

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078662.D
 Acq On : 14 Mar 2024 12:16
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 15 05:28:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	164200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	270370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	262790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	211668	137.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 275.100%#	
35) Dibromofluoromethane	7.810	113	255912	147.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 294.020%#	
50) Toluene-d8	10.269	98	997050	155.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 311.480%#	
62) 4-Bromofluorobenzene	12.575	95	301428	160.938	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 321.880%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	201854	132.084	ug/l	98
3) Chloromethane	2.152	50	307683	127.512	ug/l	97
4) Vinyl Chloride	2.287	62	478161	134.331	ug/l	95
5) Bromomethane	2.675	94	494549	145.109	ug/l	98
6) Chloroethane	2.834	64	389498	140.312	ug/l	100
7) Trichlorofluoromethane	3.175	101	372927	132.430	ug/l	97
8) Diethyl Ether	3.593	74	120168	146.155	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	231414	130.941	ug/l	98
10) Methyl Iodide	4.163	142	341734	163.467	ug/l	99
11) Tert butyl alcohol	5.057	59	52754	766.036	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	238590	142.014	ug/l	92
13) Acrolein	3.799	56	61746	572.368	ug/l	99
14) Allyl chloride	4.563	41	267338	142.609	ug/l	99
15) Acrylonitrile	5.257	53	241679	729.169	ug/l	97
16) Acetone	4.022	43	209642	704.520	ug/l	93
17) Carbon Disulfide	4.269	76	754147	136.927	ug/l	100
18) Methyl Acetate	4.563	43	98012	153.479	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	536626	158.386	ug/l	97
20) Methylene Chloride	4.798	84	277170	145.975	ug/l	99
21) trans-1,2-Dichloroethene	5.316	96	290761	146.671	ug/l	92
22) Diisopropyl ether	6.216	45	609790	143.073	ug/l	96
23) Vinyl Acetate	6.157	43	1922181	771.011	ug/l	96
24) 1,1-Dichloroethane	6.110	63	442285	138.411	ug/l	99
25) 2-Butanone	7.081	43	285801	722.416	ug/l	94
26) 2,2-Dichloropropane	7.075	77	387473	143.321	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	344370	152.305	ug/l	96
28) Bromochloromethane	7.428	49	151263	132.777	ug/l	93
29) Tetrahydrofuran	7.445	42	162040	753.049	ug/l	95
30) Chloroform	7.598	83	492482	138.227	ug/l	100
31) Cyclohexane	7.881	56	343082	132.645	ug/l	92
32) 1,1,1-Trichloroethane	7.792	97	426130	140.968	ug/l	98
36) 1,1-Dichloropropene	8.010	75	375089	148.506	ug/l	99
37) Ethyl Acetate	7.169	43	115268	139.697	ug/l	98
38) Carbon Tetrachloride	7.992	117	389618	146.323	ug/l	96
39) Methylcyclohexane	9.275	83	457014	155.980	ug/l	97
40) Benzene	8.251	78	1135479	148.720	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	62437	138.935	ug/l #	95
42) 1,2-Dichloroethane	8.328	62	267126	143.466	ug/l	98
43) Isopropyl Acetate	8.363	43	225870	150.522	ug/l	100
44) Trichloroethene	9.028	130	308194	148.742	ug/l	97
45) 1,2-Dichloropropane	9.304	63	265735	146.720	ug/l	100
46) Dibromomethane	9.392	93	160534	147.861	ug/l	99
47) Bromodichloromethane	9.586	83	387056	149.753	ug/l	94
48) Methyl methacrylate	9.381	41	110408	151.004	ug/l	97
49) 1,4-Dioxane	9.386	88	30404	3024.521	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	602923	768.550	ug/l	98
52) Toluene	10.334	92	772209	157.097	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	368645	155.998	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	436320	153.588	ug/l	98
55) 1,1,2-Trichloroethane	10.733	97	219272	150.817	ug/l	98
56) Ethyl methacrylate	10.598	69	242706	166.522	ug/l	96
57) 1,3-Dichloropropane	10.881	76	352171	150.117	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	506402	787.966	ug/l	99
59) 2-Hexanone	10.922	43	443874	763.258	ug/l	96
60) Dibromochloromethane	11.075	129	280581	156.489	ug/l	98
61) 1,2-Dibromoethane	11.181	107	213687	151.872	ug/l	99
64) Tetrachloroethene	10.810	164	266744	153.386	ug/l	98
65) Chlorobenzene	11.604	112	822454	149.769	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	320942	159.582	ug/l	99
67) Ethyl Benzene	11.686	91	1518538	162.274	ug/l	97
68) m/p-Xylenes	11.792	106	1254324	330.090	ug/l	97
69) o-Xylene	12.122	106	584304	166.192	ug/l	98
70) Styrene	12.133	104	1000596	169.560	ug/l	100
71) Bromoform	12.298	173	168970	155.466	ug/l #	96
73) Isopropylbenzene	12.422	105	1460287	157.047	ug/l	99
74) N-amyl acetate	12.233	43	228022	151.040	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	240554	139.751	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	292075	268.982	ug/l #	100
77) Bromobenzene	12.698	156	355205	154.037	ug/l	96
78) n-propylbenzene	12.763	91	1733419	153.152	ug/l	98
79) 2-Chlorotoluene	12.851	91	926645	149.240	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1208473	157.164	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	79716	153.574	ug/l	97
82) 4-Chlorotoluene	12.945	91	977254	148.805	ug/l	98
83) tert-Butylbenzene	13.169	119	1073115	161.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1262378	162.910	ug/l	97
85) sec-Butylbenzene	13.345	105	1583790	157.851	ug/l	100
86) p-Isopropyltoluene	13.463	119	1437875	167.402	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	770099	158.255	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	720597	150.257	ug/l	98
89) n-Butylbenzene	13.786	91	1226060	158.054	ug/l	99
90) Hexachloroethane	14.051	117	254910	143.427	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	631240	150.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30966	134.480	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	396109	161.946	ug/l	96
94) Hexachlorobutadiene	15.204	225	205051	154.850	ug/l	99
95) Naphthalene	15.333	128	724155	170.286	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	340965	161.133	ug/l	98

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Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

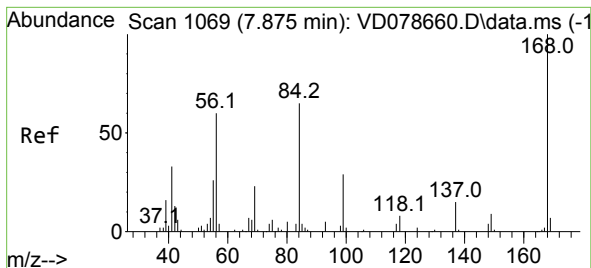
Quant Time: Mar 15 05:28:29 2024
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QLast Update : Fri Mar 15 05:17:07 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

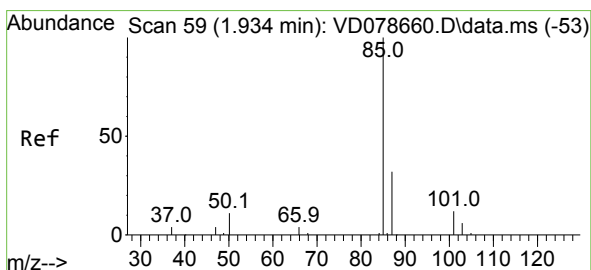
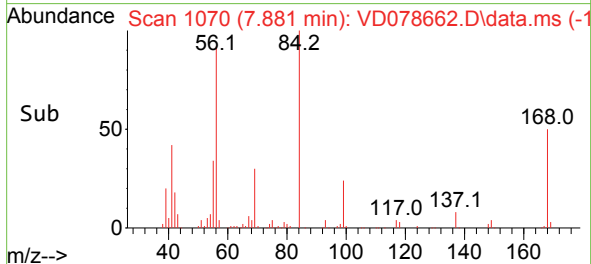
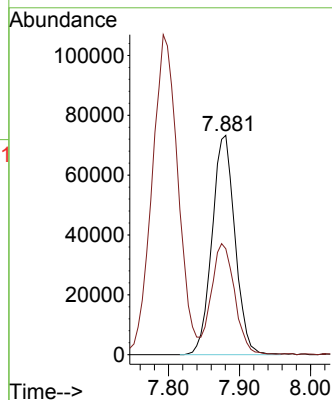
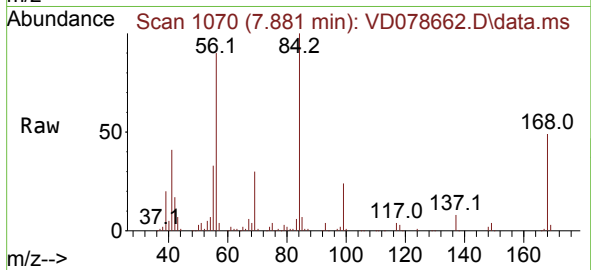
VSTDICC150

