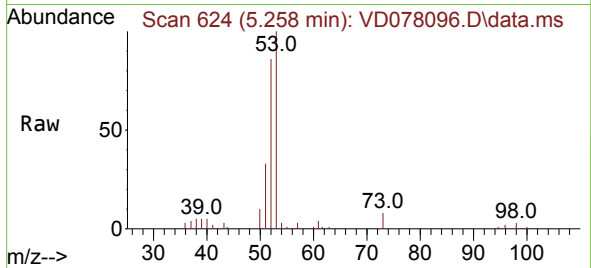




#15
Acrylonitrile
Concen: 250.984 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

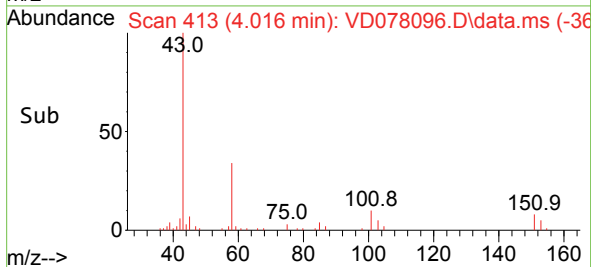
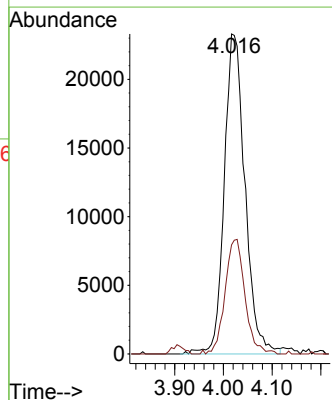
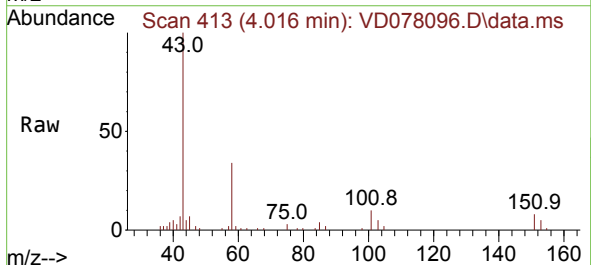
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

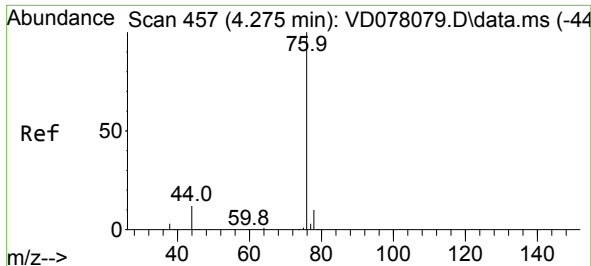
Tgt Ion:	53	Resp:	77981
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.0	97.4
51	35.3	28.3	42.5



#16
Acetone
Concen: 239.782 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion:	43	Resp:	68967
Ion	Ratio	Lower	Upper
43	100		
58	34.1	34.7	52.1#

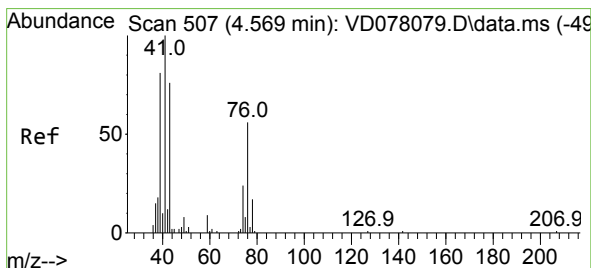
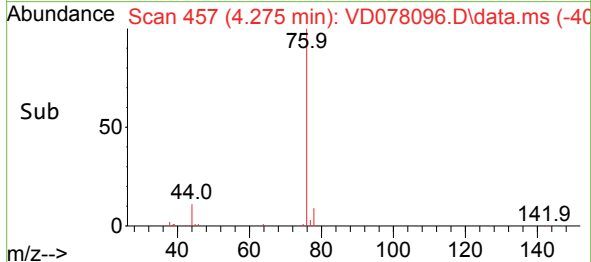
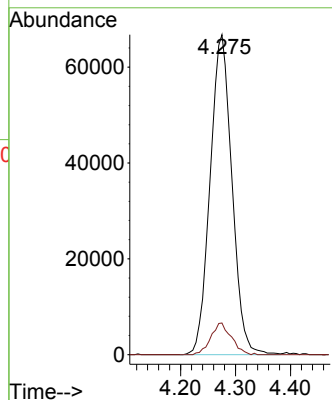
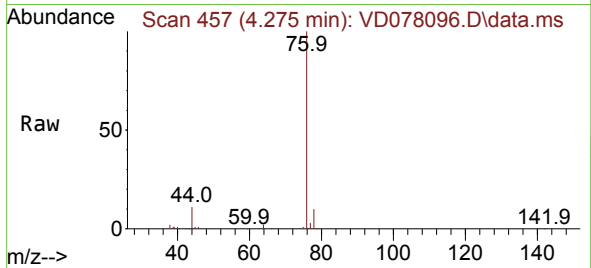




#17
Carbon Disulfide
Concen: 50.001 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

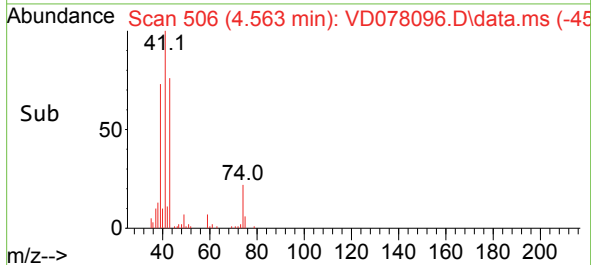
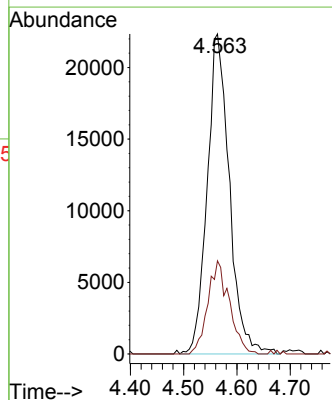
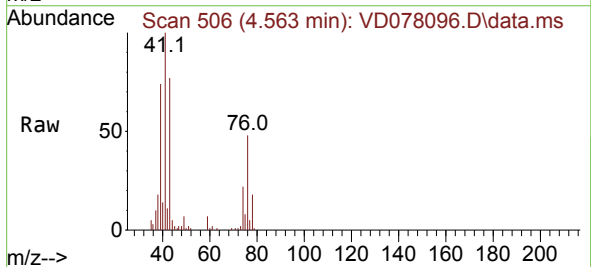
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

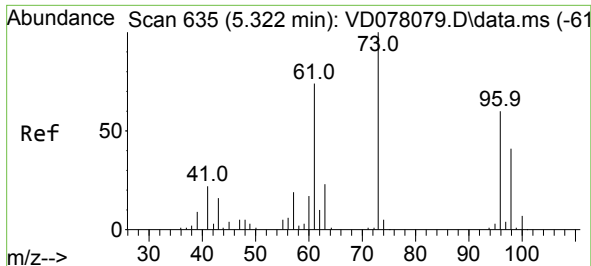
Tgt Ion: 76 Resp: 184427
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 56.012 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 43 Resp: 64521
Ion Ratio Lower Upper
43 100
74 28.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 51.502 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

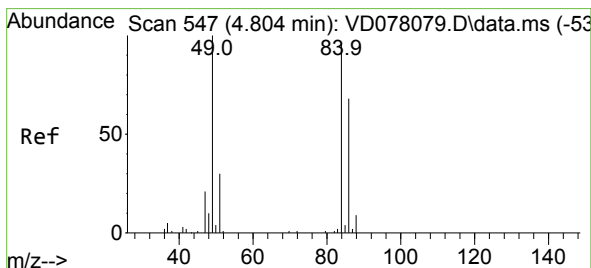
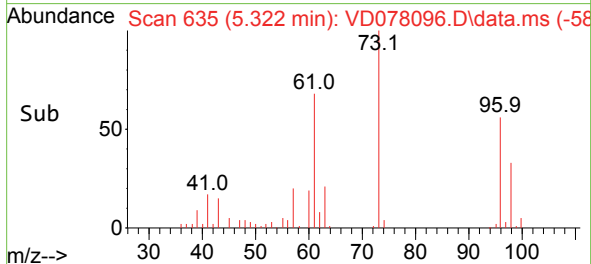
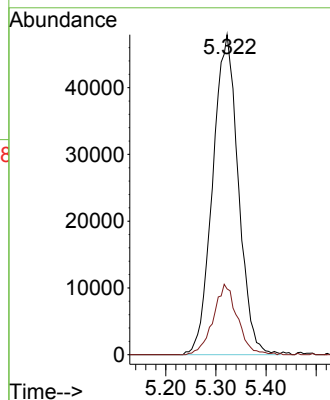
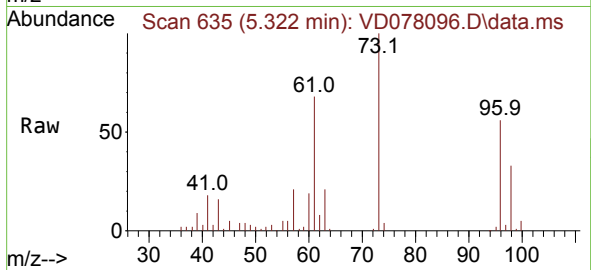
VSTDCCC050EC

Tgt Ion: 73 Resp: 170158

Ion Ratio Lower Upper

73 100

57 20.5 16.6 25.0



#20

Methylene Chloride

Concen: 57.804 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Tgt Ion: 84 Resp: 98705

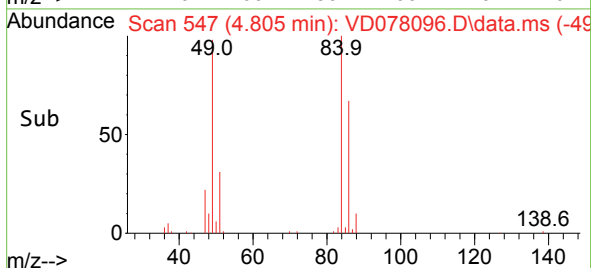
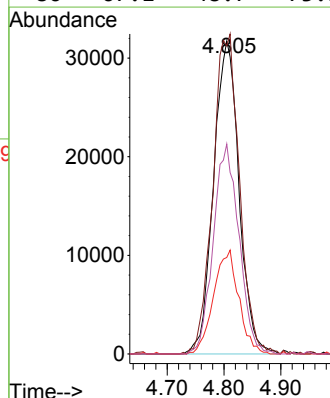
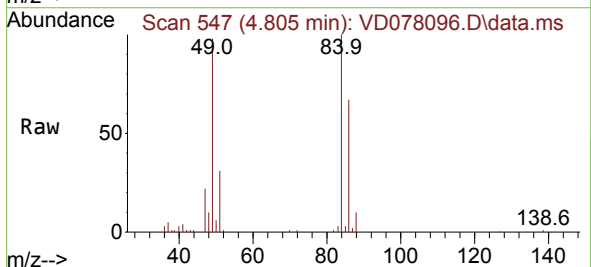
Ion Ratio Lower Upper

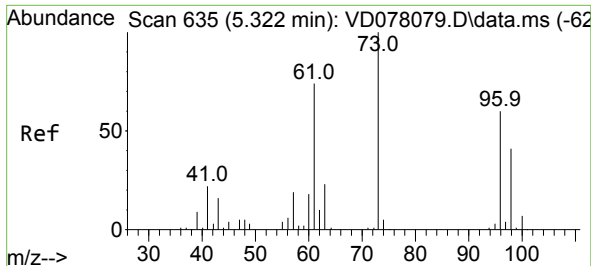
84 100

49 98.4 71.4 107.2

51 30.8 24.5 36.7

86 67.1 48.7 73.1

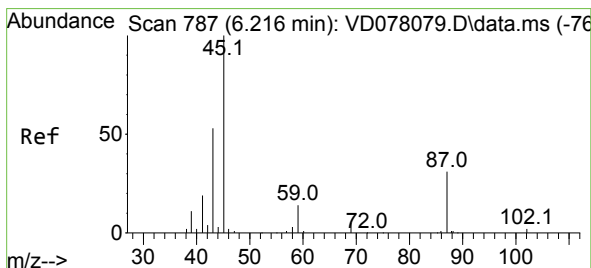
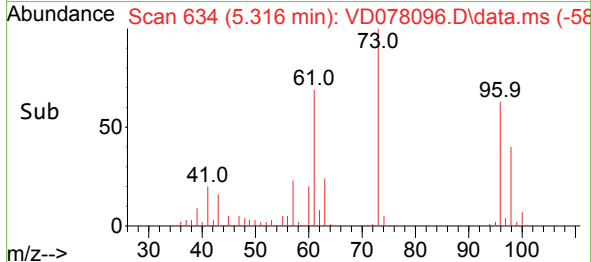
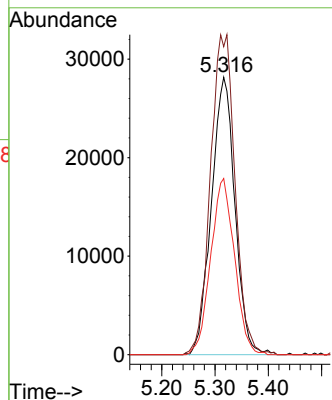
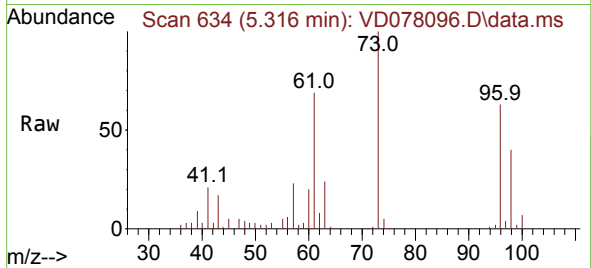




#21
trans-1,2-Dichloroethene
Concen: 50.409 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

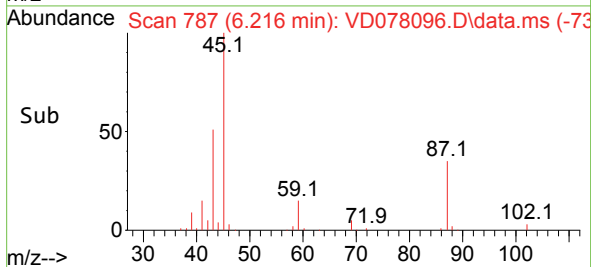
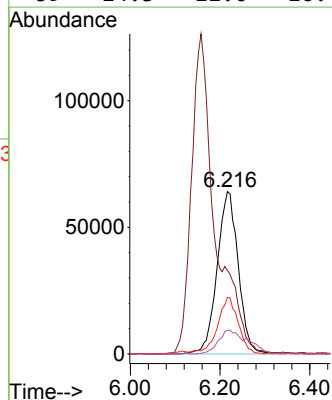
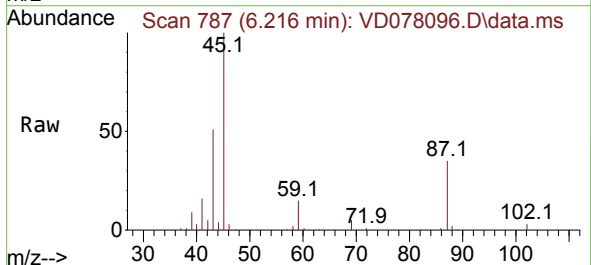
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

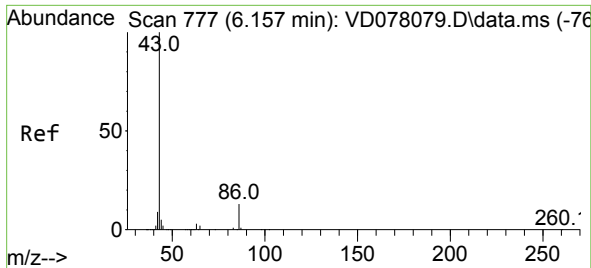
Tgt Ion: 96 Resp: 86501
Ion Ratio Lower Upper
96 100
61 111.0 89.3 133.9
98 63.5 48.6 73.0



#22
Diisopropyl ether
Concen: 52.084 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 45 Resp: 209913
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 34.8 28.2 42.4
59 14.3 11.0 16.4

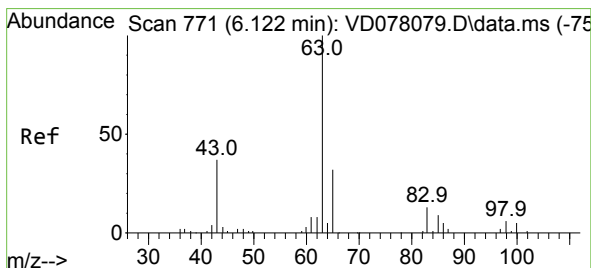
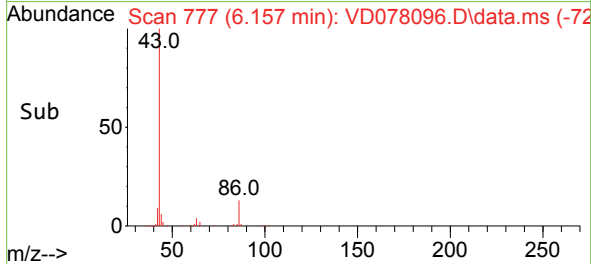
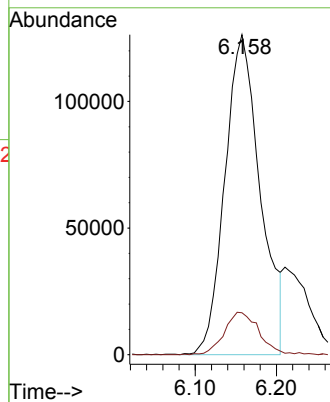
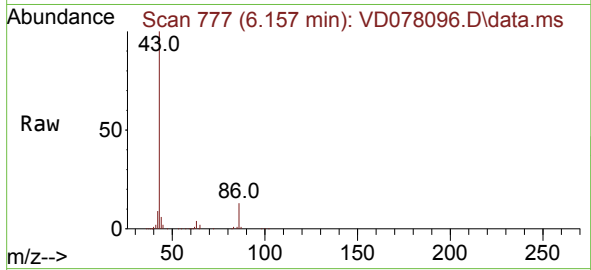




#23
 Vinyl Acetate
 Concen: 248.866 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078096.D
 Acq: 28 Dec 2023 16:52

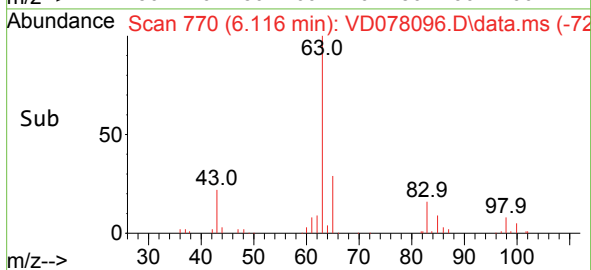
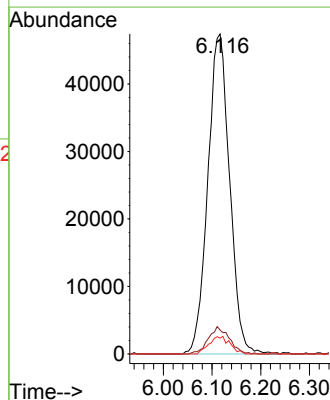
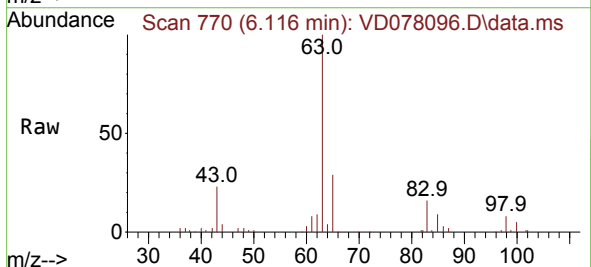
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

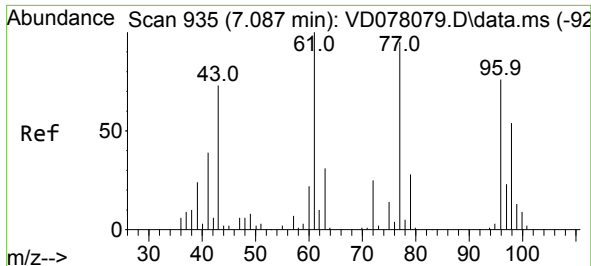
Tgt Ion: 43 Resp: 383455
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 49.400 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078096.D
 Acq: 28 Dec 2023 16:52

Tgt Ion: 63 Resp: 147339
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 5.0 2.5 7.5

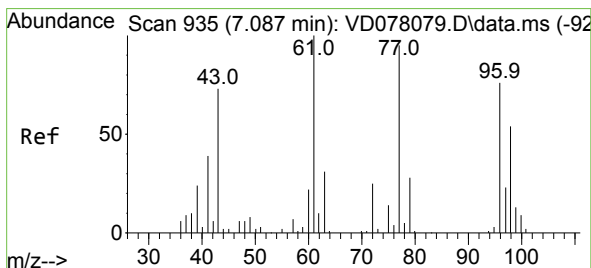
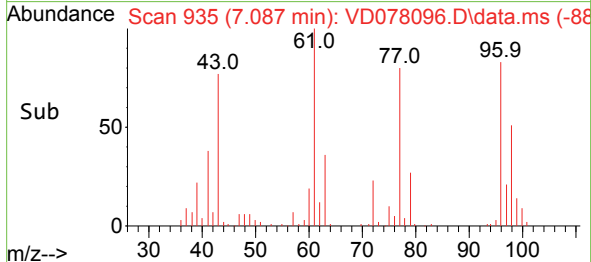
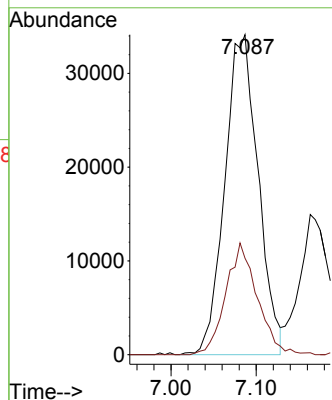
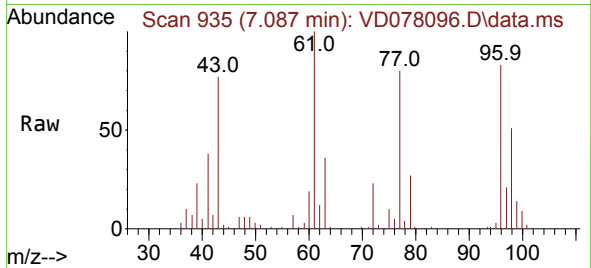




