

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078396.D
 Acq On : 09 Feb 2024 20:15
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 09 23:04:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	99799	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	181434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71191	57.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.240%
35) Dibromofluoromethane	7.804	113	72932	56.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.269	98	257905	52.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.569	95	84741	57.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	44028	41.308	ug/l	96
3) Chloromethane	2.152	50	93094	44.842	ug/l	99
4) Vinyl Chloride	2.281	62	116568	42.566	ug/l	100
5) Bromomethane	2.681	94	65168	39.308	ug/l	100
6) Chloroethane	2.828	64	87948	46.496	ug/l	98
7) Trichlorofluoromethane	3.169	101	93457	40.309	ug/l	98
8) Diethyl Ether	3.593	74	32442	47.301	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	56796	39.916	ug/l	95
10) Methyl Iodide	4.158	142	53026	40.968	ug/l	# 87
11) Tert butyl alcohol	5.075	59	20992	266.382	ug/l	95
12) 1,1-Dichloroethene	3.940	96	55036	40.086	ug/l	# 82
13) Acrolein	3.799	56	17778	189.376	ug/l	99
14) Allyl chloride	4.558	41	77088	42.586	ug/l	88
15) Acrylonitrile	5.263	53	74531	245.847	ug/l	98
16) Acetone	4.028	43	62133	212.327	ug/l	88
17) Carbon Disulfide	4.263	76	180460	38.934	ug/l	97
18) Methyl Acetate	4.563	43	37221	56.524	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	142608	49.945	ug/l	99
20) Methylene Chloride	4.799	84	80495	54.010	ug/l	87
21) trans-1,2-Dichloroethene	5.310	96	69057	44.486	ug/l	95
22) Diisopropyl ether	6.222	45	185707	48.214	ug/l	95
23) Vinyl Acetate	6.157	43	552874	235.273	ug/l	# 93
24) 1,1-Dichloroethane	6.116	63	121539	45.581	ug/l	97
25) 2-Butanone	7.087	43	94396	229.298	ug/l	# 84
26) 2,2-Dichloropropane	7.075	77	86609	39.763	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	77597	45.102	ug/l	92
28) Bromochloromethane	7.428	49	55040	57.873	ug/l	# 75
29) Tetrahydrofuran	7.446	42	58585	266.015	ug/l	85
30) Chloroform	7.593	83	130150	47.738	ug/l	94
31) Cyclohexane	7.875	56	90165	38.969	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	106370	45.271	ug/l	99
36) 1,1-Dichloropropene	8.010	75	92906	43.375	ug/l	95
37) Ethyl Acetate	7.169	43	37880	45.949	ug/l	95
38) Carbon Tetrachloride	7.993	117	92899	44.110	ug/l	99
39) Methylcyclohexane	9.275	83	103199	40.751	ug/l	91
40) Benzene	8.251	78	282645	45.225	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	24862	56.096	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	78658	48.526	ug/l	92
43) Isopropyl Acetate	8.363	43	77618	52.512	ug/l #	89
44) Trichloroethene	9.028	130	69244	45.121	ug/l	91
45) 1,2-Dichloropropane	9.304	63	69473	45.465	ug/l	96
46) Dibromomethane	9.393	93	41515	48.967	ug/l	88
47) Bromodichloromethane	9.581	83	101925	48.863	ug/l	94
48) Methyl methacrylate	9.381	41	35107	49.704	ug/l #	79
49) 1,4-Dioxane	9.387	88	10190	1071.445	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	210498	263.252	ug/l	89
52) Toluene	10.334	92	178848	47.179	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	92697	47.577	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	110293	47.816	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	55638	50.289	ug/l	91
56) Ethyl methacrylate	10.598	69	64389	51.310	ug/l #	81
57) 1,3-Dichloropropane	10.875	76	93742	49.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	173641	304.270	ug/l	92
59) 2-Hexanone	10.922	43	148102	245.932	ug/l	89
60) Dibromochloromethane	11.075	129	66403	51.703	ug/l	97
61) 1,2-Dibromoethane	11.175	107	53653	51.364	ug/l	99
64) Tetrachloroethene	10.804	164	57180	46.103	ug/l	91
65) Chlorobenzene	11.604	112	187798	44.143	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	69740	46.042	ug/l	97
67) Ethyl Benzene	11.681	91	337004	43.732	ug/l	99
68) m/p-Xylenes	11.792	106	263550	88.894	ug/l	88
69) o-Xylene	12.116	106	122986	45.139	ug/l	87
70) Styrene	12.134	104	220465	47.381	ug/l	96
71) Bromoform	12.298	173	37940	50.858	ug/l #	96
73) Isopropylbenzene	12.422	105	316291	40.994	ug/l	96
74) N-amyl acetate	12.234	43	74122	46.450	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	67185	45.091	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	81543	85.554	ug/l #	100
77) Bromobenzene	12.698	156	73154	43.085	ug/l	82
78) n-propylbenzene	12.763	91	402669	41.896	ug/l	95
79) 2-Chlorotoluene	12.845	91	220585	42.874	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	270633	43.117	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	20638	43.064	ug/l	96
82) 4-Chlorotoluene	12.945	91	233582	42.585	ug/l	94
83) tert-Butylbenzene	13.163	119	222961	41.630	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	276543	43.547	ug/l	95
85) sec-Butylbenzene	13.345	105	347596	41.353	ug/l	95
86) p-Isopropyltoluene	13.457	119	292875	42.540	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	156417	44.344	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	152095	43.581	ug/l	98
89) n-Butylbenzene	13.786	91	276730	41.249	ug/l	96
90) Hexachloroethane	14.051	117	58652	42.652	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	137184	45.460	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10003	47.892	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	77771	44.556	ug/l	96
94) Hexachlorobutadiene	15.204	225	36535	42.716	ug/l	99
95) Naphthalene	15.328	128	163809	47.069	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	71558	46.561	ug/l	99

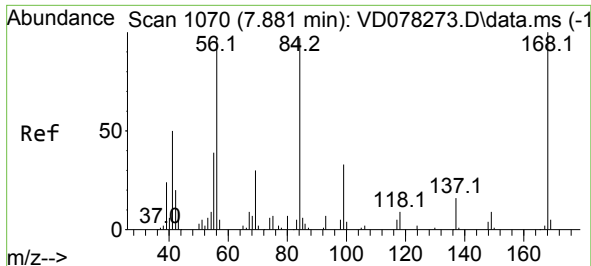
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Response via : Initial Calibration

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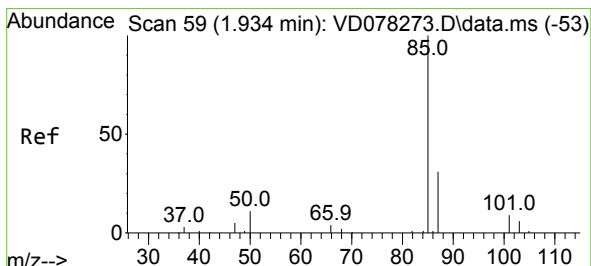
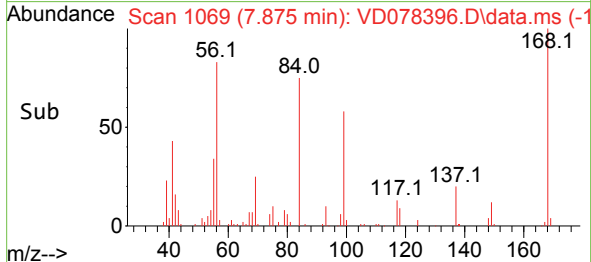
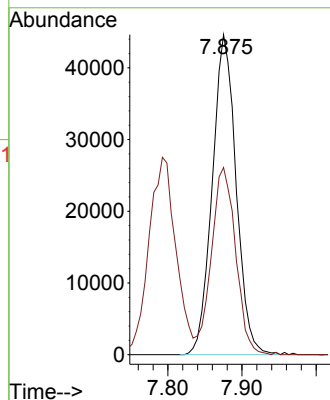
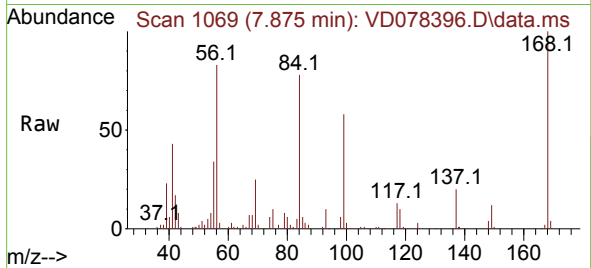
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
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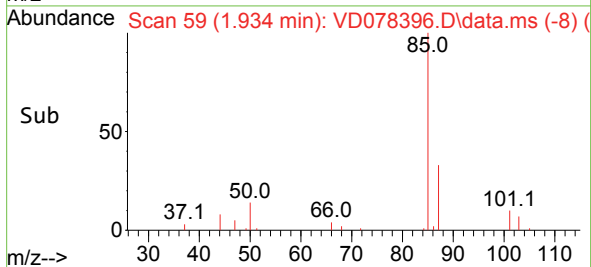
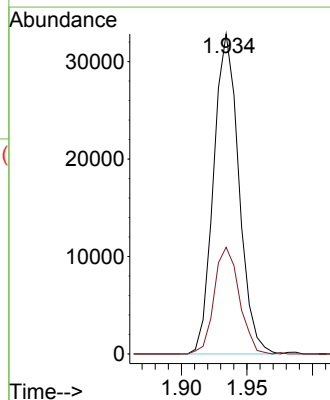
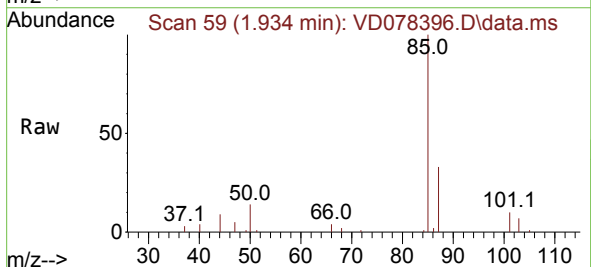
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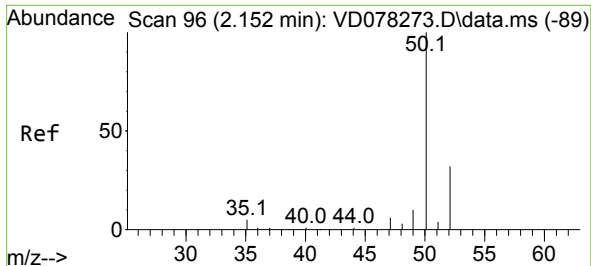
Tgt Ion:168 Resp: 99799
Ion Ratio Lower Upper
168 100
99 58.5 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 41.308 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 85 Resp: 44028
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.0

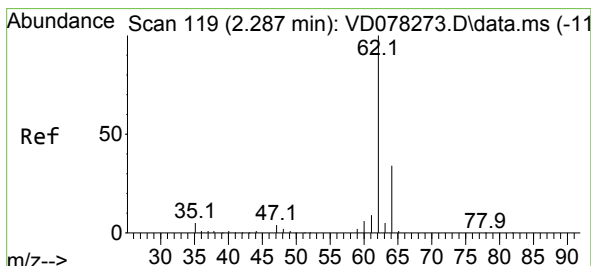
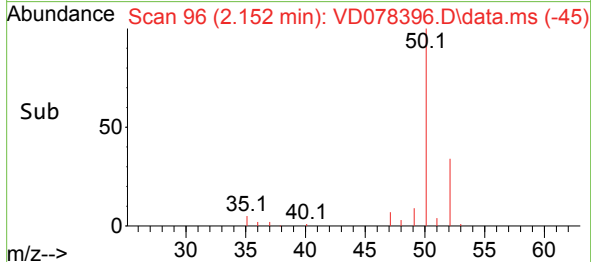
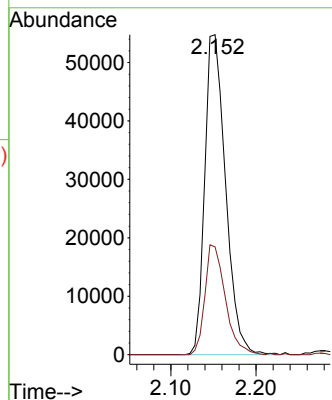
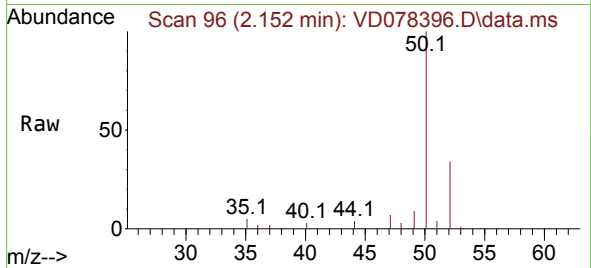




#3
Chloromethane
Concen: 44.842 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

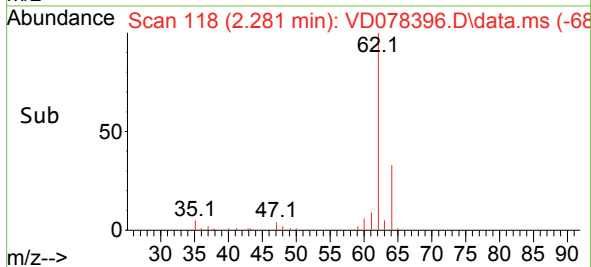
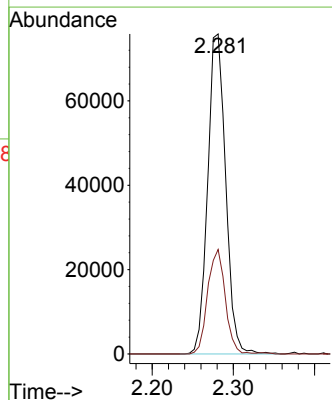
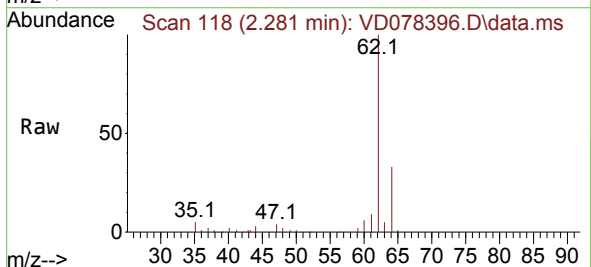
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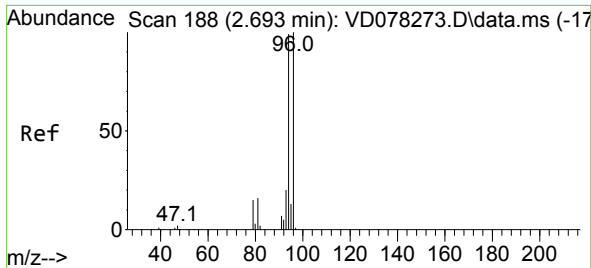
Tgt Ion: 50 Resp: 93094
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 42.566 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 62 Resp: 116568
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0

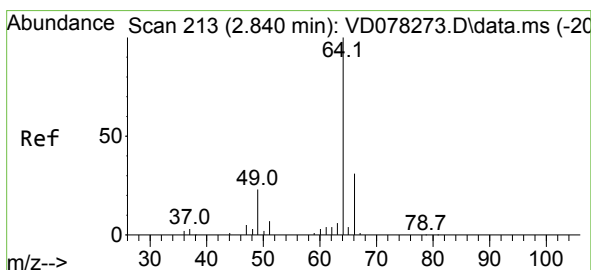
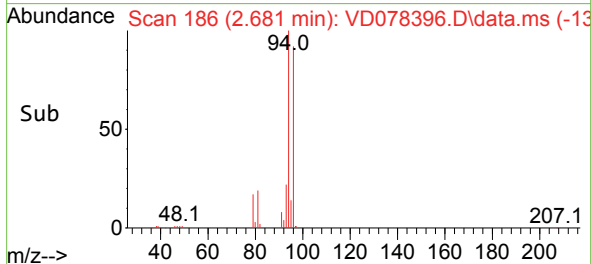
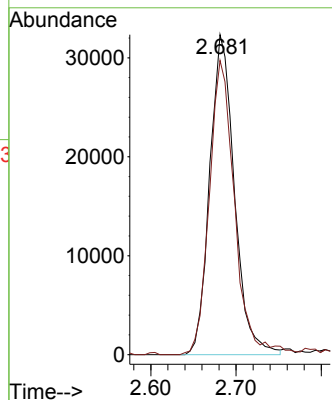
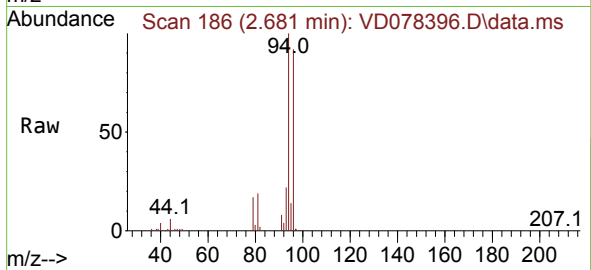




#5
Bromomethane
Concen: 39.308 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

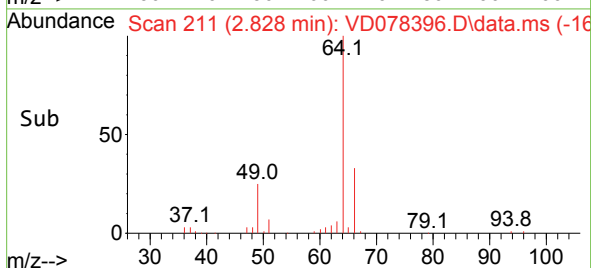
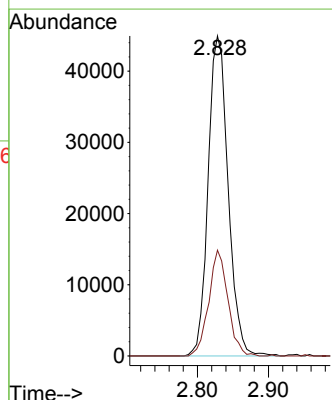
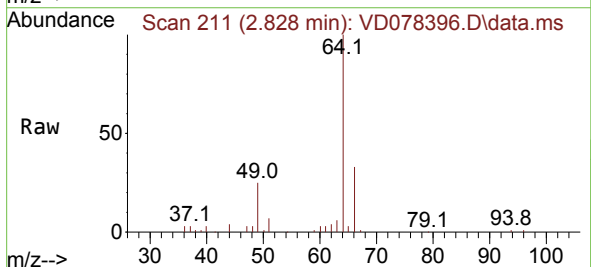
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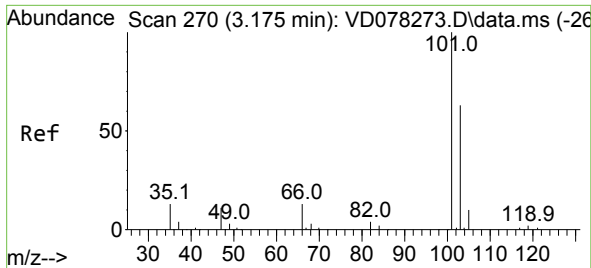
Tgt Ion: 94 Resp: 65168
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8



#6
Chloroethane
Concen: 46.496 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 64 Resp: 87948
Ion Ratio Lower Upper
64 100
66 33.1 25.5 38.3

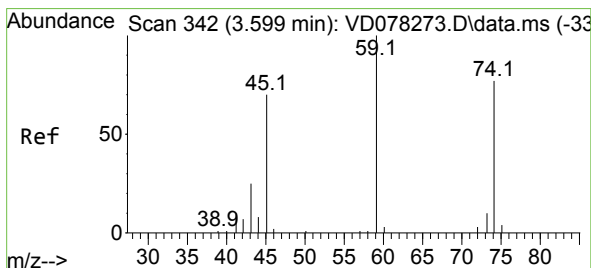
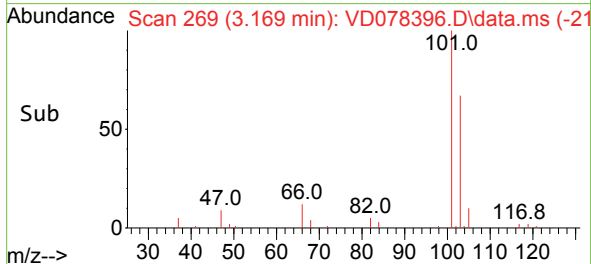
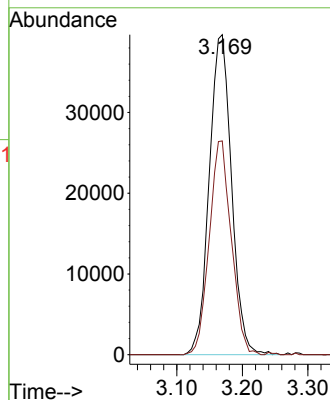
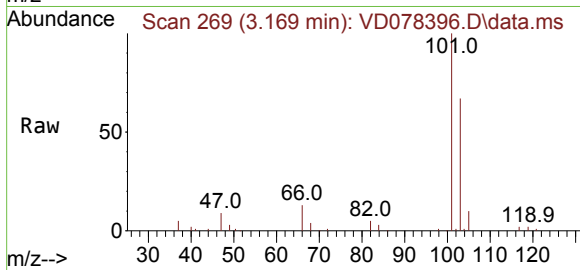




#7
Trichlorofluoromethane
Concen: 40.309 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
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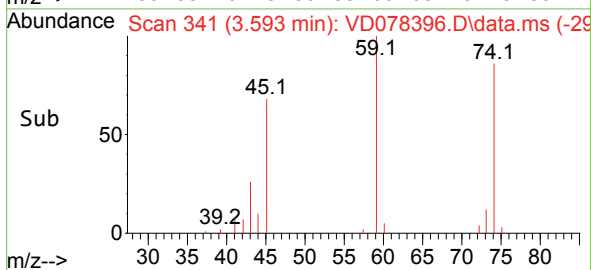
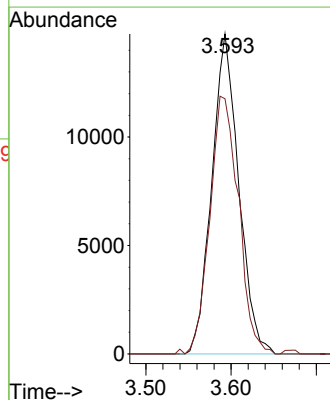
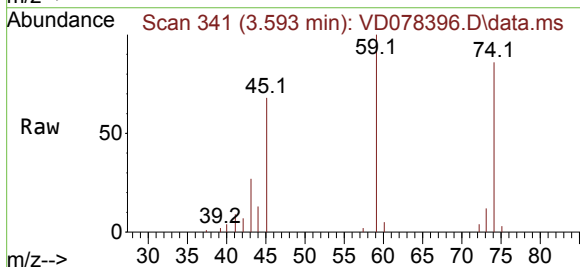
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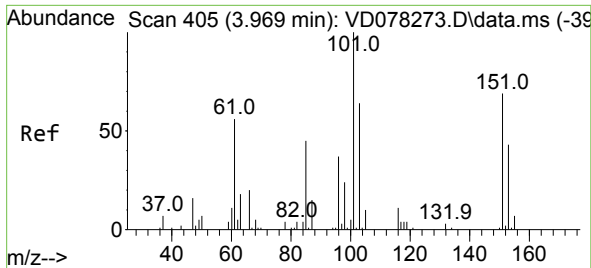
Tgt Ion:101 Resp: 93457
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5



#8
Diethyl Ether
Concen: 47.301 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 74 Resp: 32442
Ion Ratio Lower Upper
74 100
45 85.8 37.5 112.7

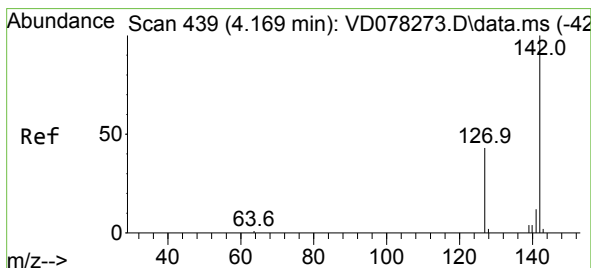
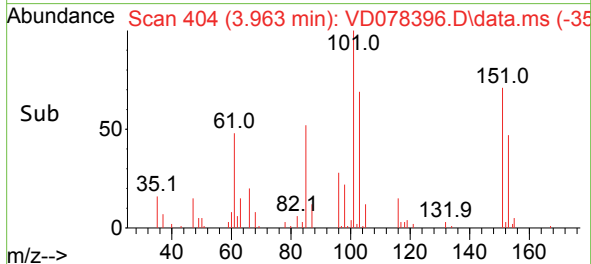
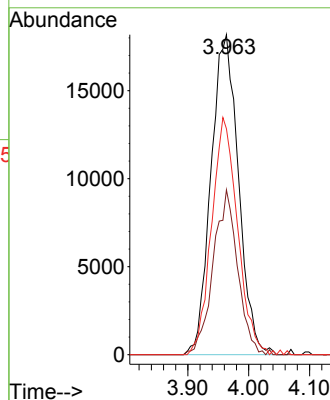
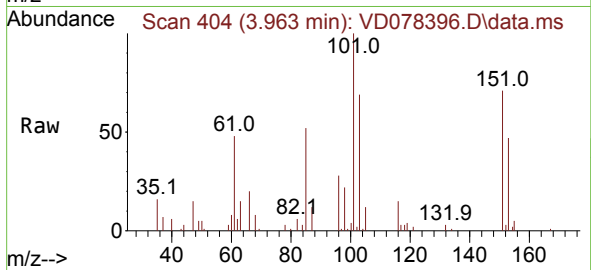




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.916 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

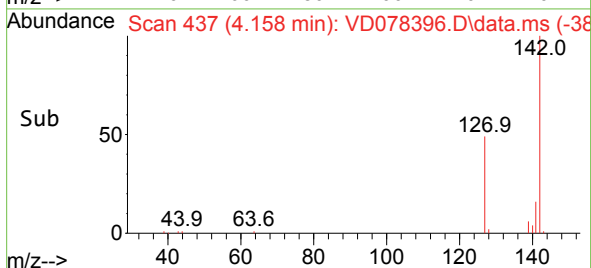
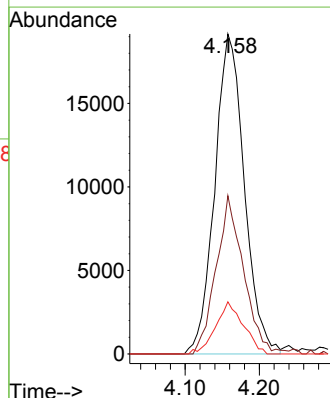
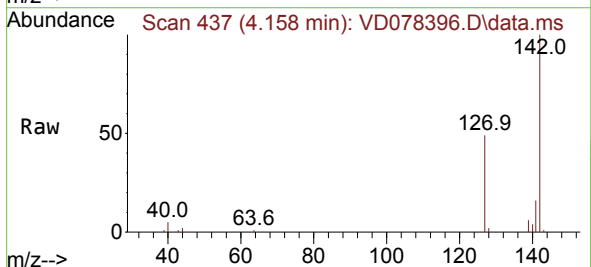
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