Tgt Ion:168 Resp: 164200

Ion Ratio Lower Upper

168 100

99 47.9 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 132.084 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078662.D

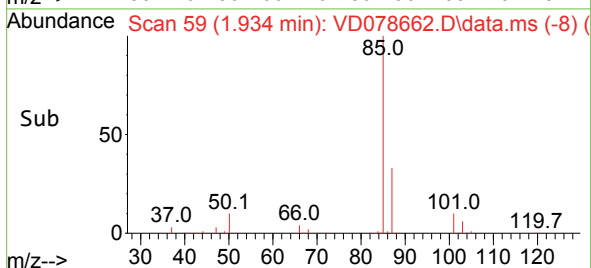
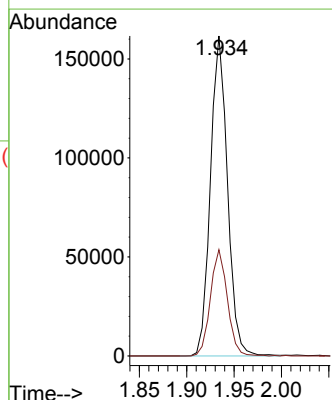
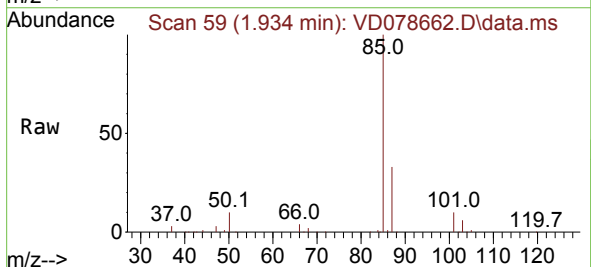
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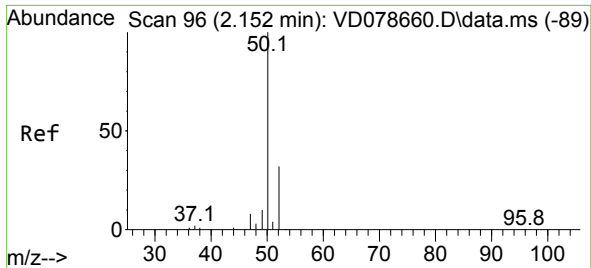
Tgt Ion: 85 Resp: 201854

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5

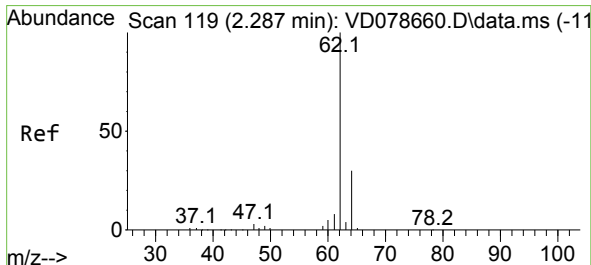
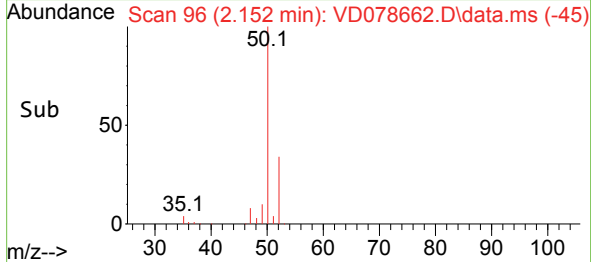
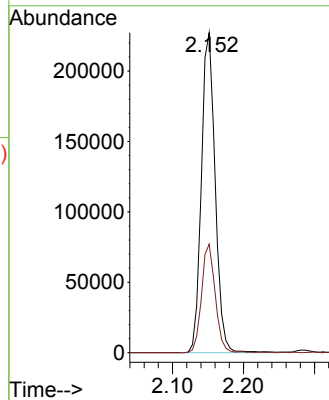
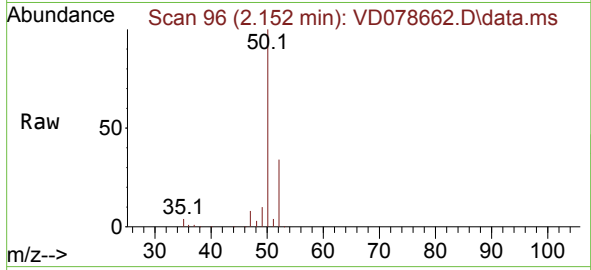




#3
Chloromethane
Concen: 127.512 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

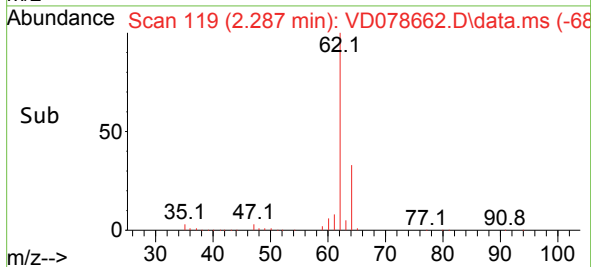
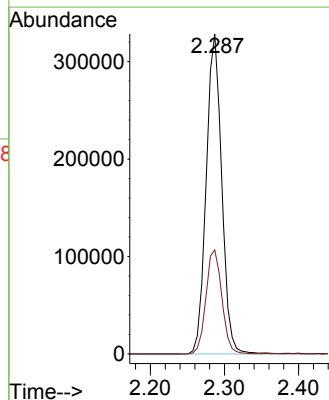
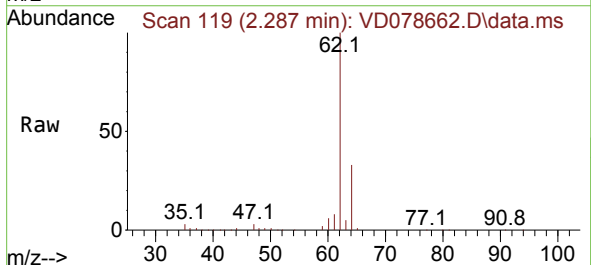
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

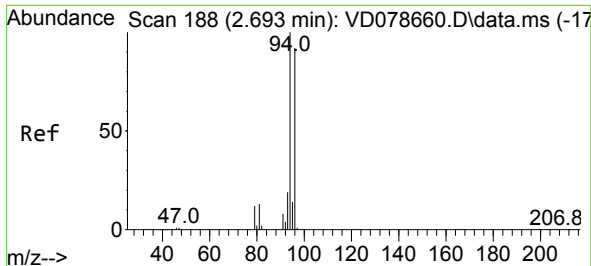
Tgt Ion: 50 Resp: 307683
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 134.331 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 62 Resp: 478161
Ion Ratio Lower Upper
62 100
64 32.5 23.7 35.5