#25
2-Butanone
Concen: 249.535 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

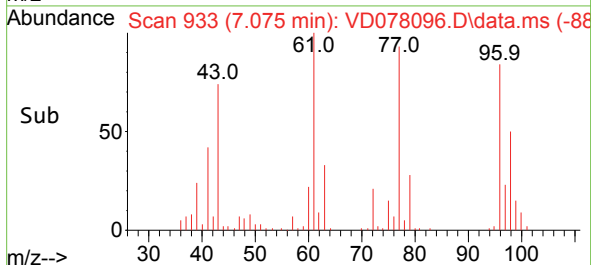
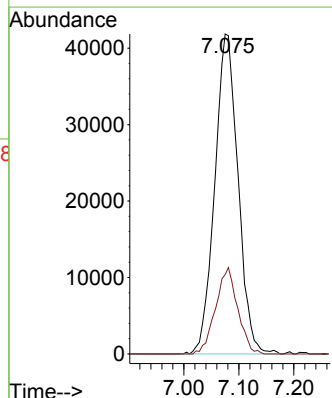
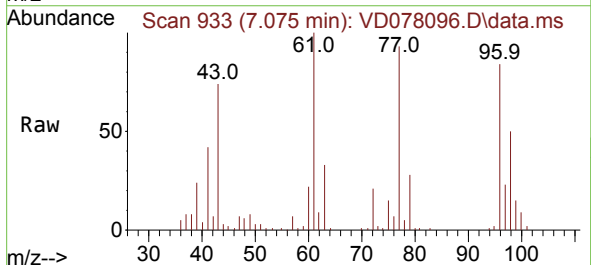
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

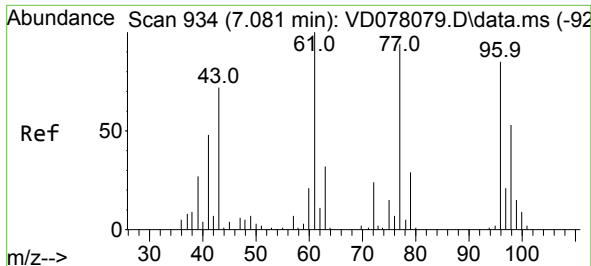
Tgt Ion: 43 Resp: 92877
Ion Ratio Lower Upper
43 100
72 30.2 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 45.966 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 77 Resp: 123171
Ion Ratio Lower Upper
77 100
97 25.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 51.464 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

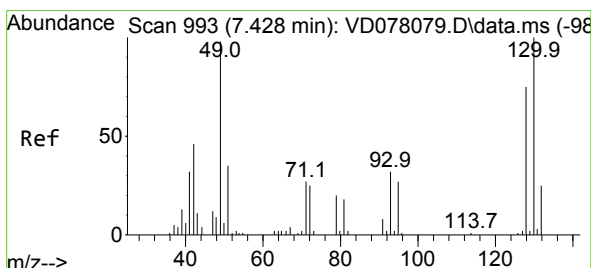
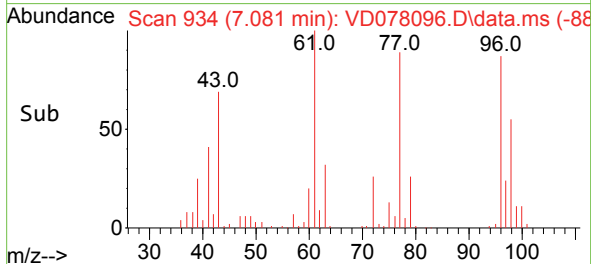
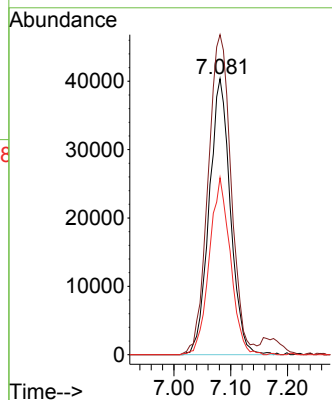
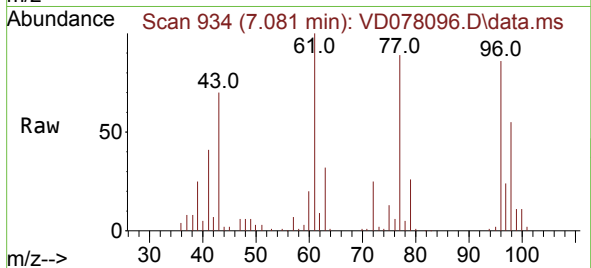
Tgt Ion: 96 Resp: 104769

Ion Ratio Lower Upper

96 100

61 126.0 0.0 239.2

98 63.6 0.0 128.6



#28

Bromochloromethane

Concen: 47.054 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

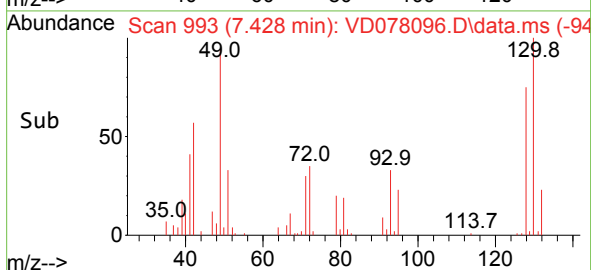
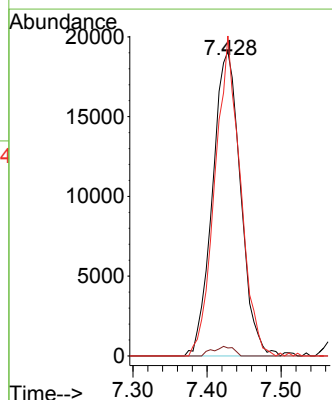
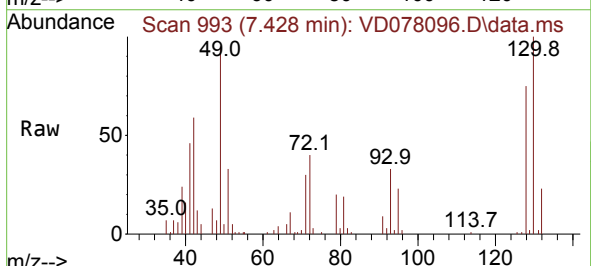
Tgt Ion: 49 Resp: 50210

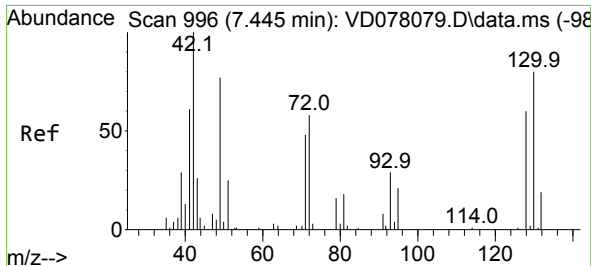
Ion Ratio Lower Upper

49 100

129 2.3 0.0 6.0

130 94.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 246.395 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

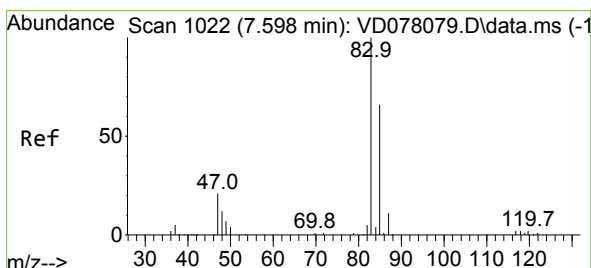
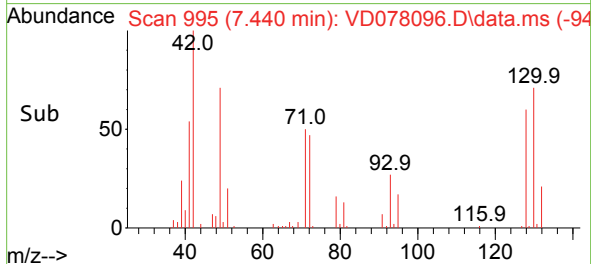
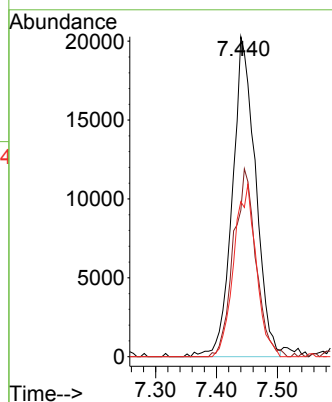
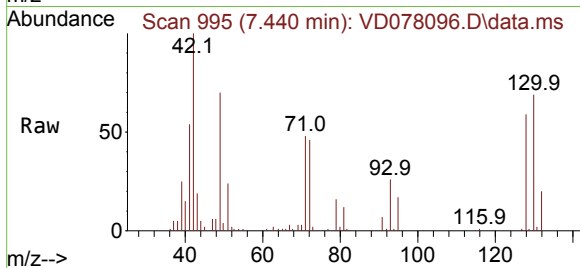
Tgt Ion: 42 Resp: 53610

Ion Ratio Lower Upper

42 100

72 57.2 46.5 69.7

71 52.0 44.5 66.7



#30

Chloroform

Concen: 50.660 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078096.D

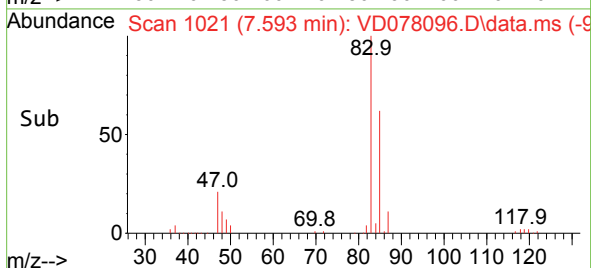
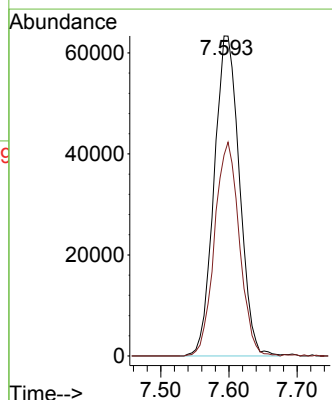
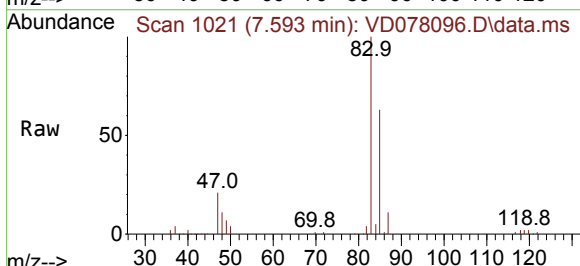
Acq: 28 Dec 2023 16:52

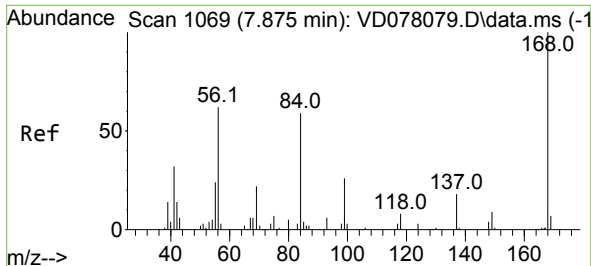
Tgt Ion: 83 Resp: 163744

Ion Ratio Lower Upper

83 100

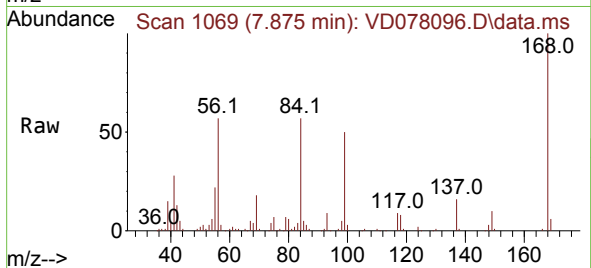
85 62.7 53.4 80.2



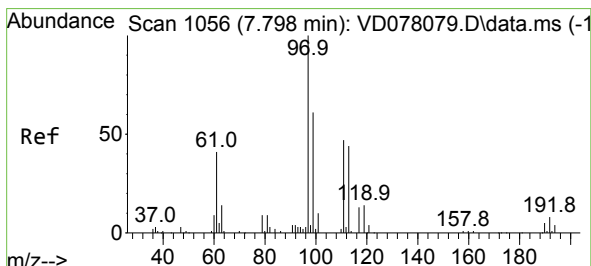
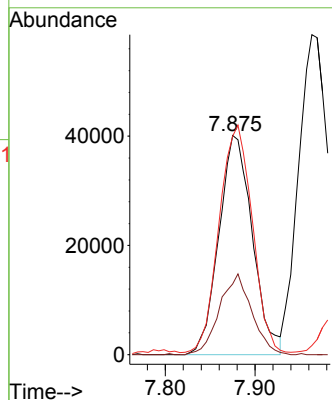
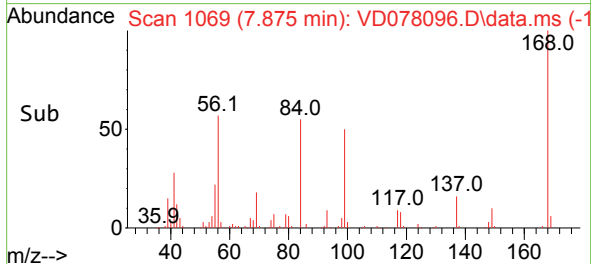


#31
Cyclohexane
Concen: 46.440 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

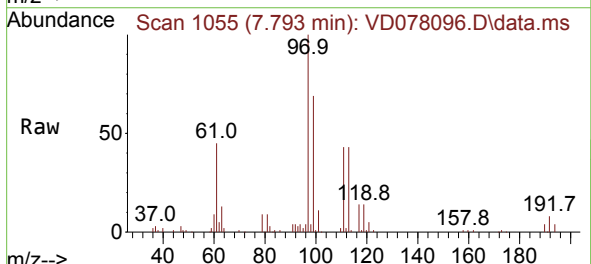
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



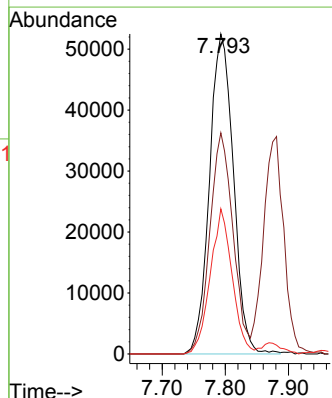
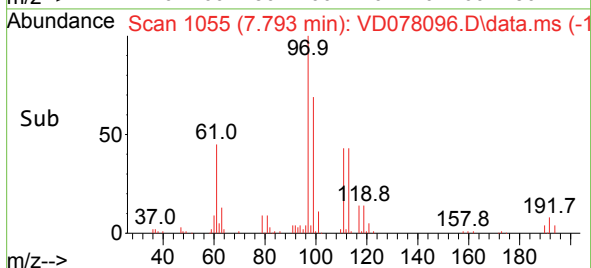
Tgt Ion: 56 Resp: 104127
Ion Ratio Lower Upper
56 100
69 32.3 28.6 43.0
84 98.7 84.8 127.2

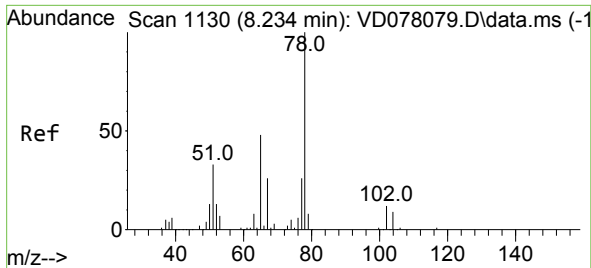


#32
1,1,1-Trichloroethane
Concen: 49.780 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52



Tgt Ion: 97 Resp: 138281
Ion Ratio Lower Upper
97 100
99 67.1 52.0 78.0
61 41.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.944 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

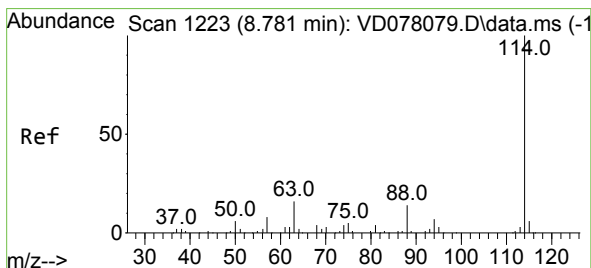
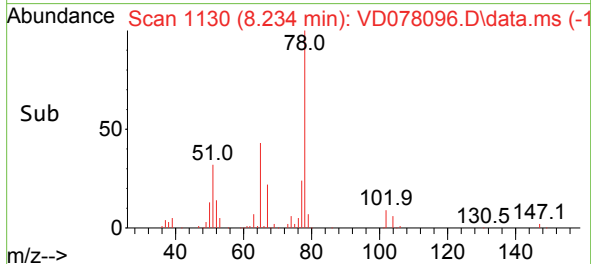
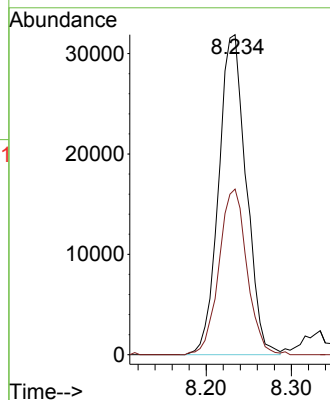
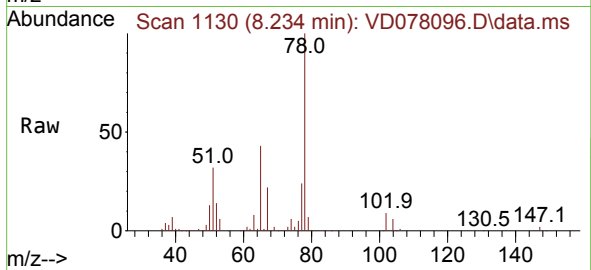
VSTDCCC050EC

Tgt Ion: 65 Resp: 71602

Ion Ratio Lower Upper

65 100

67 52.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

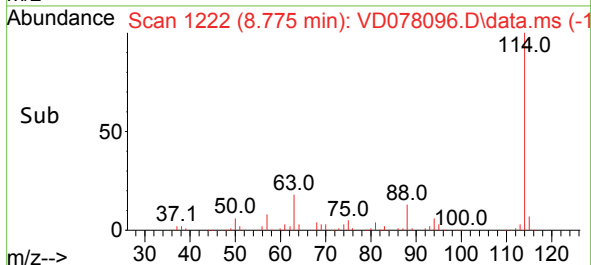
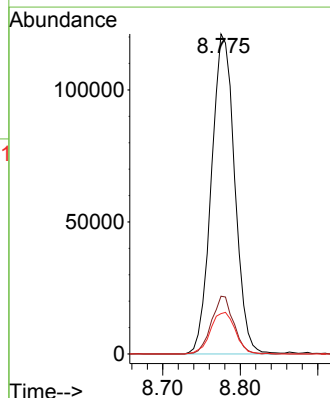
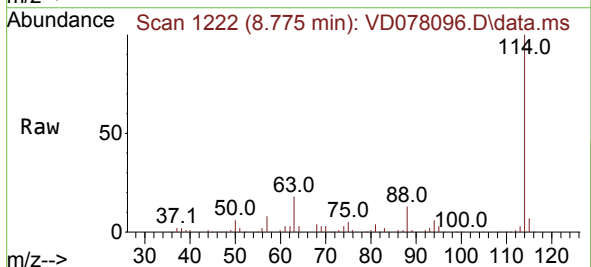
Tgt Ion: 114 Resp: 252906

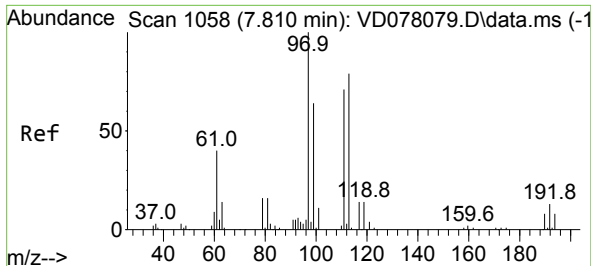
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 12.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.131 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

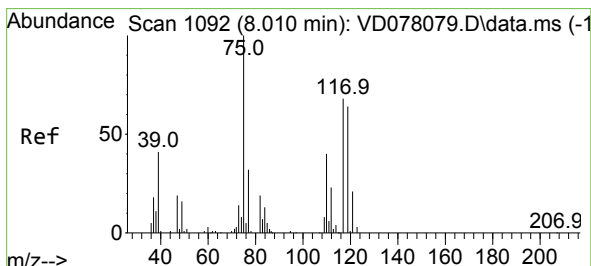
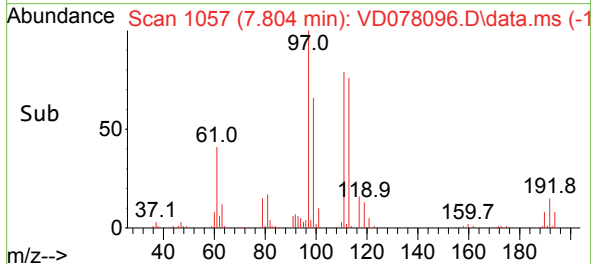
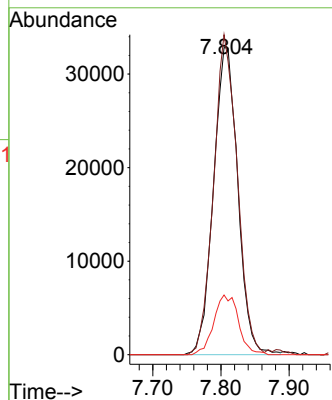
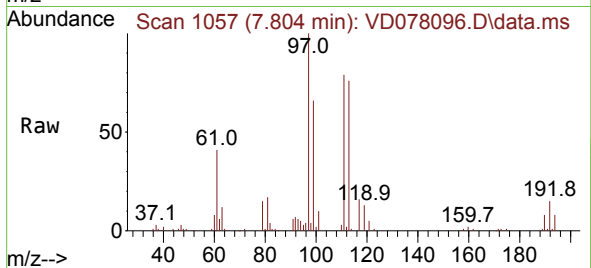
Tgt Ion:113 Resp: 81577