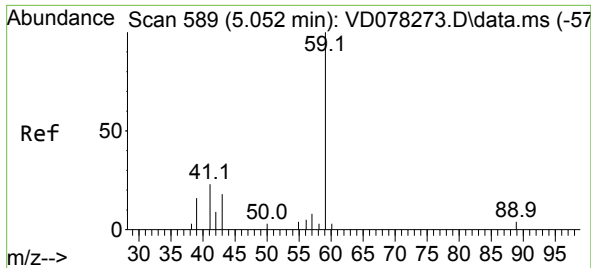
Tgt Ion:101 Resp: 56796
Ion Ratio Lower Upper
101 100
85 45.9 33.8 50.6
151 70.2 59.8 89.6



#10
Methyl Iodide
Concen: 40.968 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:142 Resp: 53026
Ion Ratio Lower Upper
142 100
127 46.2 29.4 44.0#
141 15.3 11.1 16.7

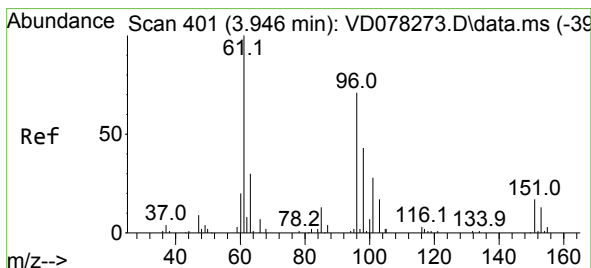
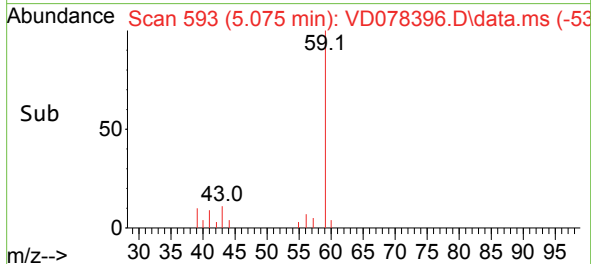
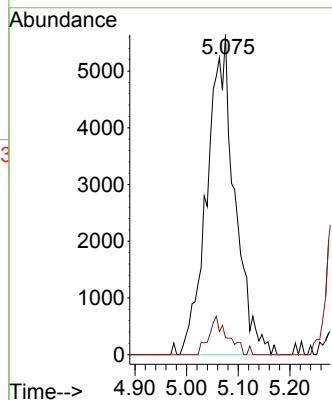
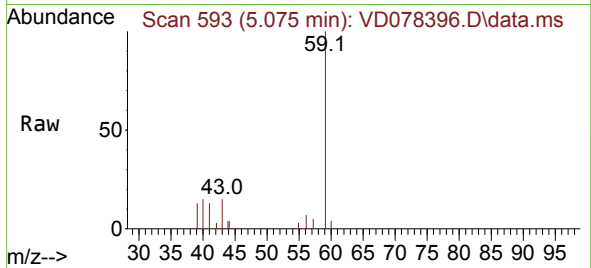




#11
Tert butyl alcohol
Concen: 266.382 ug/l
RT: 5.075 min Scan# 51
Delta R.T. 0.024 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

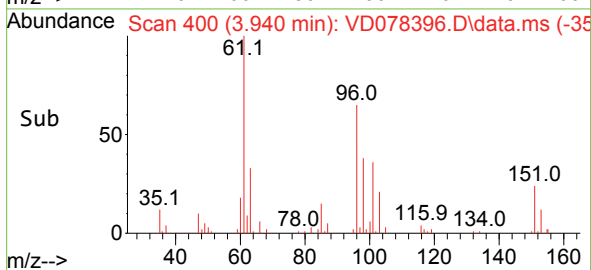
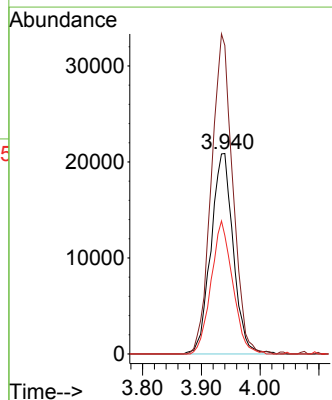
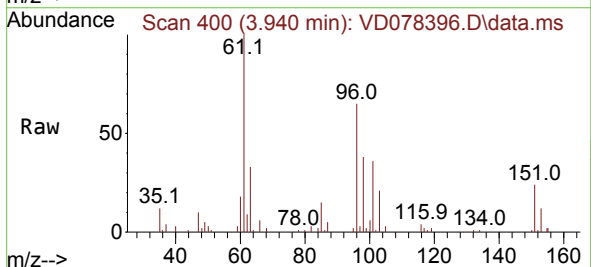
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

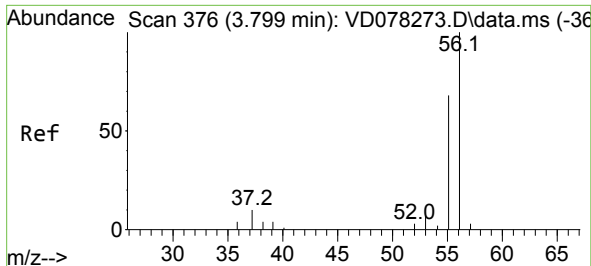
Tgt Ion: 59 Resp: 20992
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 40.086 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 96 Resp: 55036
Ion Ratio Lower Upper
96 100
61 153.9 100.6 150.8#
98 59.1 50.2 75.2





#13

Acrolein

Concen: 189.376 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

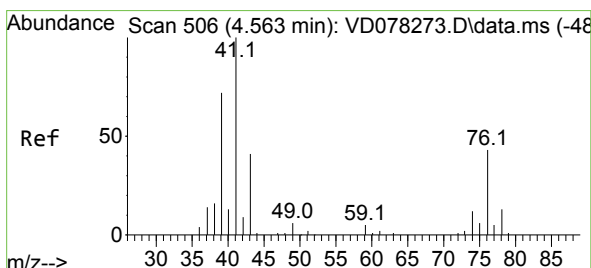
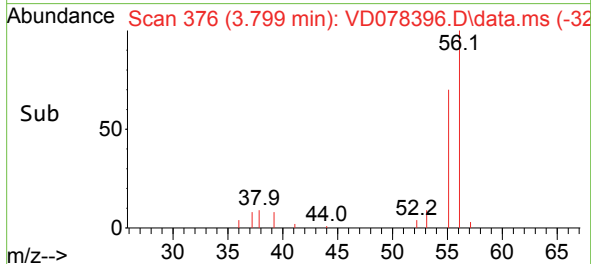
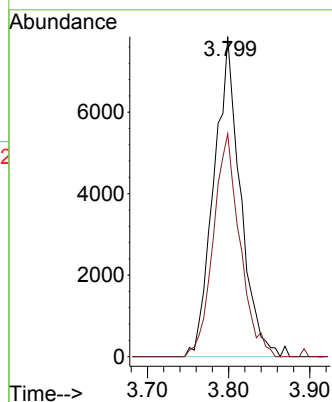
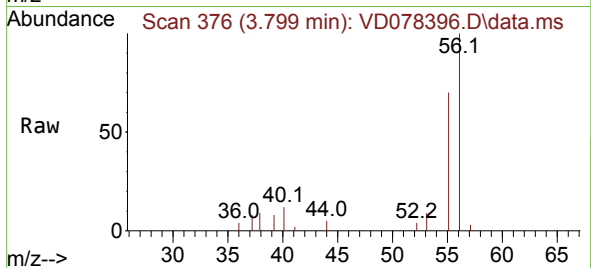
VSTDCCC050EC

Tgt Ion: 56 Resp: 17778

Ion Ratio Lower Upper

56 100

55 70.1 55.1 82.7



#14

Allyl chloride

Concen: 42.586 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

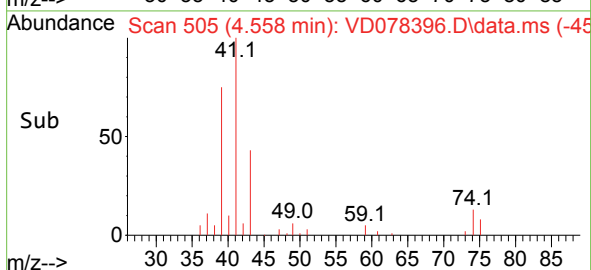
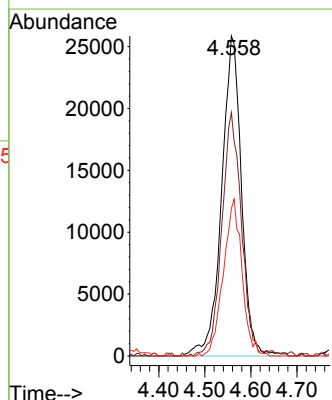
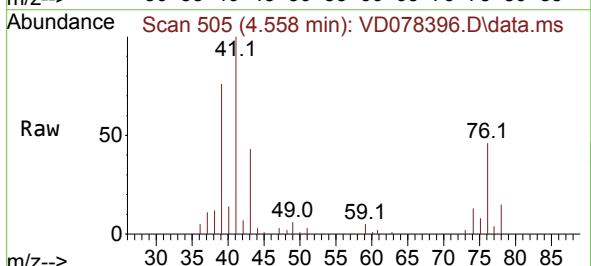
Tgt Ion: 41 Resp: 77088

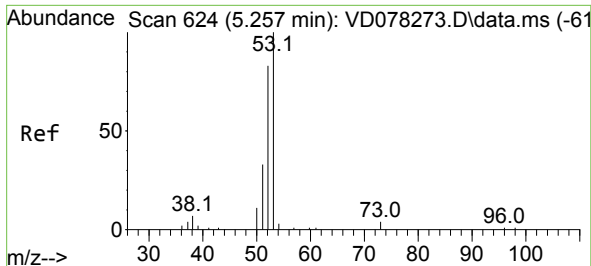
Ion Ratio Lower Upper

41 100

39 75.2 53.8 80.6

76 46.1 45.8 68.8

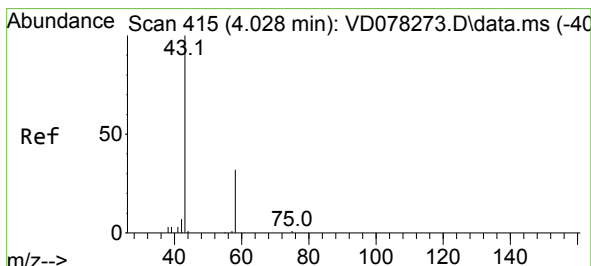
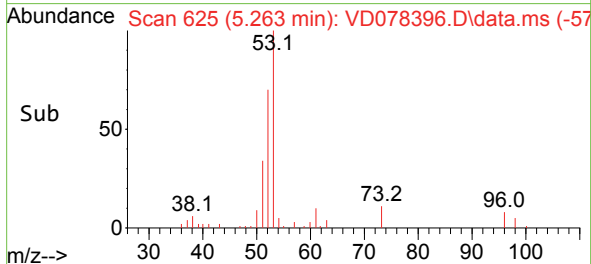
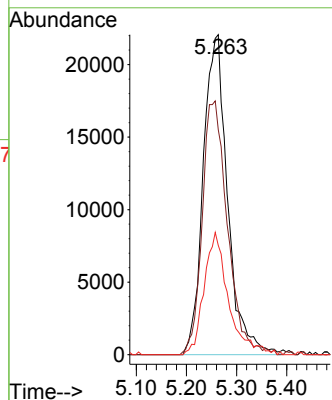
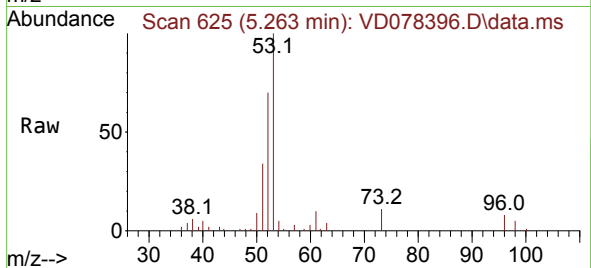




#15
Acrylonitrile
Concen: 245.847 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

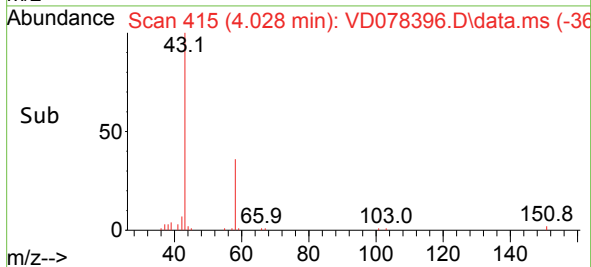
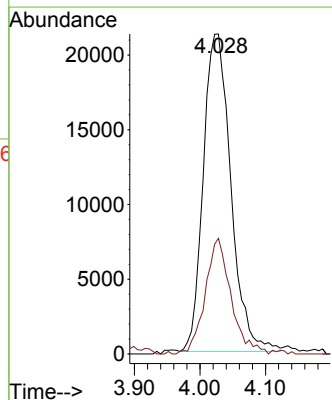
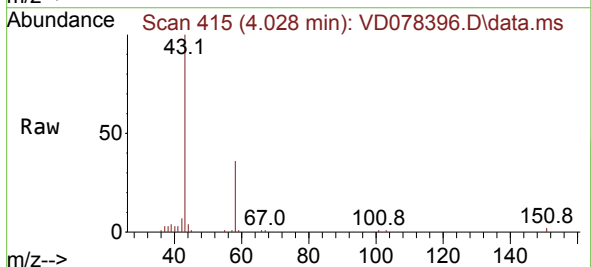
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

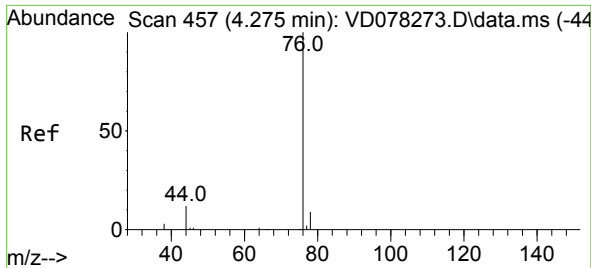
Tgt Ion: 53 Resp: 74531
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.4
51 38.3 28.3 42.5



#16
Acetone
Concen: 212.327 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 43 Resp: 62133
Ion Ratio Lower Upper
43 100
58 35.6 34.7 52.1





#17

Carbon Disulfide

Concen: 38.934 ug/l

RT: 4.263 min Scan# 4

Delta R.T. -0.012 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

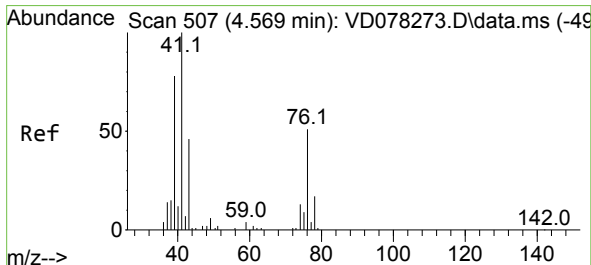
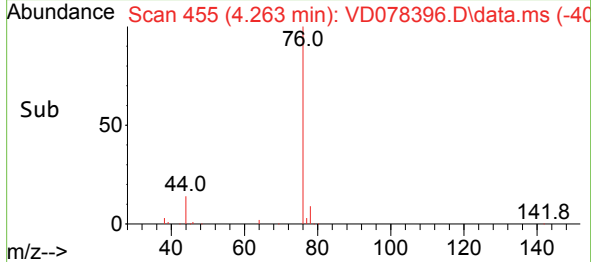
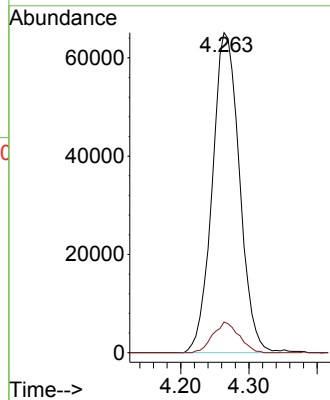
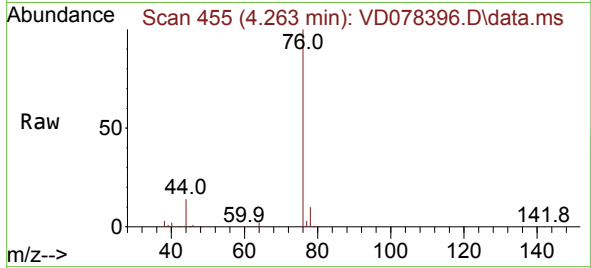
VSTDCCC050EC

Tgt Ion: 76 Resp: 180460

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2



#18

Methyl Acetate

Concen: 56.524 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078396.D

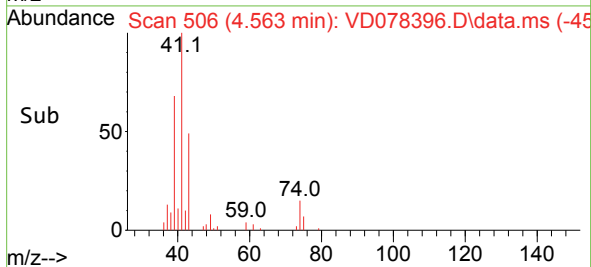
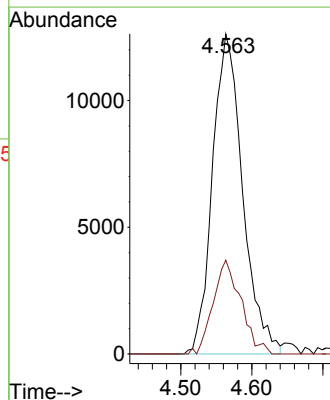
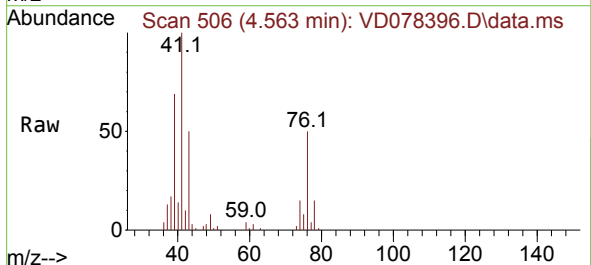
Acq: 09 Feb 2024 20:15

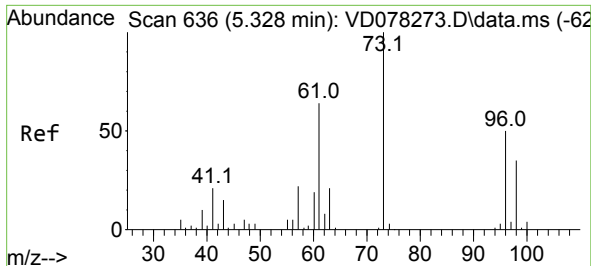
Tgt Ion: 43 Resp: 37221

Ion Ratio Lower Upper

43 100

74 27.1 26.4 39.6

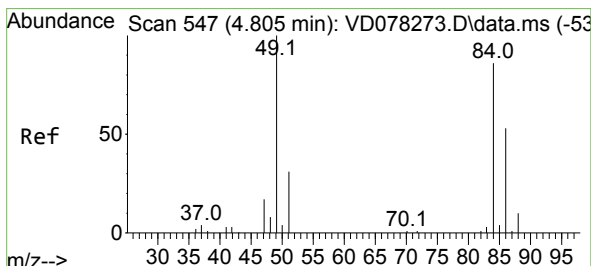
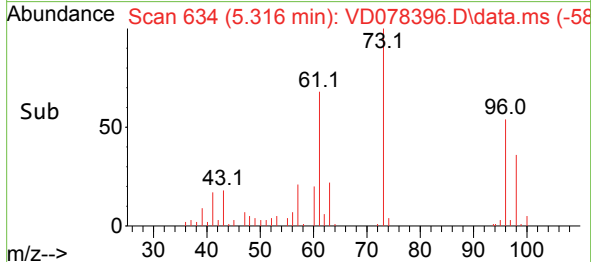
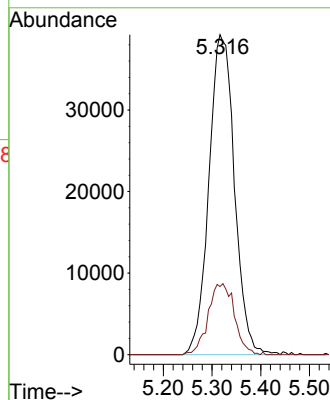
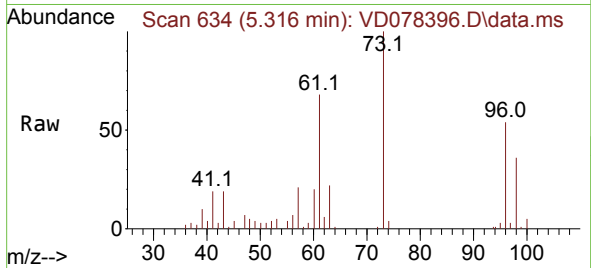




#19
Methyl tert-butyl Ether
Concen: 49.945 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

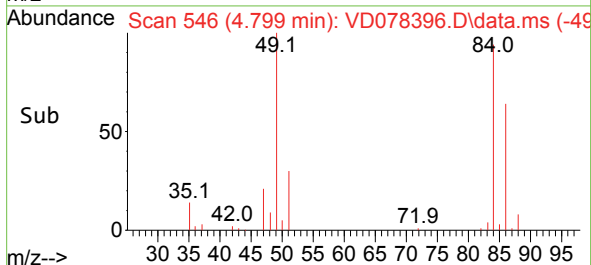
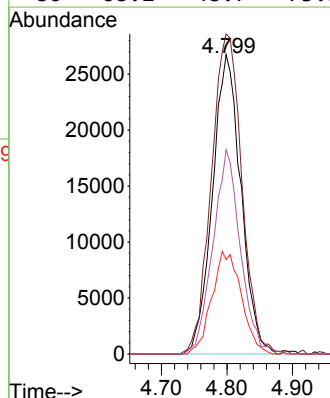
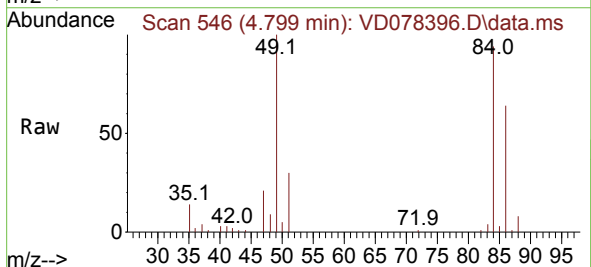
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

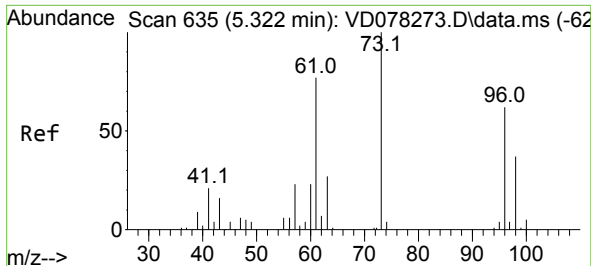
Tgt Ion: 73 Resp: 142608
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0



#20
Methylene Chloride
Concen: 54.010 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 84 Resp: 80495
Ion Ratio Lower Upper
84 100
49 106.9 71.4 107.2
51 31.5 24.5 36.7
86 68.2 48.7 73.1

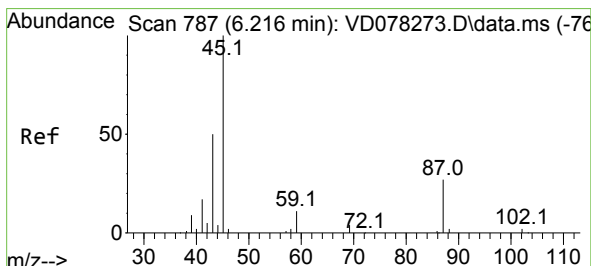
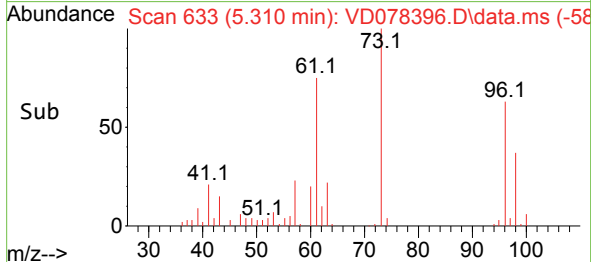
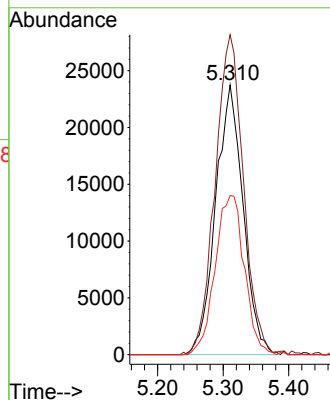
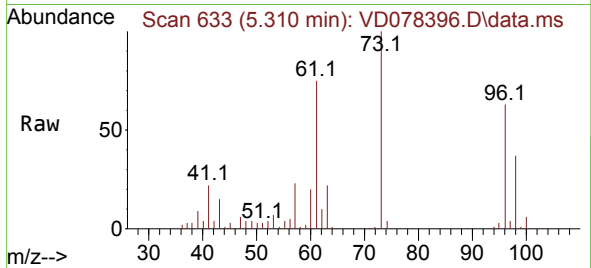




#21
trans-1,2-Dichloroethene
Concen: 44.486 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

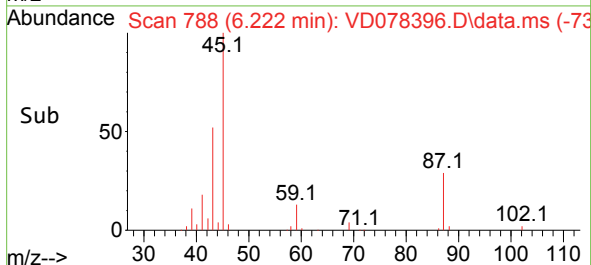
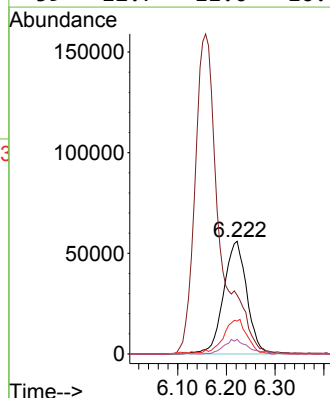
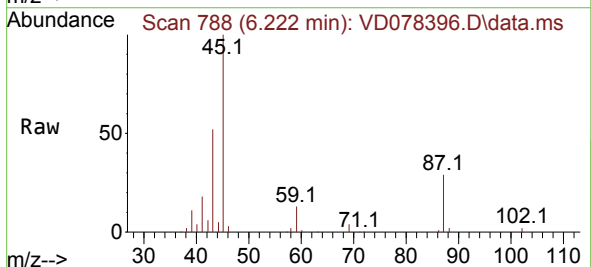
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