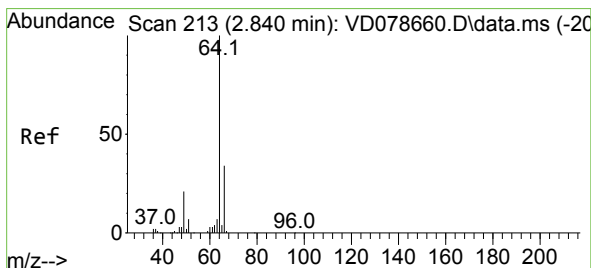
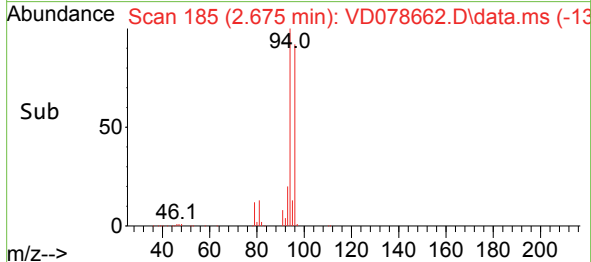
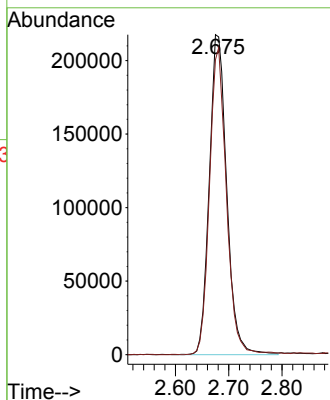
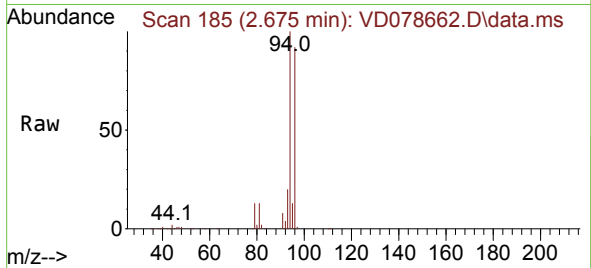




#5
Bromomethane
Concen: 145.109 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

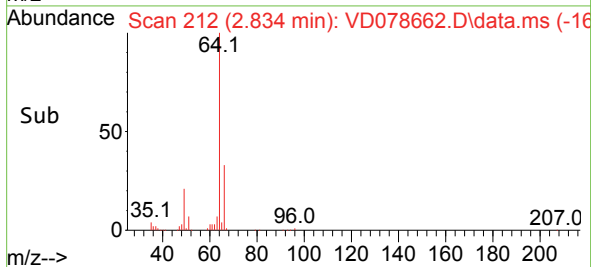
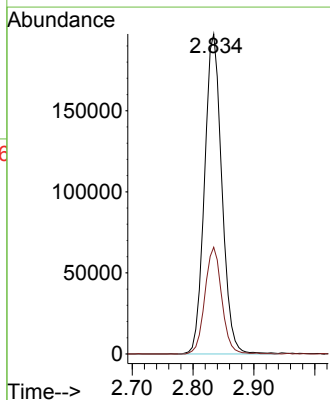
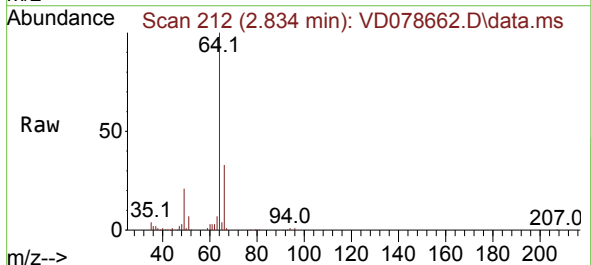
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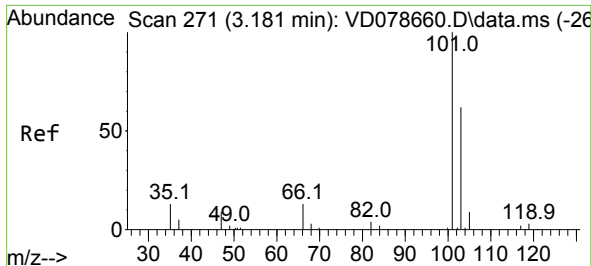
Tgt Ion: 94 Resp: 494549
Ion Ratio Lower Upper
94 100
96 93.5 73.5 110.3



#6
Chloroethane
Concen: 140.312 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 64 Resp: 389498
Ion Ratio Lower Upper
64 100
66 33.3 26.8 40.2

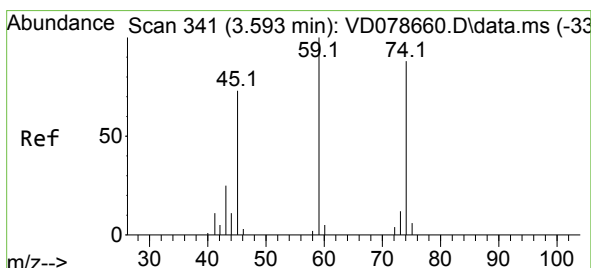
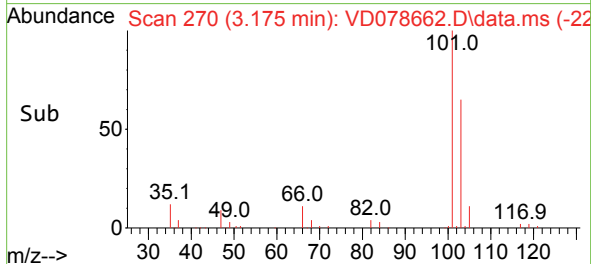
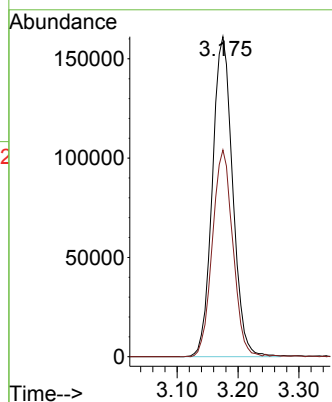
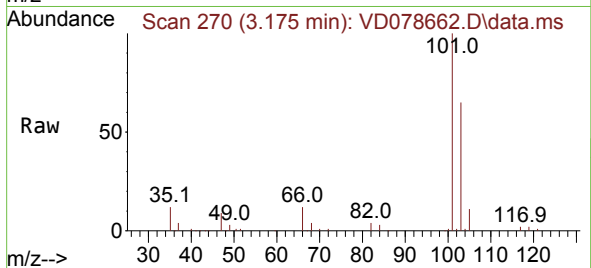




#7
 Trichlorofluoromethane
 Concen: 132.430 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

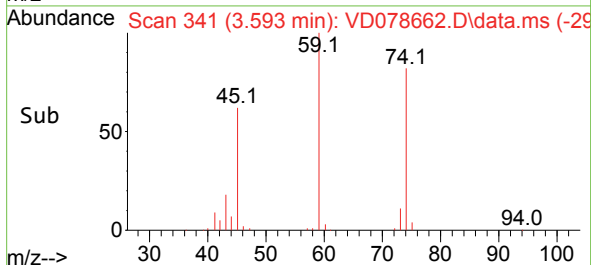
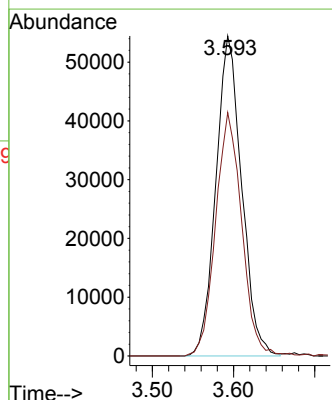
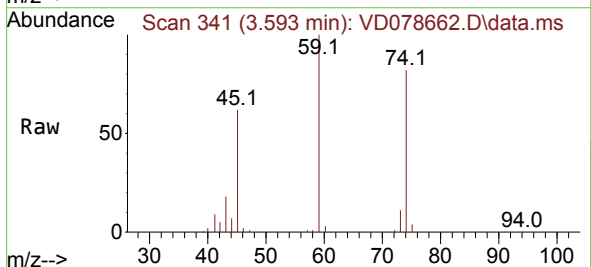
Instrument :
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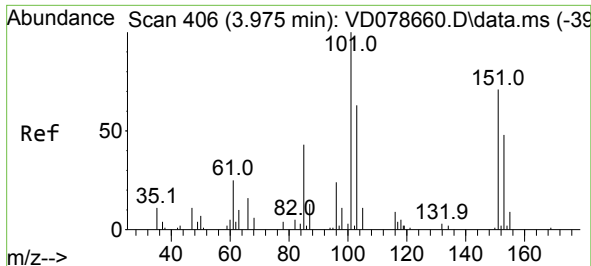
Tgt Ion:101 Resp: 372927
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.7 74.5