Ion Ratio Lower Upper

113 100

111 101.2 84.7 127.1

192 19.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.335 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

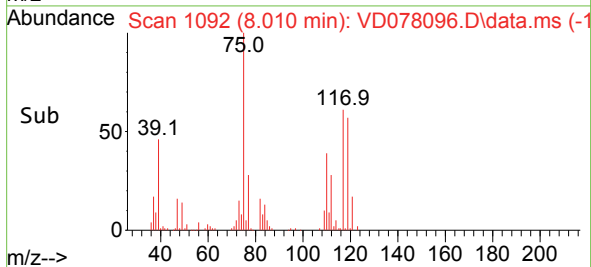
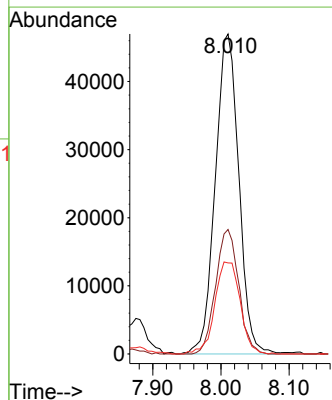
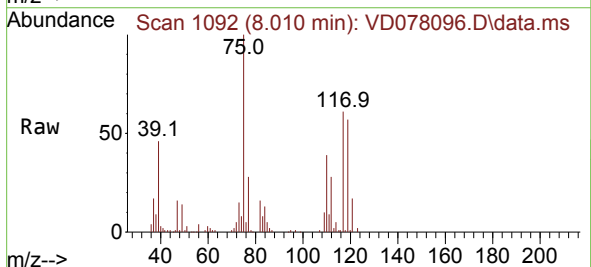
Tgt Ion: 75 Resp: 112958

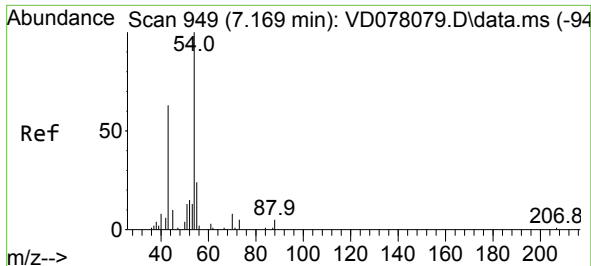
Ion Ratio Lower Upper

75 100

110 38.1 19.9 59.6

77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 46.613 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078096.D

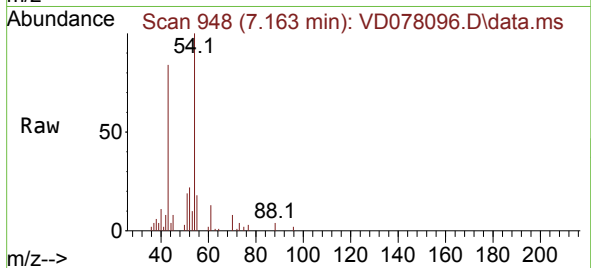
Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



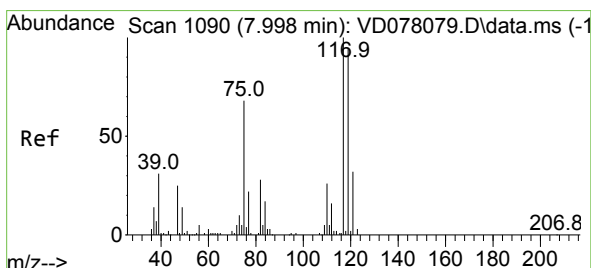
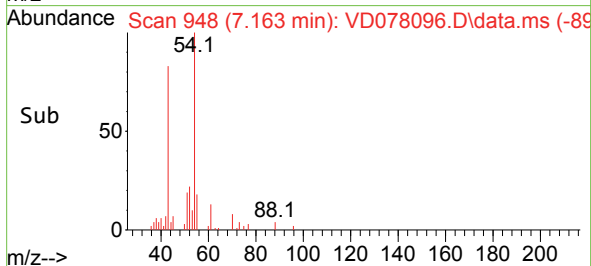
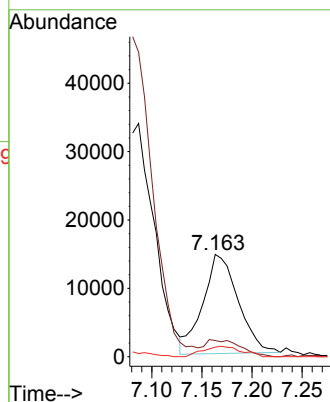
Tgt Ion: 43 Resp: 35496

Ion Ratio Lower Upper

43 100

61 17.2 14.9 22.3

70 11.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 50.869 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

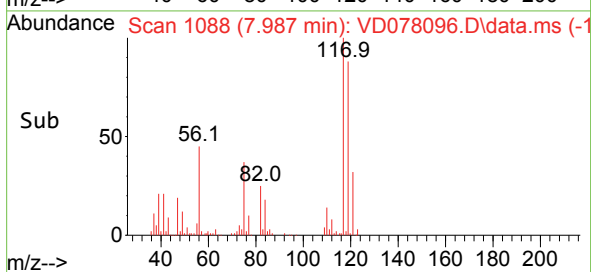
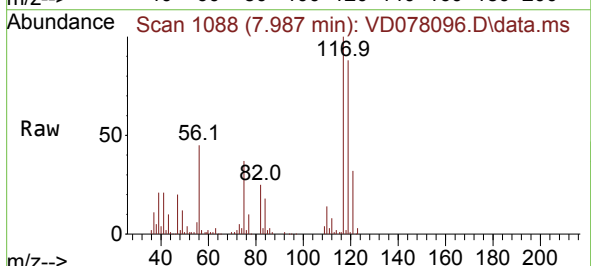
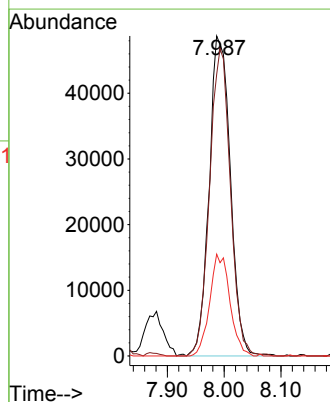
Tgt Ion: 117 Resp: 126209

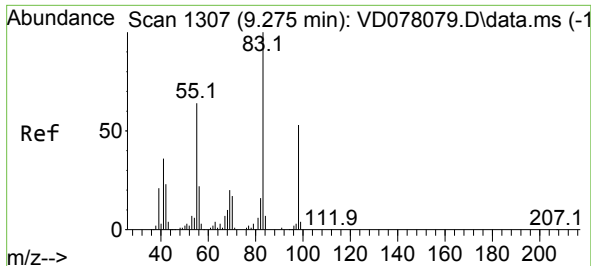
Ion Ratio Lower Upper

117 100

119 88.0 78.0 117.0

121 31.8 24.2 36.2

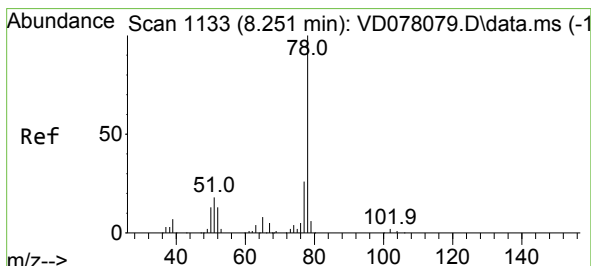
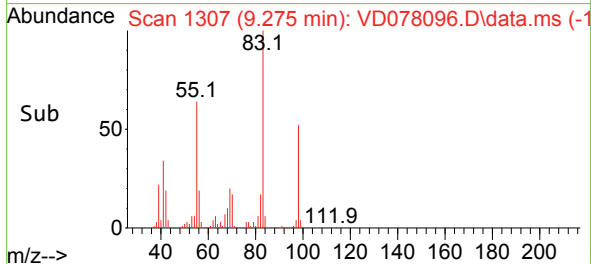
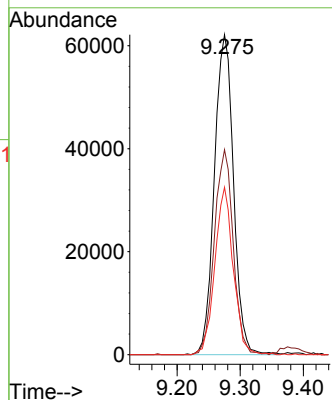
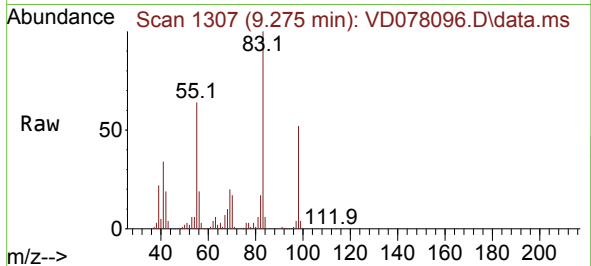




#39
Methylcyclohexane
Concen: 49.862 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

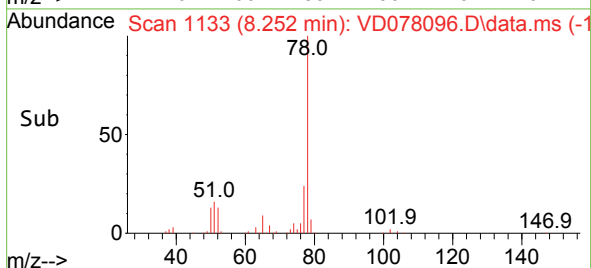
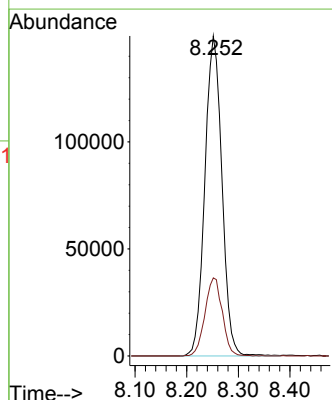
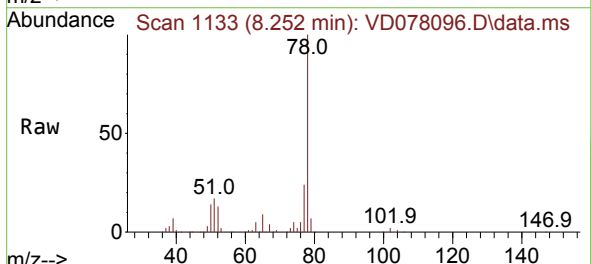
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

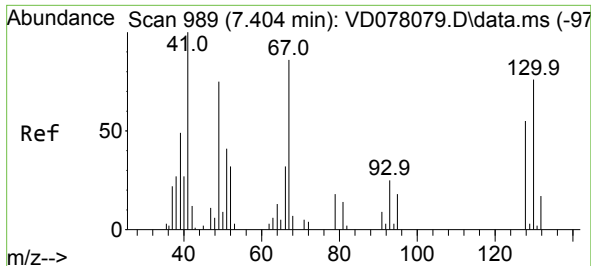
Tgt Ion: 83 Resp: 130889
Ion Ratio Lower Upper
83 100
55 64.1 49.4 74.0
98 52.3 38.4 57.6



#40
Benzene
Concen: 51.960 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 78 Resp: 342898
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

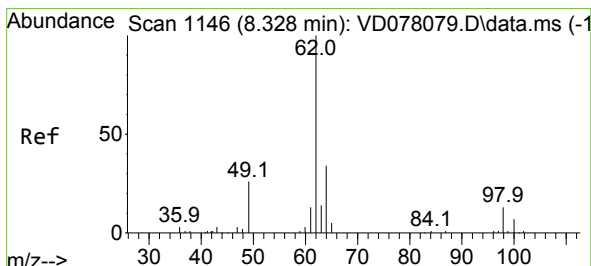
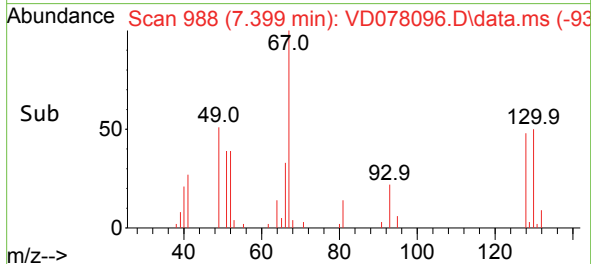
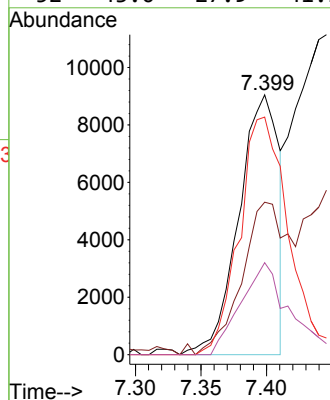
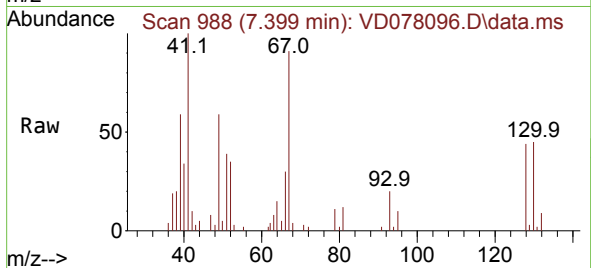




#41
Methacrylonitrile
Concen: 39.920 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

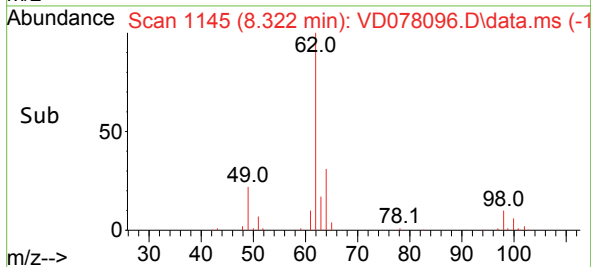
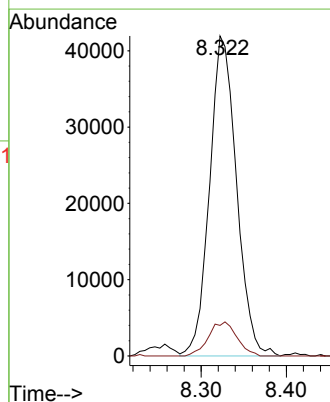
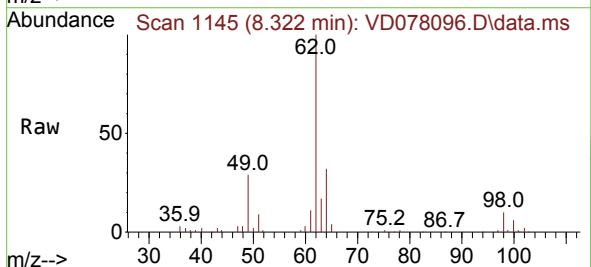
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

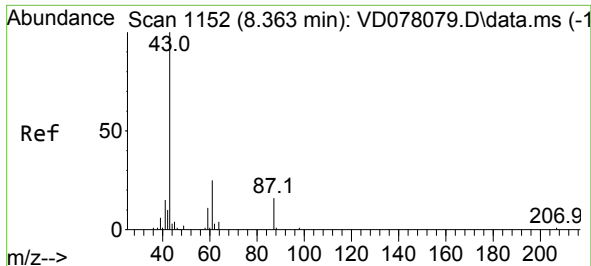
Tgt Ion: 41 Resp: 19232
Ion Ratio Lower Upper
41 100
39 70.1 34.0 51.0#
67 114.2 77.0 115.4
52 43.0 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 51.709 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 62 Resp: 92219
Ion Ratio Lower Upper
62 100
98 11.2 0.0 25.4

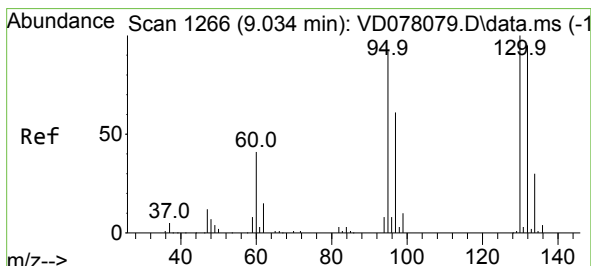
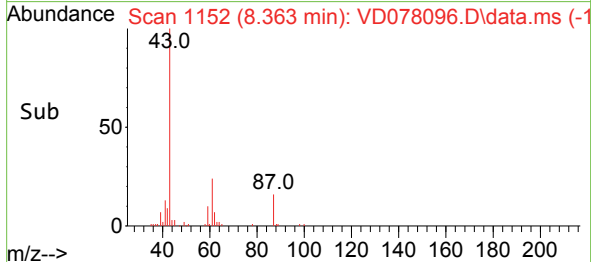
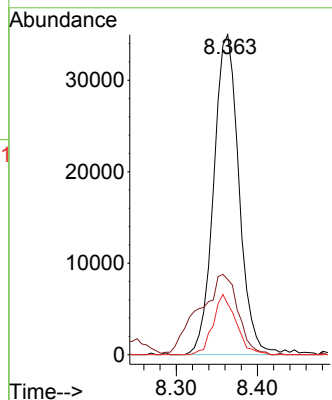
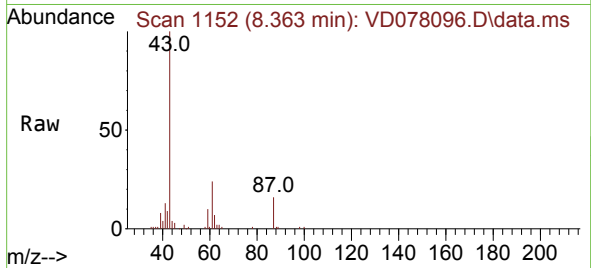




#43
Isopropyl Acetate
Concen: 49.550 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

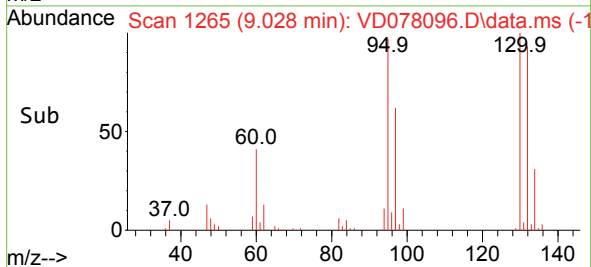
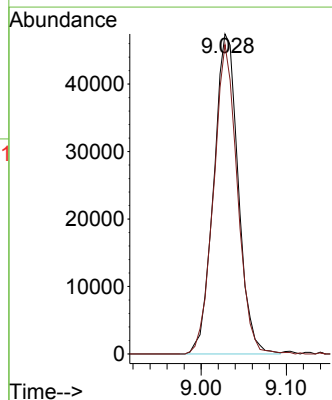
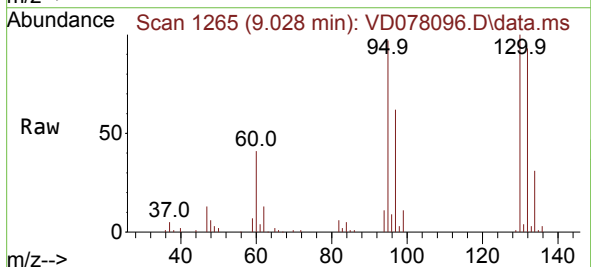
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

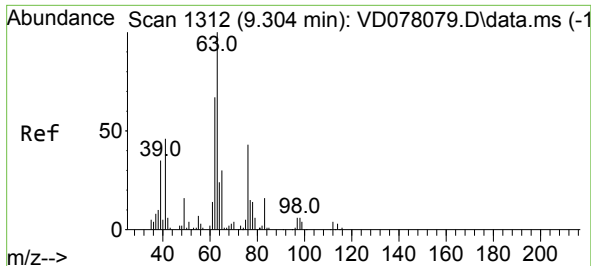
Tgt Ion: 43 Resp: 75543
Ion Ratio Lower Upper
43 100
61 38.6 31.4 47.0
87 17.1 14.9 22.3



#44
Trichloroethene
Concen: 49.885 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion:130 Resp: 94710
Ion Ratio Lower Upper
130 100
95 96.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.440 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

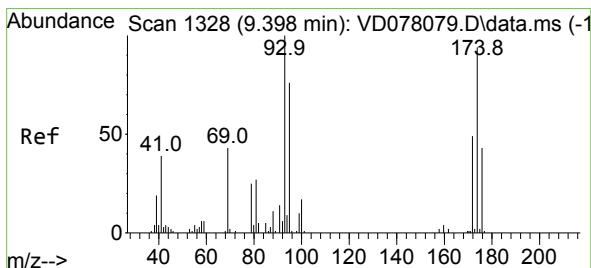
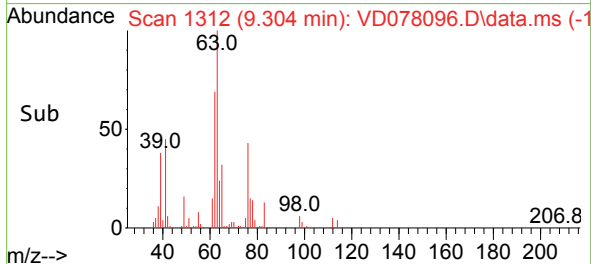
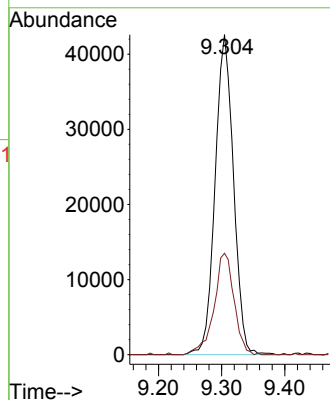
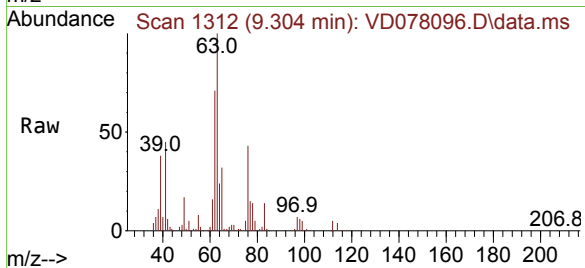
VSTDCCC050EC