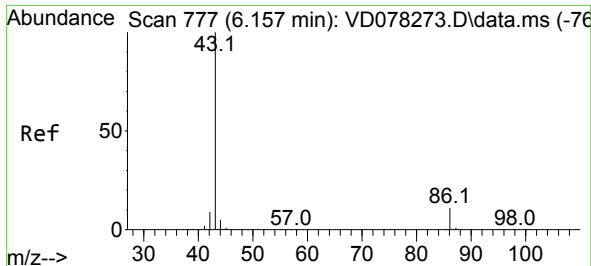
Tgt Ion: 96 Resp: 69057
Ion Ratio Lower Upper
96 100
61 118.6 89.3 133.9
98 59.0 48.6 73.0



#22
Diisopropyl ether
Concen: 48.214 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 45 Resp: 185707
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 28.9 28.2 42.4
59 12.7 11.0 16.4

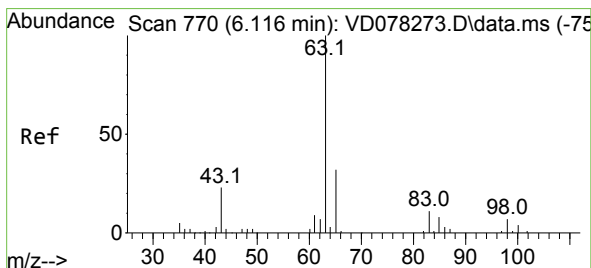
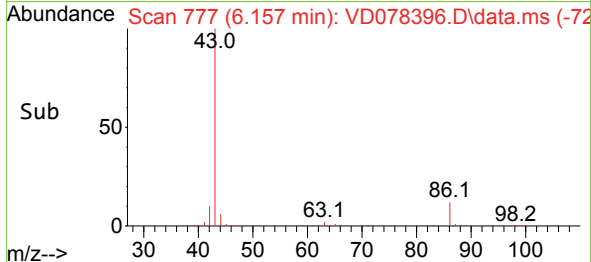
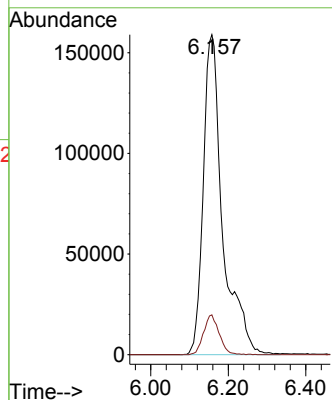
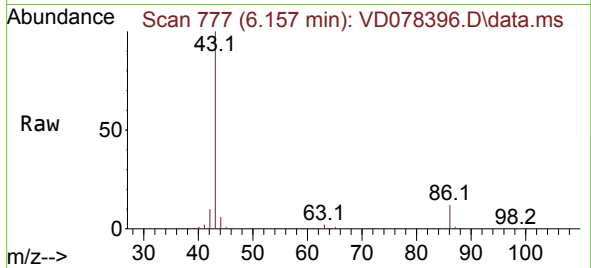




#23
 Vinyl Acetate
 Concen: 235.273 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078396.D
 Acq: 09 Feb 2024 20:15

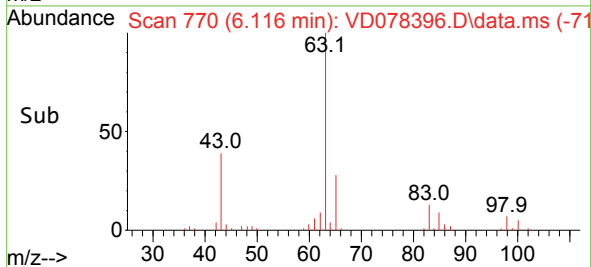
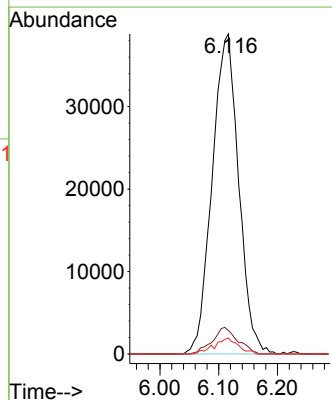
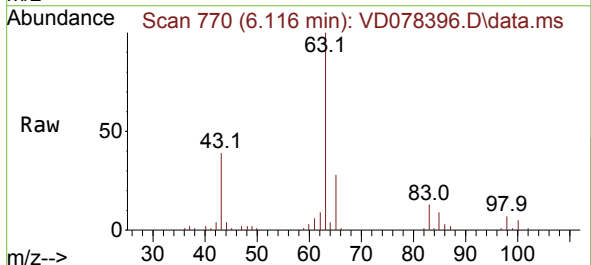
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

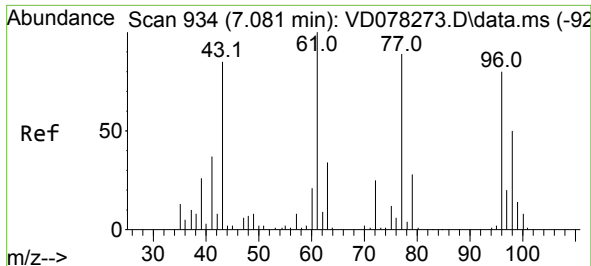
Tgt Ion: 43 Resp: 552874
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 45.581 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078396.D
 Acq: 09 Feb 2024 20:15

Tgt Ion: 63 Resp: 121539
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 5.0 2.5 7.5

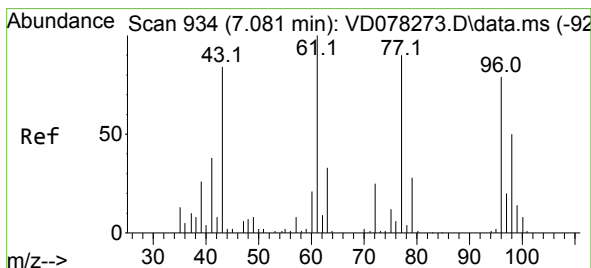
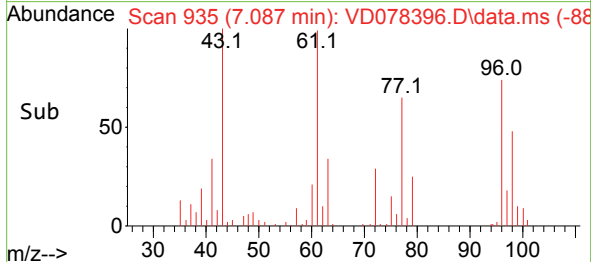
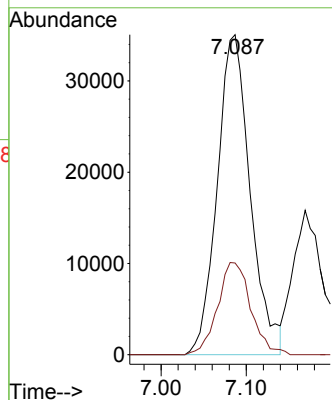
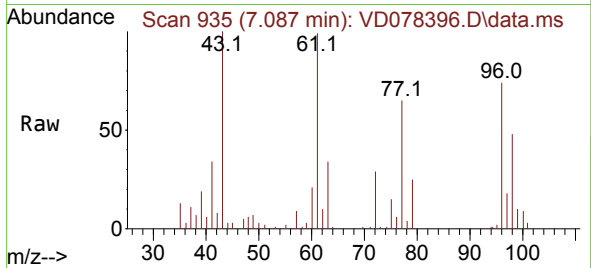




#25
2-Butanone
Concen: 229.298 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

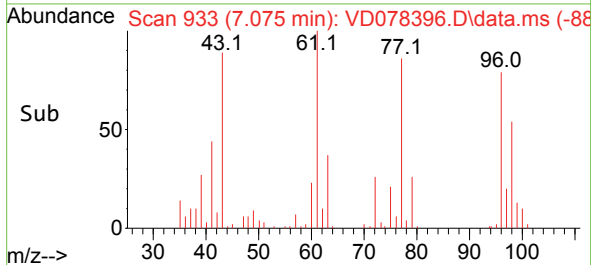
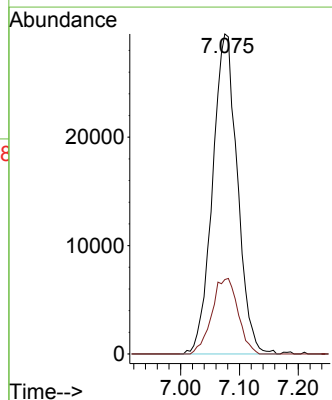
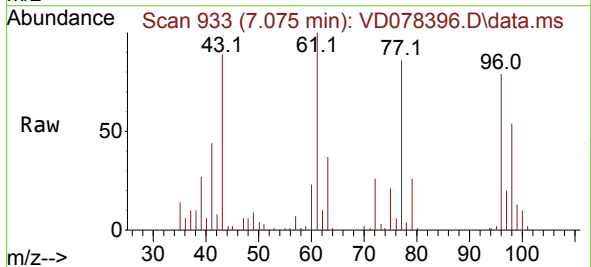
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

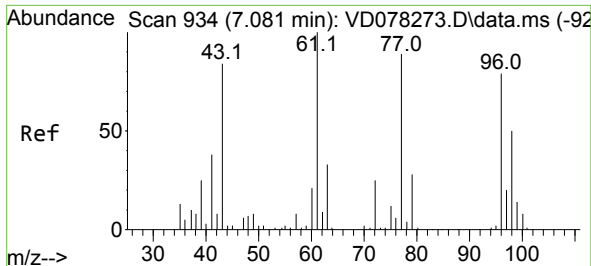
Tgt Ion: 43 Resp: 94396
Ion Ratio Lower Upper
43 100
72 28.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 39.763 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 77 Resp: 86609
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 45.102 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

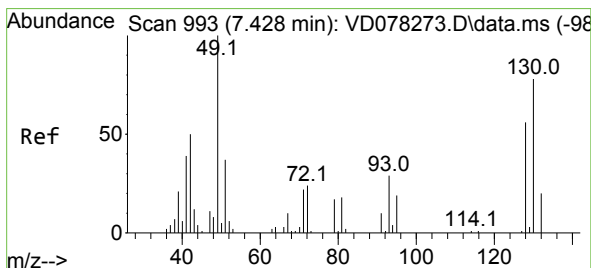
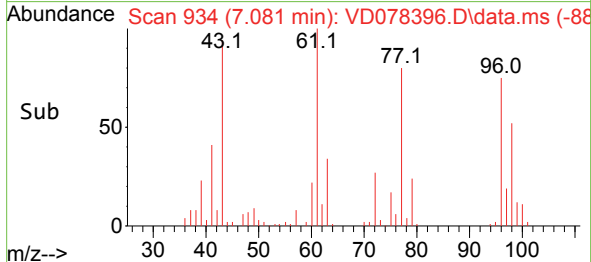
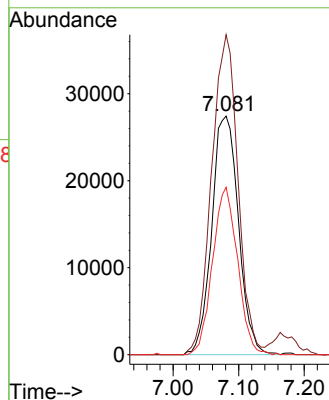
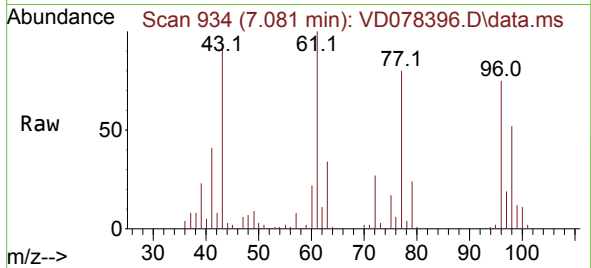
Tgt Ion: 96 Resp: 77597

Ion Ratio Lower Upper

96 100

61 132.2 0.0 239.2

98 65.7 0.0 128.6



#28

Bromochloromethane

Concen: 57.873 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

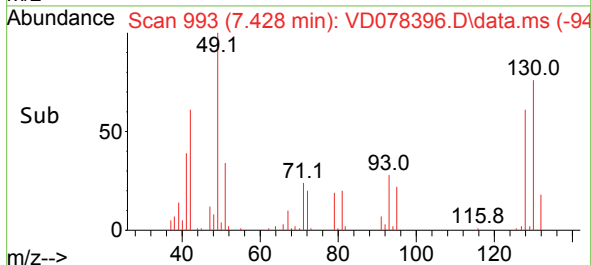
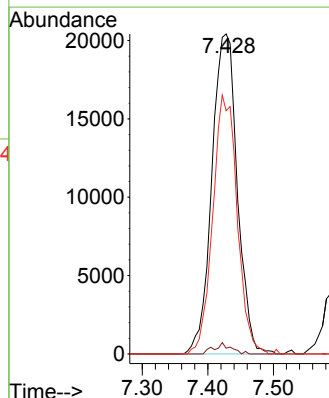
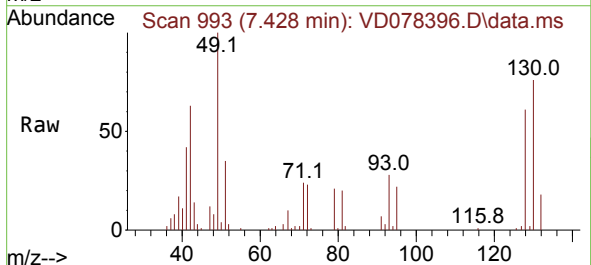
Tgt Ion: 49 Resp: 55040

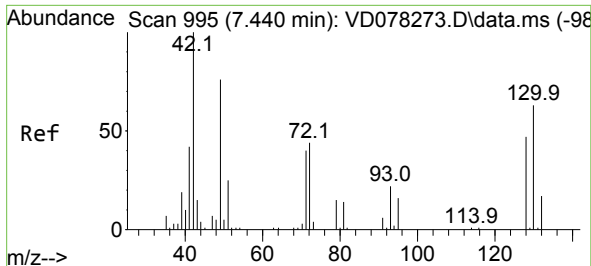
Ion Ratio Lower Upper

49 100

129 2.3 0.0 6.0

130 77.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 266.015 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

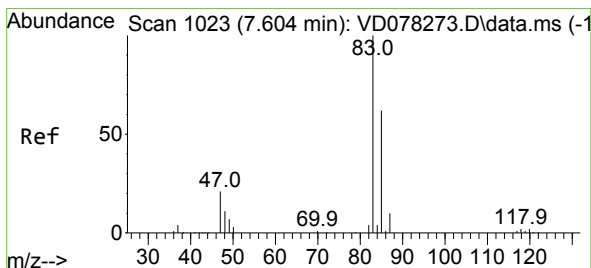
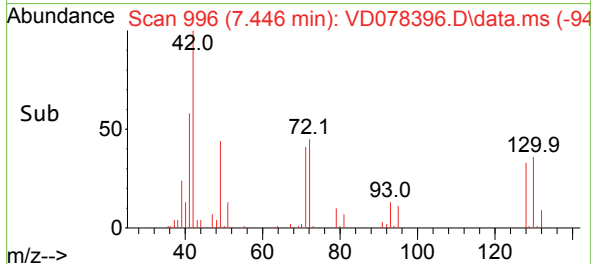
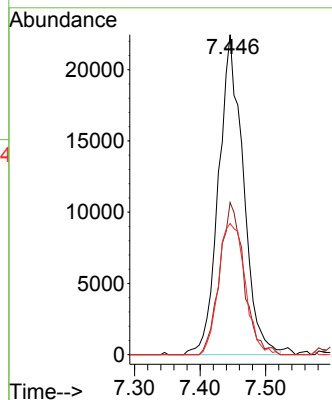
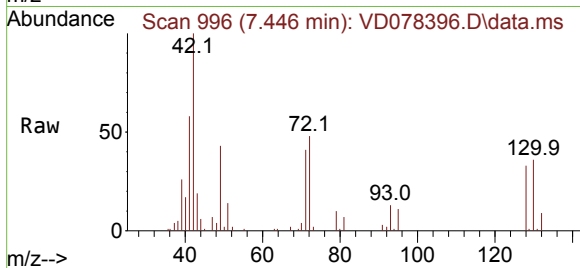
Tgt Ion: 42 Resp: 58585

Ion Ratio Lower Upper

42 100

72 46.6 46.5 69.7

71 44.6 44.5 66.7



#30

Chloroform

Concen: 47.738 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.012 min

Lab File: VD078396.D

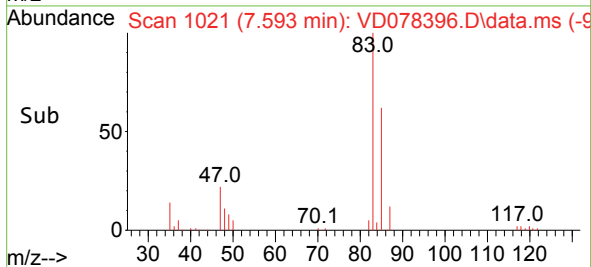
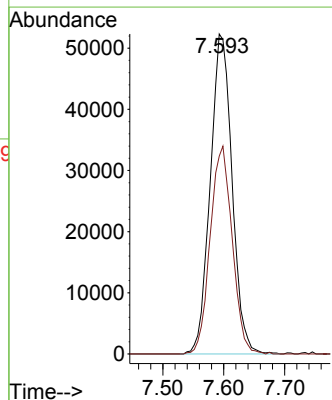
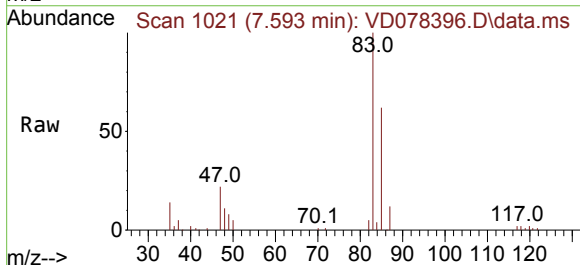
Acq: 09 Feb 2024 20:15

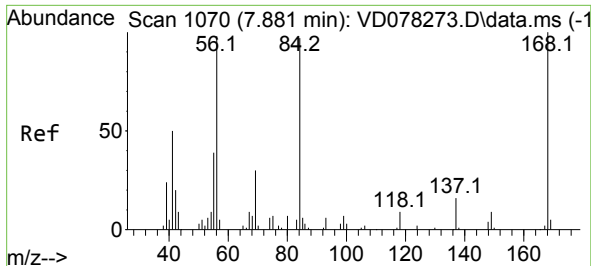
Tgt Ion: 83 Resp: 130150

Ion Ratio Lower Upper

83 100

85 61.8 53.4 80.2

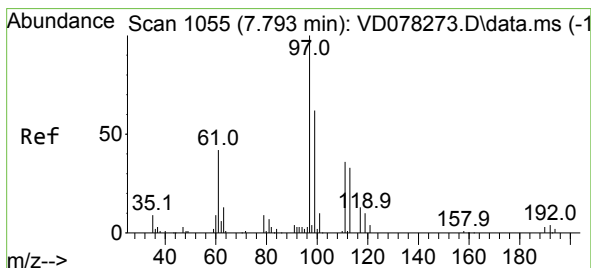
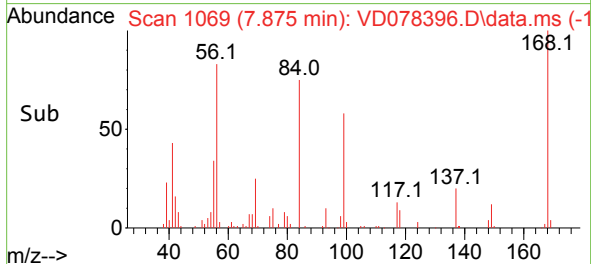
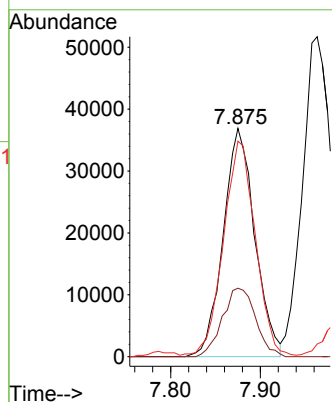
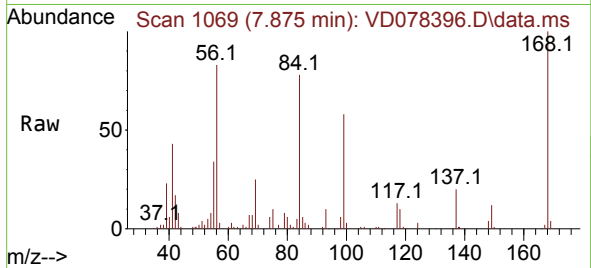




#31
Cyclohexane
Concen: 38.969 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

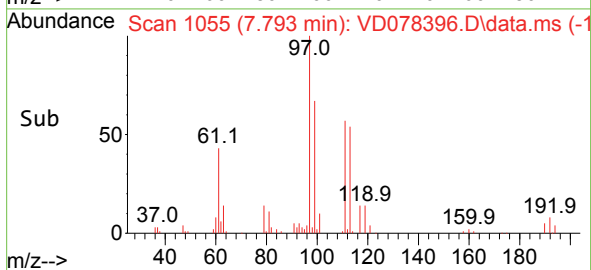
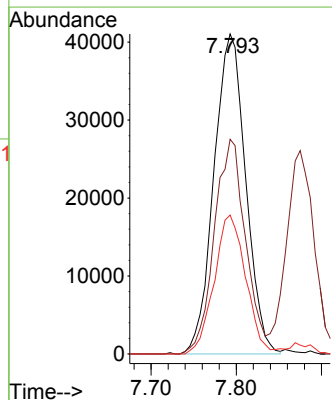
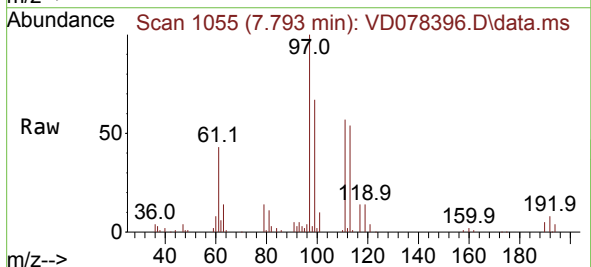
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

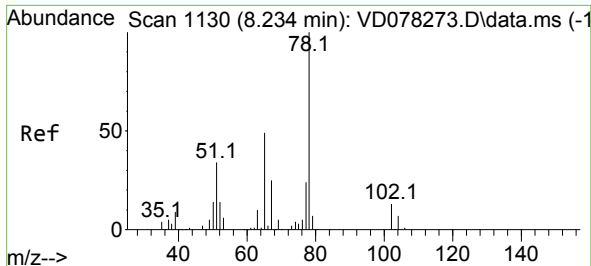
Tgt Ion: 56 Resp: 90165
Ion Ratio Lower Upper
56 100
69 30.0 28.6 43.0
84 93.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 45.271 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 97 Resp: 106370
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.624 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

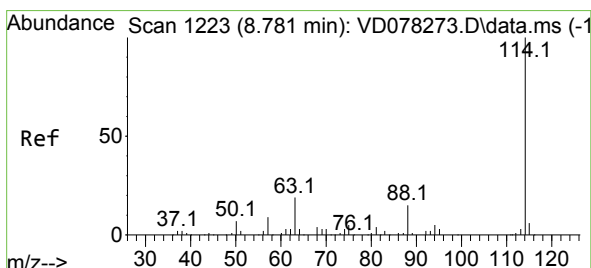
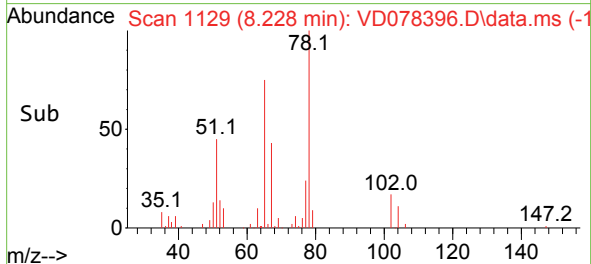
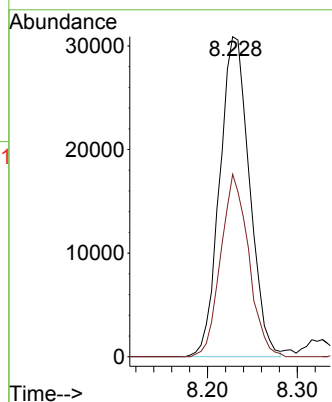
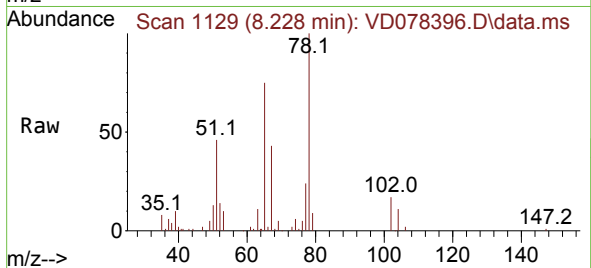
VSTDCCC050EC

Tgt Ion: 65 Resp: 71191

Ion Ratio Lower Upper

65 100

67 53.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

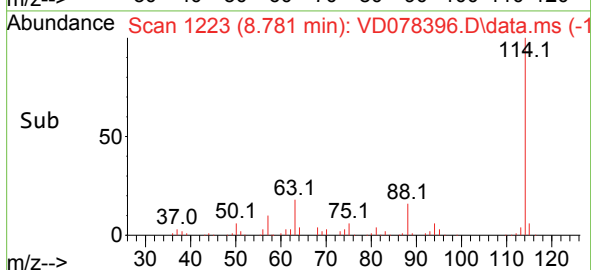
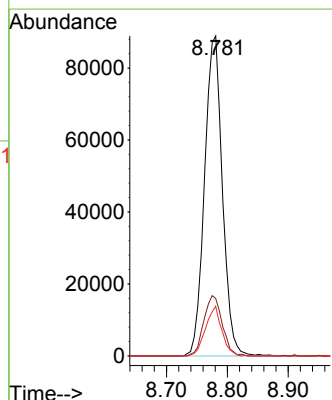
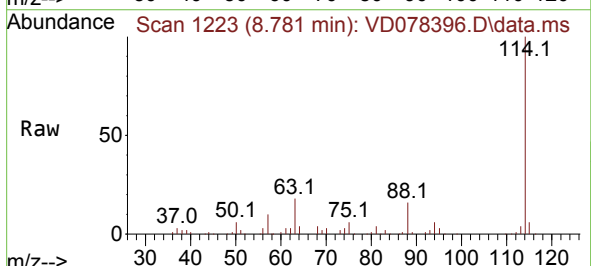
Tgt Ion: 114 Resp: 181434