#8
 Diethyl Ether
 Concen: 146.155 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

Tgt Ion: 74 Resp: 120168
 Ion Ratio Lower Upper
 74 100
 45 77.0 42.4 127.3

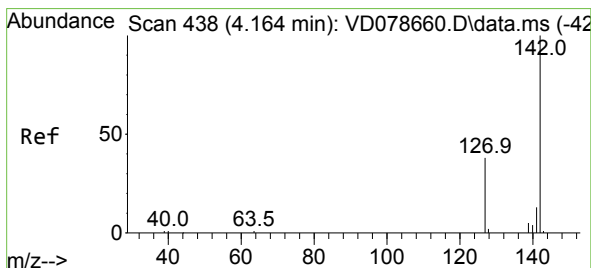
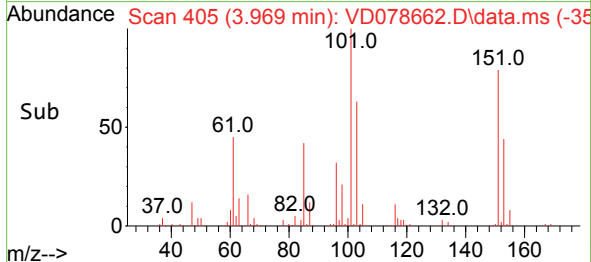
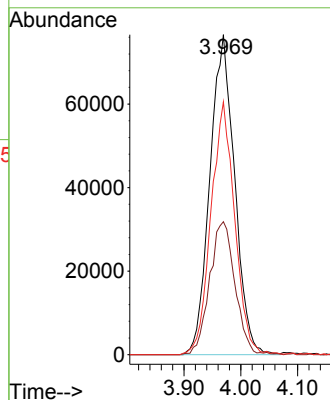
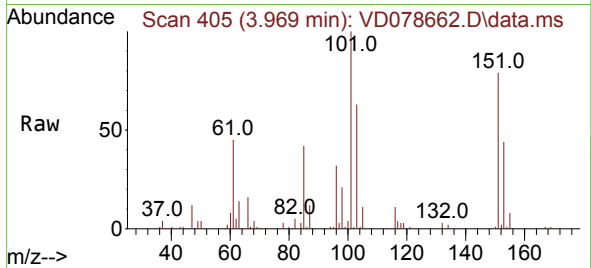




#9
1,1,2-Trichlorotrifluoroethane
Concen: 130.941 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

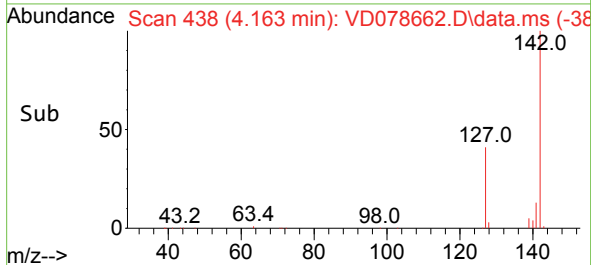
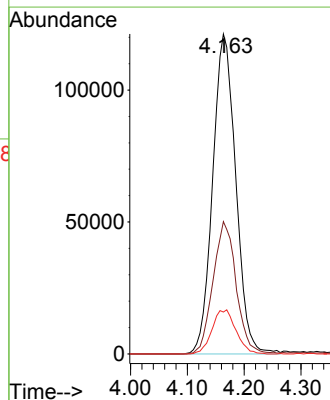
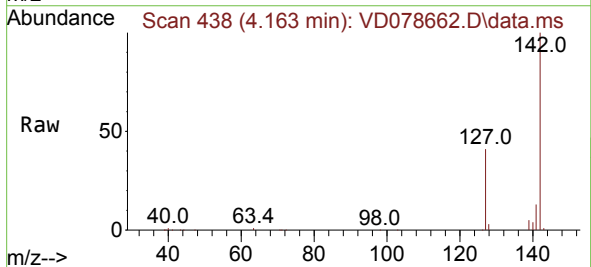
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

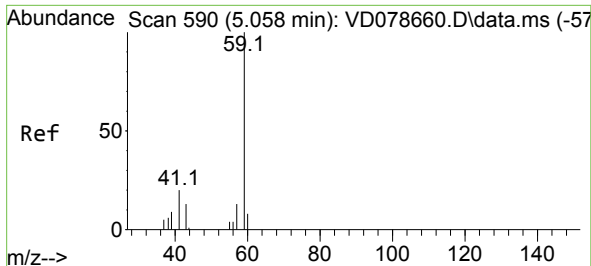
Tgt Ion:101 Resp: 231414
Ion Ratio Lower Upper
101 100
85 42.7 35.8 53.6
151 76.0 59.4 89.2



#10
Methyl Iodide
Concen: 163.467 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion:142 Resp: 341734
Ion Ratio Lower Upper
142 100
127 41.6 33.5 50.3
141 14.3 11.7 17.5

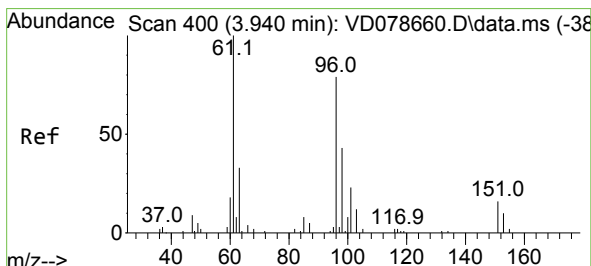
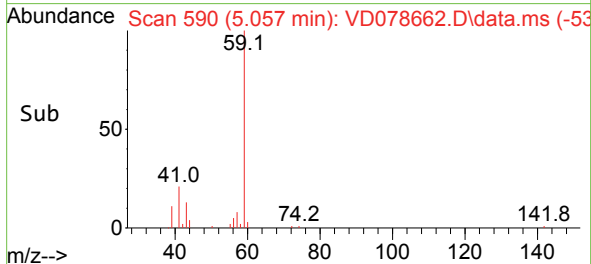
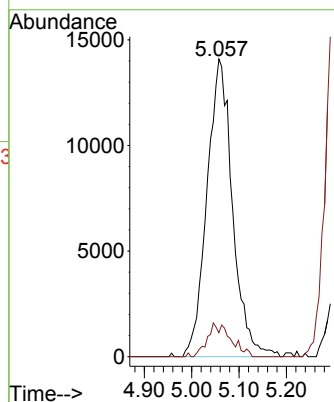
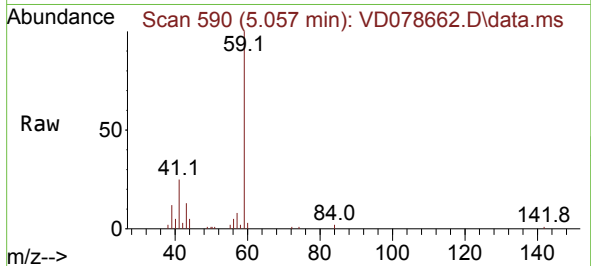




#11
Tert butyl alcohol
Concen: 766.036 ug/l
RT: 5.057 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