Tgt Ion: 63 Resp: 86019

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 52.902 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

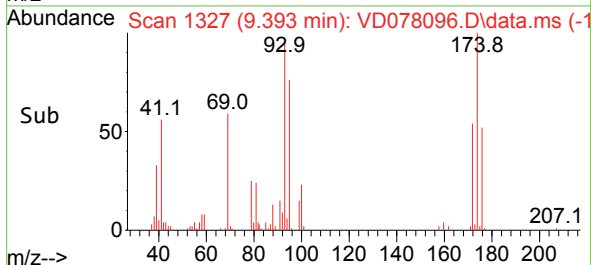
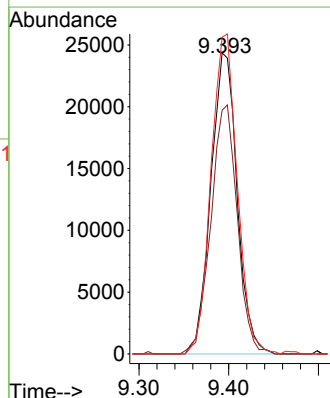
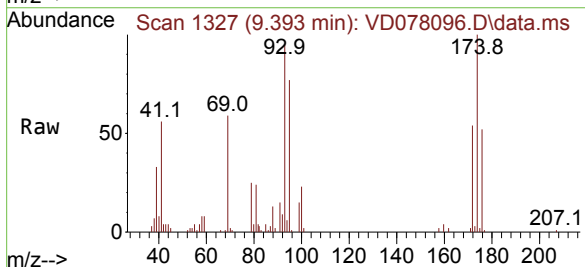
Tgt Ion: 93 Resp: 49547

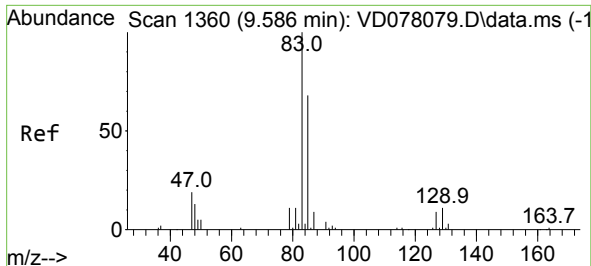
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

174 105.9 85.4 128.2





#47

Bromodichloromethane

Concen: 52.469 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

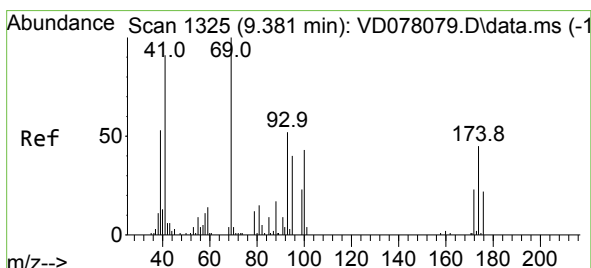
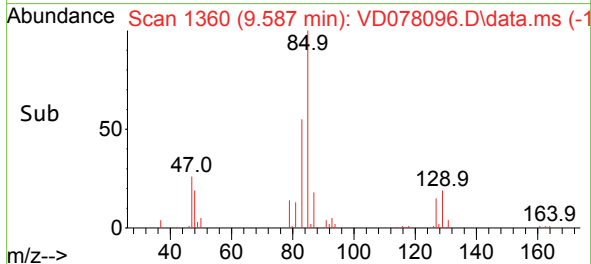
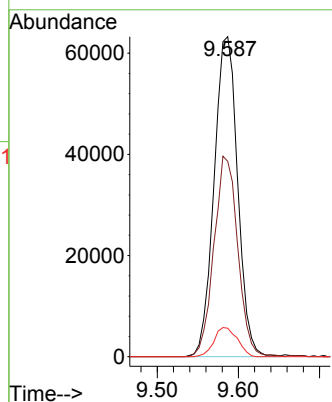
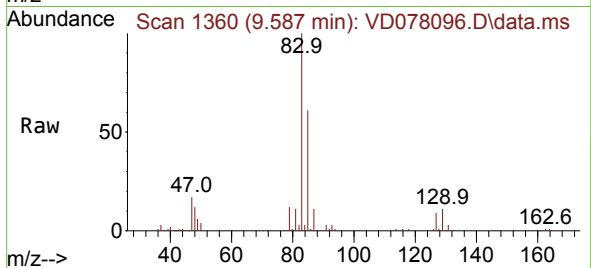
Tgt Ion: 83 Resp: 127649

Ion Ratio Lower Upper

83 100

85 61.1 50.2 75.4

127 8.9 6.3 9.5



#48

Methyl methacrylate

Concen: 49.195 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

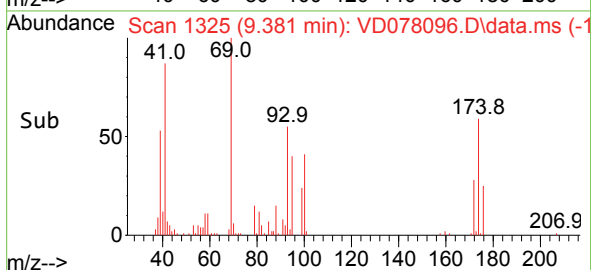
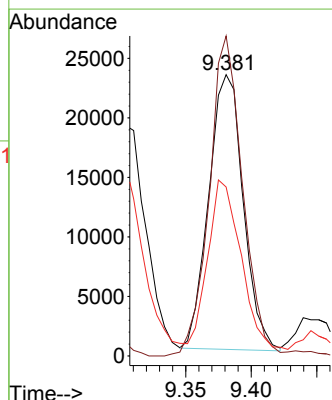
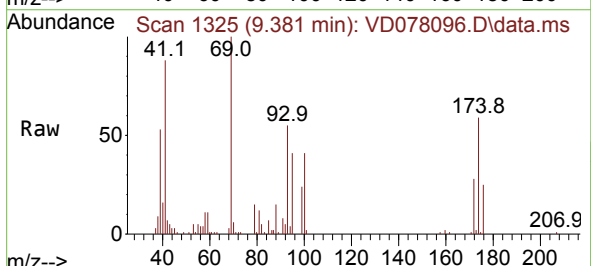
Tgt Ion: 41 Resp: 42269

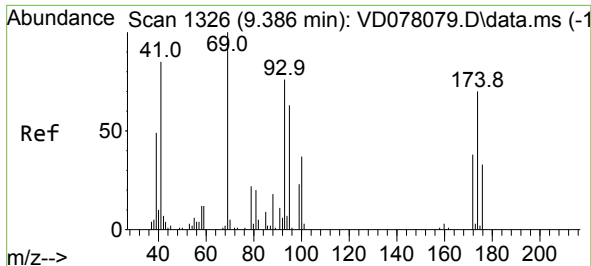
Ion Ratio Lower Upper

41 100

69 112.3 102.2 153.2

39 64.5 41.4 62.2#





#49

1,4-Dioxane

Concen: 1044.183 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

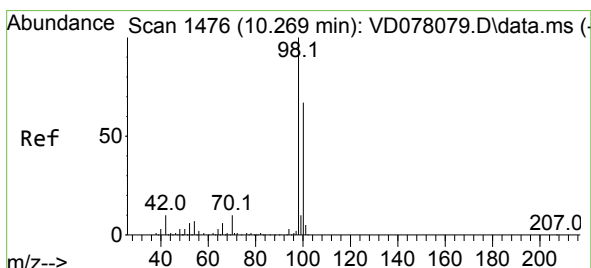
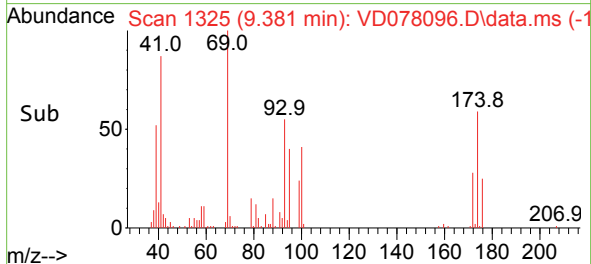
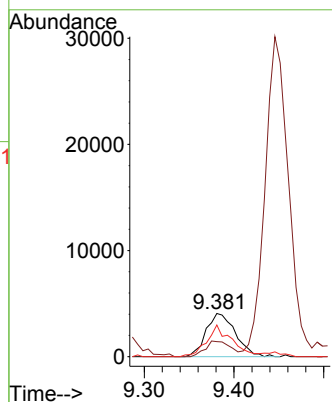
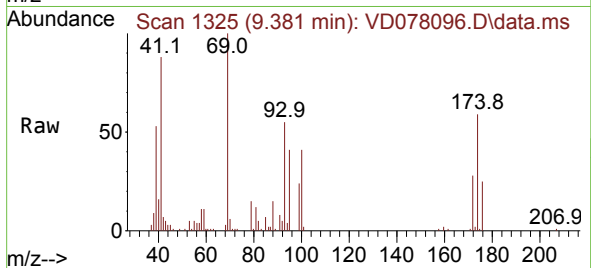
Tgt Ion: 88 Resp: 9245

Ion Ratio Lower Upper

88 100

43 30.9 19.0 28.6#

58 62.5 43.5 65.3



#50

Toluene-d8

Concen: 50.952 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078096.D

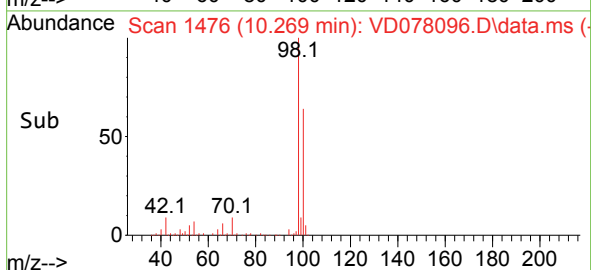
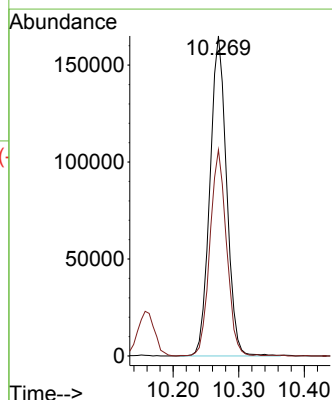
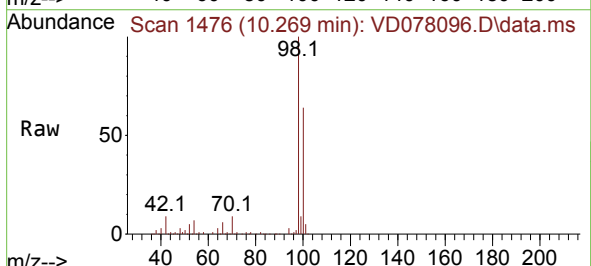
Acq: 28 Dec 2023 16:52

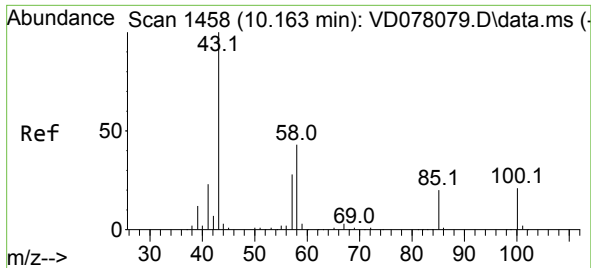
Tgt Ion: 98 Resp: 291747

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

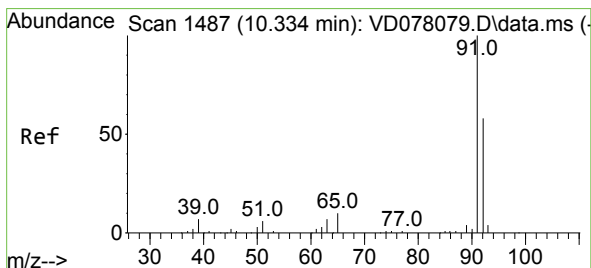
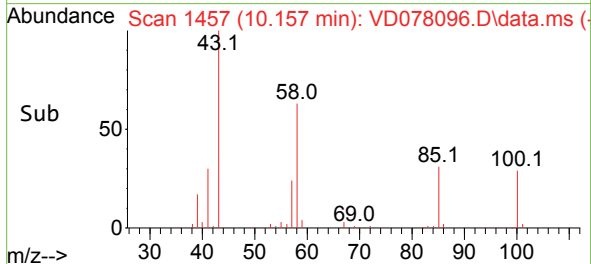
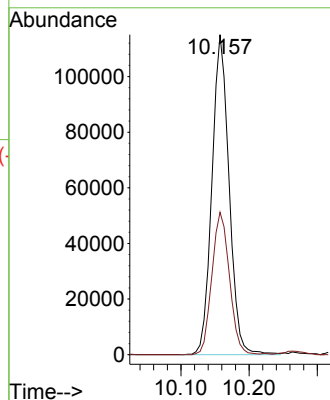
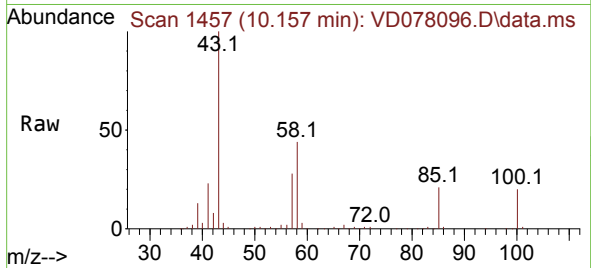




#51
4-Methyl-2-Pentanone
Concen: 257.788 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

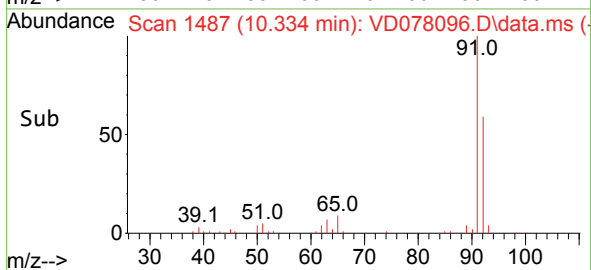
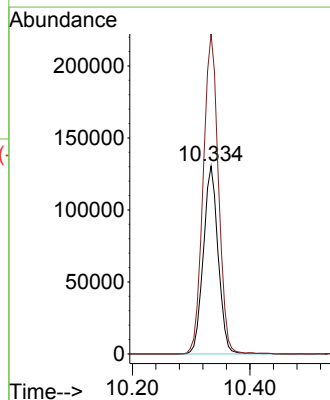
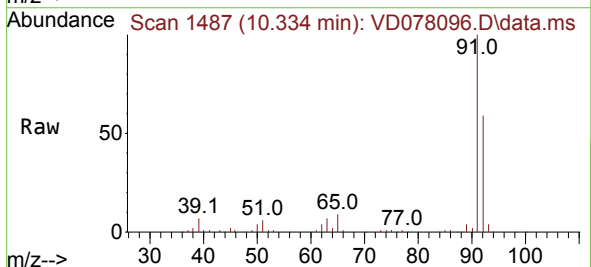
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

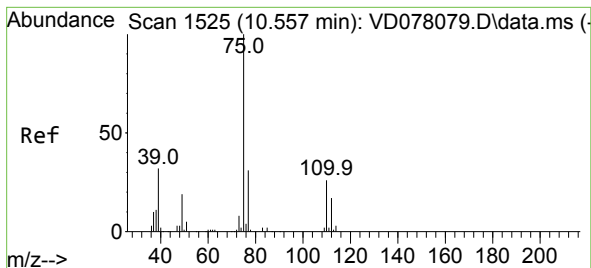
Tgt Ion: 43 Resp: 201665
Ion Ratio Lower Upper
43 100
58 45.5 38.9 58.3



#52
Toluene
Concen: 53.264 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 92 Resp: 227980
Ion Ratio Lower Upper
92 100
91 175.6 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 52.401 ug/l

RT: 10.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

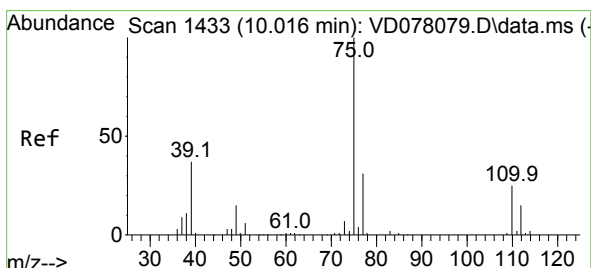
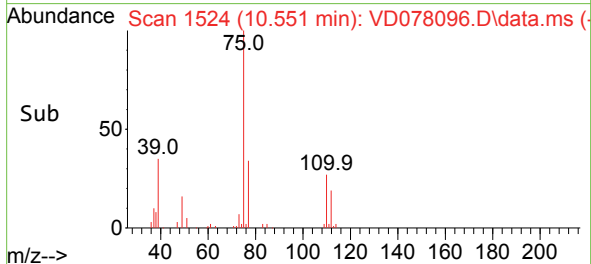
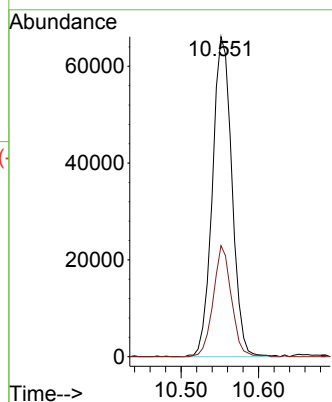
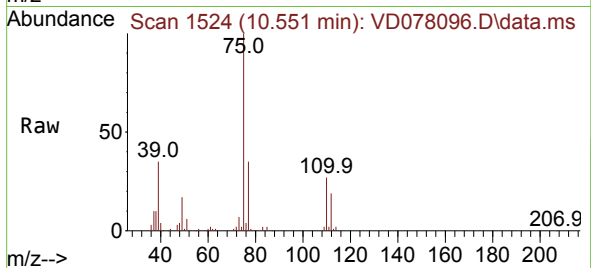
VSTDCCC050EC

Tgt Ion: 75 Resp: 115665

Ion Ratio Lower Upper

75 100

77 34.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.767 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

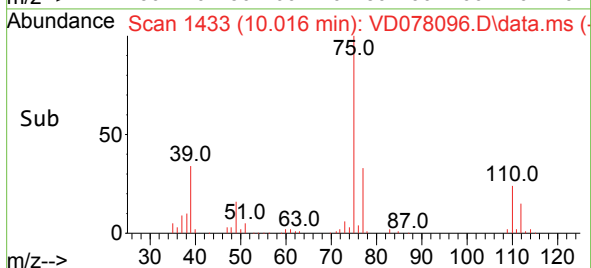
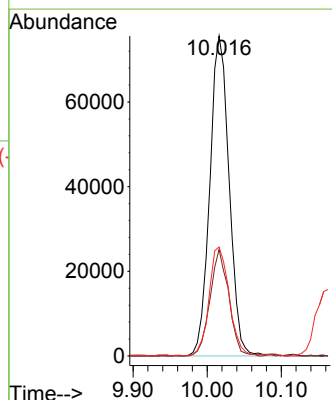
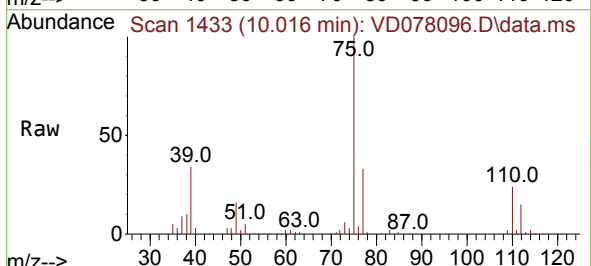
Tgt Ion: 75 Resp: 137219

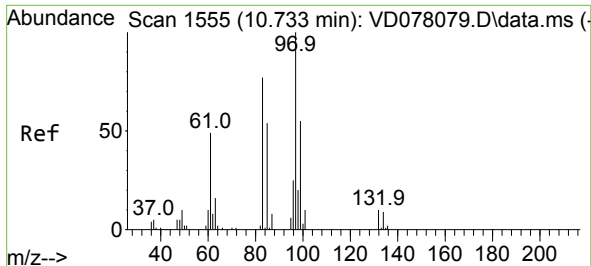
Ion Ratio Lower Upper

75 100

77 33.2 25.5 38.3

39 33.8 22.1 33.1#

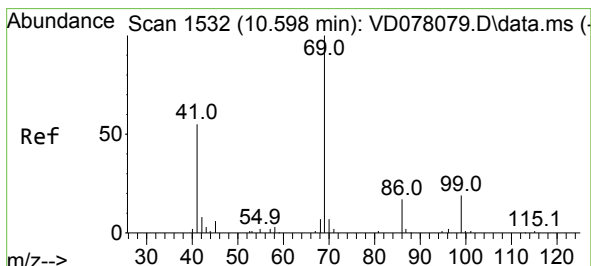
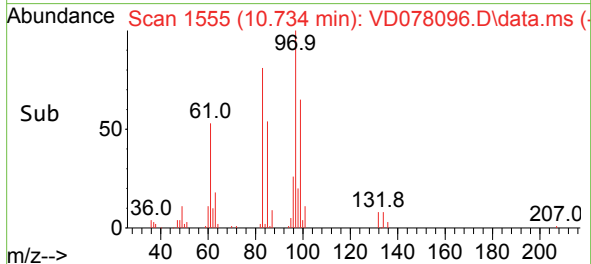
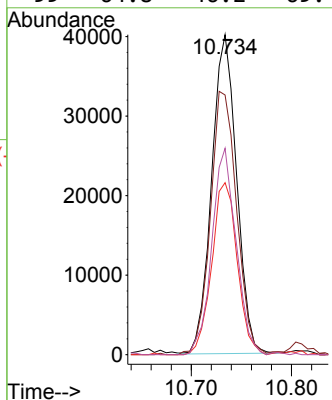
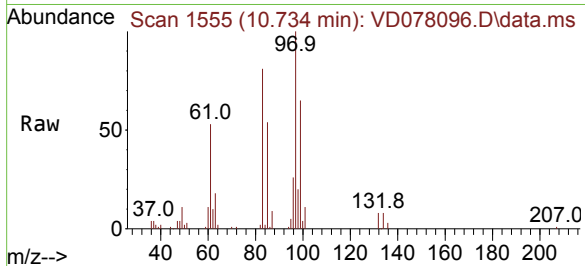