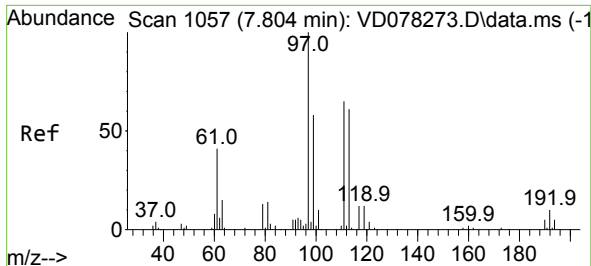
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 15.5 0.0 26.2

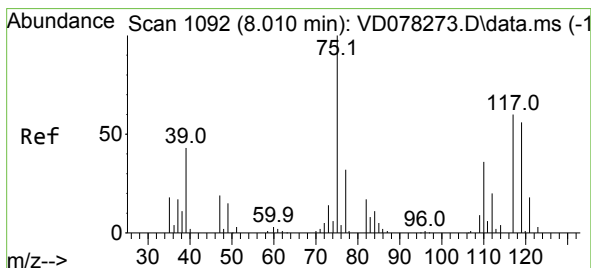
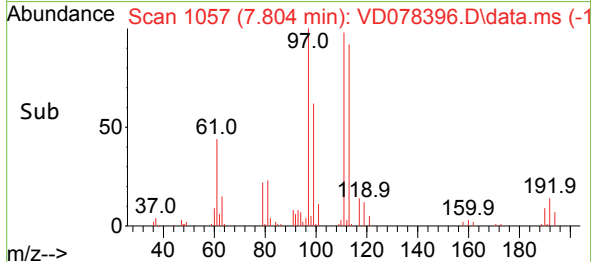
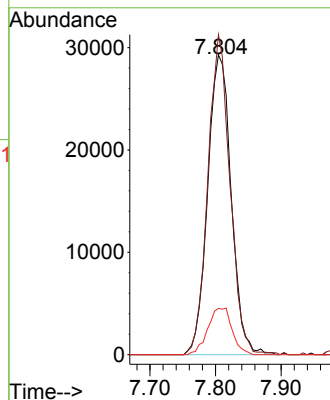
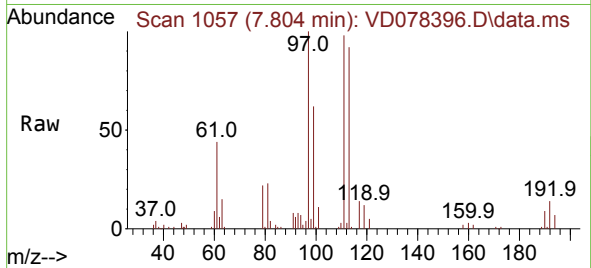




#35
Dibromofluoromethane
Concen: 56.463 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

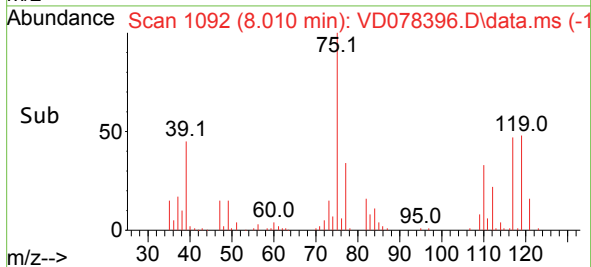
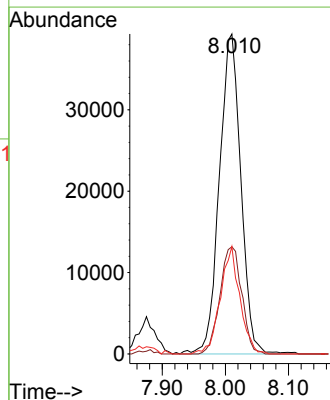
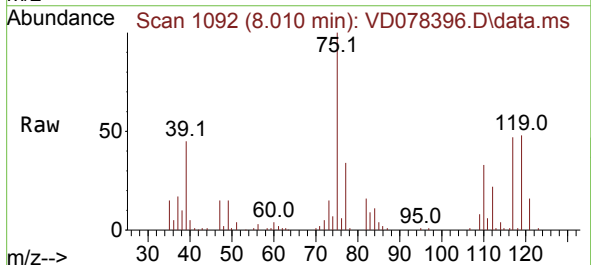
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

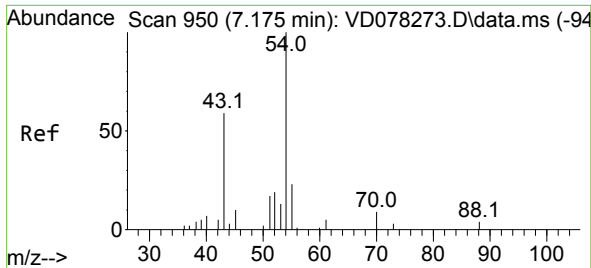
Tgt Ion:113 Resp: 72932
Ion Ratio Lower Upper
113 100
111 100.7 84.7 127.1
192 16.0 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 43.375 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 75 Resp: 92906
Ion Ratio Lower Upper
75 100
110 34.0 19.9 59.6
77 30.6 24.7 37.1



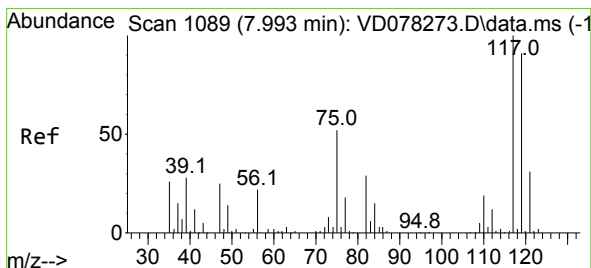
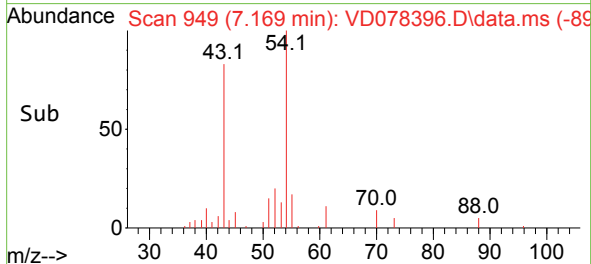
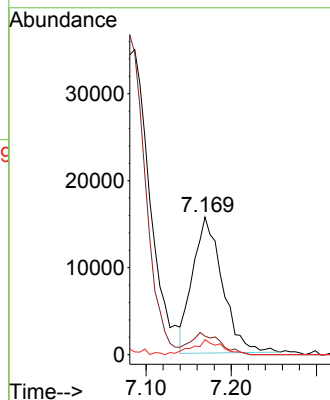
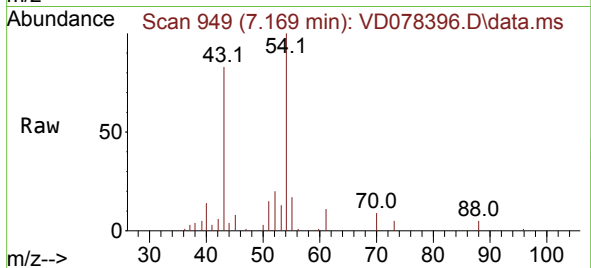


#37
Ethyl Acetate
Concen: 45.949 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 37880

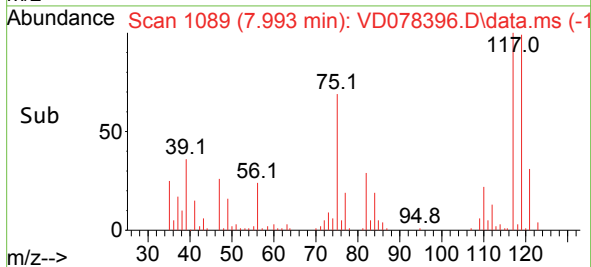
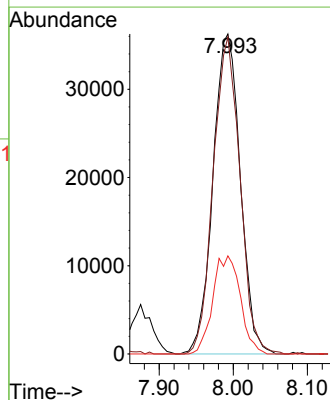
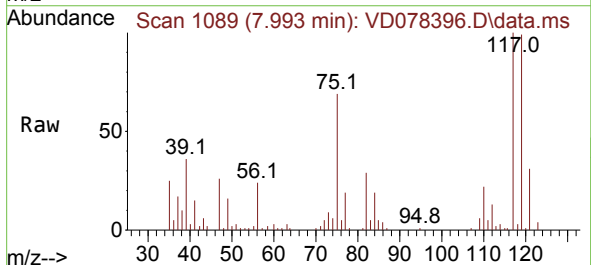
Ion	Ratio	Lower	Upper
43	100		
61	16.0	14.9	22.3
70	10.6	10.0	15.0

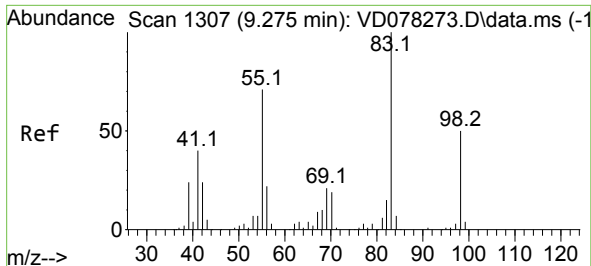


#38
Carbon Tetrachloride
Concen: 44.110 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 117 Resp: 92899

Ion	Ratio	Lower	Upper
117	100		
119	99.0	78.0	117.0
121	30.7	24.2	36.2

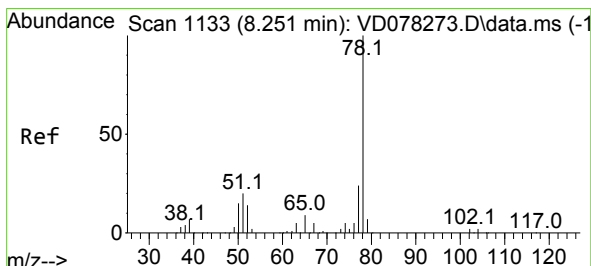
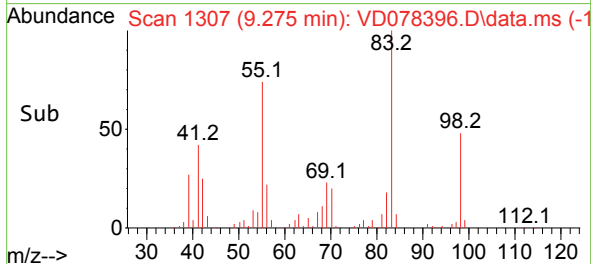
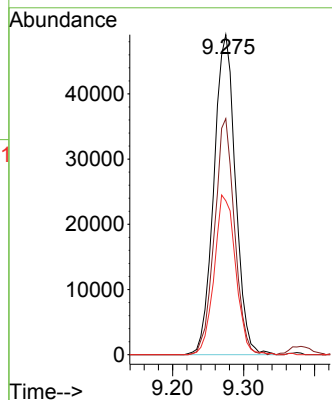
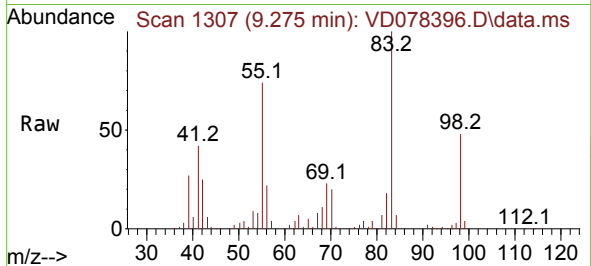




#39
Methylcyclohexane
Concen: 40.751 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

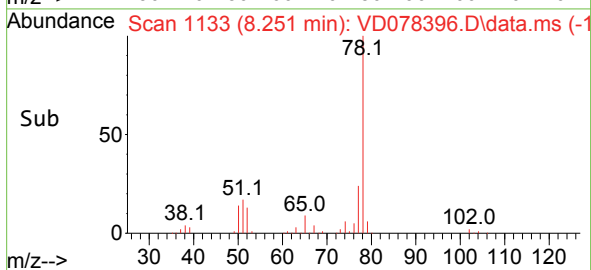
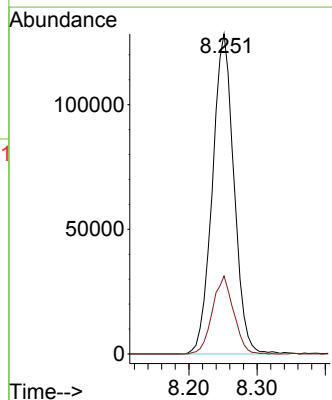
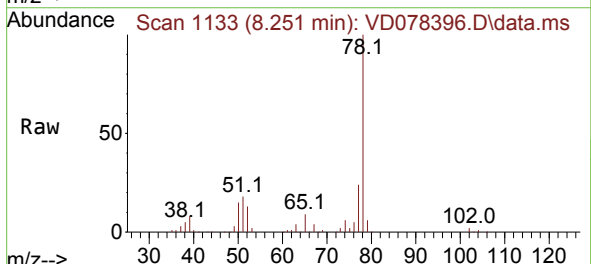
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

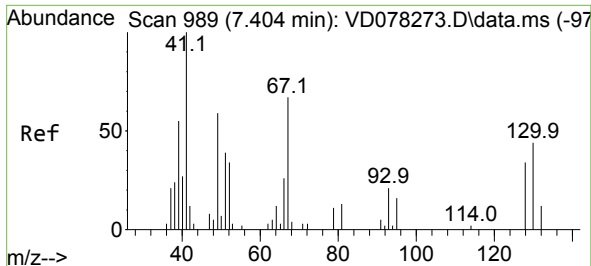
Tgt Ion: 83 Resp: 103199
Ion Ratio Lower Upper
83 100
55 73.7 49.4 74.0
98 48.1 38.4 57.6



#40
Benzene
Concen: 45.225 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 78 Resp: 282645
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

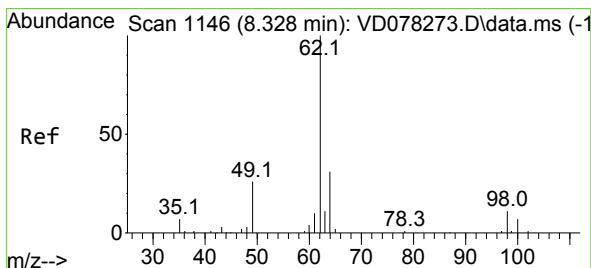
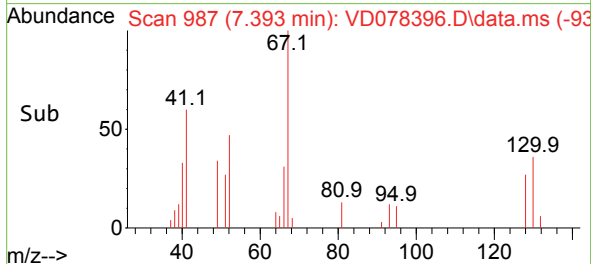
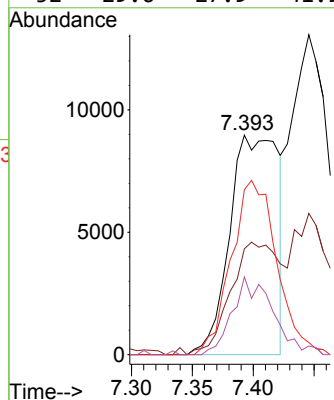
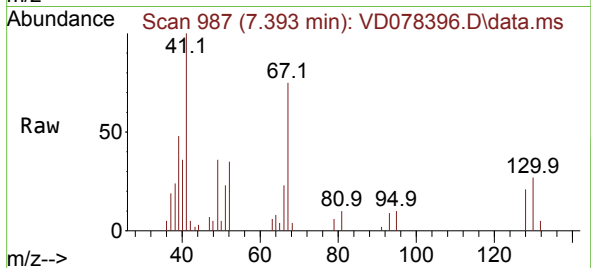




#41
Methacrylonitrile
Concen: 56.096 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

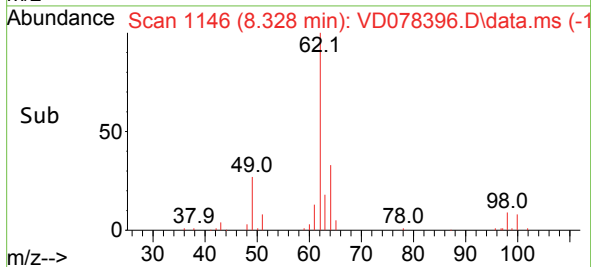
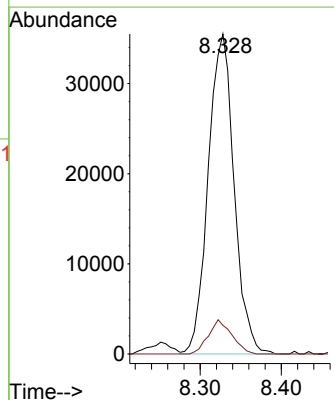
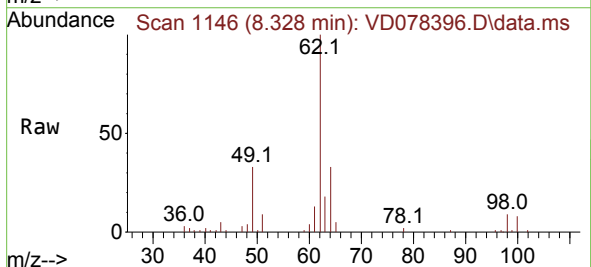
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

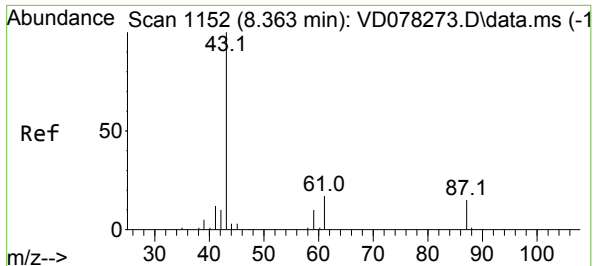
Tgt Ion:	41	Resp:	24862
Ion	Ratio	Lower	Upper
41	100		
39	54.5	34.0	51.0#
67	74.4	77.0	115.4#
52	29.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 48.526 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:	62	Resp:	78658
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	25.4

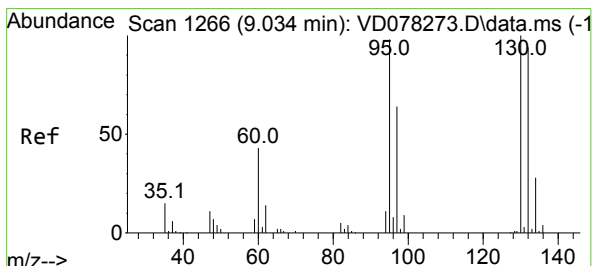
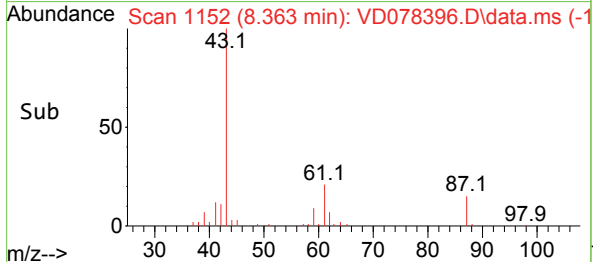
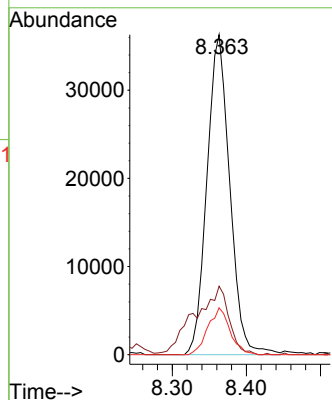
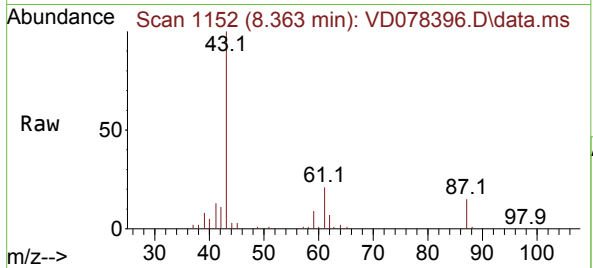




#43
Isopropyl Acetate
Concen: 52.512 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

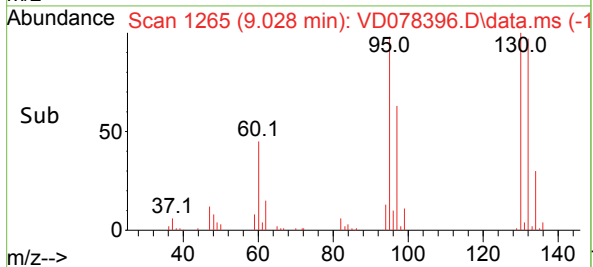
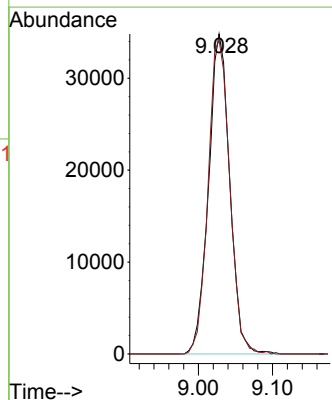
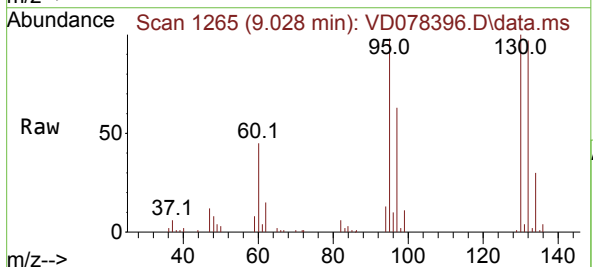
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

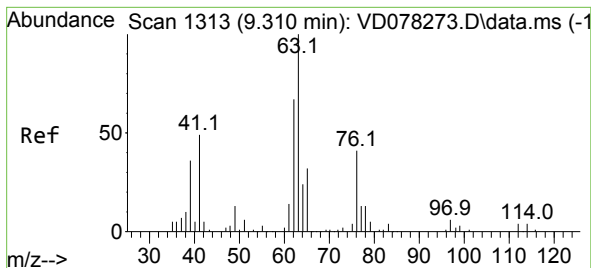
Tgt Ion: 43 Resp: 77618
Ion Ratio Lower Upper
43 100
61 32.0 31.4 47.0
87 14.3 14.9 22.3#



#44
Trichloroethene
Concen: 45.121 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:130 Resp: 69244
Ion Ratio Lower Upper
130 100
95 98.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 45.465 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

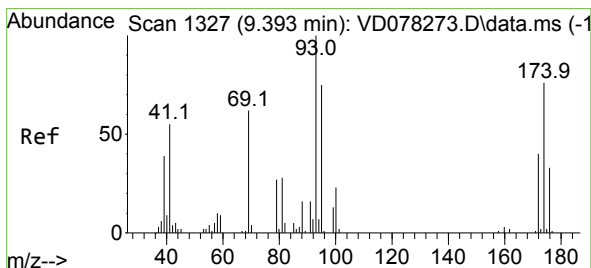
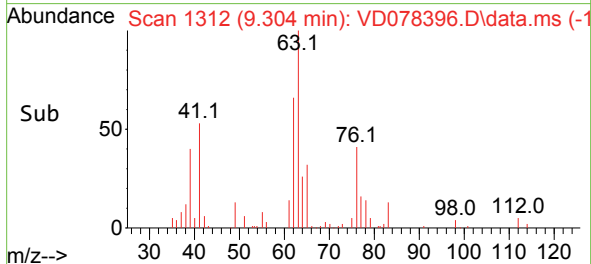
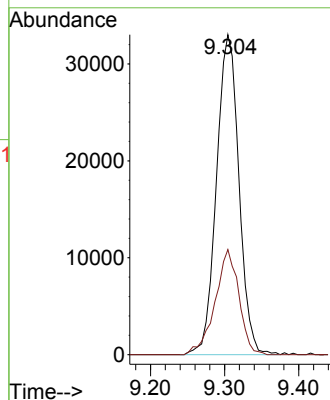
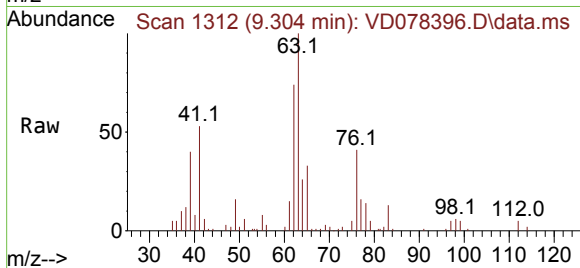
VSTDCCC050EC

Tgt Ion: 63 Resp: 69473

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 48.967 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

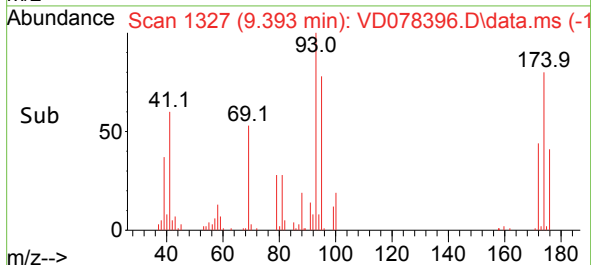
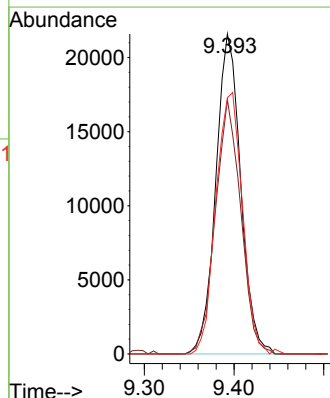
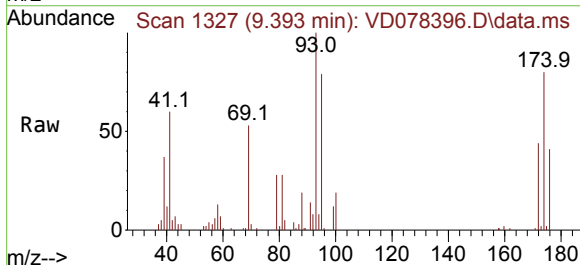
Tgt Ion: 93 Resp: 41515