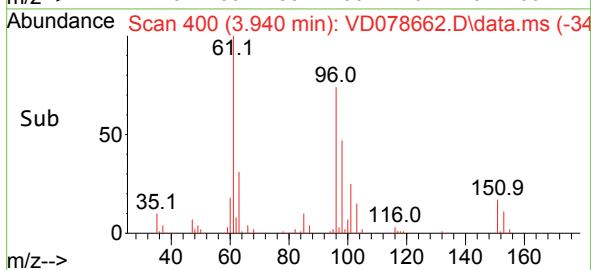
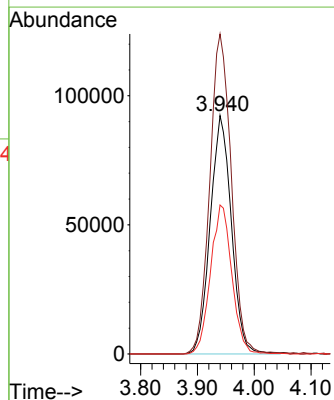
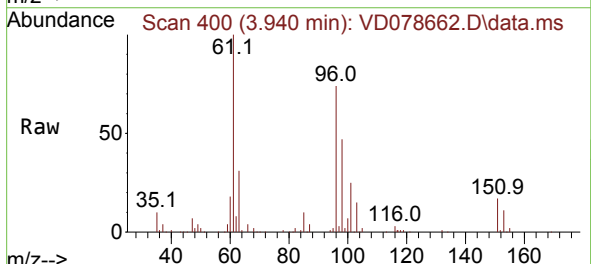
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

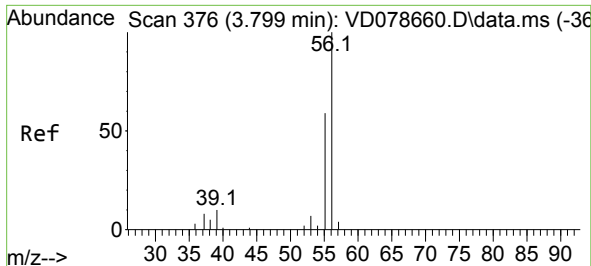
Tgt Ion: 59 Resp: 52754
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 142.014 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 96 Resp: 238590
Ion Ratio Lower Upper
96 100
61 134.3 101.4 152.0
98 62.5 43.4 65.0





#13

Acrolein

Concen: 572.368 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

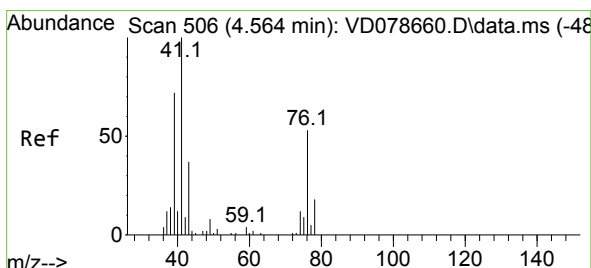
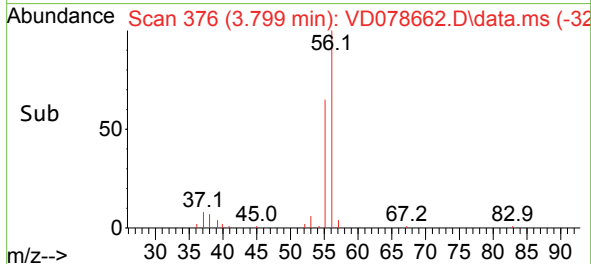
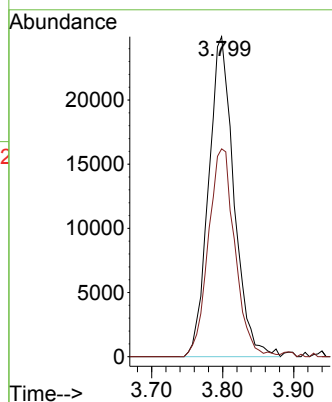
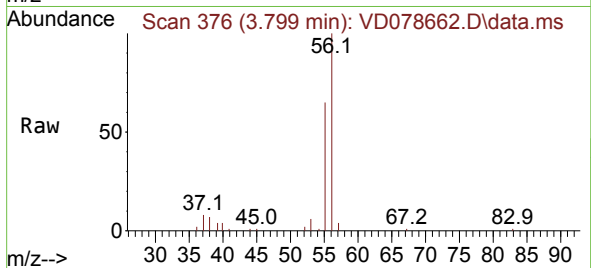
VSTDIC150

Tgt Ion: 56 Resp: 61746

Ion Ratio Lower Upper

56 100

55 68.1 54.9 82.3



#14

Allyl chloride

Concen: 142.609 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

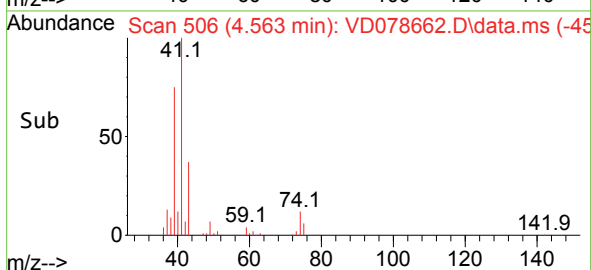
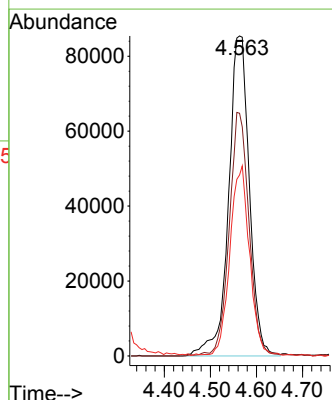
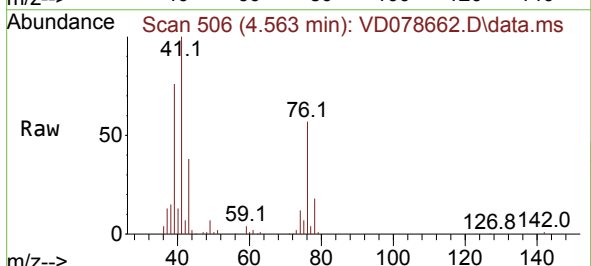
Tgt Ion: 41 Resp: 267338

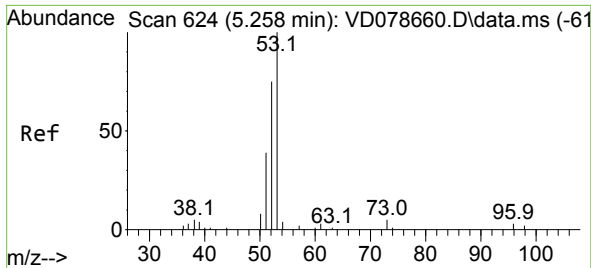
Ion Ratio Lower Upper

41 100

39 72.6 57.8 86.6

76 55.5 44.8 67.2

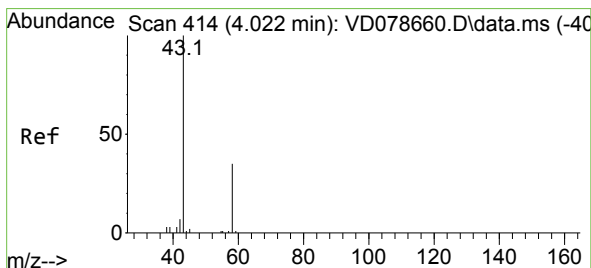
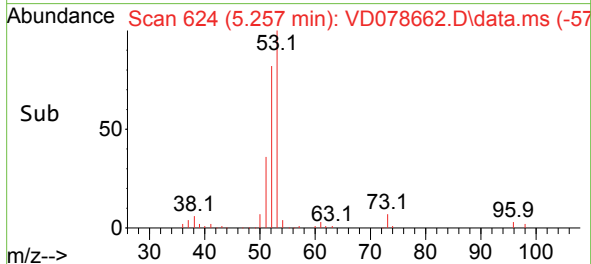
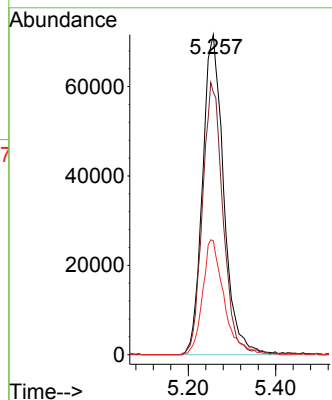
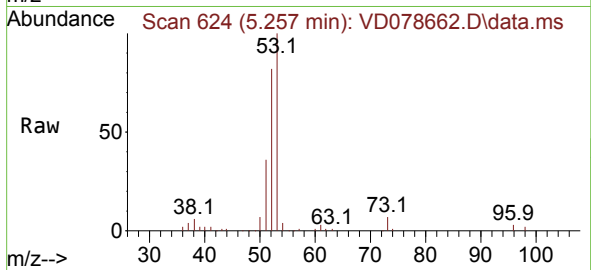