#55
1,1,2-Trichloroethane
Concen: 52.499 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

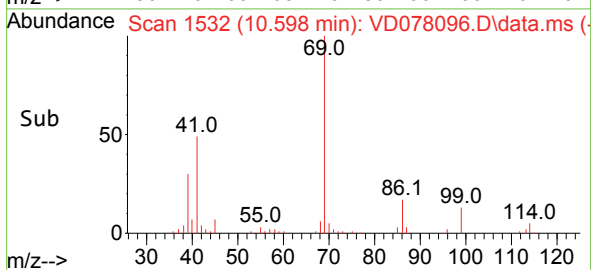
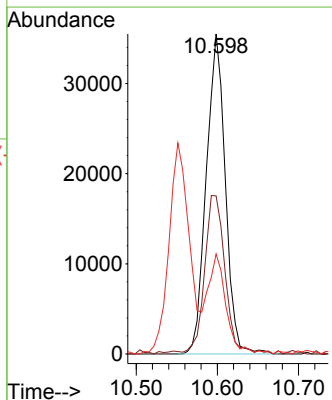
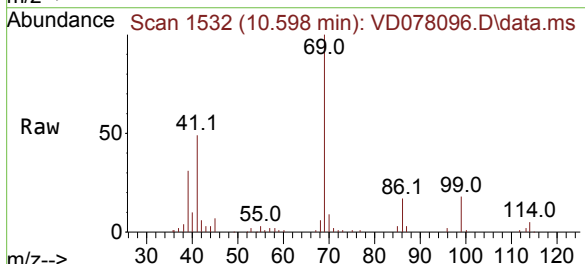
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

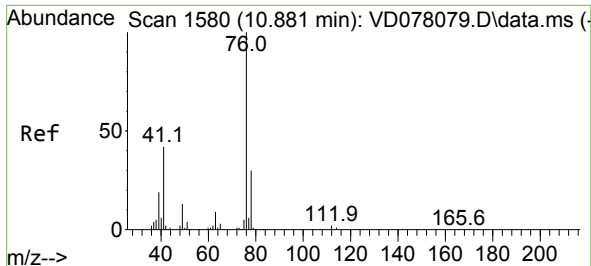
Tgt Ion:	97	Resp:	69192
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.8	98.6
85	54.0	45.7	68.5
99	64.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 55.329 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion:	69	Resp:	57870
Ion	Ratio	Lower	Upper
69	100		
41	53.9	39.1	58.7
39	29.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 52.859 ug/l

RT: 10.875 min Scan# 114464

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

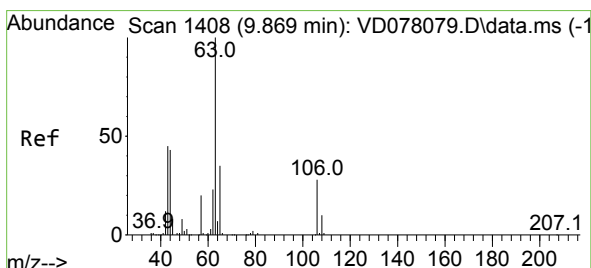
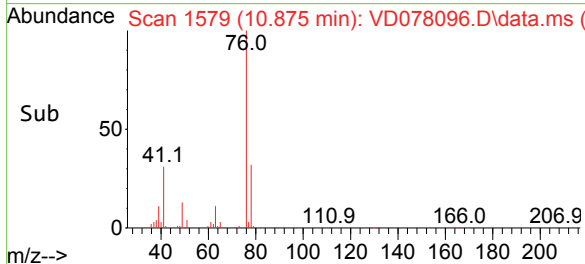
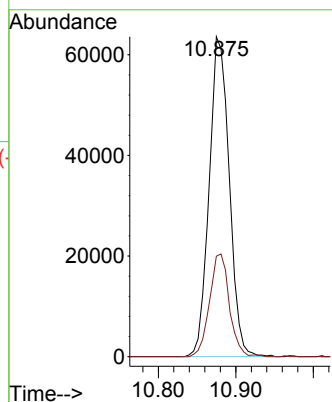
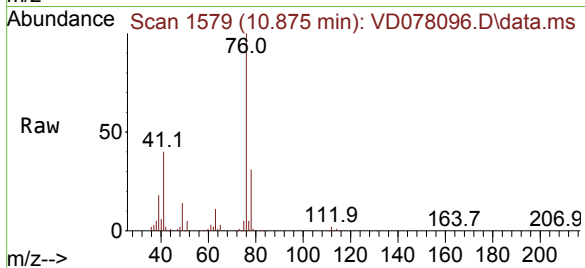
VSTDCCC050EC

Tgt Ion: 76 Resp: 114464

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 298.207 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078096.D

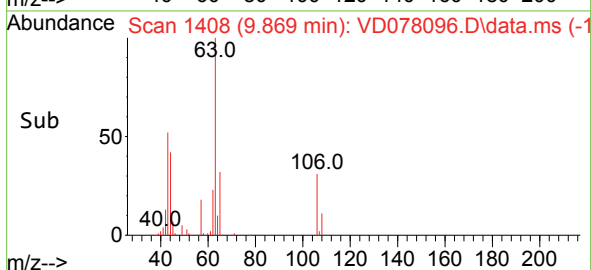
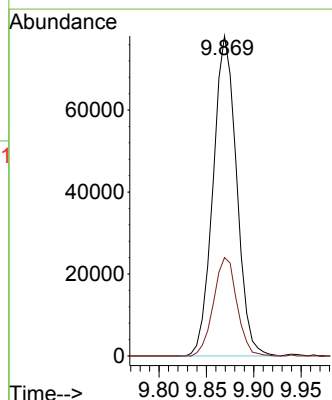
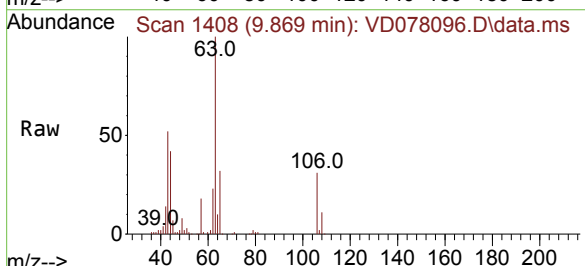
Acq: 28 Dec 2023 16:52

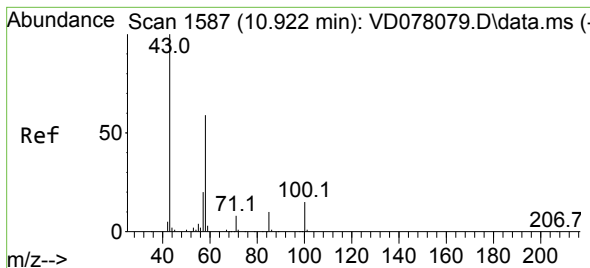
Tgt Ion: 63 Resp: 135039

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

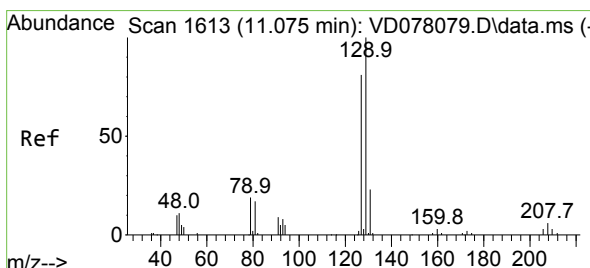
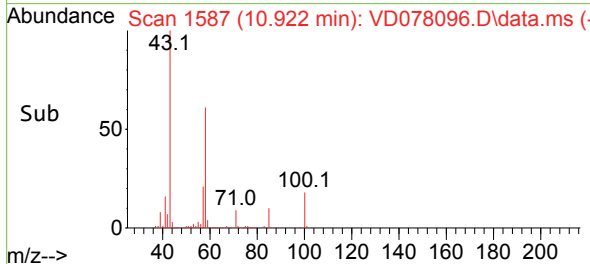
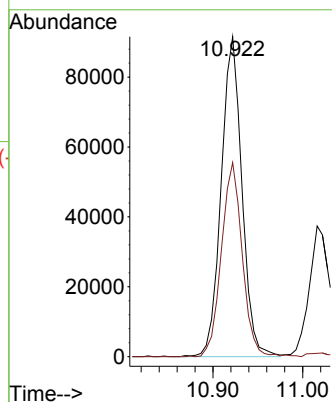
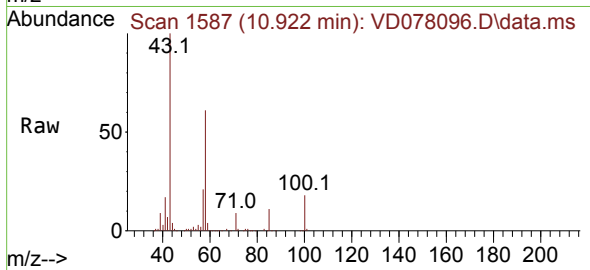




#59
2-Hexanone
Concen: 241.803 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

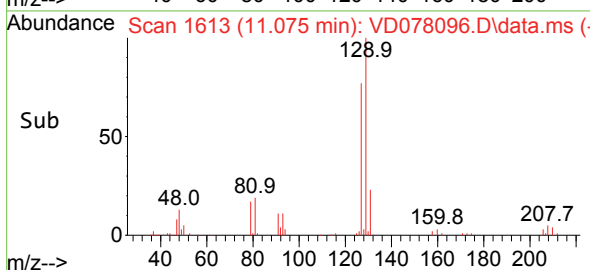
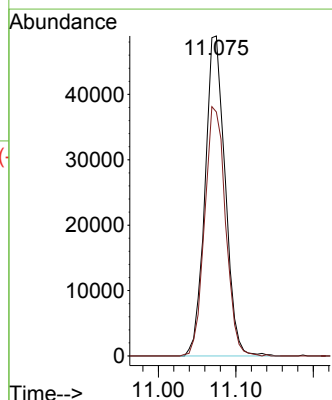
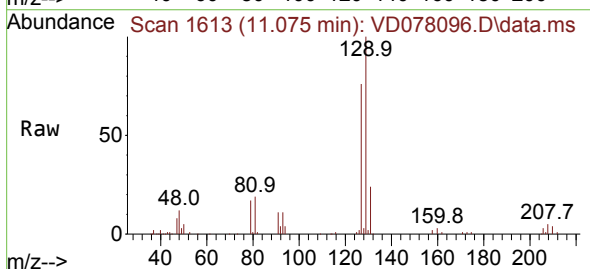
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

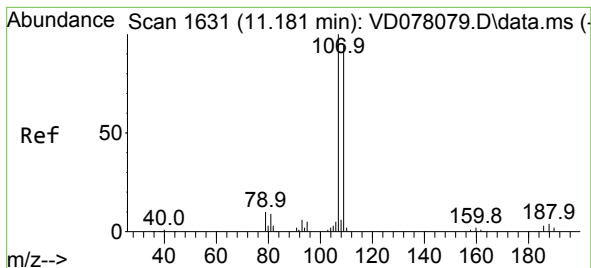
Tgt Ion: 43 Resp: 146933
Ion Ratio Lower Upper
43 100
58 60.9 34.1 102.2



#60
Dibromochloromethane
Concen: 52.549 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 129 Resp: 88231
Ion Ratio Lower Upper
129 100
127 80.9 37.1 111.5

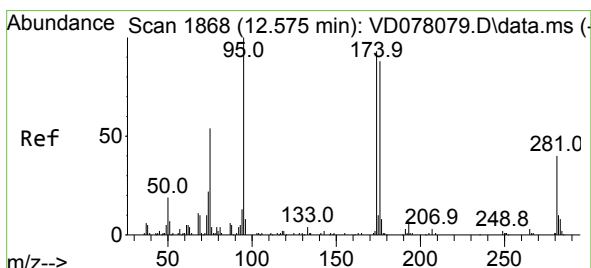
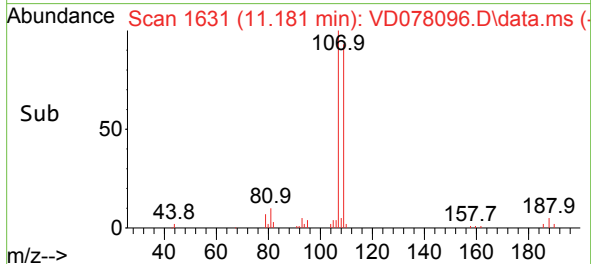
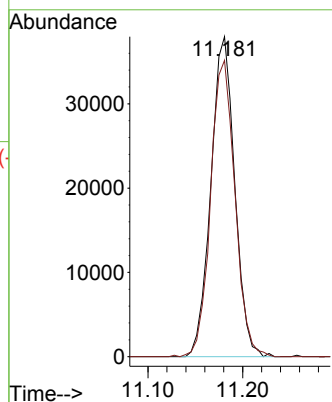
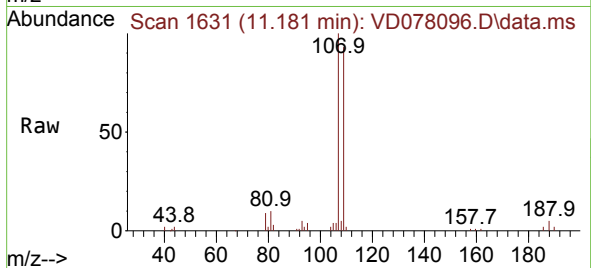




#61
1,2-Dibromoethane
Concen: 52.628 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

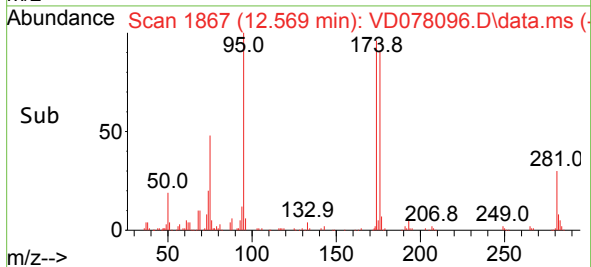
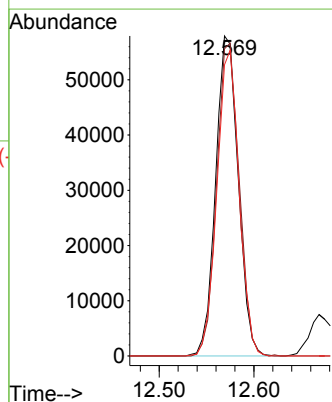
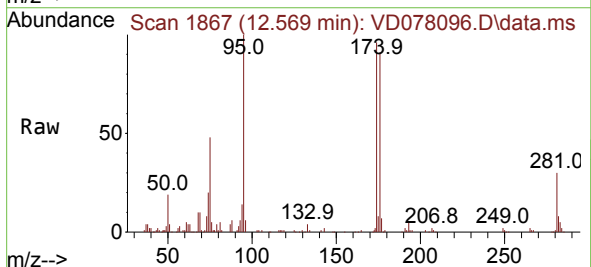
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

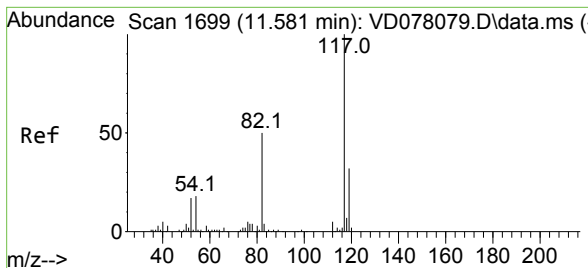
Tgt Ion:107 Resp: 66499
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.103 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 95 Resp: 95992
Ion Ratio Lower Upper
95 100
174 97.6 0.0 201.8
176 93.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

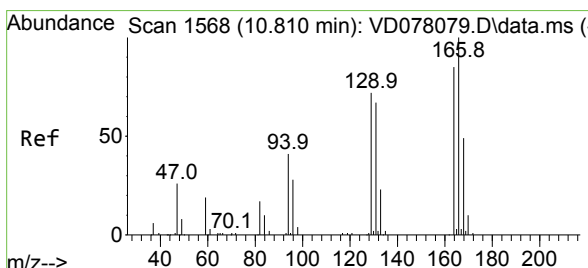
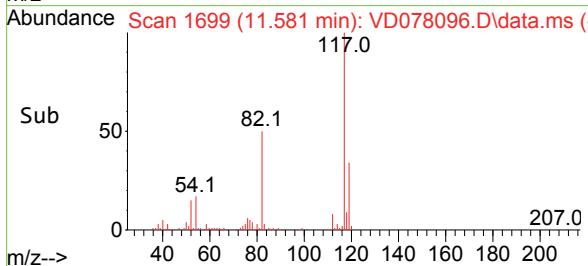
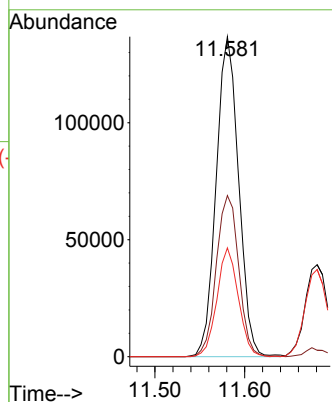
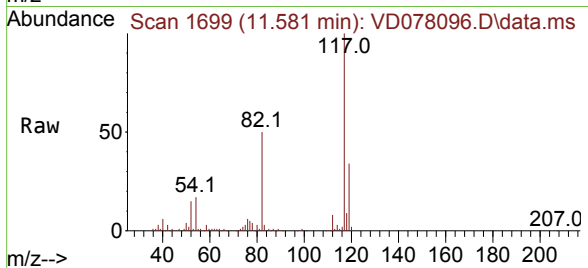
Tgt Ion:117 Resp: 237869

Ion Ratio Lower Upper

117 100

82 50.3 38.3 57.5

119 34.0 25.0 37.4



#64

Tetrachloroethene

Concen: 49.208 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Tgt Ion:164 Resp: 79093

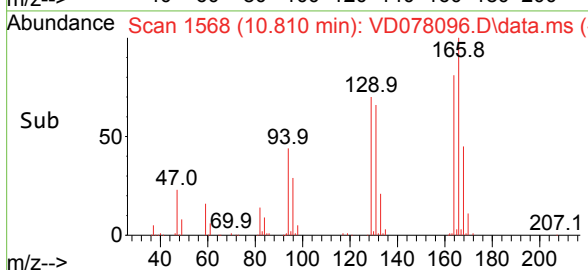
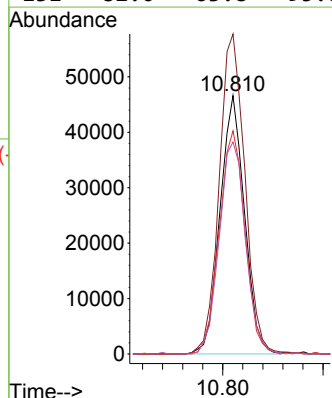
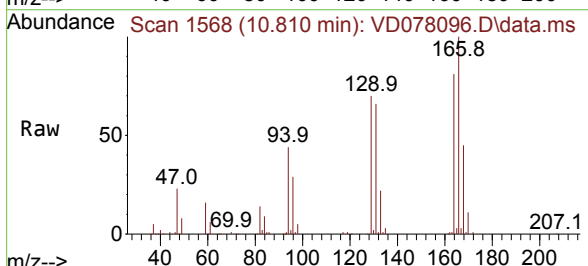
Ion Ratio Lower Upper

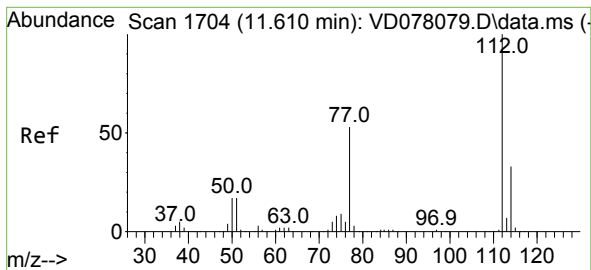
164 100

166 123.8 99.2 148.8

129 86.3 68.4 102.6

131 82.0 63.8 95.8

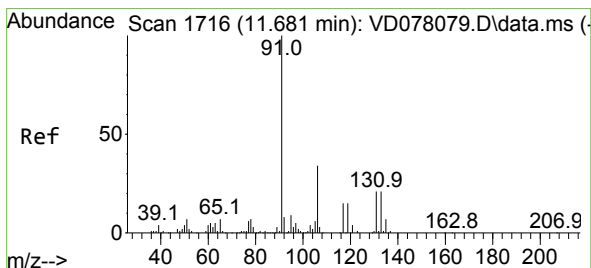
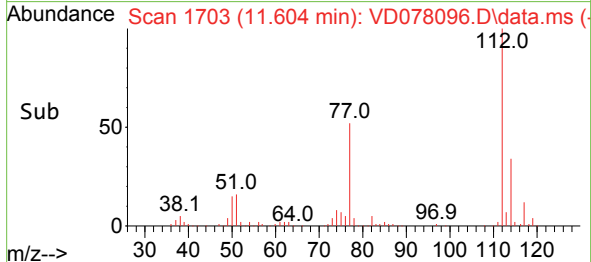
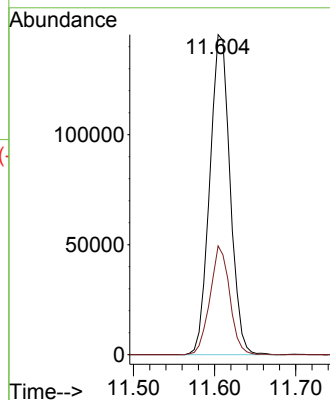
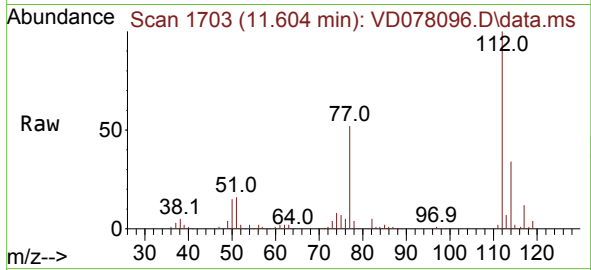