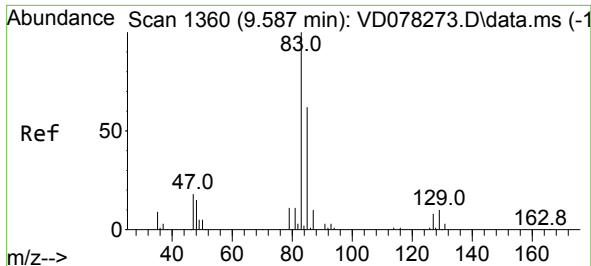
Ion Ratio Lower Upper

93 100

95 81.3 67.7 101.5

174 87.6 85.4 128.2

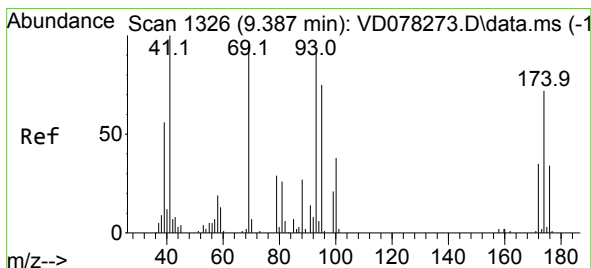
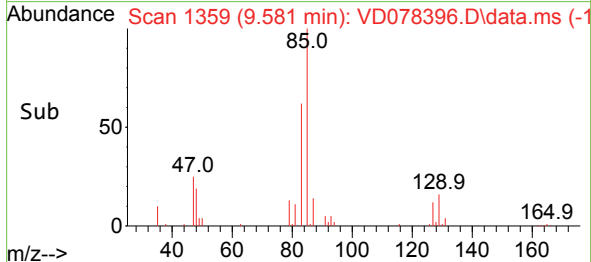
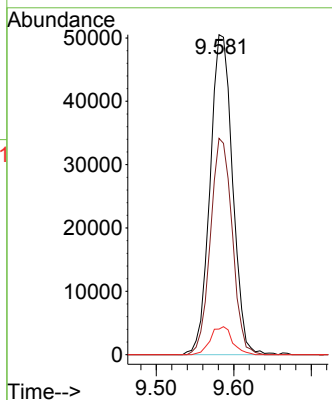
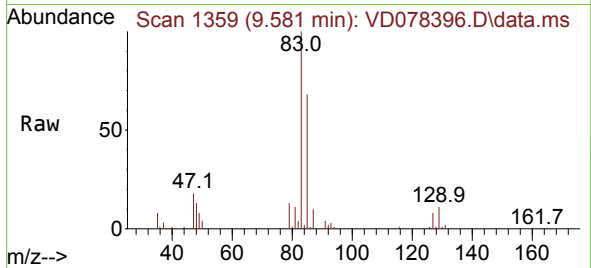




#47
Bromodichloromethane
Concen: 48.863 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

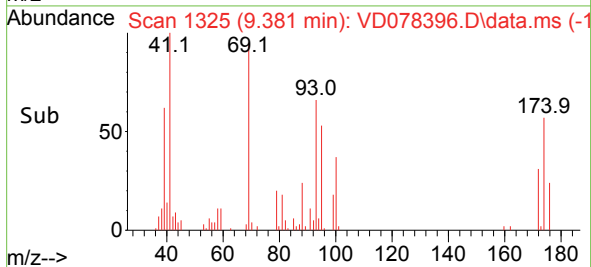
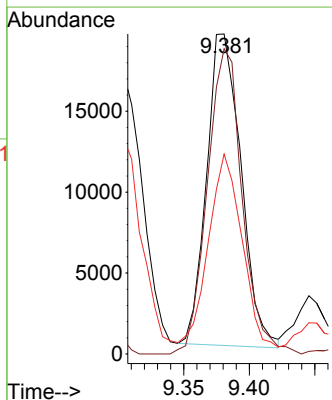
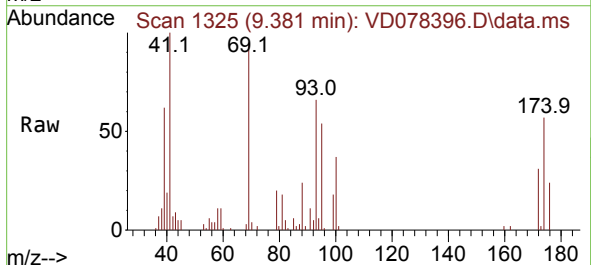
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

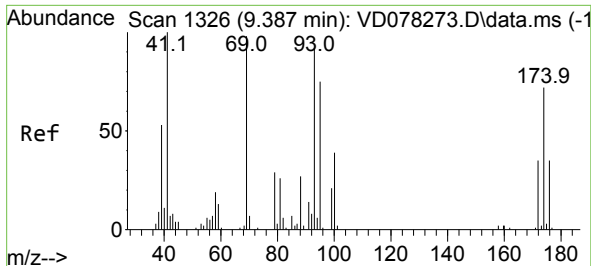
Tgt Ion: 83 Resp: 101925
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 49.704 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 41 Resp: 35107
Ion Ratio Lower Upper
41 100
69 99.5 102.2 153.2#
39 60.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1071.445 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

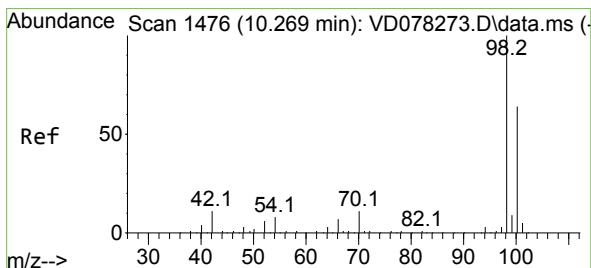
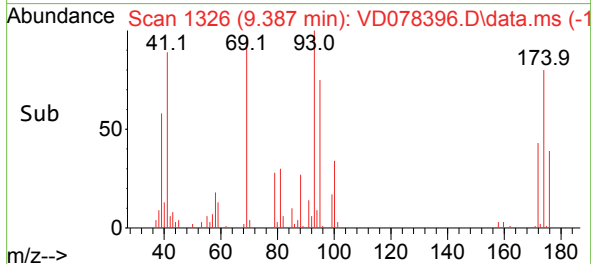
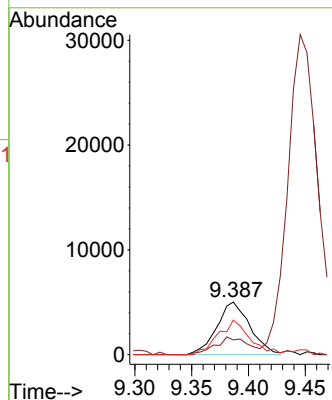
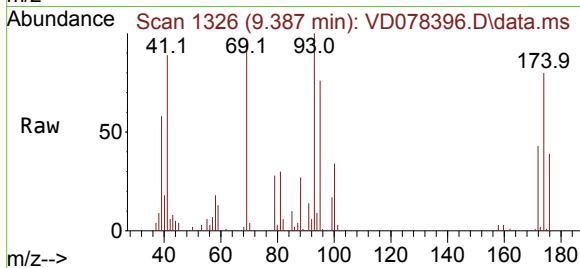
Tgt Ion: 88 Resp: 10190

Ion Ratio Lower Upper

88 100

43 33.4 19.0 28.6#

58 62.4 43.5 65.3



#50

Toluene-d8

Concen: 52.737 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078396.D

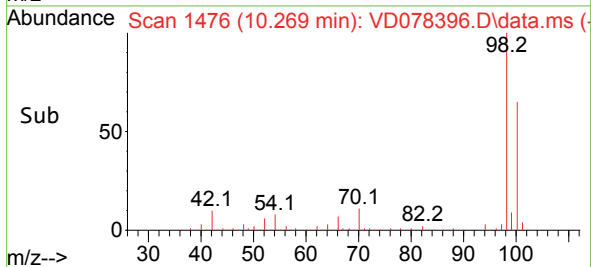
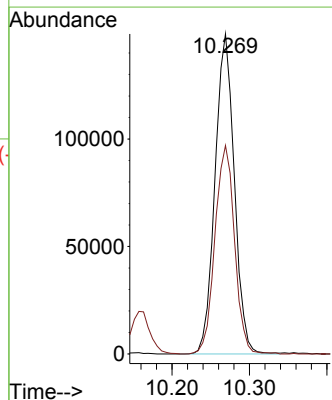
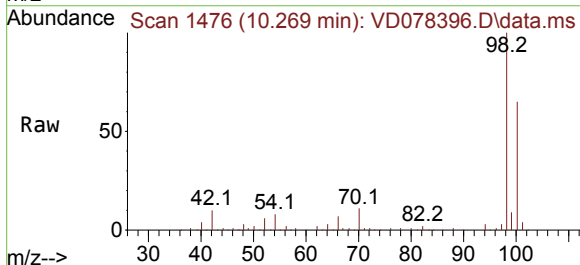
Acq: 09 Feb 2024 20:15

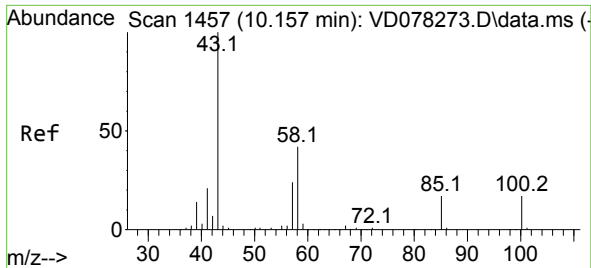
Tgt Ion: 98 Resp: 257905

Ion Ratio Lower Upper

98 100

100 66.2 50.3 75.5

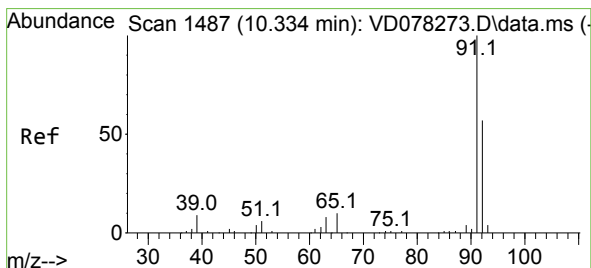
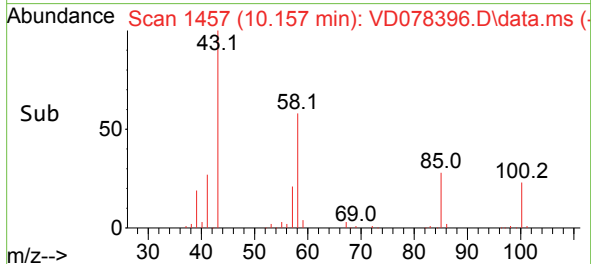
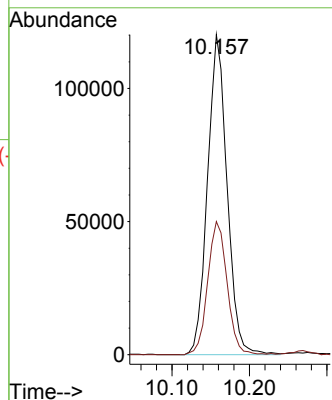
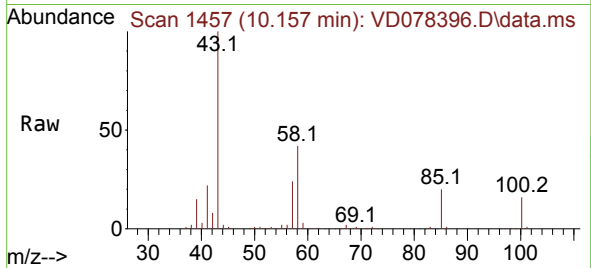




#51
4-Methyl-2-Pentanone
Concen: 263.252 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

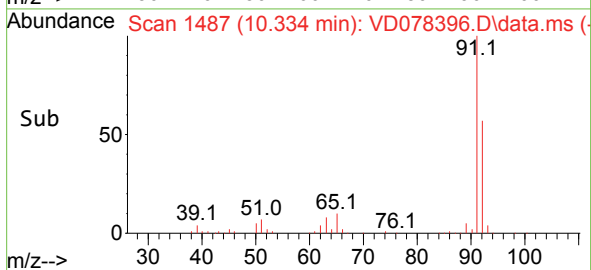
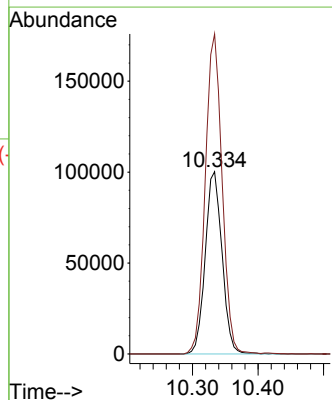
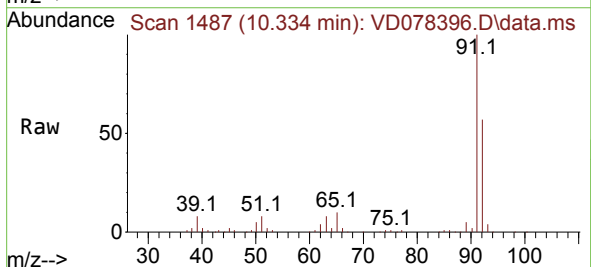
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

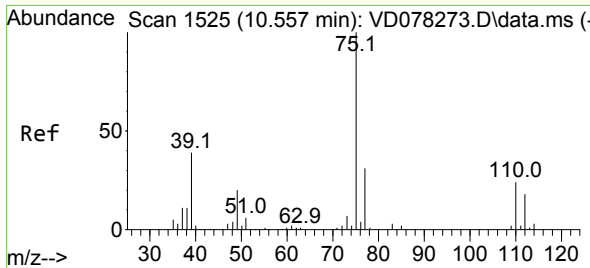
Tgt Ion: 43 Resp: 210498
Ion Ratio Lower Upper
43 100
58 41.3 38.9 58.3



#52
Toluene
Concen: 47.179 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 92 Resp: 178848
Ion Ratio Lower Upper
92 100
91 175.4 143.0 214.4

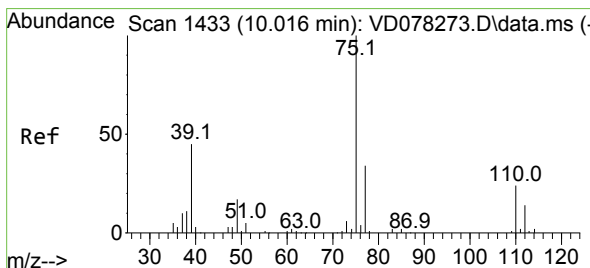
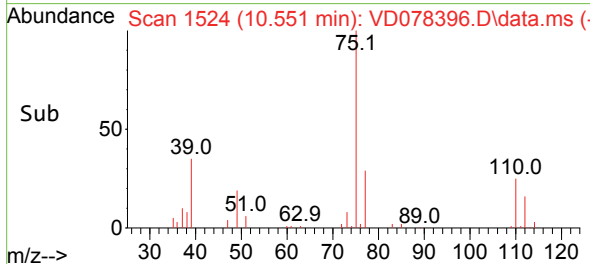
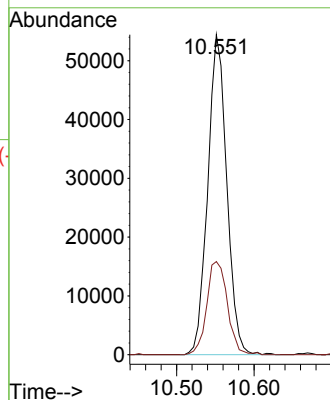
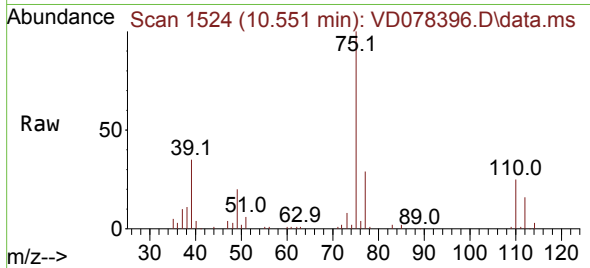




#53
t-1,3-Dichloropropene
Concen: 47.577 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

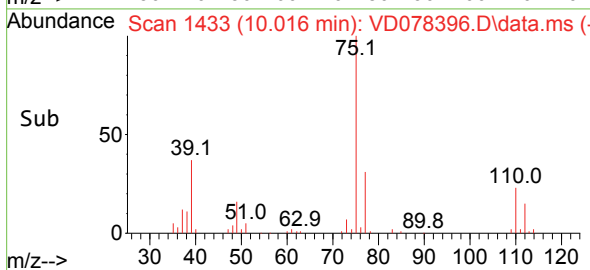
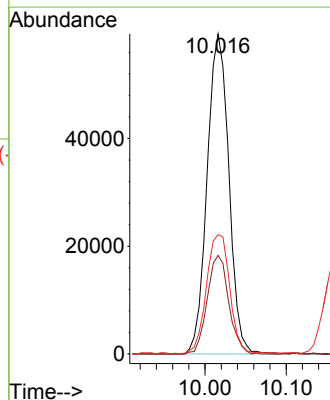
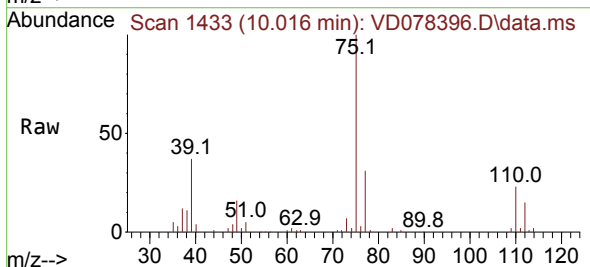
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

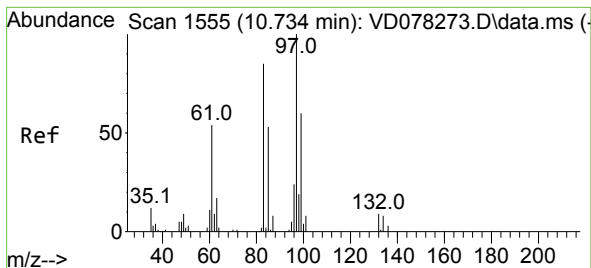
Tgt Ion: 75 Resp: 92697
Ion Ratio Lower Upper
75 100
77 29.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 47.816 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 75 Resp: 110293
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3
39 37.3 22.1 33.1#

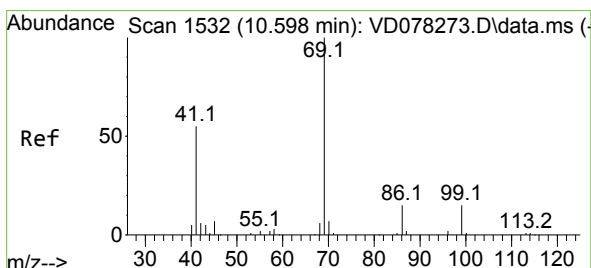
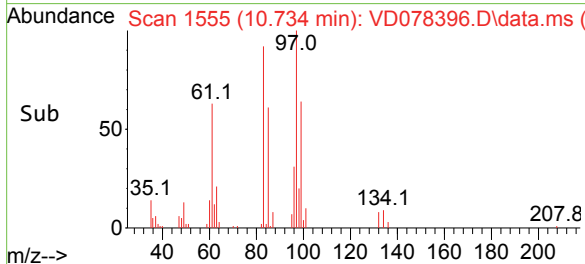
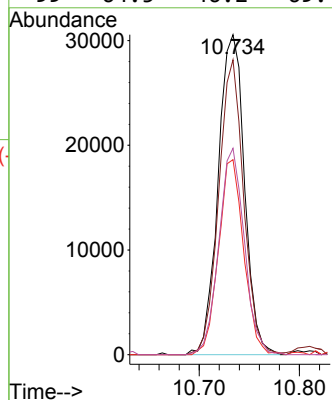
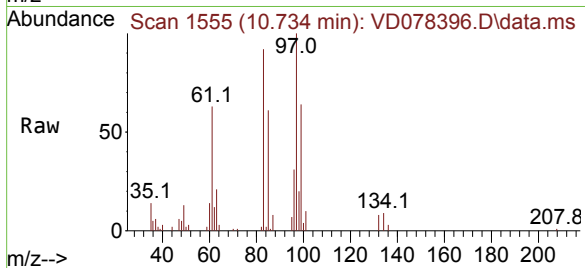




#55
1,1,2-Trichloroethane
Concen: 50.289 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

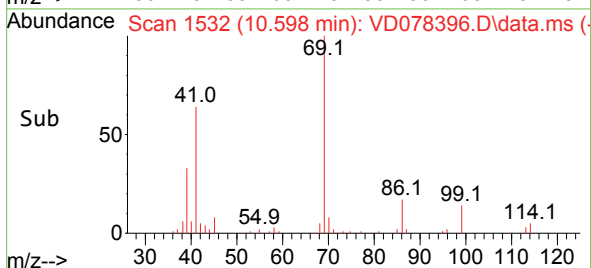
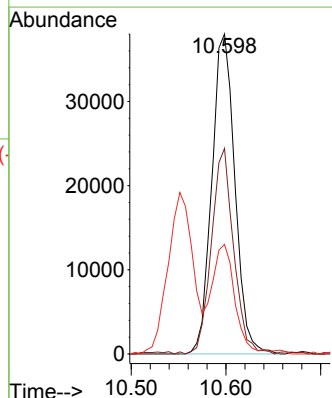
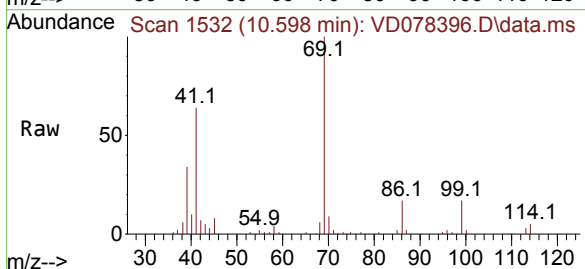
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

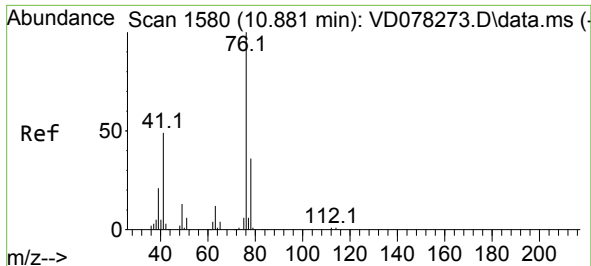
Tgt Ion:	97	Resp:	55638
Ion	Ratio	Lower	Upper
97	100		
83	92.2	65.8	98.6
85	61.0	45.7	68.5
99	64.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 51.310 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:	69	Resp:	64389
Ion	Ratio	Lower	Upper
69	100		
41	61.8	39.1	58.7#
39	35.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 49.139 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

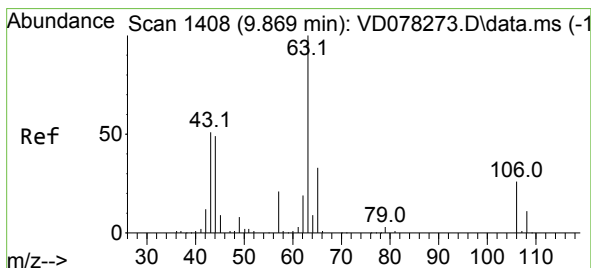
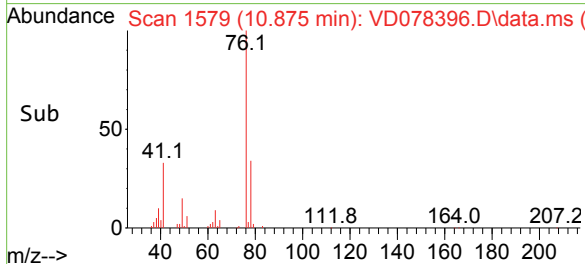
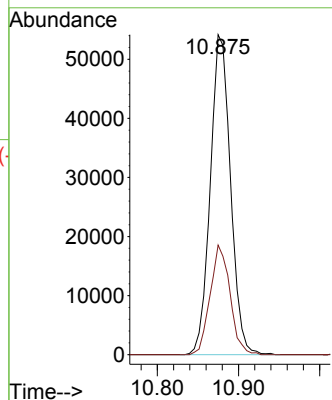
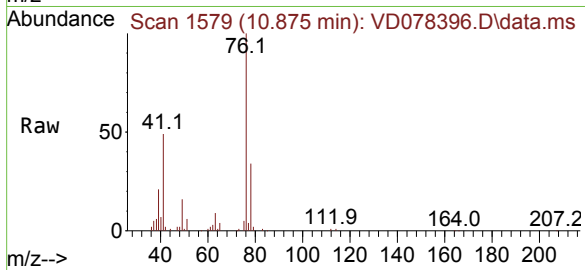
VSTDCCC050EC

Tgt Ion: 76 Resp: 93742

Ion Ratio Lower Upper

76 100

78 33.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 304.270 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078396.D

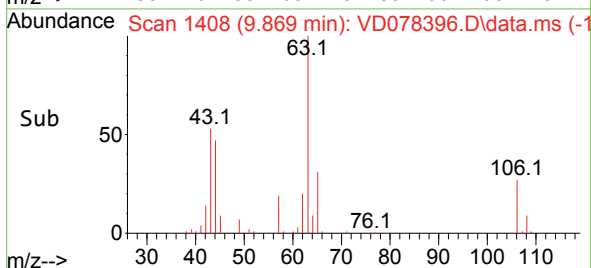
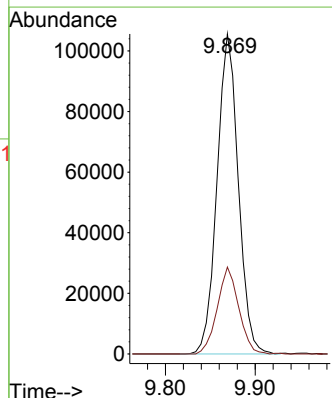
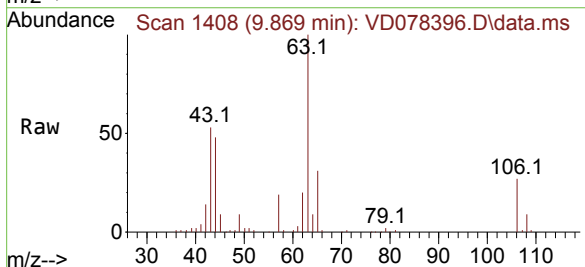
Acq: 09 Feb 2024 20:15