#15
Acrylonitrile
Concen: 729.169 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

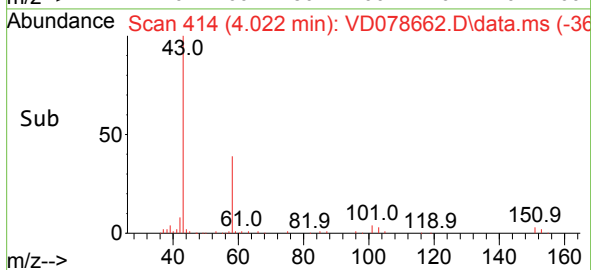
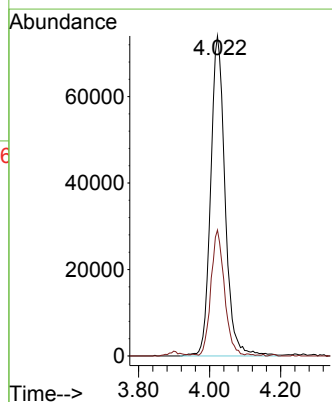
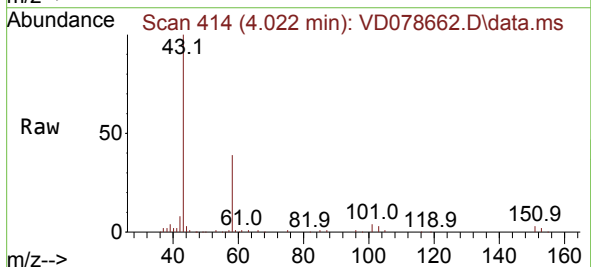
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

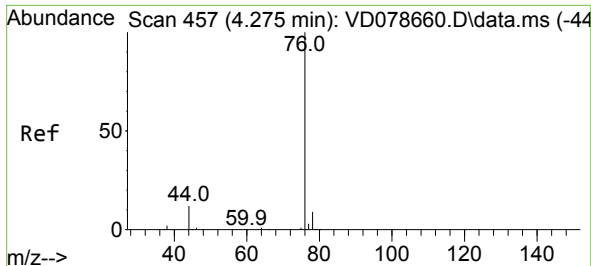
Tgt Ion: 53 Resp: 241679
Ion Ratio Lower Upper
53 100
52 81.6 61.9 92.9
51 36.4 29.0 43.4



#16
Acetone
Concen: 704.520 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 43 Resp: 209642
Ion Ratio Lower Upper
43 100
58 39.4 28.2 42.4





#17

Carbon Disulfide

Concen: 136.927 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

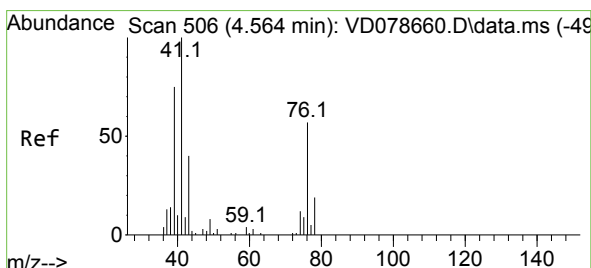
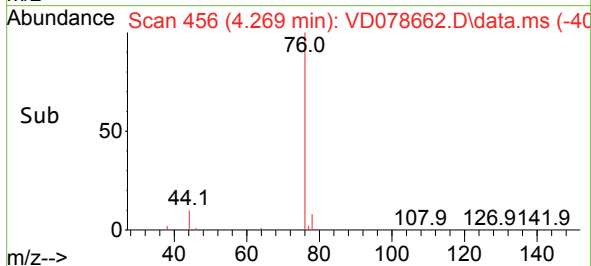
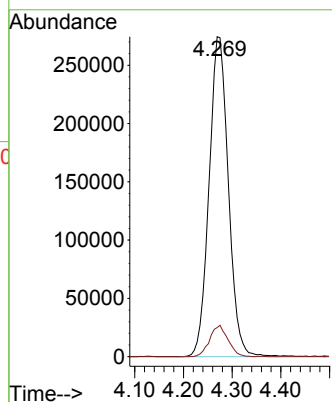
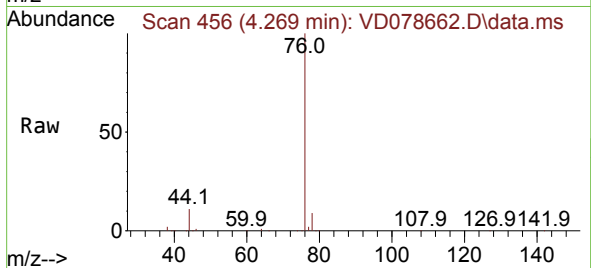
VSTDIC150

Tgt Ion: 76 Resp: 754147

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 153.479 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD078662.D

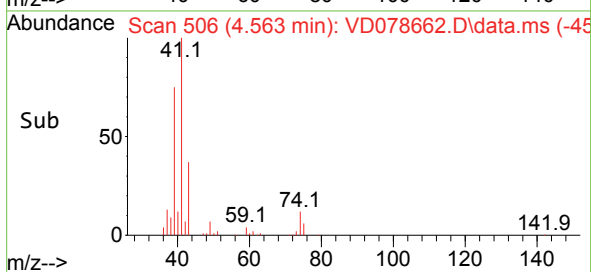
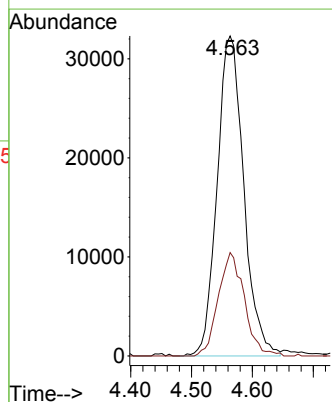
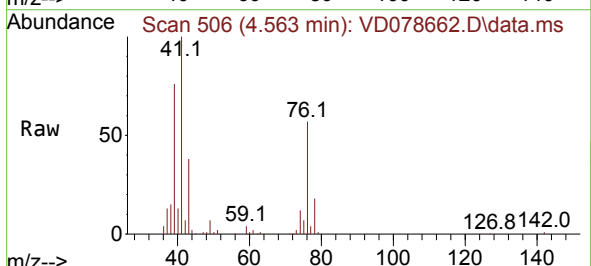
Acq: 14 Mar 2024 12:16

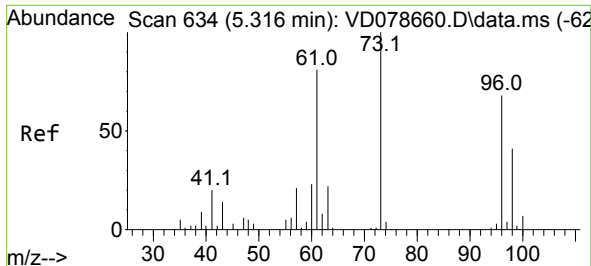
Tgt Ion: 43 Resp: 98012

Ion Ratio Lower Upper

43 100

74 31.7 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 158.386 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