#65
Chlorobenzene
Concen: 50.090 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

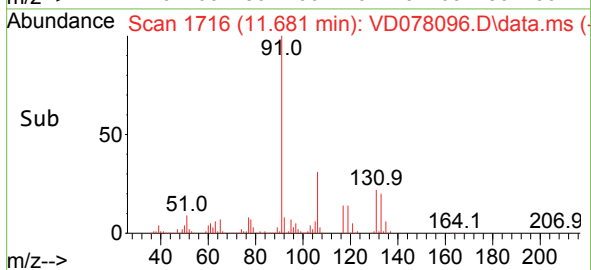
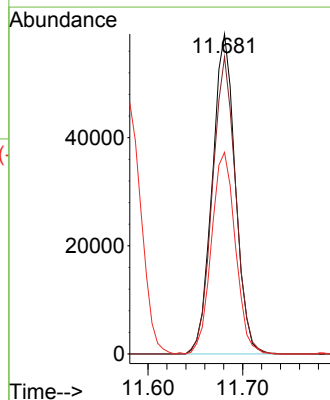
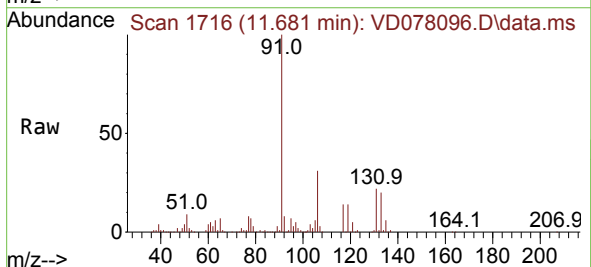
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

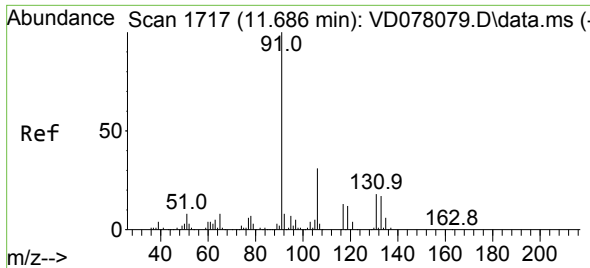
Tgt Ion:112 Resp: 253126
Ion Ratio Lower Upper
112 100
114 34.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.207 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion:131 Resp: 99855
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 65.5 35.6 106.9

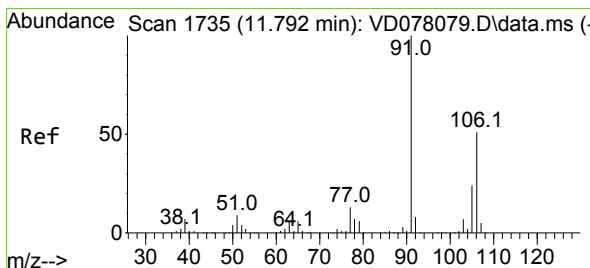
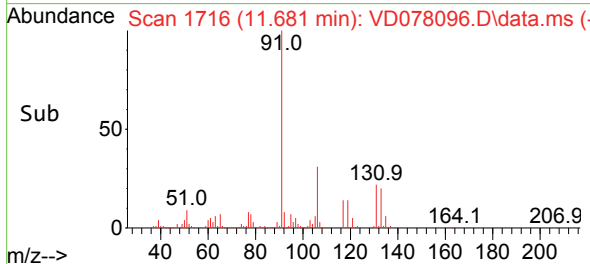
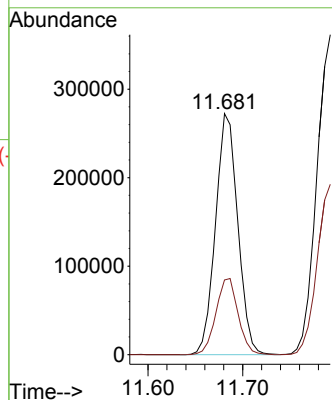
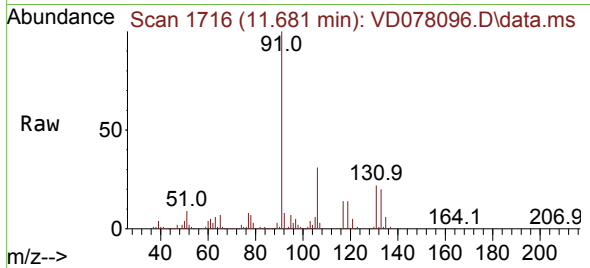




#67
Ethyl Benzene
Concen: 50.569 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

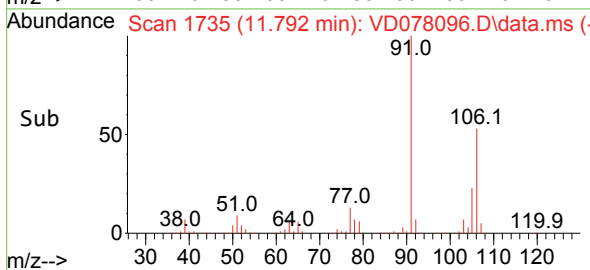
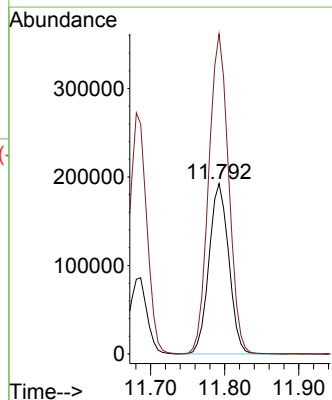
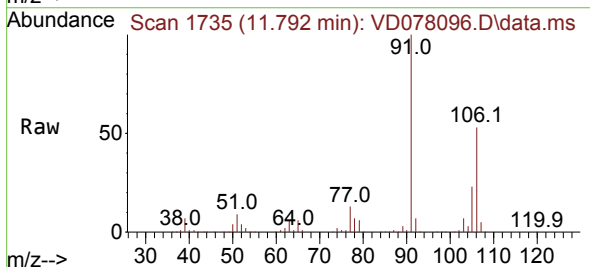
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

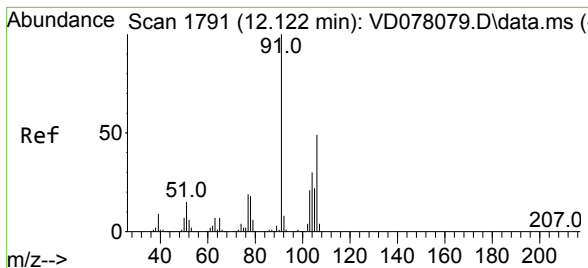
Tgt Ion: 91 Resp: 445510
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7



#68
m/p-Xylenes
Concen: 104.077 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 106 Resp: 356848
Ion Ratio Lower Upper
106 100
91 189.6 147.0 220.6

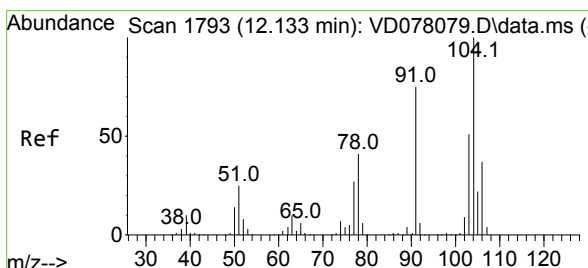
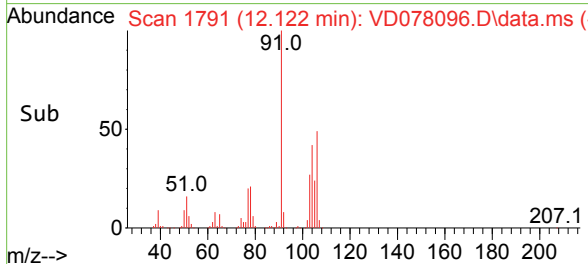
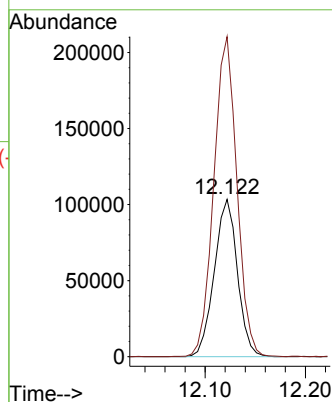
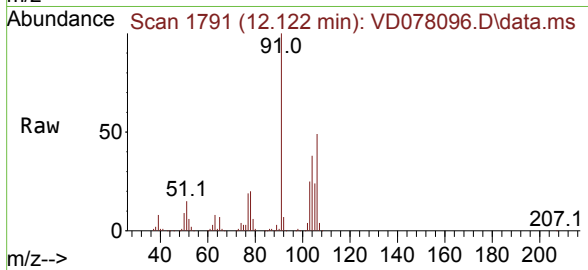




#69
o-Xylene
Concen: 51.731 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

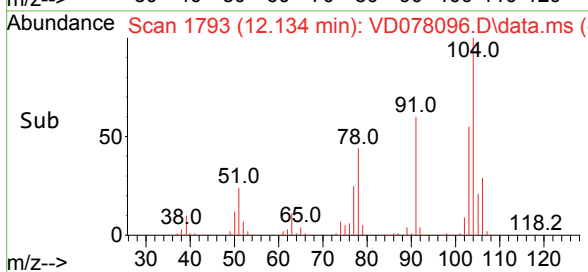
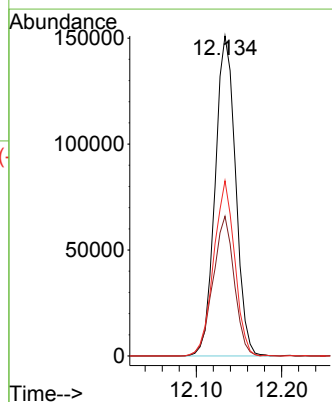
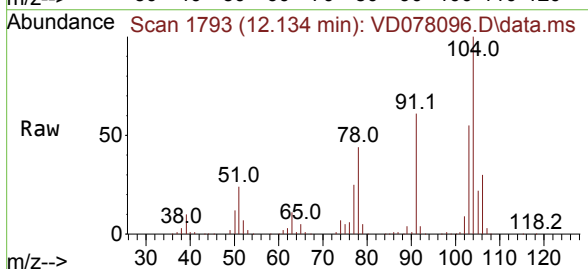
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

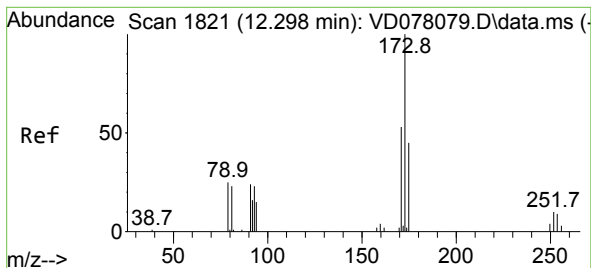
Tgt Ion:106 Resp: 165313
Ion Ratio Lower Upper
106 100
91 203.3 97.9 293.6



#70
Styrene
Concen: 53.302 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion:104 Resp: 251489
Ion Ratio Lower Upper
104 100
78 45.3 33.2 49.8
103 56.4 43.6 65.4





#71

Bromoform

Concen: 51.954 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

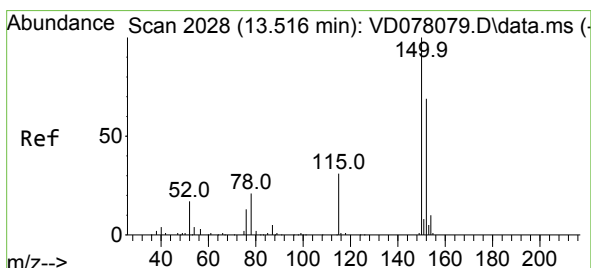
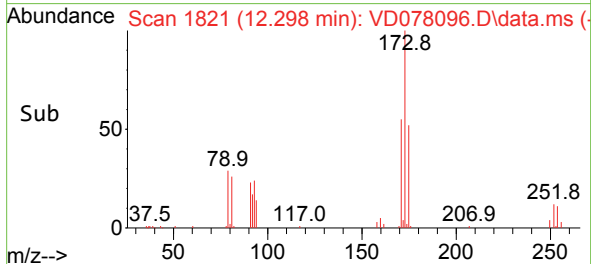
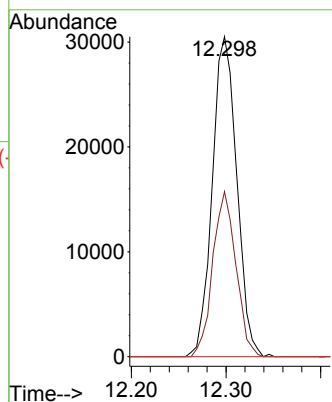
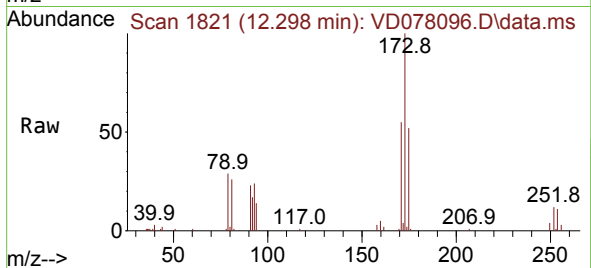
Tgt Ion:173 Resp: 54823

Ion Ratio Lower Upper

173 100

175 48.9 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: VD078096.D

Acq: 28 Dec 2023 16:52

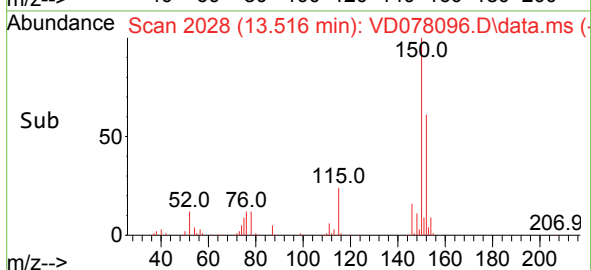
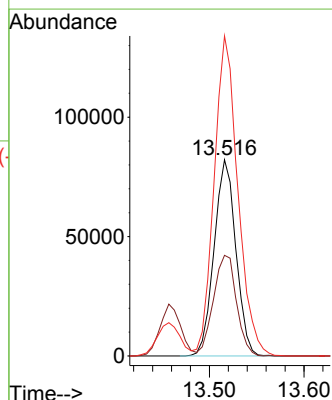
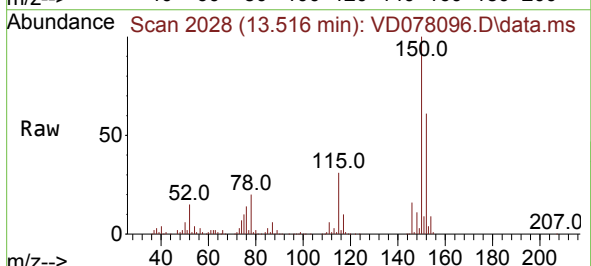
Tgt Ion:152 Resp: 131369

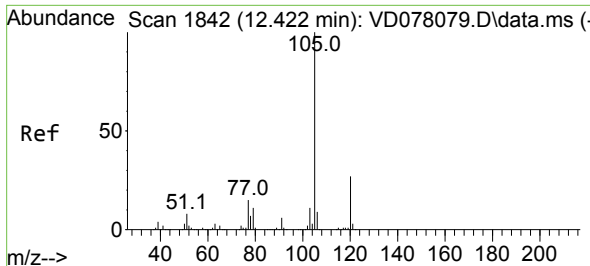
Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.3

150 177.8 0.0 353.6

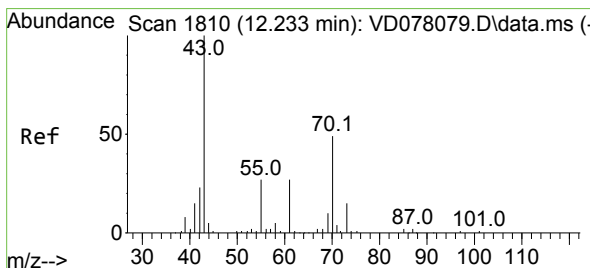
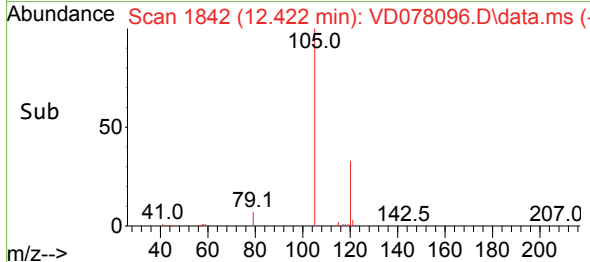
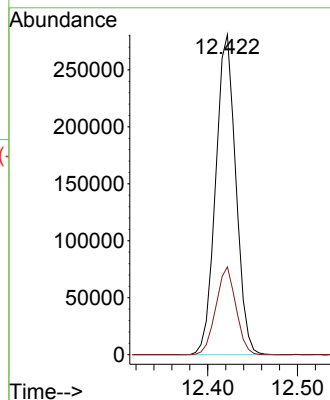
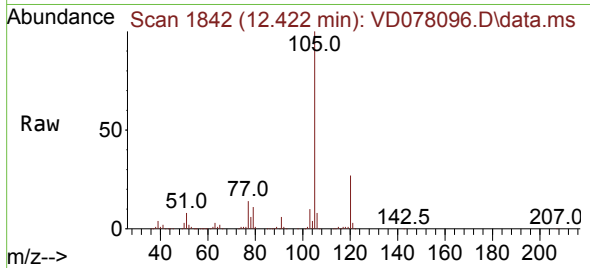




#73
Isopropylbenzene
Concen: 48.431 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

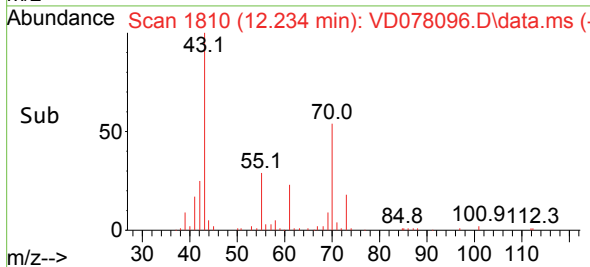
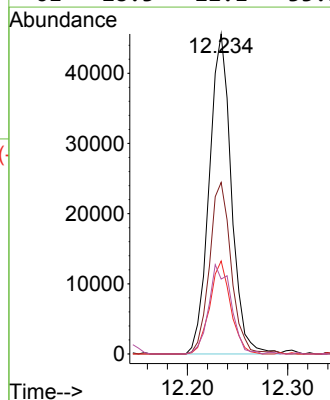
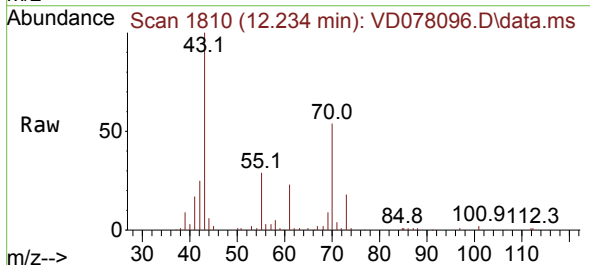
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

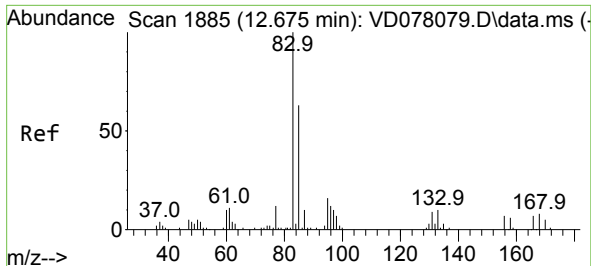
Tgt Ion:105 Resp: 438209
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 46.542 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 43 Resp: 69910
Ion Ratio Lower Upper
43 100
70 52.8 45.0 67.4
55 27.4 23.8 35.6
61 28.3 22.1 33.1

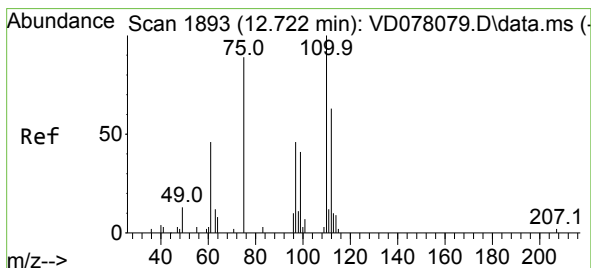
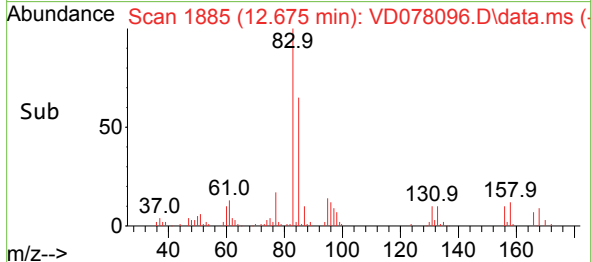
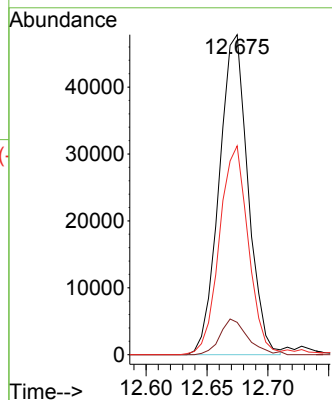
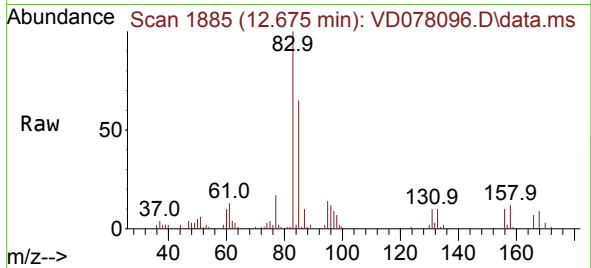