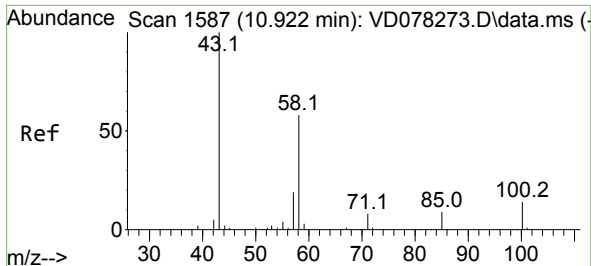
Tgt Ion: 63 Resp: 173641

Ion Ratio Lower Upper

63 100

106 27.4 25.3 37.9

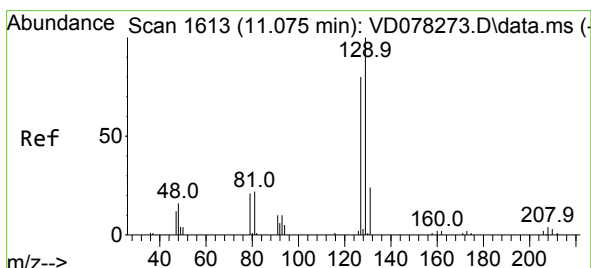
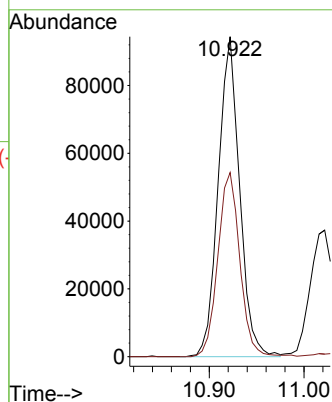
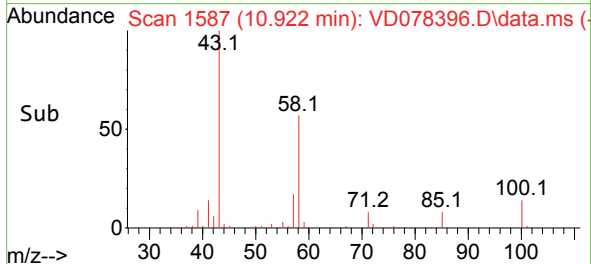
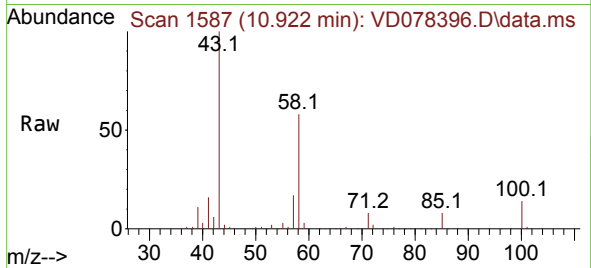




#59
2-Hexanone
Concen: 245.932 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

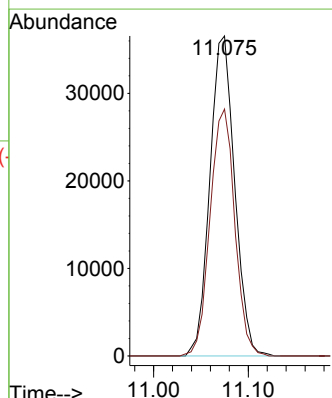
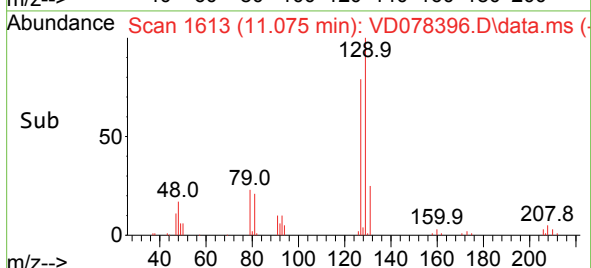
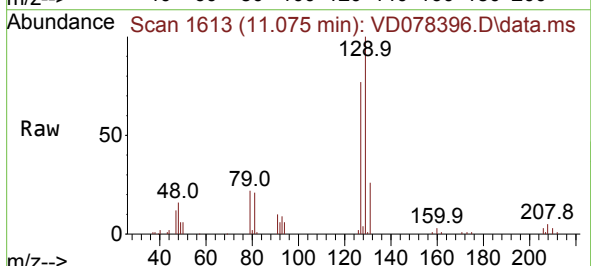
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

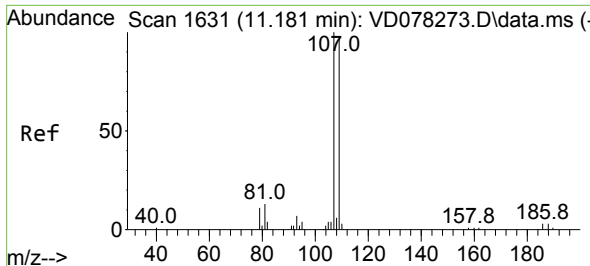
Tgt Ion: 43 Resp: 148102
Ion Ratio Lower Upper
43 100
58 59.2 34.1 102.2



#60
Dibromochloromethane
Concen: 51.703 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 129 Resp: 66403
Ion Ratio Lower Upper
129 100
127 76.8 37.1 111.5

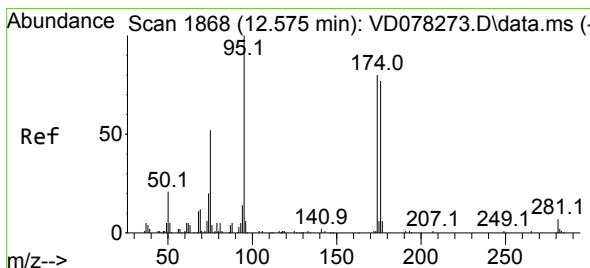
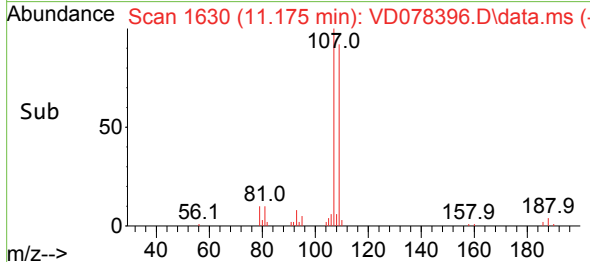
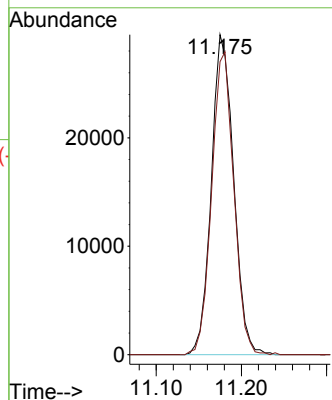
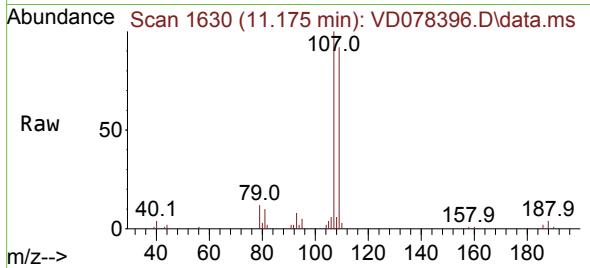




#61
1,2-Dibromoethane
Concen: 51.364 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

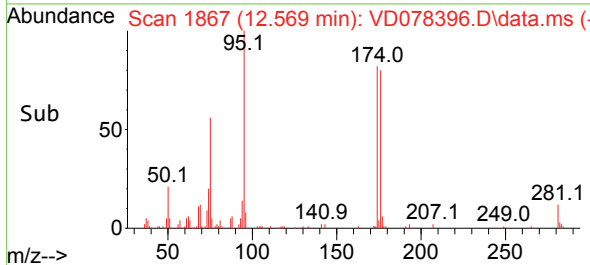
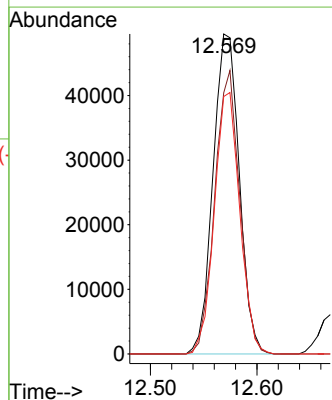
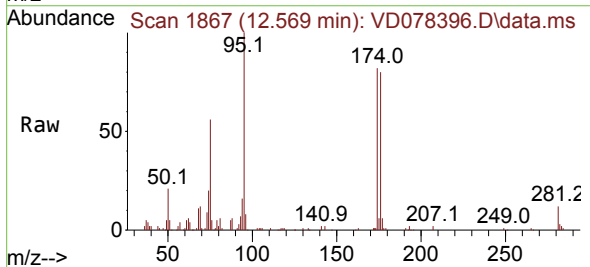
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

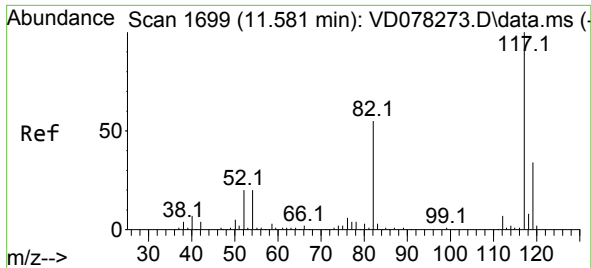
Tgt Ion:107 Resp: 53653
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.862 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 95 Resp: 84741
Ion Ratio Lower Upper
95 100
174 84.2 0.0 201.8
176 79.4 0.0 191.8

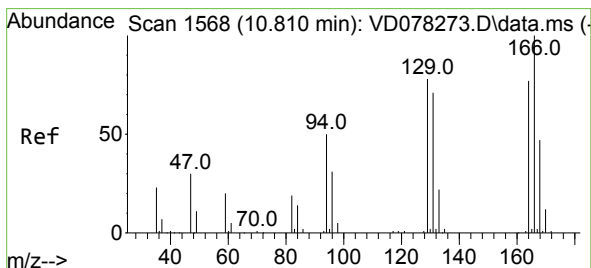
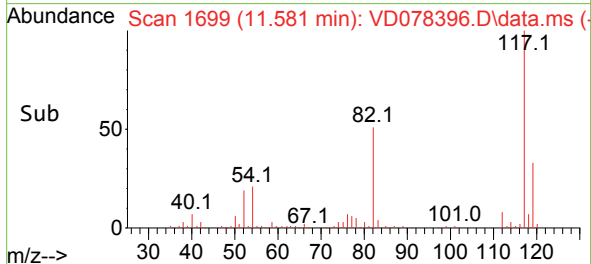
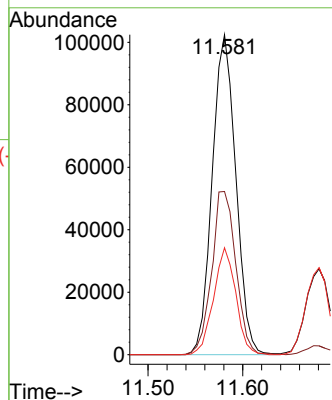
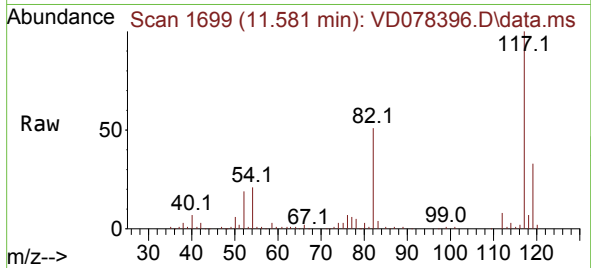




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117823
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

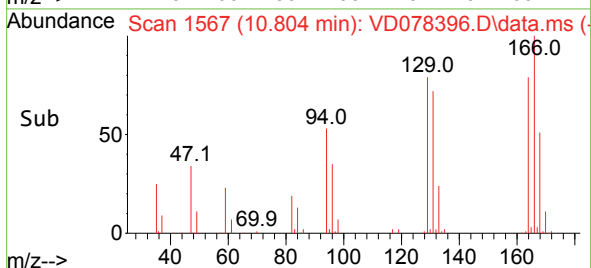
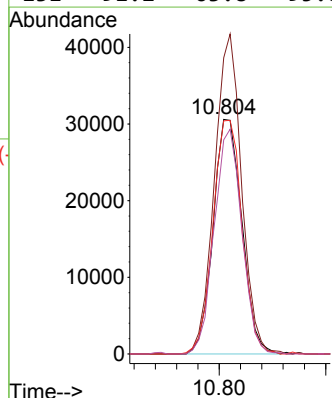
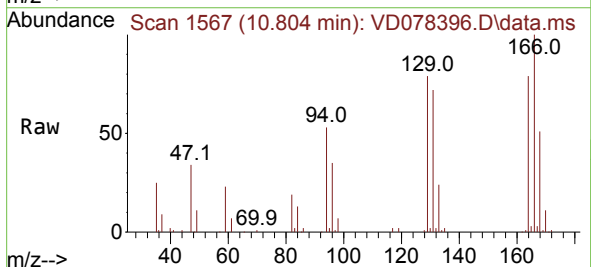
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

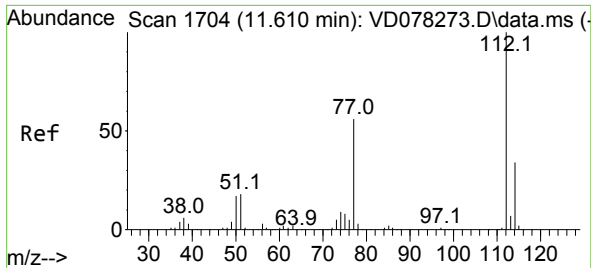
Tgt Ion:	117	Resp:	177823
Ion	Ratio	Lower	Upper
117	100		
82	51.0	38.3	57.5
119	33.4	25.0	37.4



#64
Tetrachloroethene
Concen: 46.103 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:	164	Resp:	57180
Ion	Ratio	Lower	Upper
164	100		
166	126.3	99.2	148.8
129	99.4	68.4	102.6
131	91.2	63.8	95.8

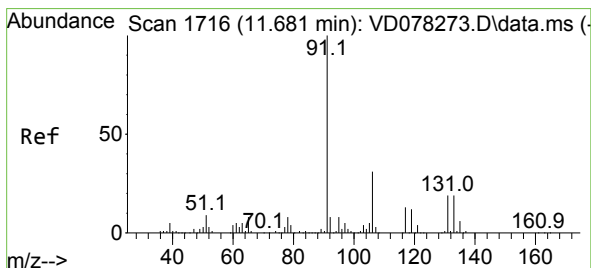
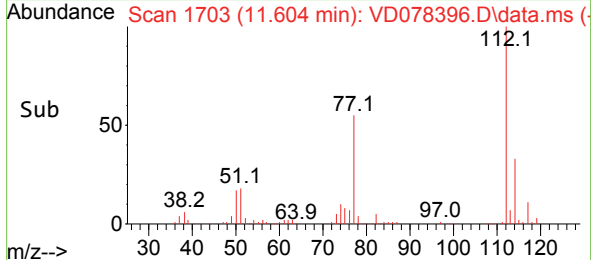
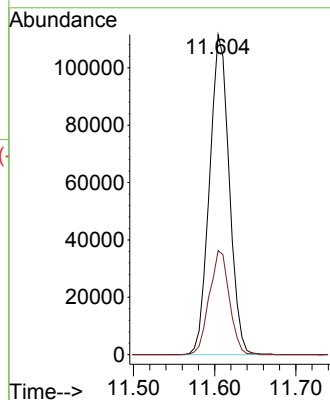
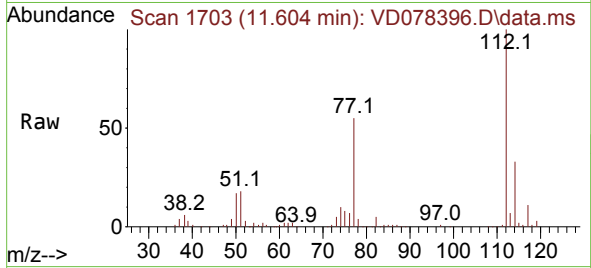




#65
Chlorobenzene
Concen: 44.143 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

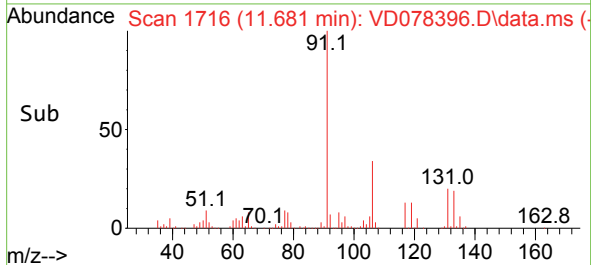
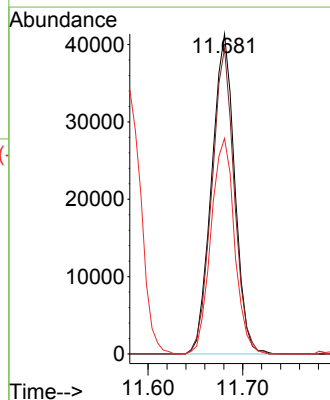
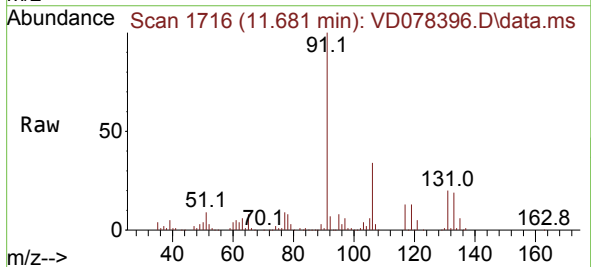
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

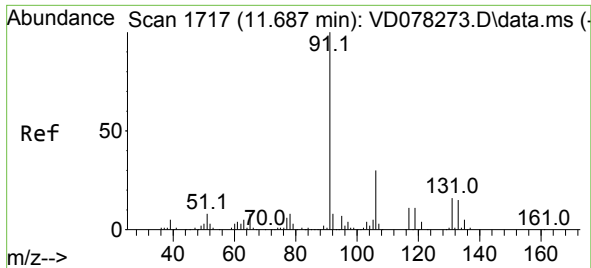
Tgt Ion:112 Resp: 187798
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.042 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:131 Resp: 69740
Ion Ratio Lower Upper
131 100
133 93.5 48.5 145.5
119 68.8 35.6 106.9

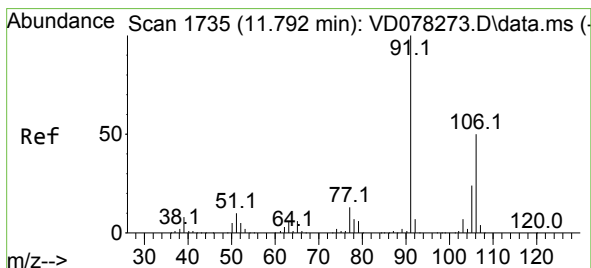
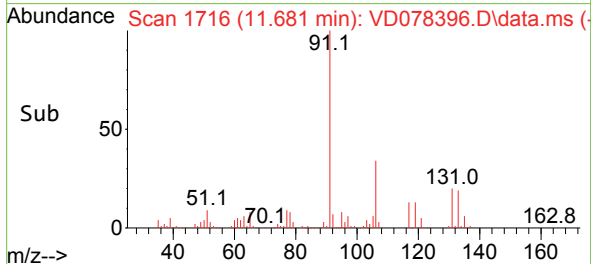
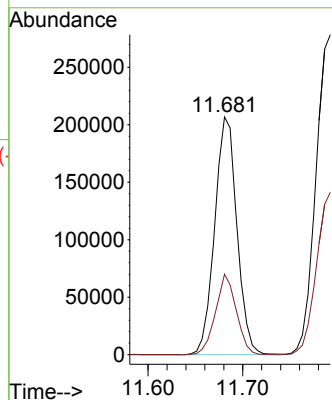
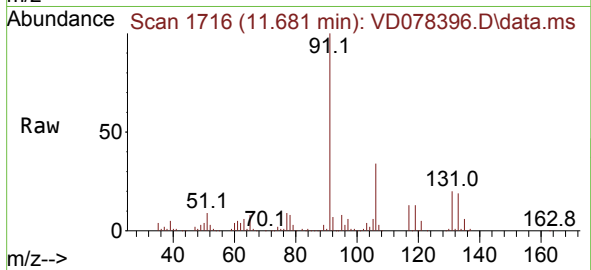




#67
Ethyl Benzene
Concen: 43.732 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

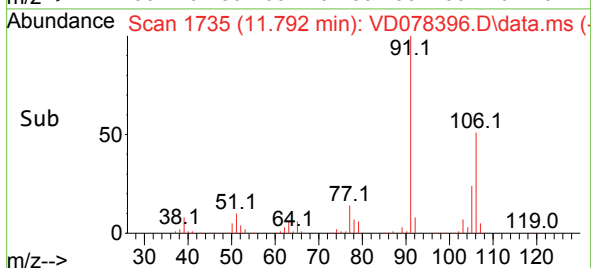
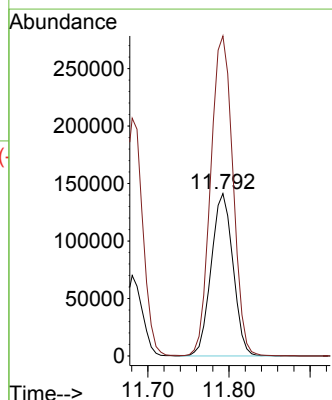
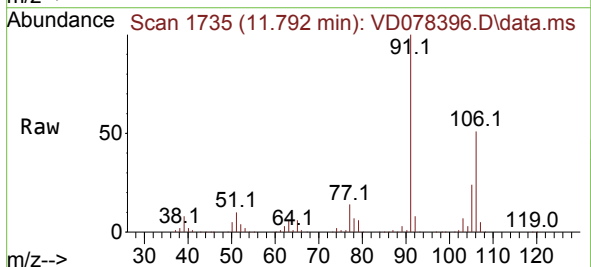
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

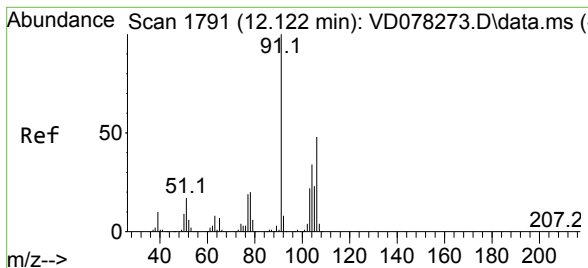
Tgt Ion: 91 Resp: 337004
Ion Ratio Lower Upper
91 100
106 33.9 26.5 39.7



#68
m/p-Xylenes
Concen: 88.894 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:106 Resp: 263550
Ion Ratio Lower Upper
106 100
91 201.4 147.0 220.6

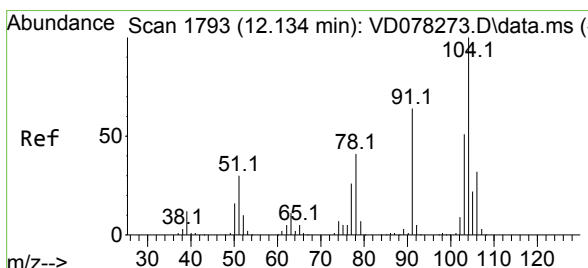
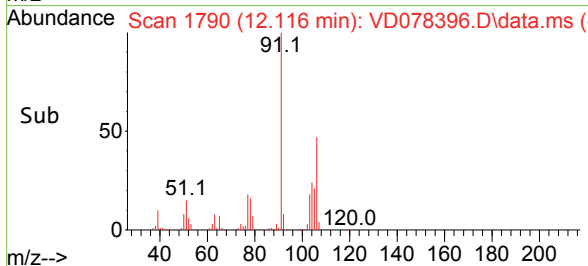
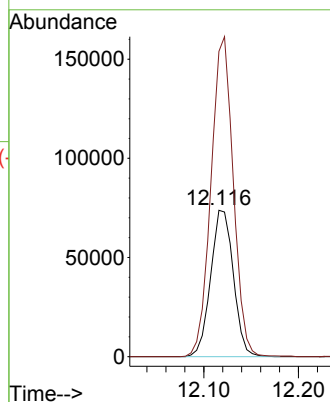
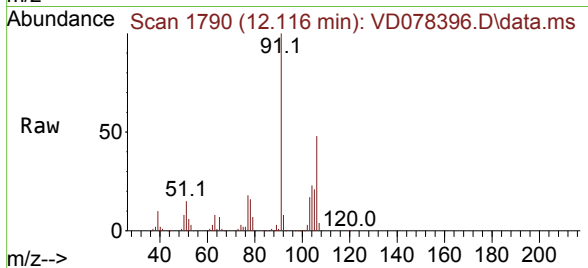




#69
o-Xylene
Concen: 45.139 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

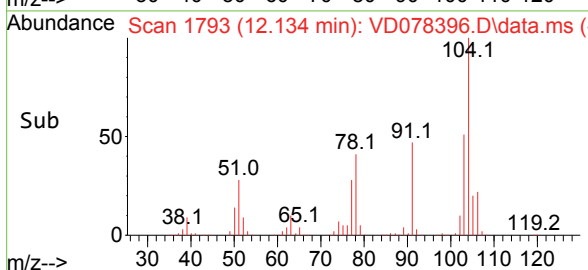
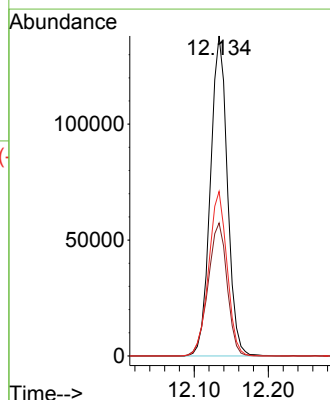
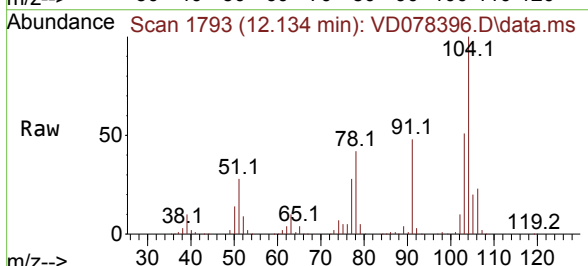
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

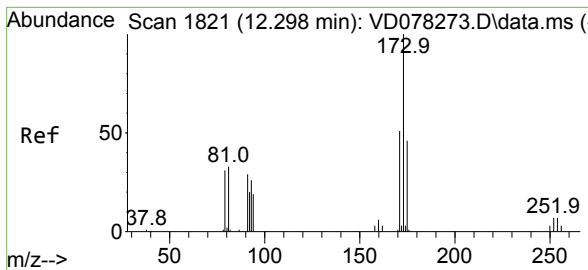
Tgt Ion:106 Resp: 122986
Ion Ratio Lower Upper
106 100
91 214.7 97.9 293.6



#70
Styrene
Concen: 47.381 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:104 Resp: 220465
Ion Ratio Lower Upper
104 100
78 46.3 33.2 49.8
103 55.4 43.6 65.4

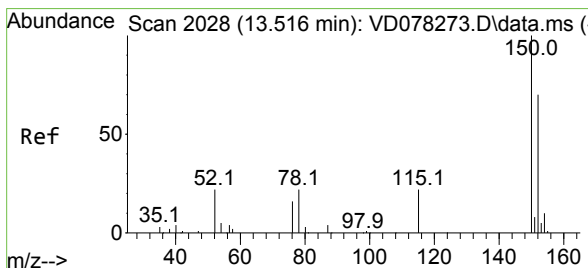
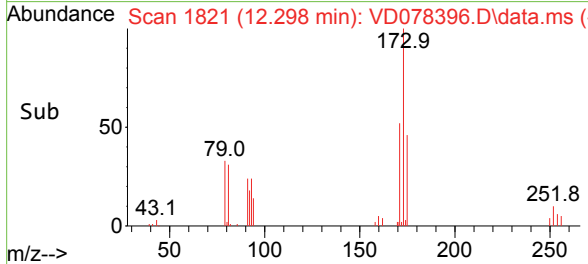
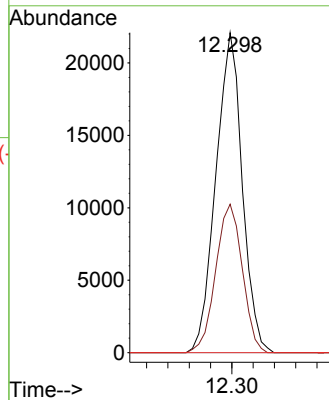
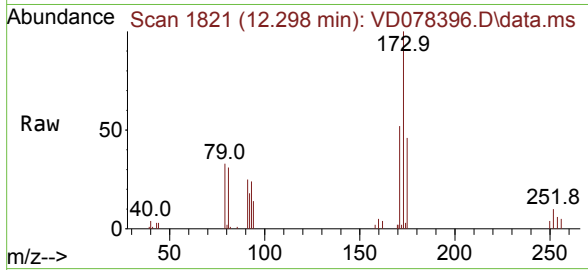