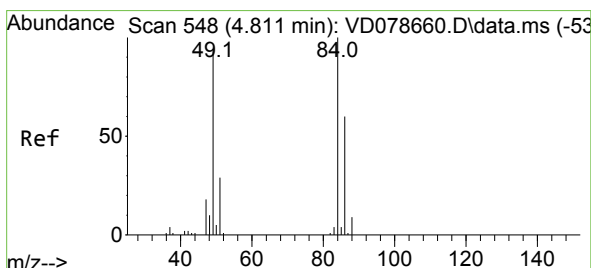
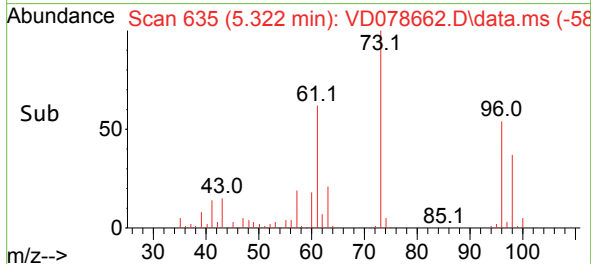
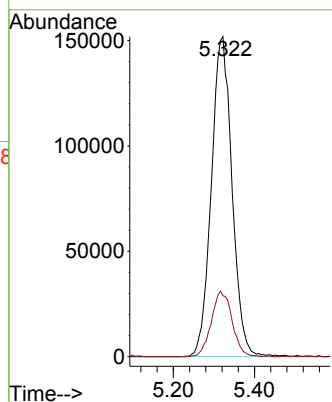
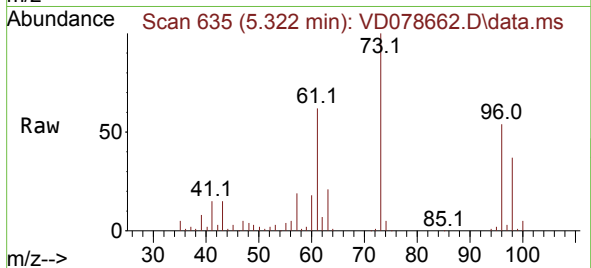
VSTDIC150

Tgt Ion: 73 Resp: 536626

Ion Ratio Lower Upper

73 100

57 19.1 16.4 24.6



#20

Methylene Chloride

Concen: 145.975 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.013 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Tgt Ion: 84 Resp: 277170

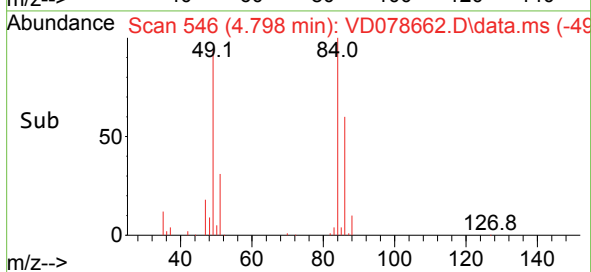
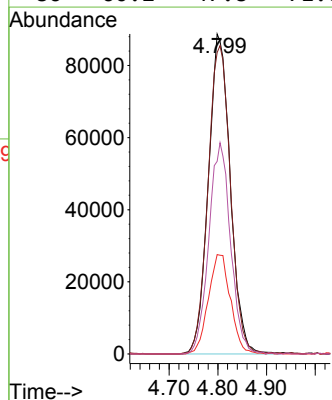
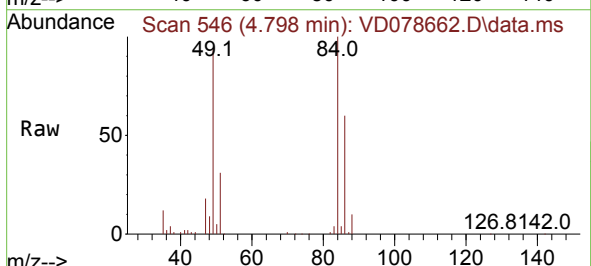
Ion Ratio Lower Upper

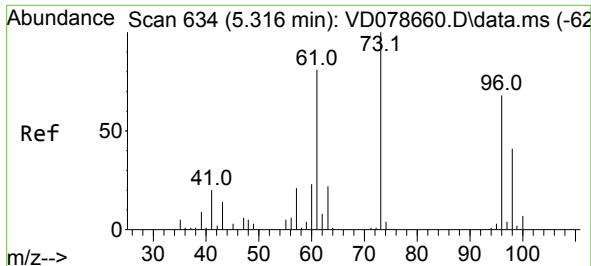
84 100

49 94.2 75.6 113.4

51 31.0 23.4 35.0

86 60.2 47.8 71.6

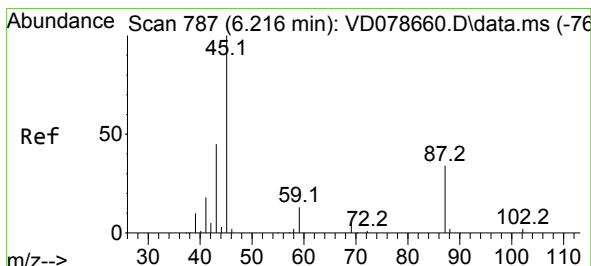
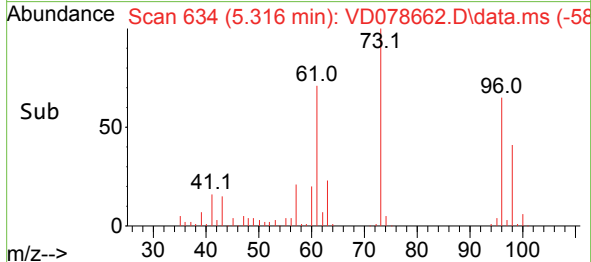
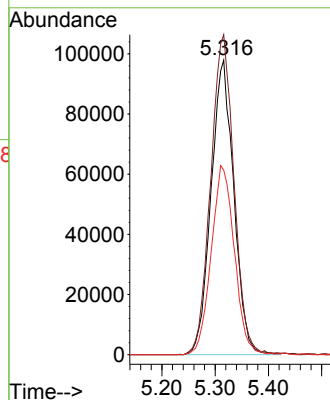
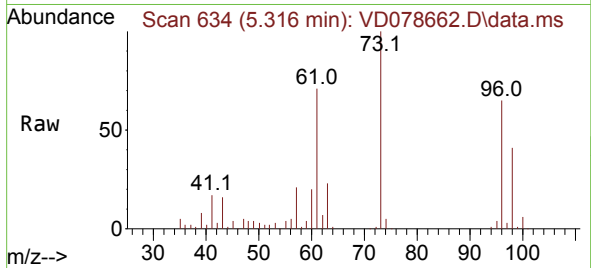




#21
trans-1,2-Dichloroethene
Concen: 146.671 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

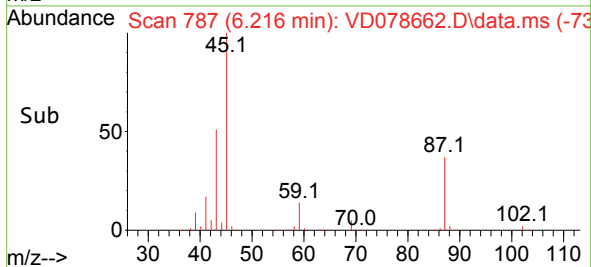
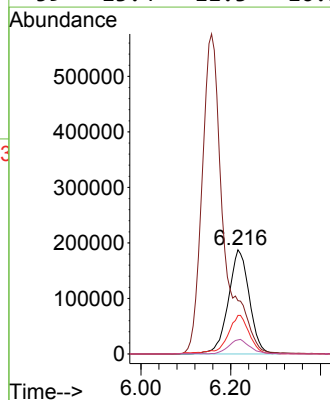
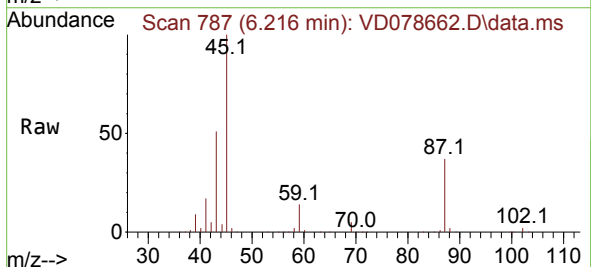
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