#75
1,1,2,2-Tetrachloroethane
Concen: 48.027 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

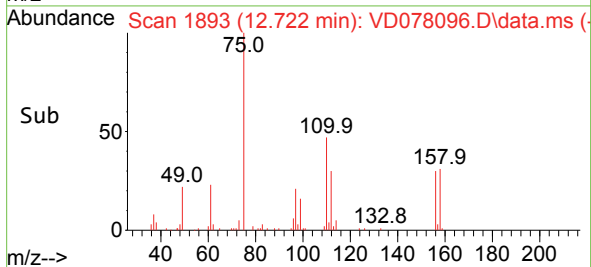
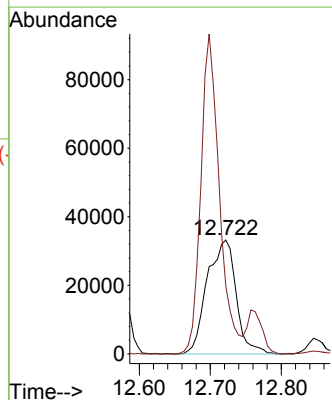
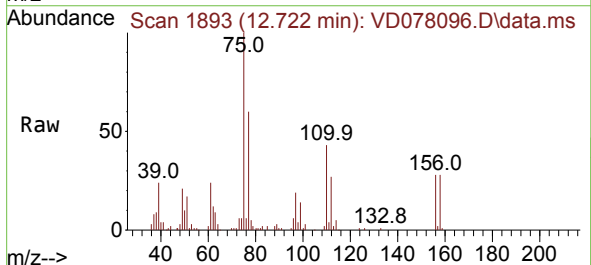
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

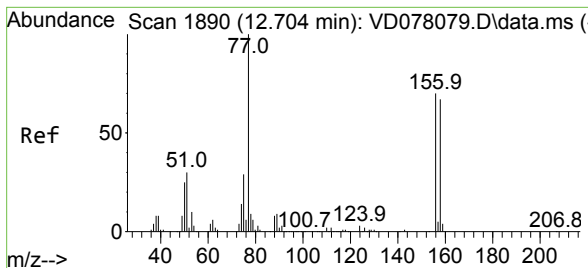
Tgt Ion: 83 Resp: 78979
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 65.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 84.863 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 75 Resp: 94055
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.047 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

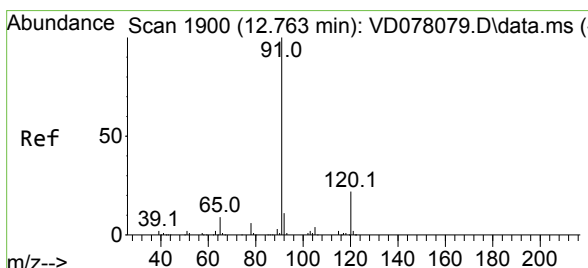
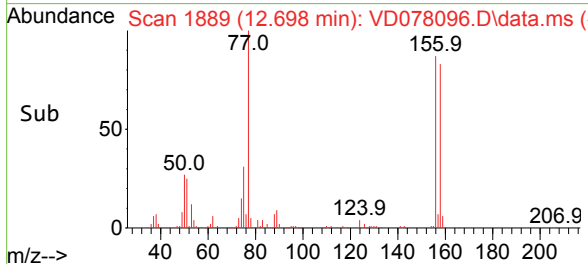
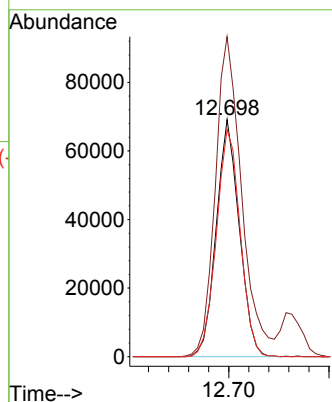
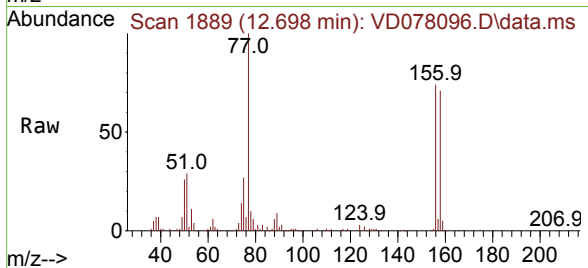
Tgt Ion:156 Resp: 110160

Ion Ratio Lower Upper

156 100

77 154.7 76.8 230.4

158 99.3 48.6 145.9



#78

n-propylbenzene

Concen: 47.922 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078096.D

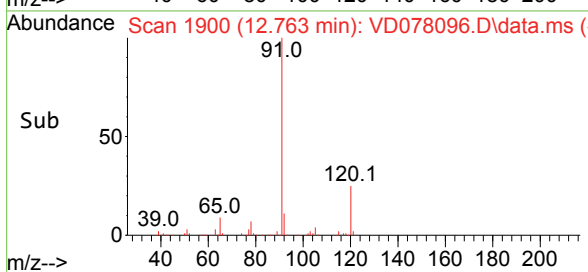
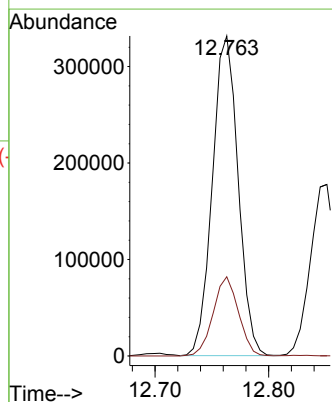
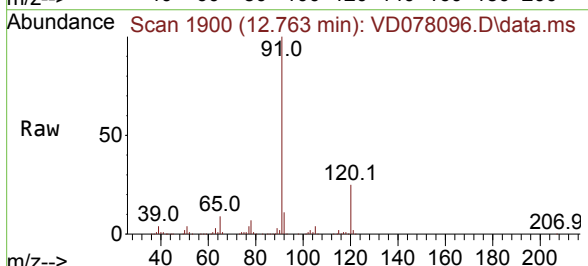
Acq: 28 Dec 2023 16:52

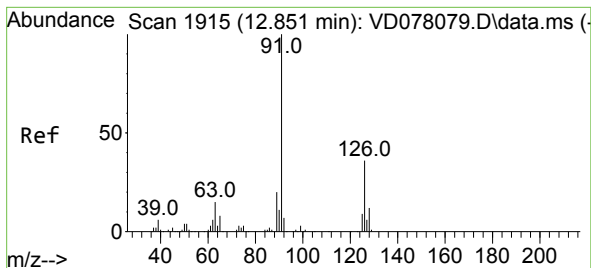
Tgt Ion: 91 Resp: 521934

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 49.108 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

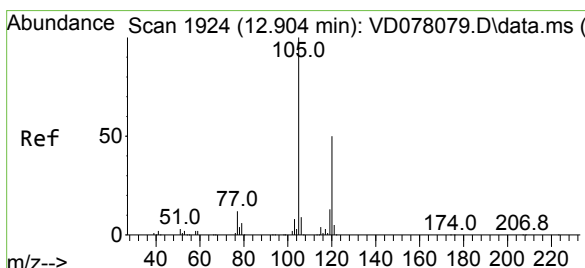
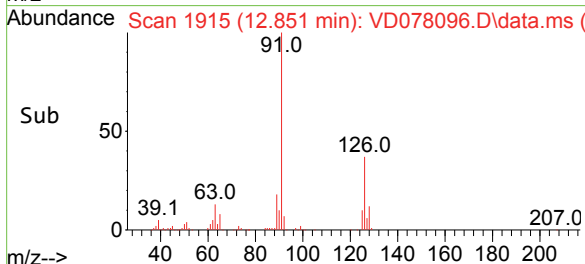
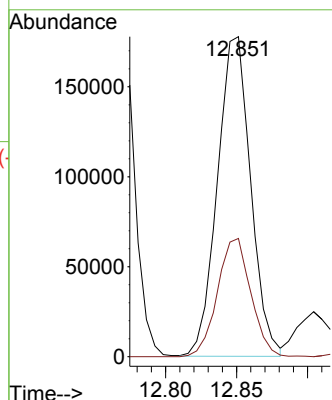
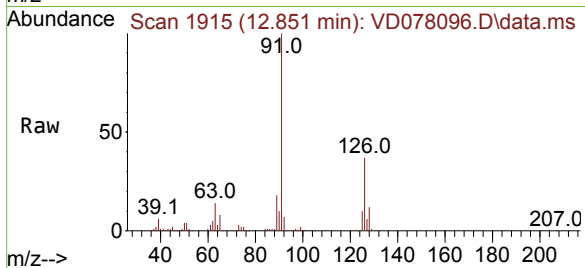
VSTDCCC050EC

Tgt Ion: 91 Resp: 289292

Ion Ratio Lower Upper

91 100

126 37.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 49.315 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078096.D

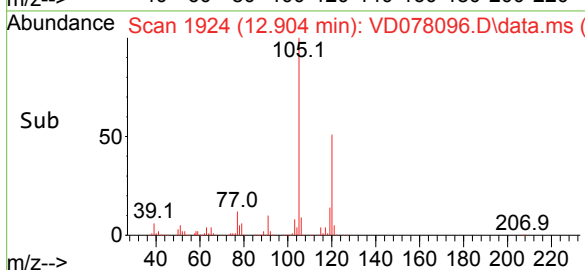
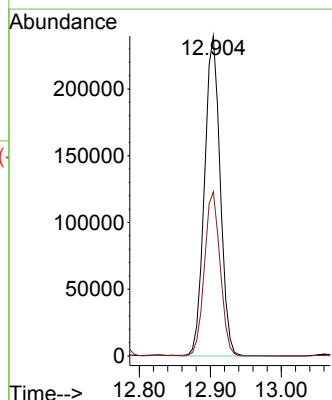
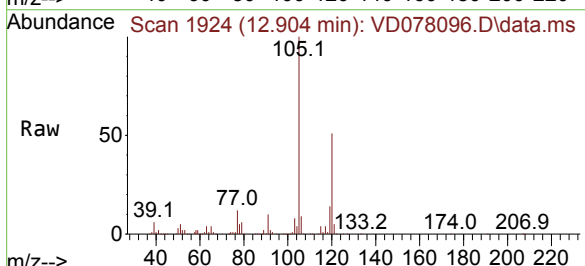
Acq: 28 Dec 2023 16:52

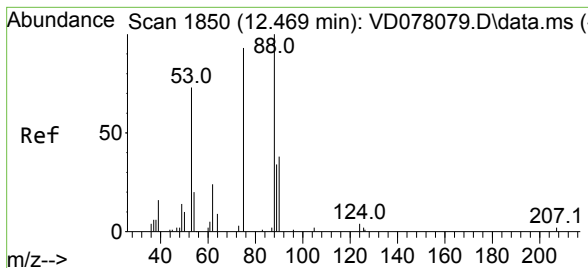
Tgt Ion: 105 Resp: 369065

Ion Ratio Lower Upper

105 100

120 51.4 26.4 79.2

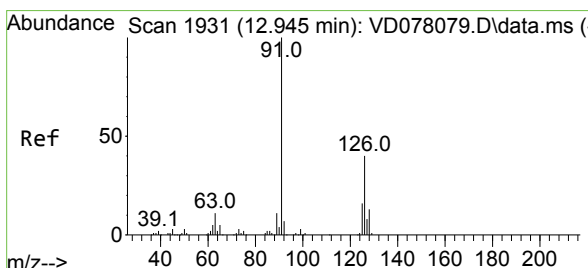
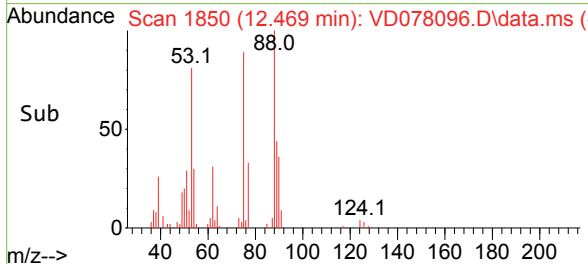
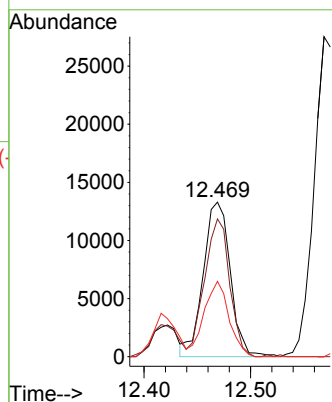
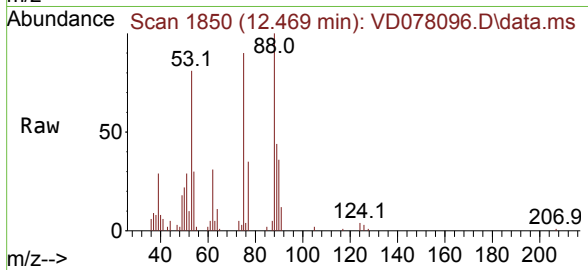




#81
trans-1,4-Dichloro-2-butene
Concen: 45.749 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

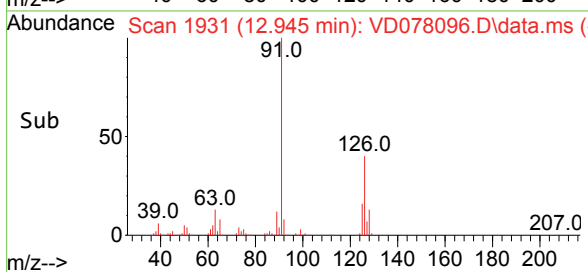
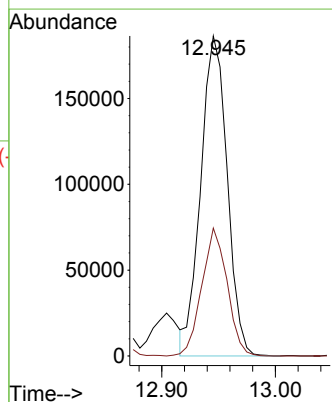
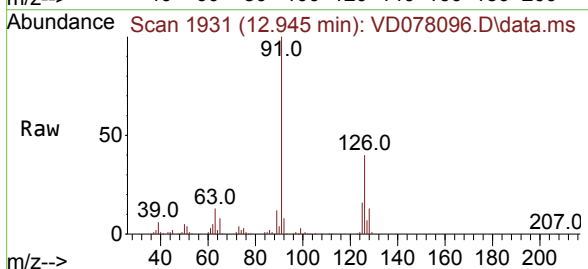
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

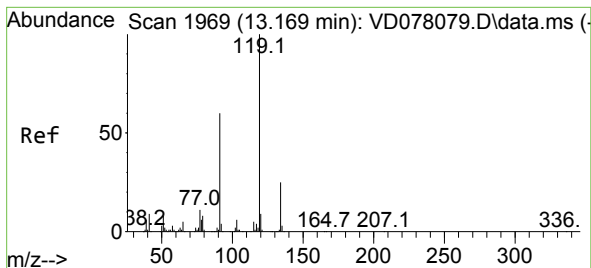
Tgt Ion: 75 Resp: 23531
Ion Ratio Lower Upper
75 100
53 82.4 63.0 94.4
89 45.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.725 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 91 Resp: 301424
Ion Ratio Lower Upper
91 100
126 38.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 49.220 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

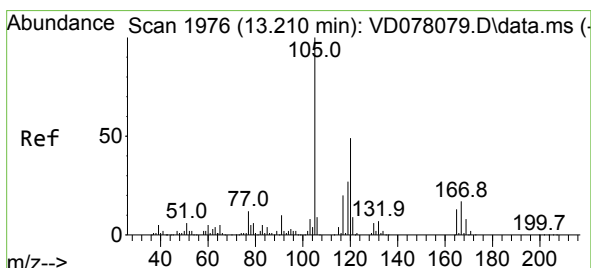
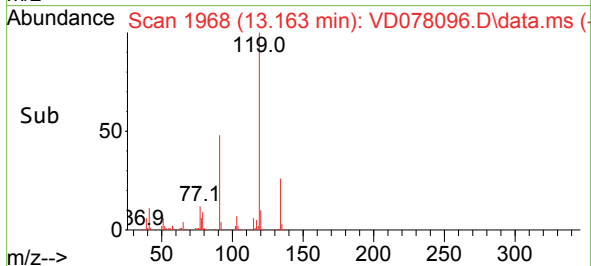
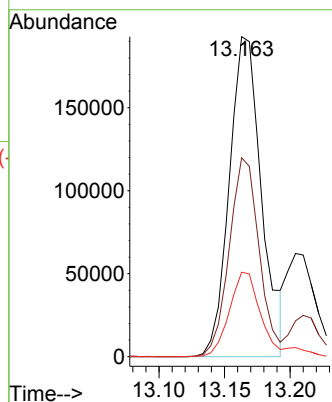
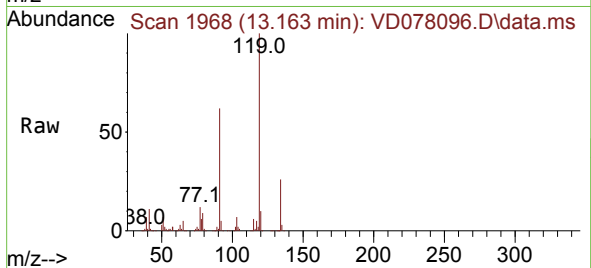
Tgt Ion:119 Resp: 329964

Ion Ratio Lower Upper

119 100

91 57.8 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 49.824 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078096.D

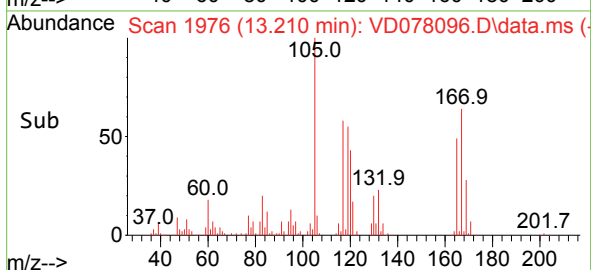
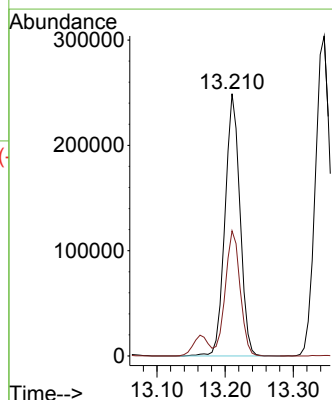
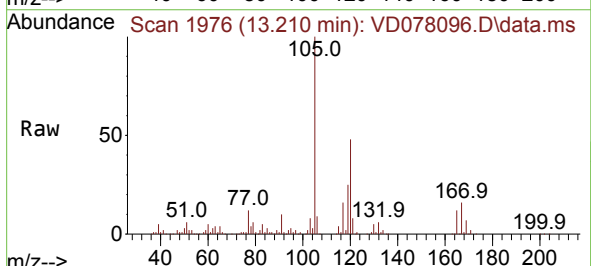
Acq: 28 Dec 2023 16:52

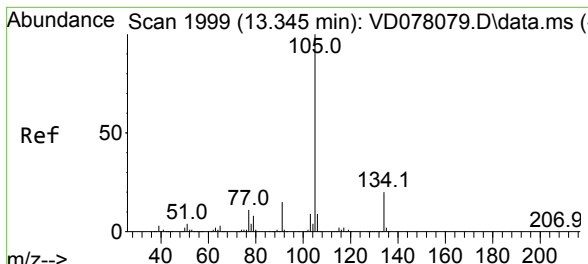
Tgt Ion:105 Resp: 379796

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.9

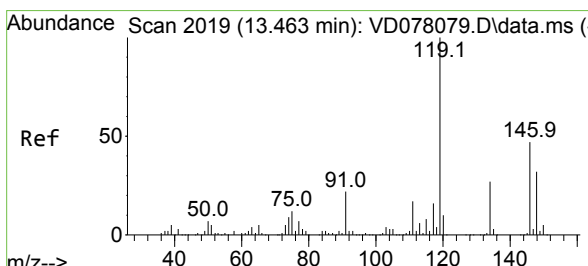
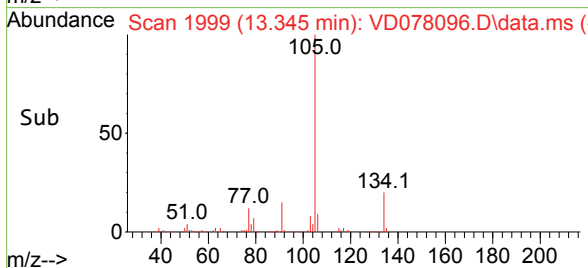
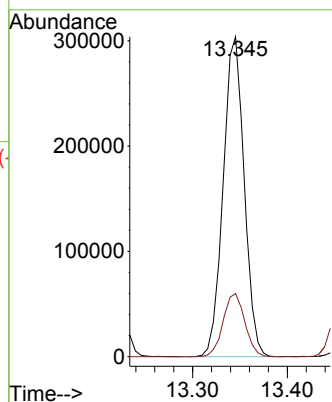
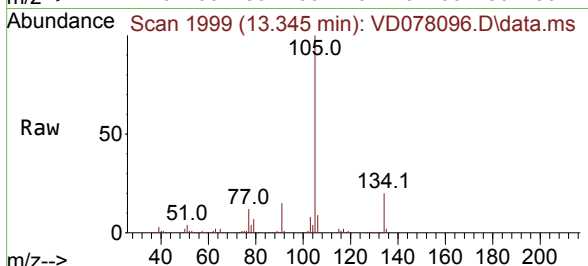




#85
 sec-Butylbenzene
 Concen: 48.865 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078096.D
 Acq: 28 Dec 2023 16:52