#71
Bromoform
Concen: 50.858 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

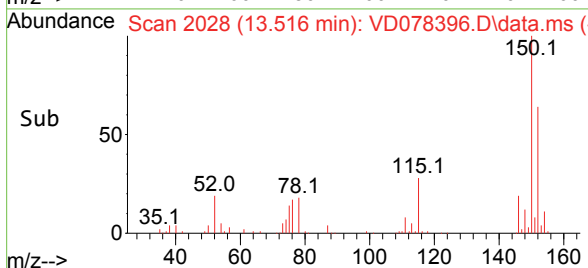
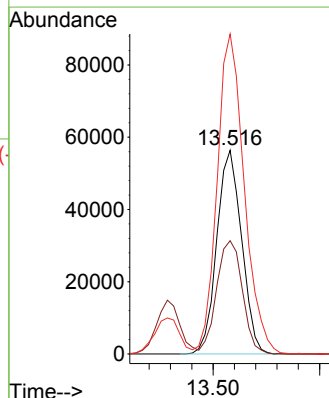
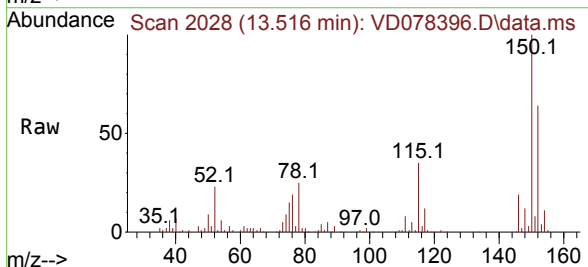
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

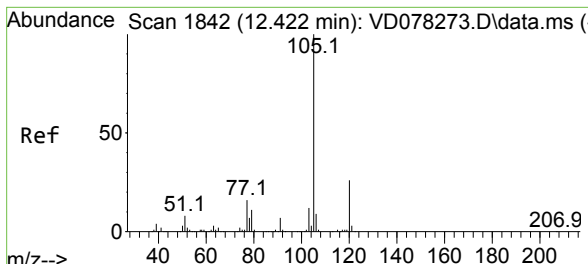
Tgt Ion:	173	Resp:	37940
Ion Ratio	Lower	Upper	
173	100		
175	46.8	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:	152	Resp:	91191
Ion Ratio	Lower	Upper	
152	100		
115	57.6	27.1	81.3
150	171.4	0.0	353.6

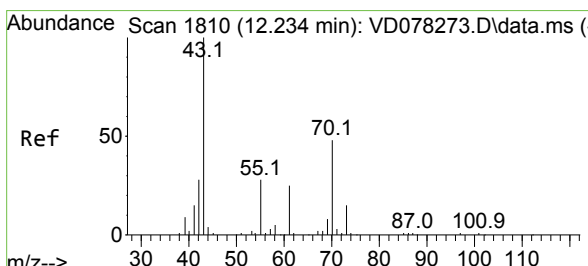
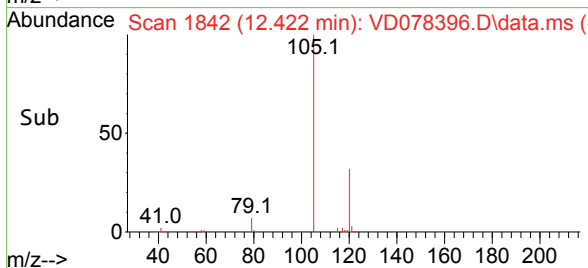
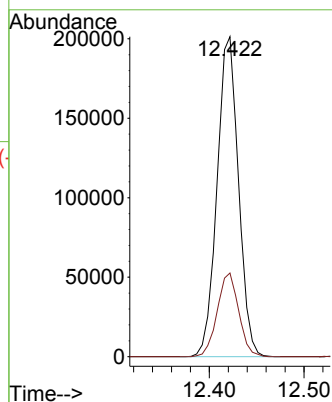
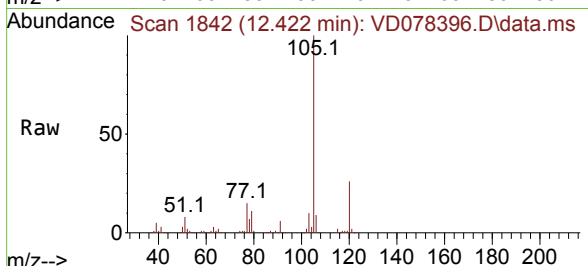




#73
Isopropylbenzene
Concen: 40.994 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

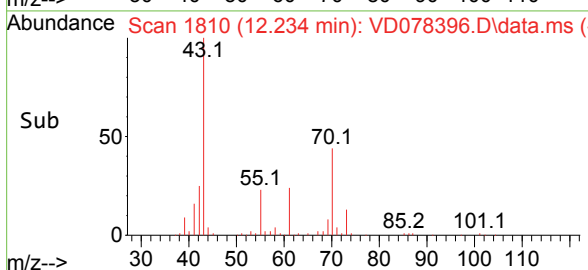
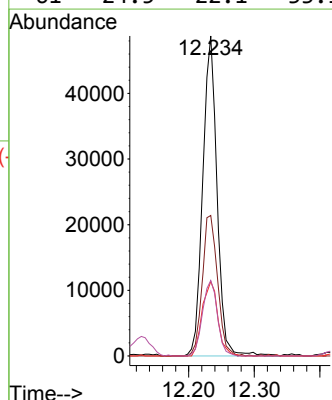
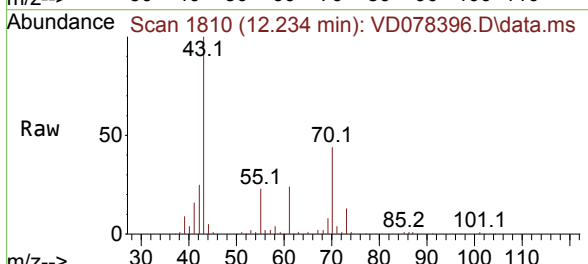
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

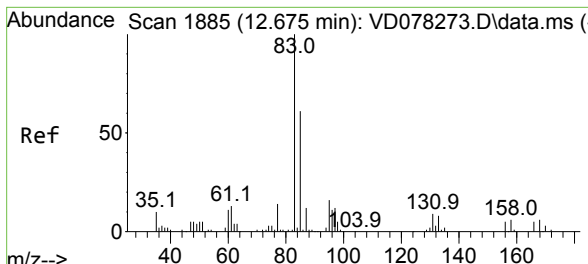
Tgt Ion:105 Resp: 316291
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 46.450 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 43 Resp: 74122
Ion Ratio Lower Upper
43 100
70 46.9 45.0 67.4
55 25.3 23.8 35.6
61 24.5 22.1 33.1

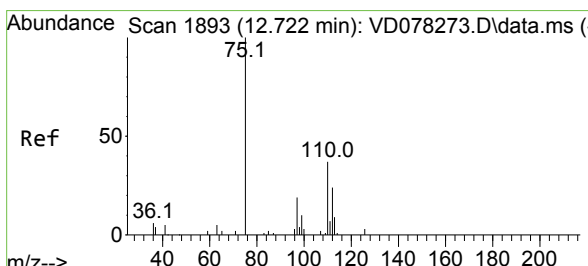
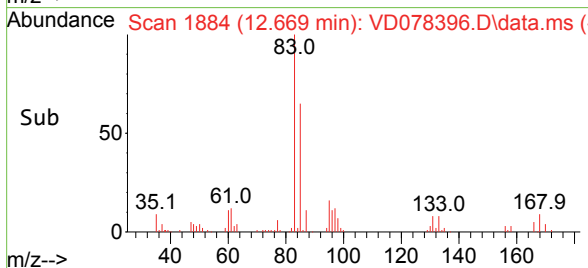
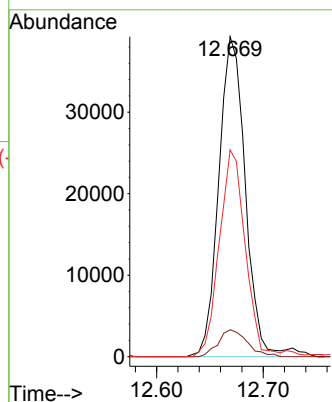
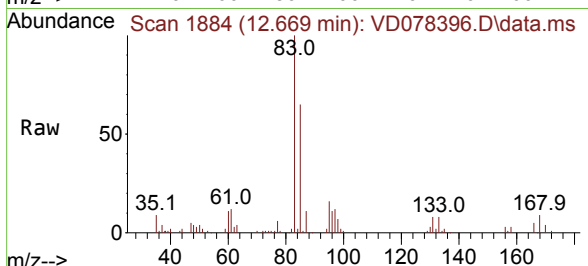




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.091 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.006 min
 Lab File: VD078396.D
 Acq: 09 Feb 2024 20:15

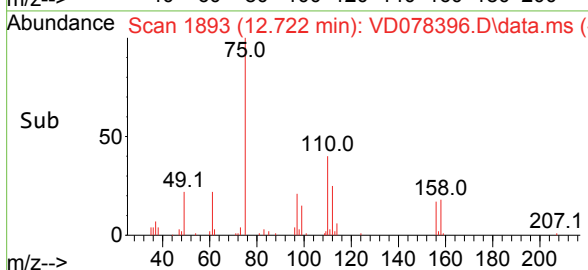
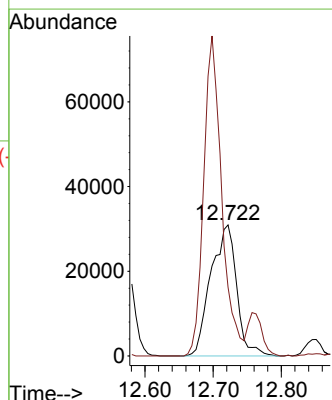
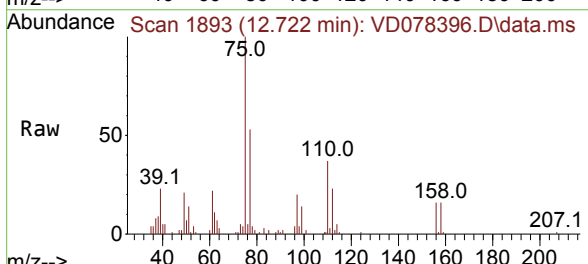
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

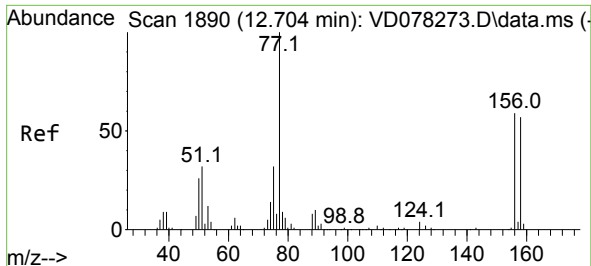
Tgt Ion: 83 Resp: 67185
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 63.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 85.554 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078396.D
 Acq: 09 Feb 2024 20:15

Tgt Ion: 75 Resp: 81543
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

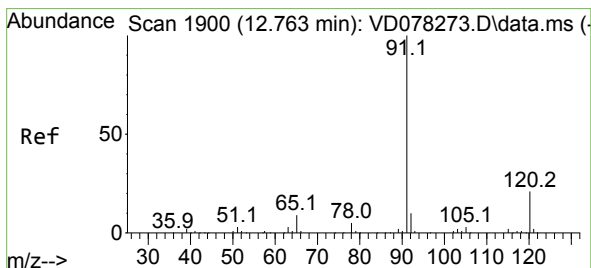
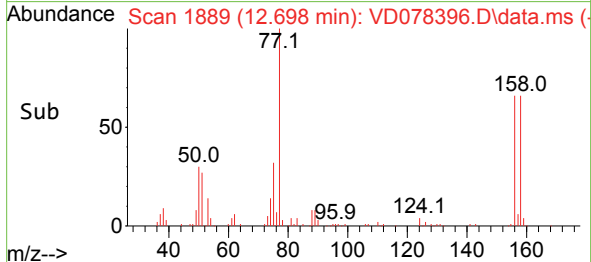
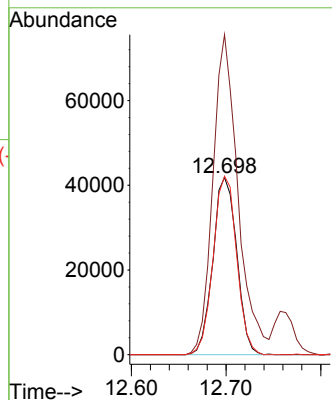
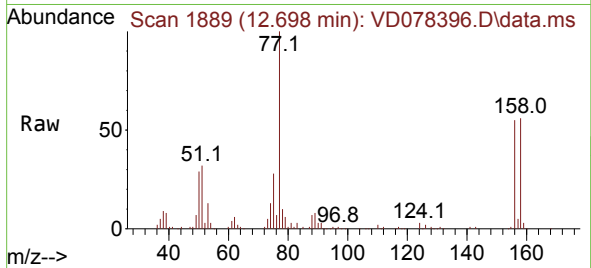




#77
Bromobenzene
Concen: 43.085 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

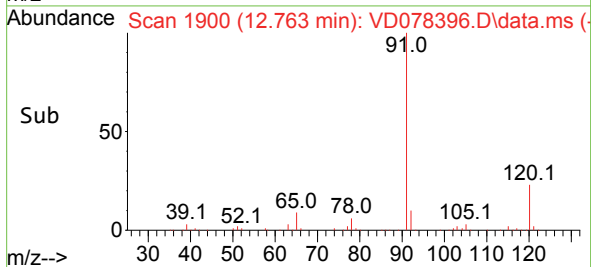
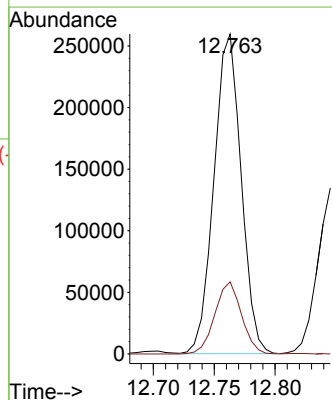
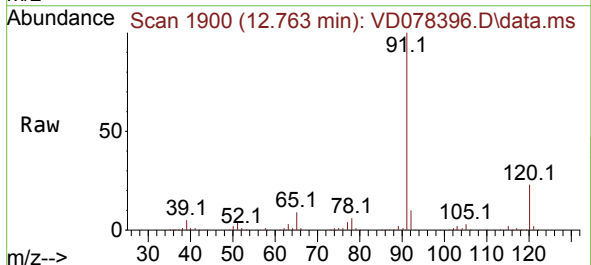
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

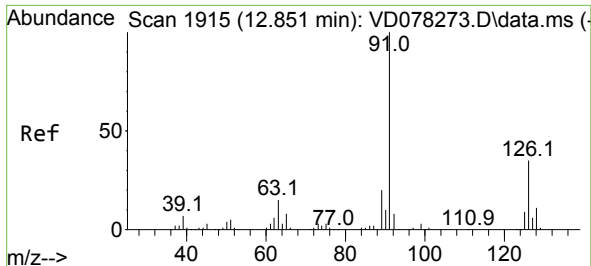
Tgt Ion:156 Resp: 73154
Ion Ratio Lower Upper
156 100
77 190.5 76.8 230.4
158 99.5 48.6 145.9



#78
n-propylbenzene
Concen: 41.896 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 91 Resp: 402669
Ion Ratio Lower Upper
91 100
120 22.1 12.4 37.2

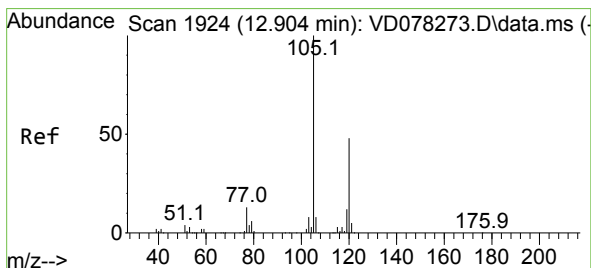
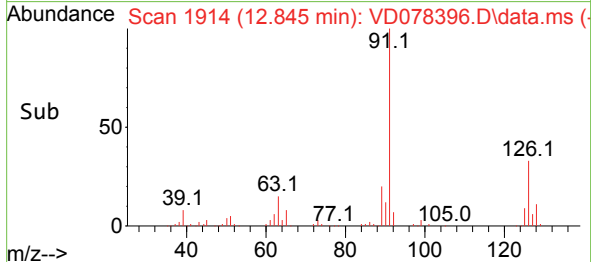
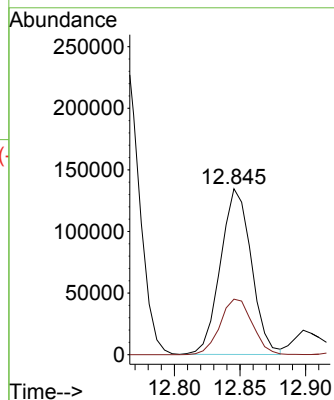
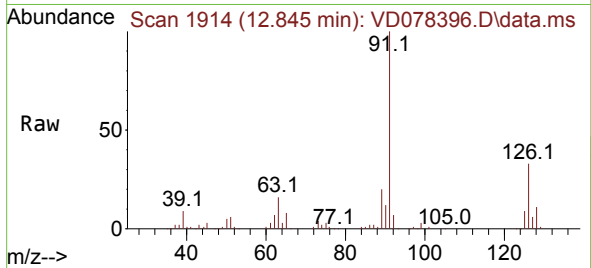




#79
2-Chlorotoluene
Concen: 42.874 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

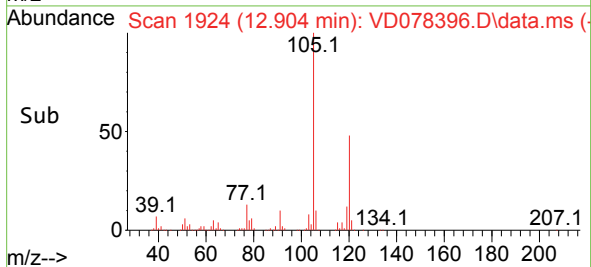
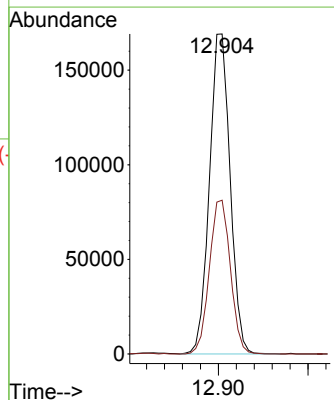
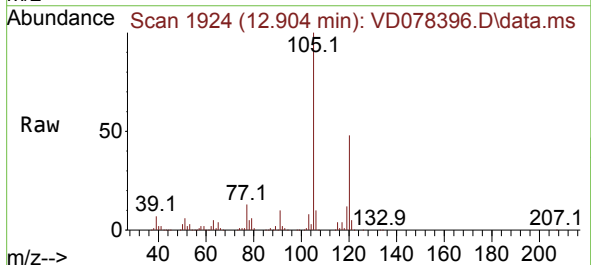
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

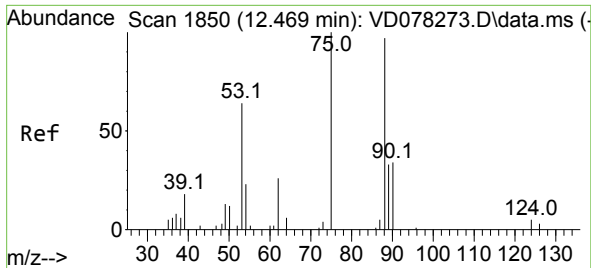
Tgt Ion: 91 Resp: 220585
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 43.117 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 105 Resp: 270633
Ion Ratio Lower Upper
105 100
120 48.8 26.4 79.2

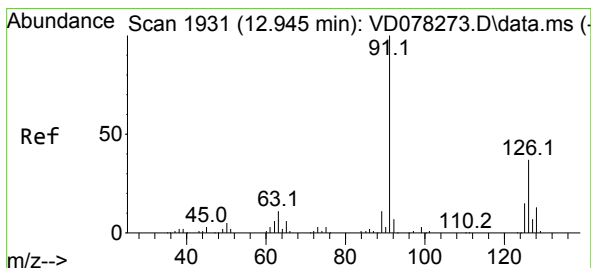
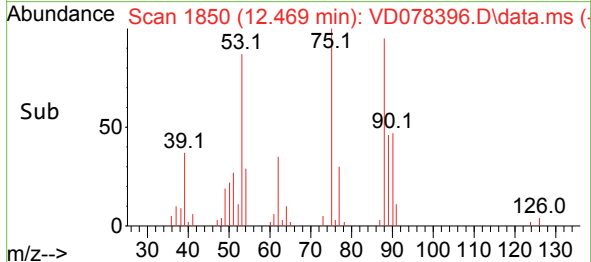
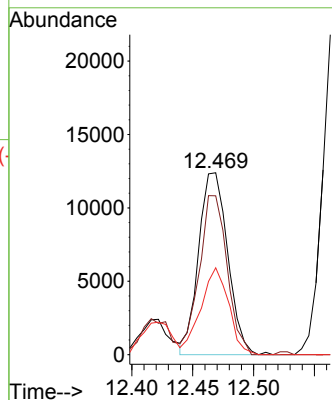
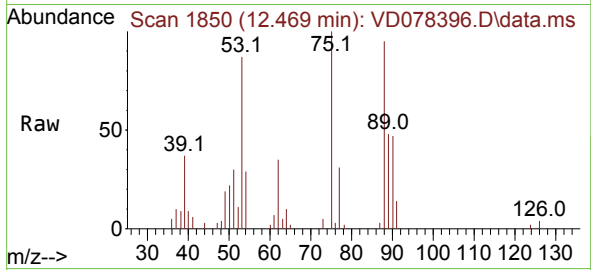




#81
trans-1,4-Dichloro-2-butene
Concen: 43.064 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

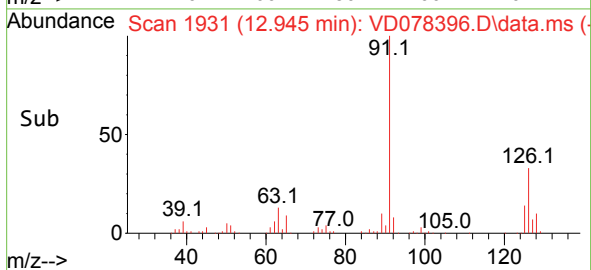
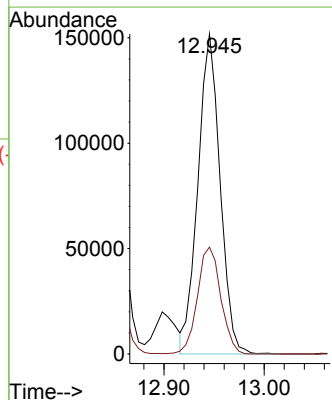
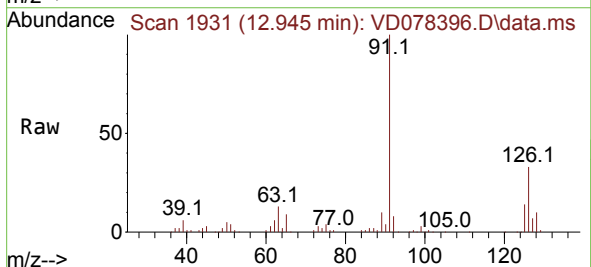
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

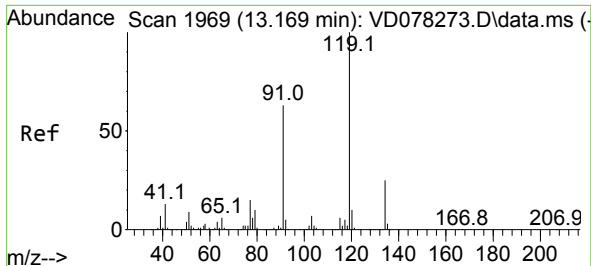
Tgt Ion: 75 Resp: 20638
Ion Ratio Lower Upper
75 100
53 83.5 63.0 94.4
89 45.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 42.585 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 91 Resp: 233582
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.4

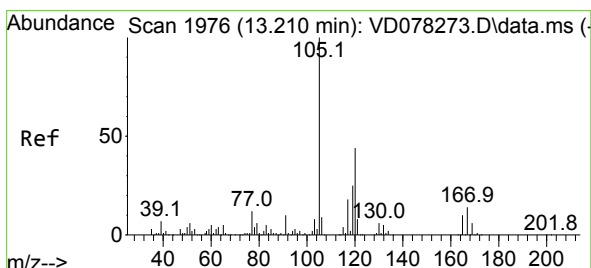
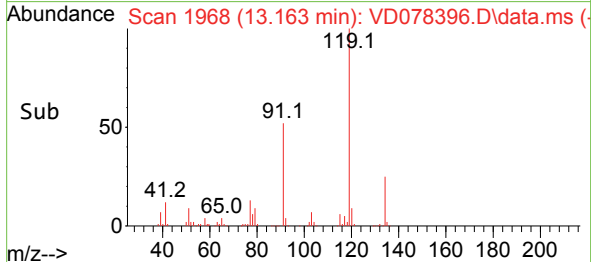
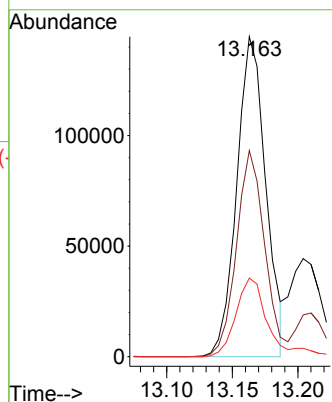
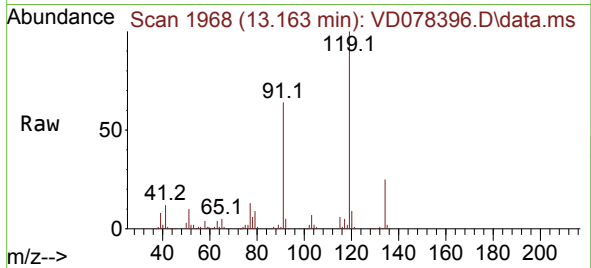