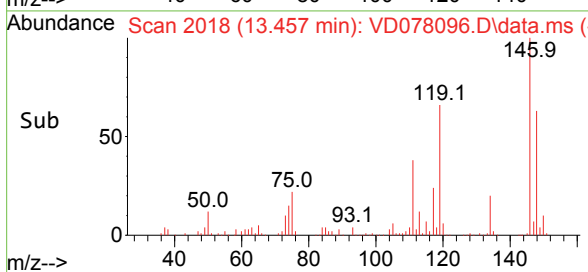
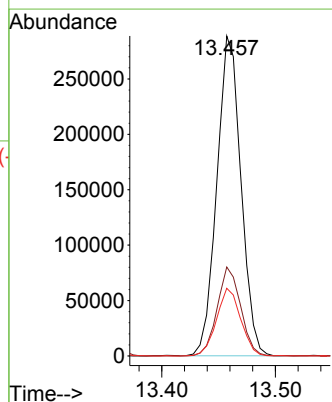
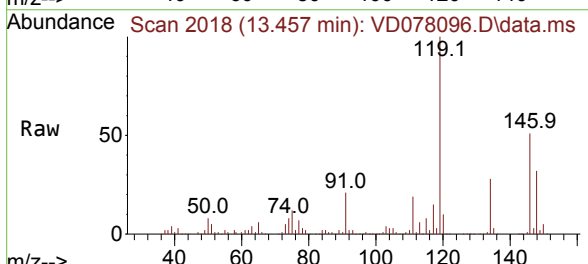
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

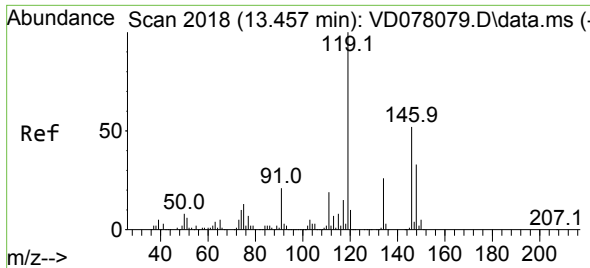
Tgt Ion:105 Resp: 467692
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 49.670 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078096.D
 Acq: 28 Dec 2023 16:52

Tgt Ion:119 Resp: 425445
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 21.3 10.5 31.5

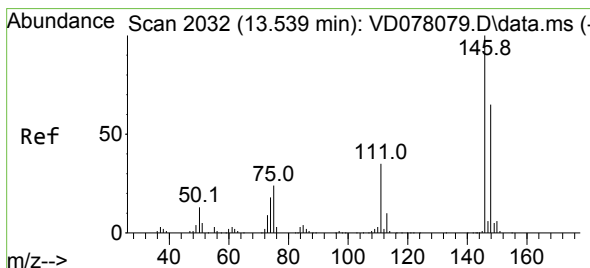
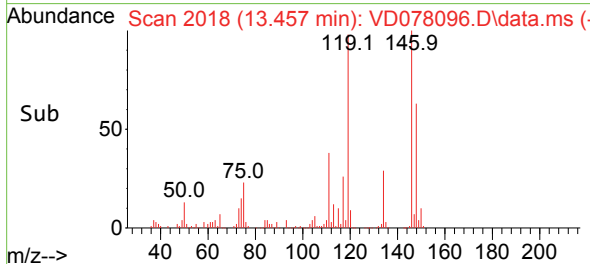
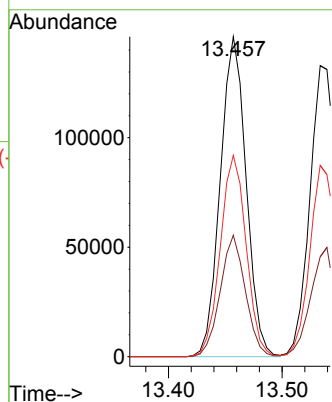
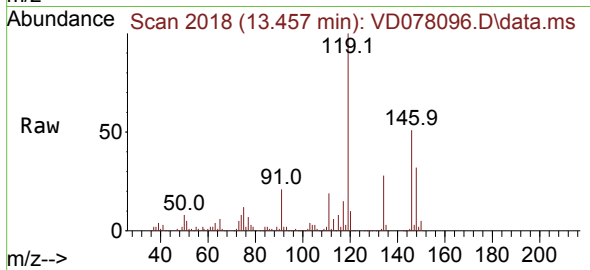




#87
1,3-Dichlorobenzene
Concen: 50.768 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

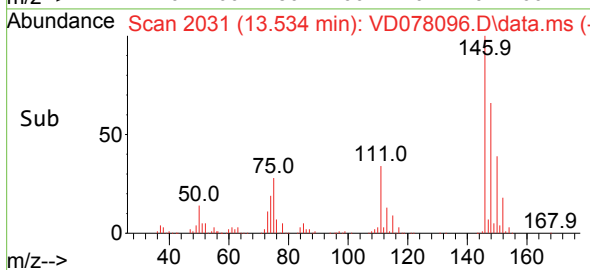
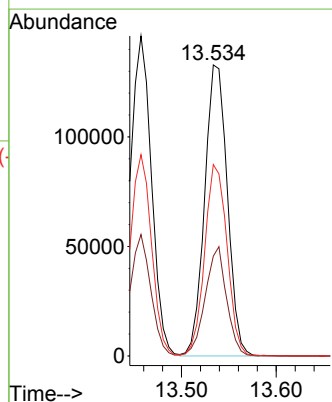
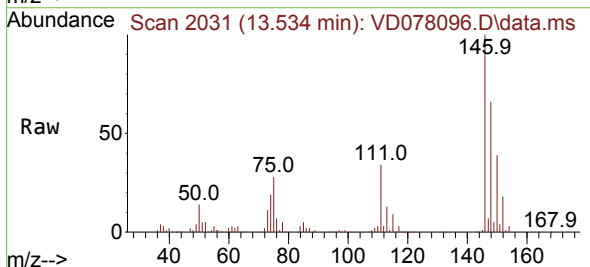
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

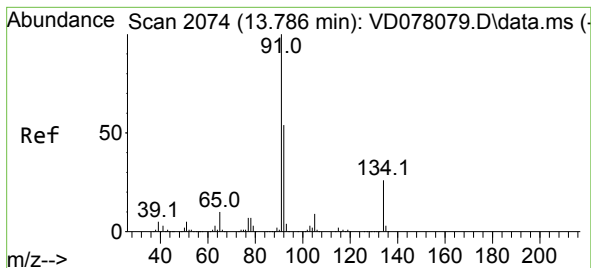
Tgt Ion:146 Resp: 231209
Ion Ratio Lower Upper
146 100
111 36.9 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 49.588 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion:146 Resp: 221489
Ion Ratio Lower Upper
146 100
111 35.4 17.4 52.3
148 64.9 31.7 95.1





#89

n-Butylbenzene

Concen: 47.993 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

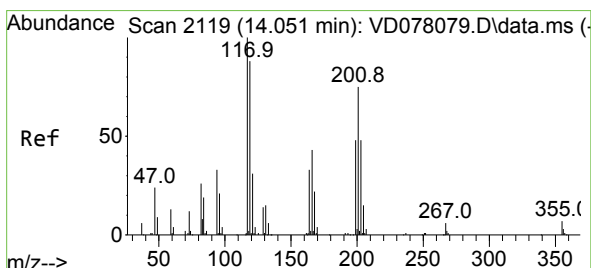
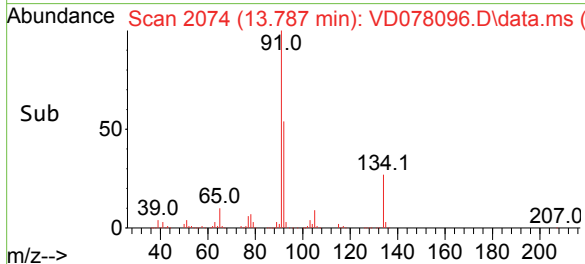
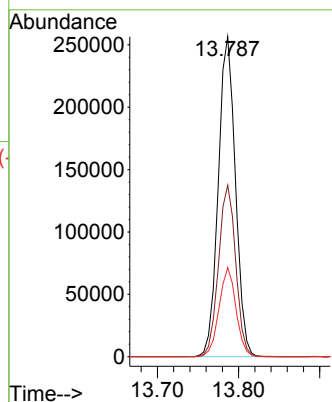
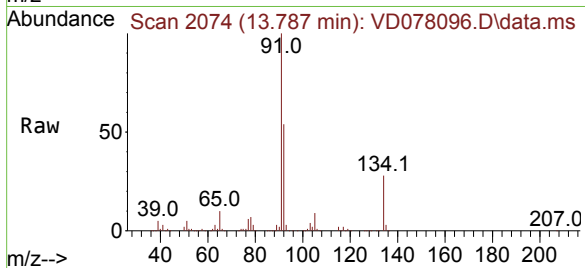
Tgt Ion: 91 Resp: 377324

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.5

134 27.5 13.8 41.3



#90

Hexachloroethane

Concen: 49.109 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078096.D

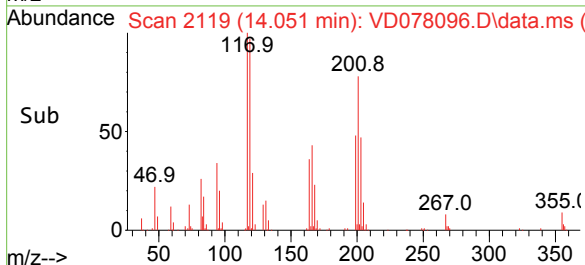
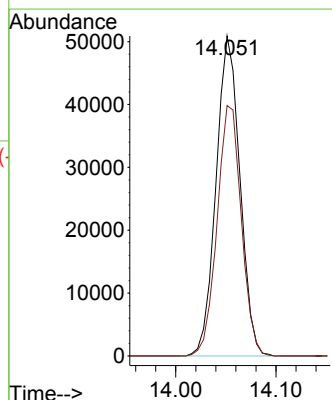
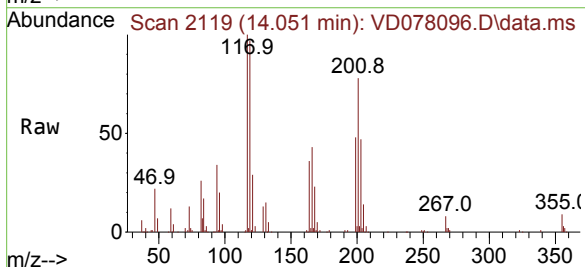
Acq: 28 Dec 2023 16:52

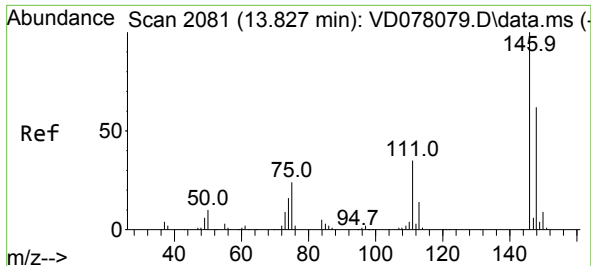
Tgt Ion: 117 Resp: 84094

Ion Ratio Lower Upper

117 100

201 79.5 38.5 115.5

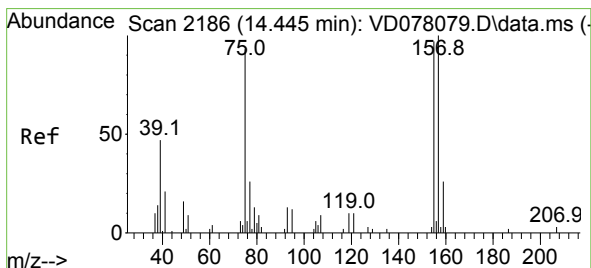
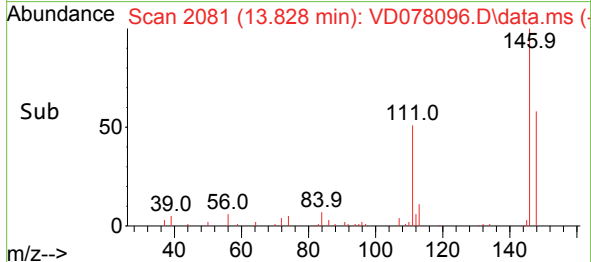
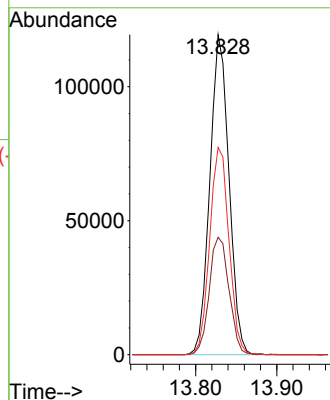
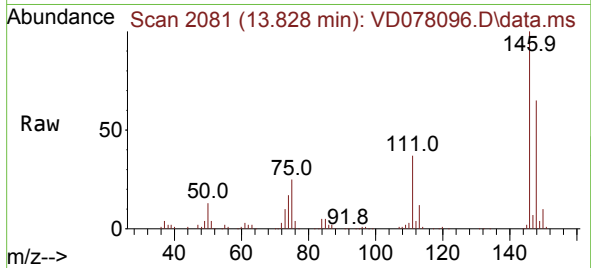




#91
1,2-Dichlorobenzene
Concen: 49.888 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

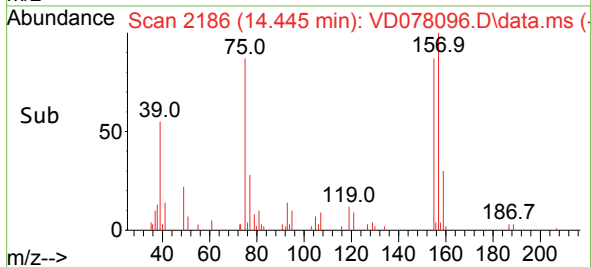
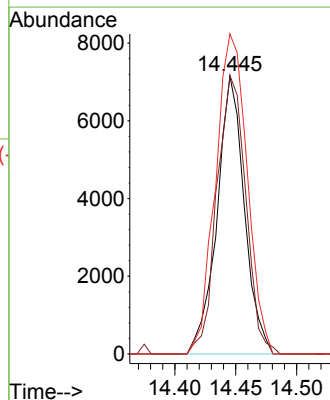
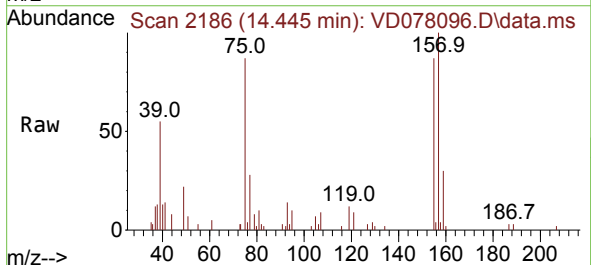
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

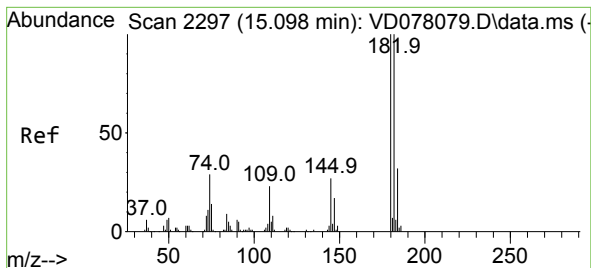
Tgt Ion:146 Resp: 195121
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 65.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.611 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion: 75 Resp: 11196
Ion Ratio Lower Upper
75 100
155 105.7 47.9 143.8
157 133.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 50.772 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

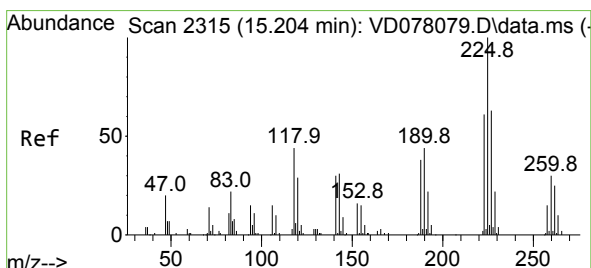
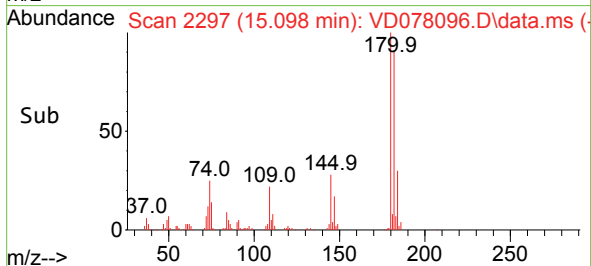
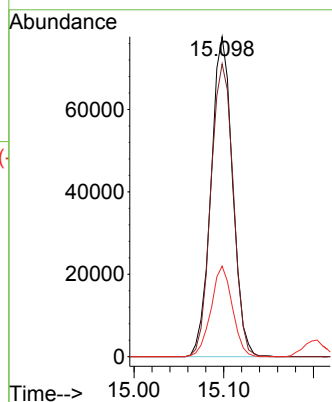
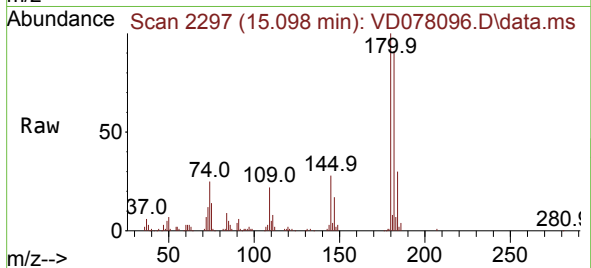
Tgt Ion:180 Resp: 129649

Ion Ratio Lower Upper

180 100

182 94.5 48.5 145.6

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.437 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078096.D

Acq: 28 Dec 2023 16:52

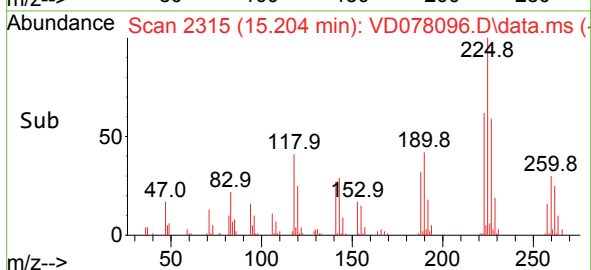
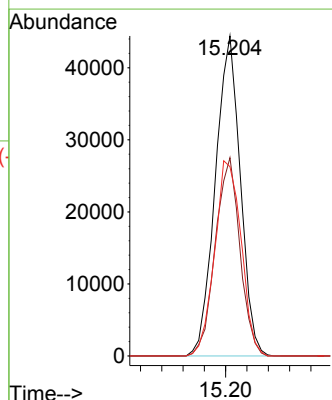
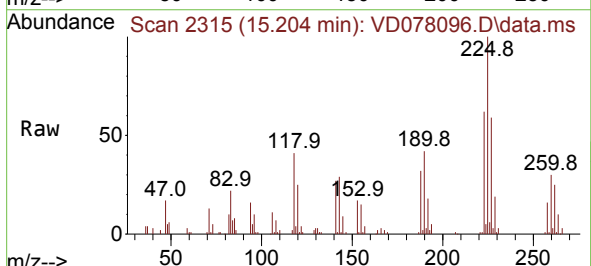
Tgt Ion:225 Resp: 72360

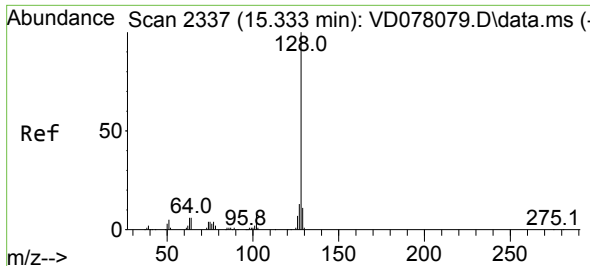
Ion Ratio Lower Upper

225 100

223 61.0 31.6 94.8

227 64.6 31.7 95.1

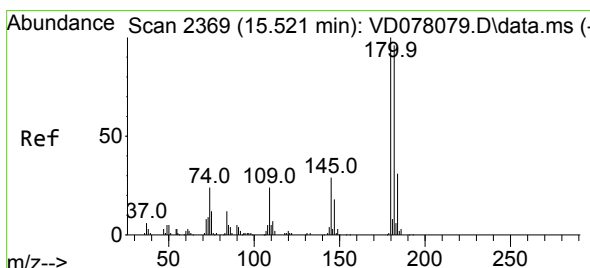
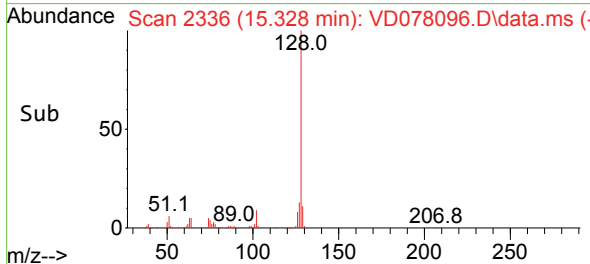
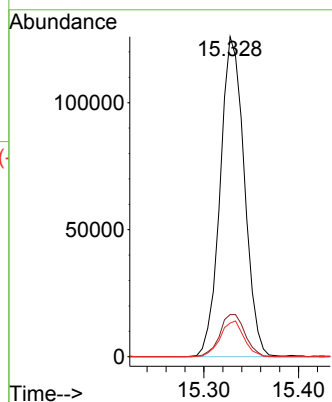
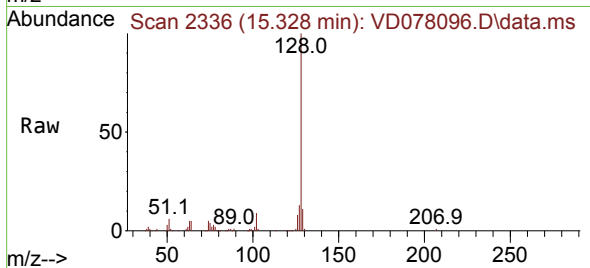




#95
Naphthalene
Concen: 51.340 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 223185
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.901 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078096.D
Acq: 28 Dec 2023 16:52

Tgt Ion:180 Resp: 112453
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 30.5 15.1 45.3