#83
tert-Butylbenzene
Concen: 41.630 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

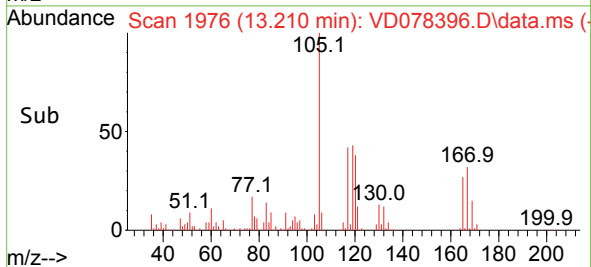
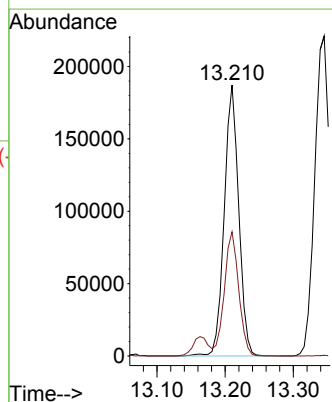
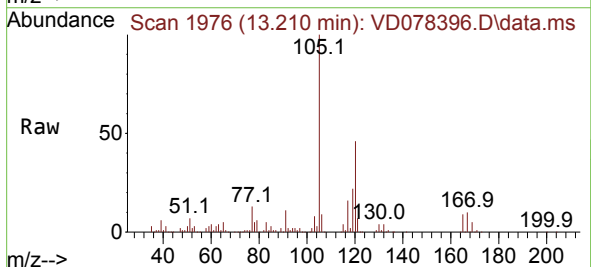
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

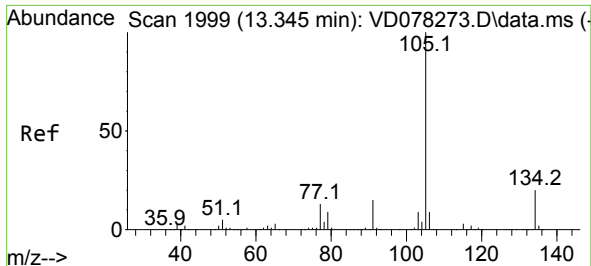
Tgt Ion:119 Resp: 222961
Ion Ratio Lower Upper
119 100
91 62.9 29.3 87.8
134 27.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 43.547 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:105 Resp: 276543
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.9

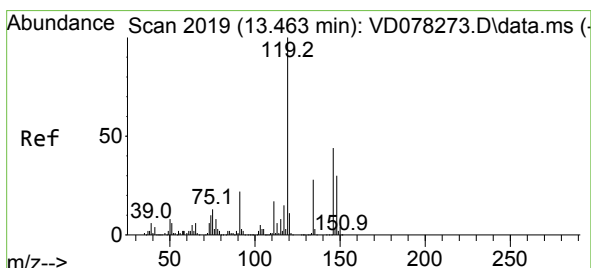
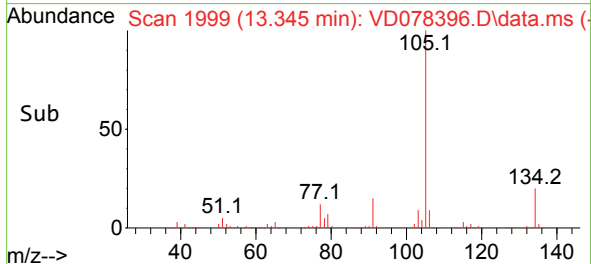
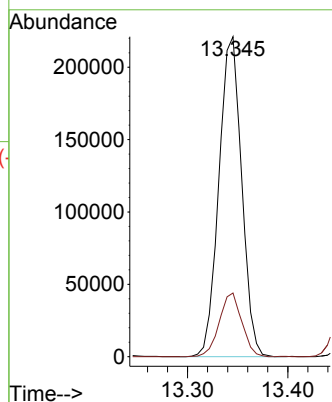
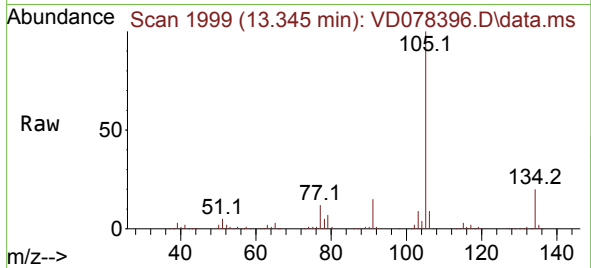




#85
 sec-Butylbenzene
 Concen: 41.353 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078396.D
 Acq: 09 Feb 2024 20:15

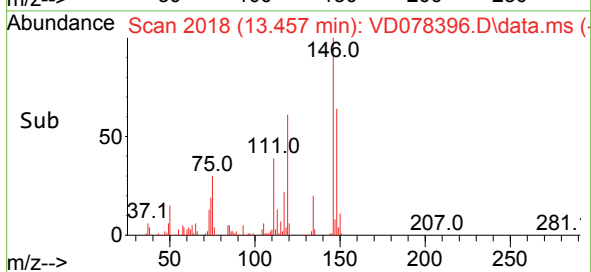
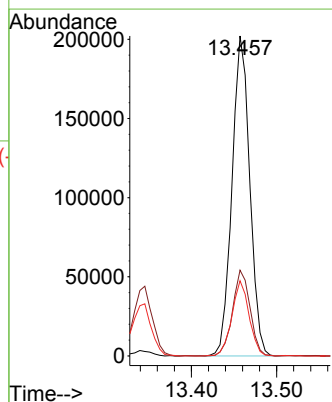
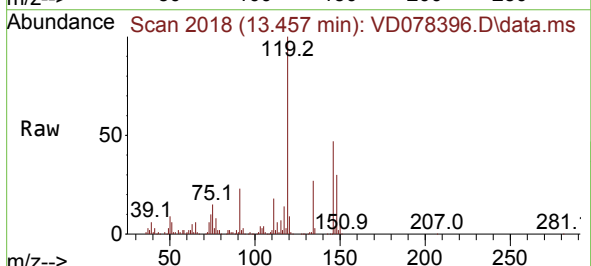
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

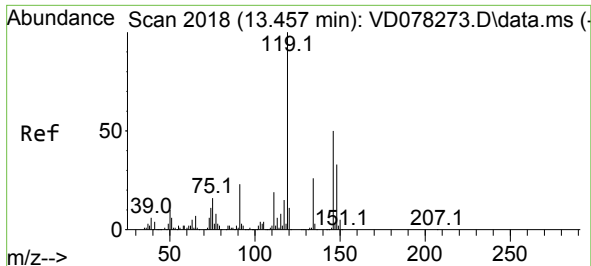
Tgt Ion:105 Resp: 347596
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 42.540 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078396.D
 Acq: 09 Feb 2024 20:15

Tgt Ion:119 Resp: 292875
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 22.9 10.5 31.5

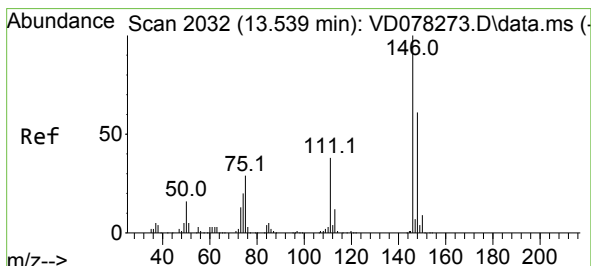
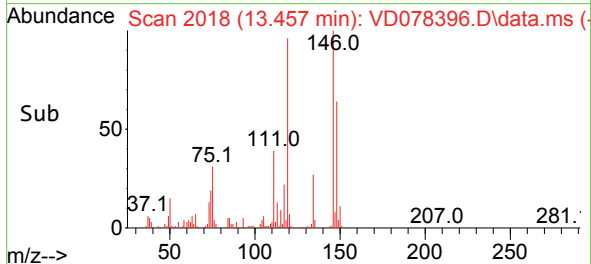
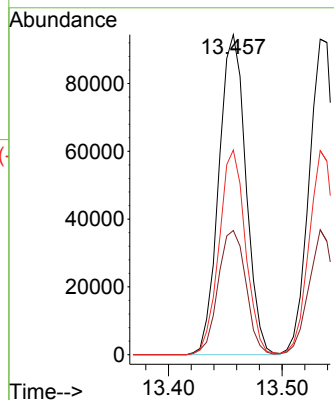
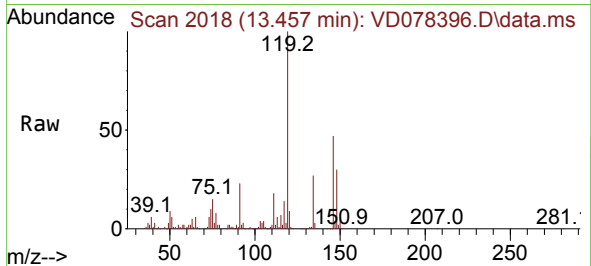




#87
 1,3-Dichlorobenzene
 Concen: 44.344 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078396.D
 Acq: 09 Feb 2024 20:15

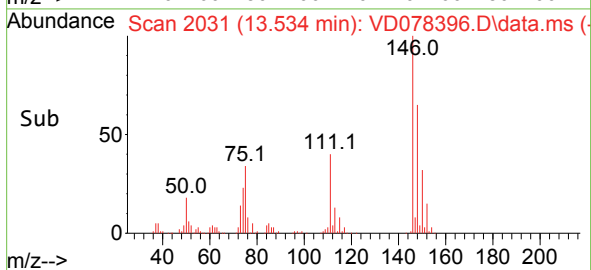
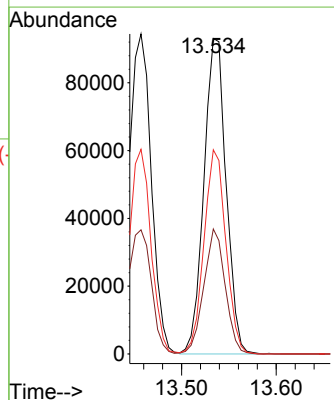
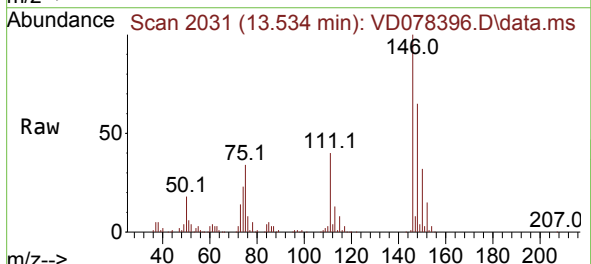
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

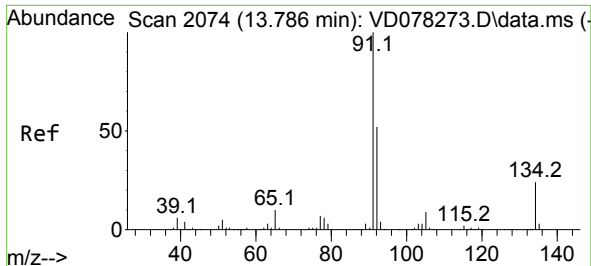
Tgt Ion:146 Resp: 156417
 Ion Ratio Lower Upper
 146 100
 111 39.9 17.9 53.8
 148 62.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 43.581 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078396.D
 Acq: 09 Feb 2024 20:15

Tgt Ion:146 Resp: 152095
 Ion Ratio Lower Upper
 146 100
 111 38.2 17.4 52.3
 148 63.8 31.7 95.1

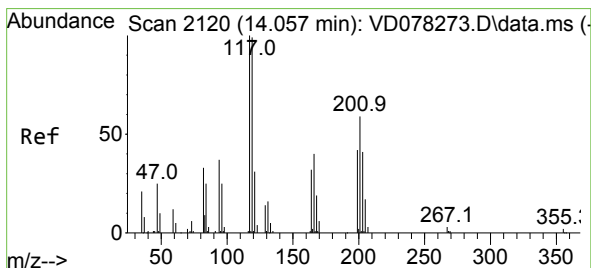
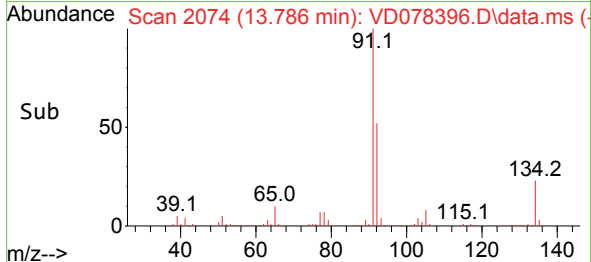
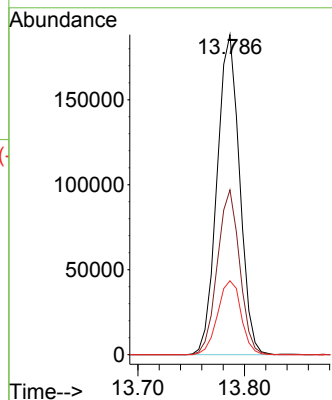
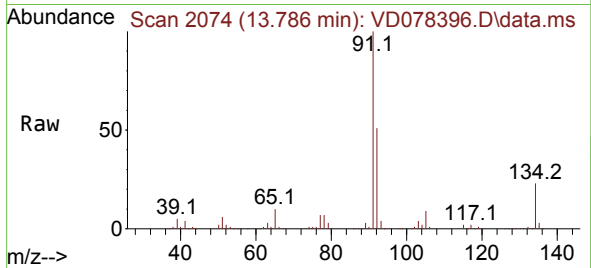




#89
n-Butylbenzene
Concen: 41.249 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

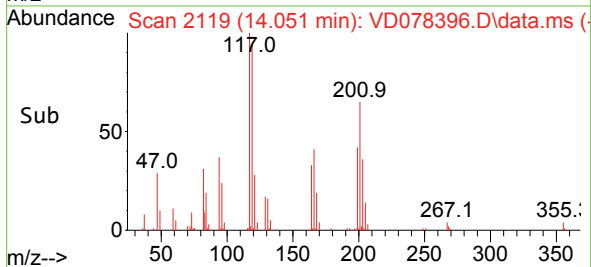
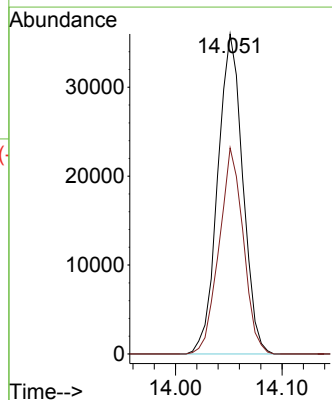
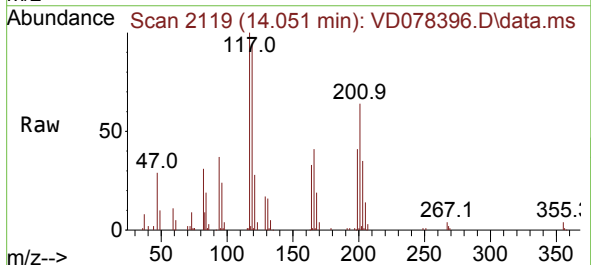
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

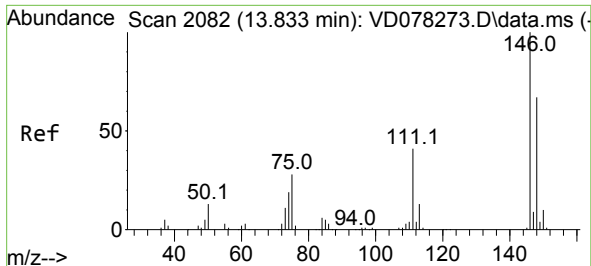
Tgt Ion: 91 Resp: 276730
Ion Ratio Lower Upper
91 100
92 50.8 26.5 79.5
134 24.1 13.8 41.3



#90
Hexachloroethane
Concen: 42.652 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion: 117 Resp: 58652
Ion Ratio Lower Upper
117 100
201 62.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 45.460 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

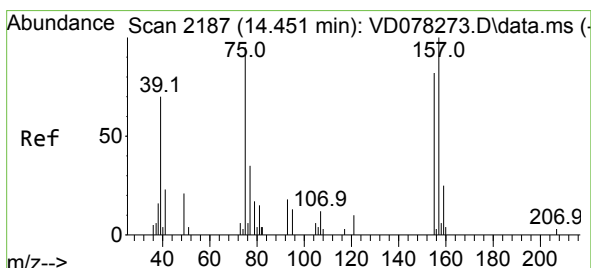
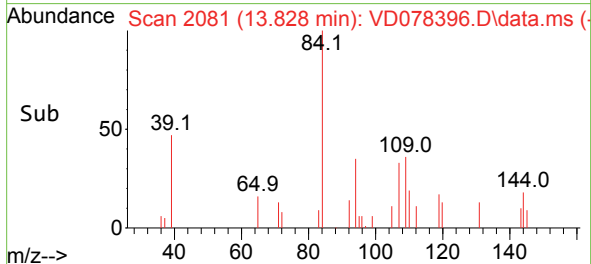
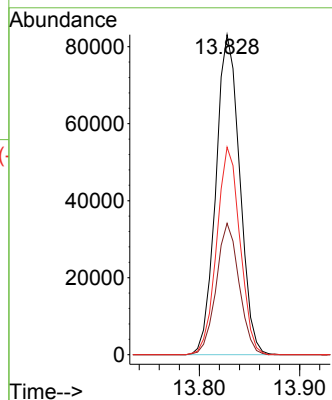
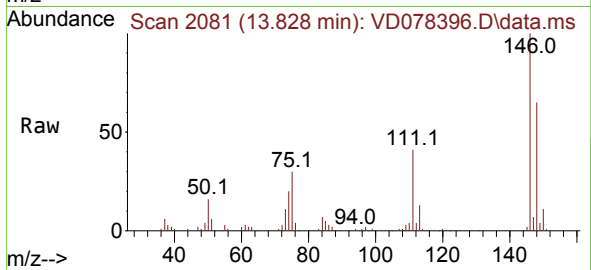
Tgt Ion:146 Resp: 137184

Ion Ratio Lower Upper

146 100

111 39.5 18.3 54.8

148 63.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.892 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

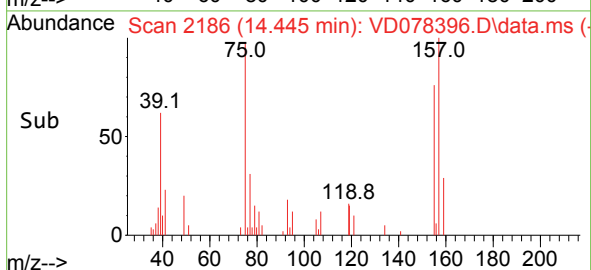
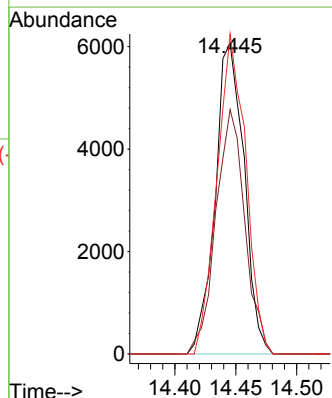
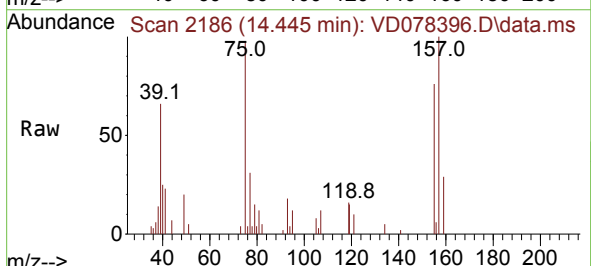
Tgt Ion: 75 Resp: 10003

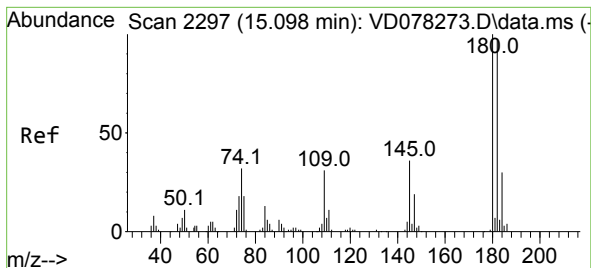
Ion Ratio Lower Upper

75 100

155 79.2 47.9 143.8

157 102.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 44.556 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

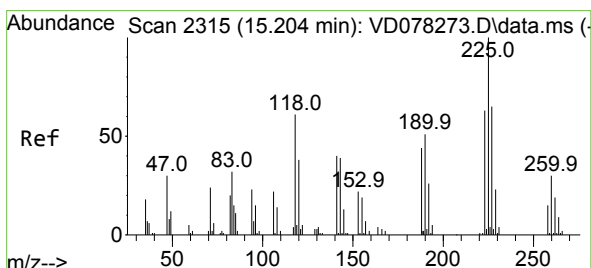
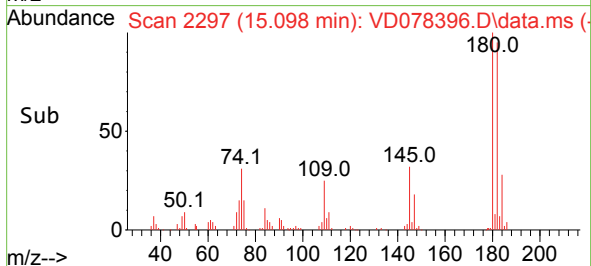
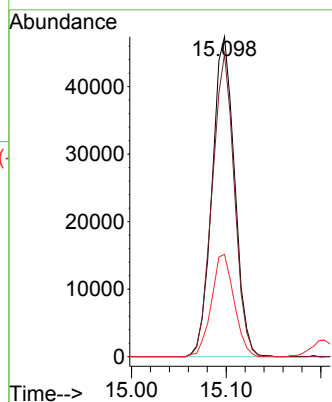
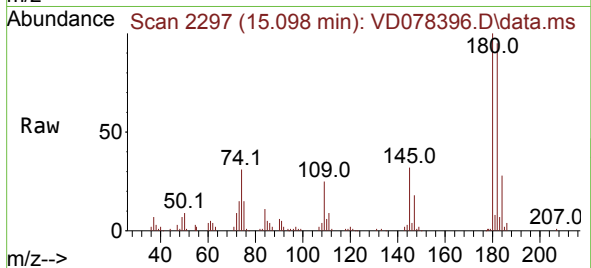
Tgt Ion:180 Resp: 77771

Ion Ratio Lower Upper

180 100

182 93.9 48.5 145.6

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 42.716 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078396.D

Acq: 09 Feb 2024 20:15

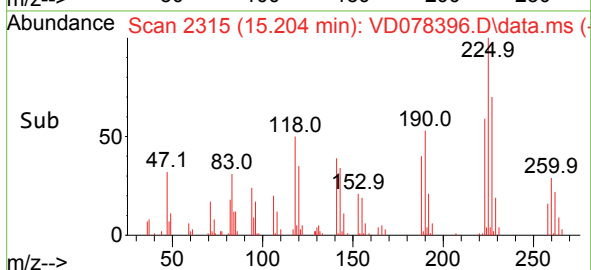
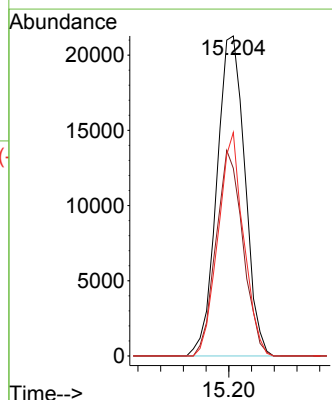
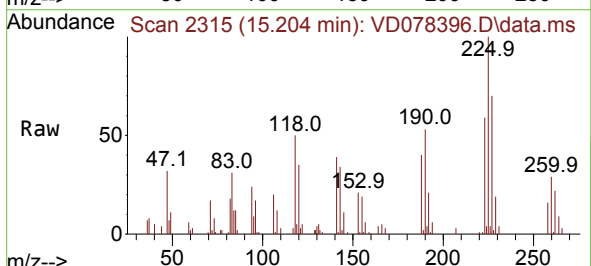
Tgt Ion:225 Resp: 36535

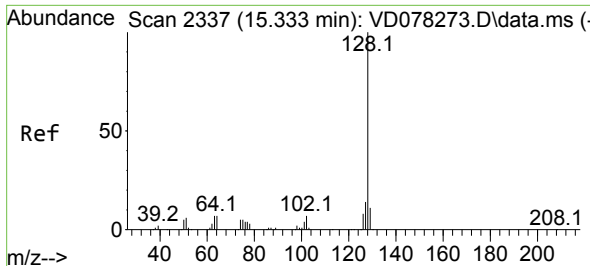
Ion Ratio Lower Upper

225 100

223 61.6 31.6 94.8

227 63.3 31.7 95.1

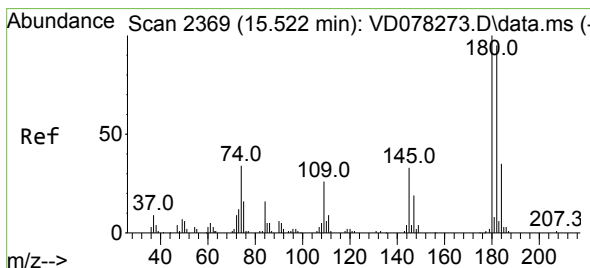
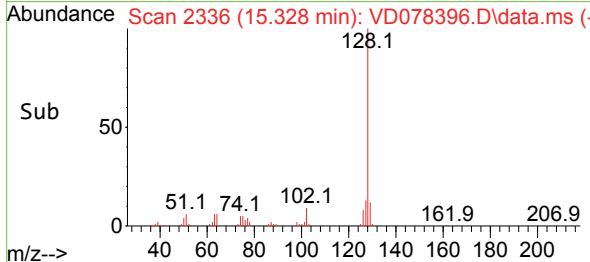
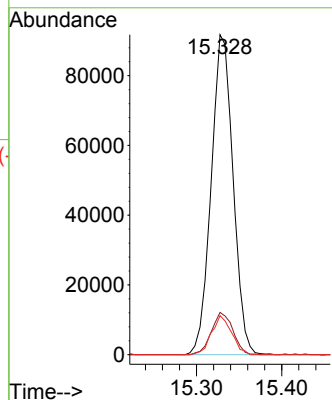
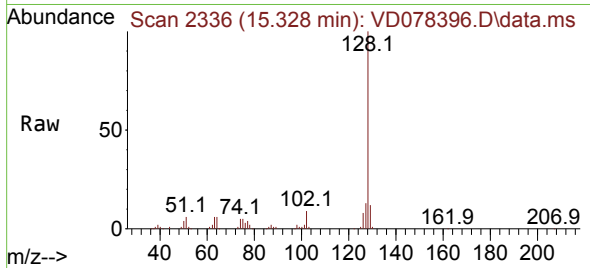




#95
Naphthalene
Concen: 47.069 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 163809
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 12.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.561 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078396.D
Acq: 09 Feb 2024 20:15

Tgt Ion:180 Resp: 71558
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 32.5 15.1 45.3