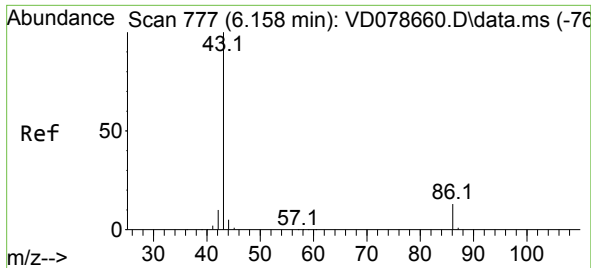
Tgt Ion: 96 Resp: 290761
Ion Ratio Lower Upper
96 100
61 108.5 96.1 144.1
98 62.7 48.9 73.3



#22
Diisopropyl ether
Concen: 143.073 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 45 Resp: 609790
Ion Ratio Lower Upper
45 100
43 51.1 44.3 66.5
87 37.0 28.3 42.5
59 13.4 11.3 16.9

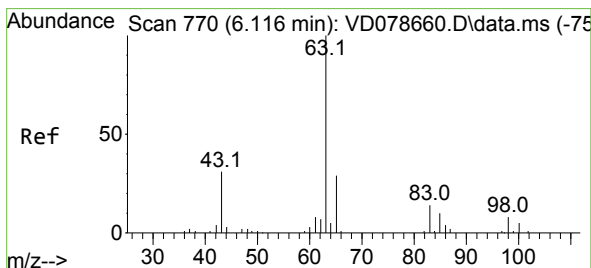
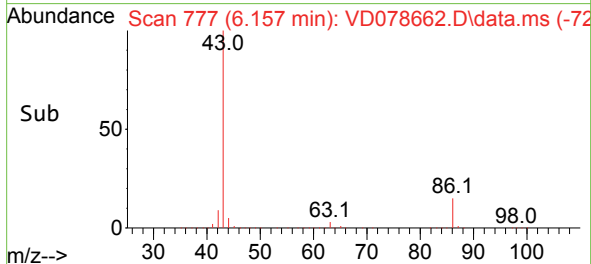
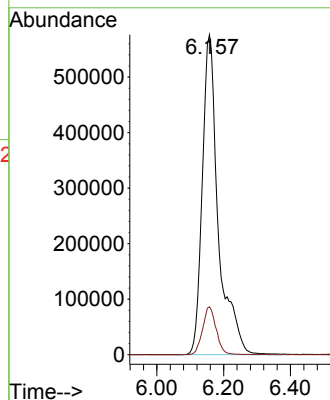
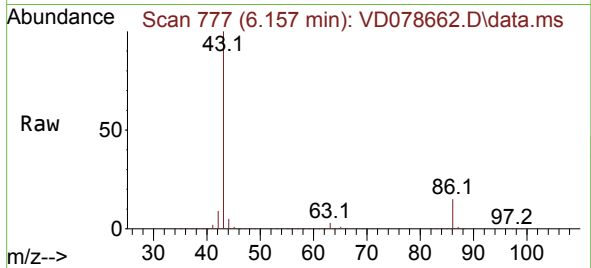




#23
 Vinyl Acetate
 Concen: 771.011 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

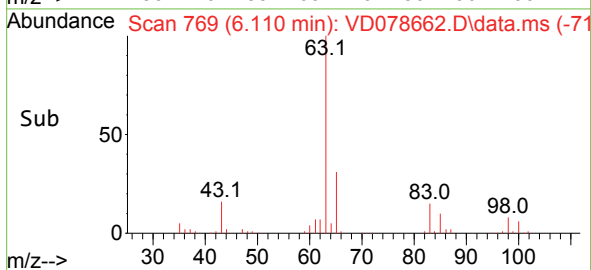
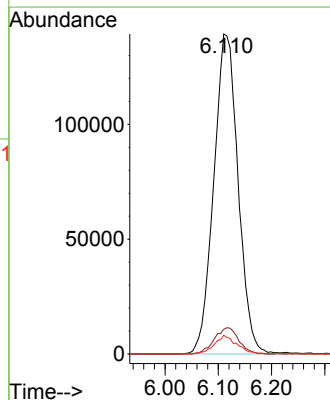
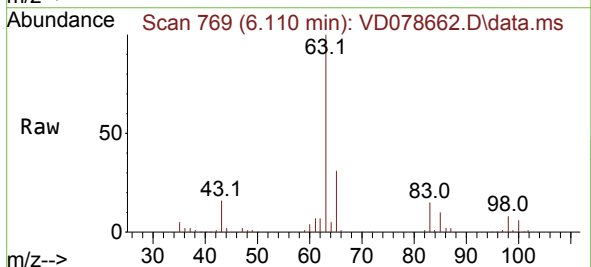
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

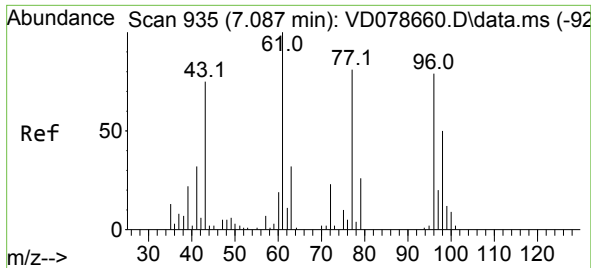
Tgt Ion: 43 Resp: 1922181
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 138.411 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

Tgt Ion: 63 Resp: 442285
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 5.8 2.7 8.1

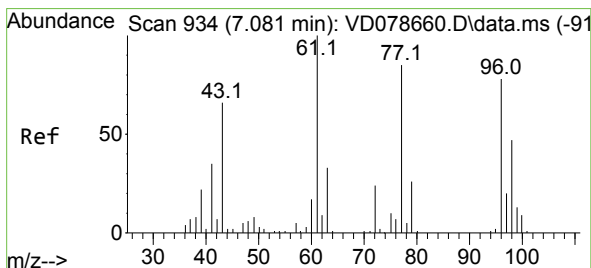
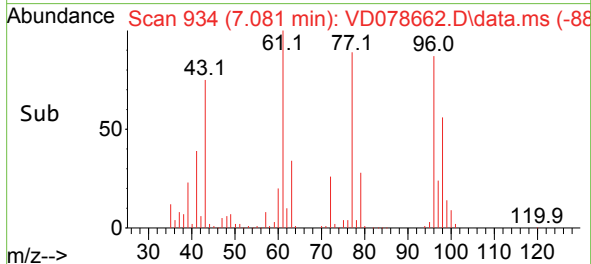
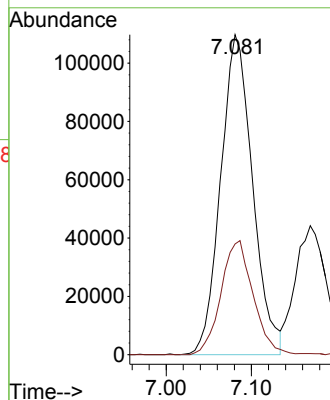
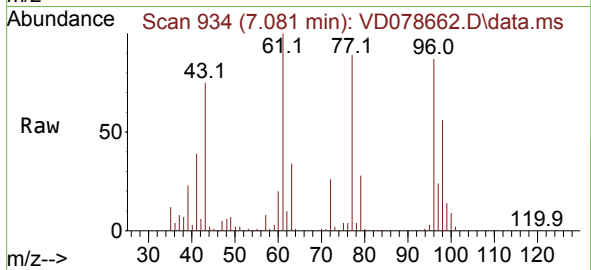




#25
2-Butanone
Concen: 722.416 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

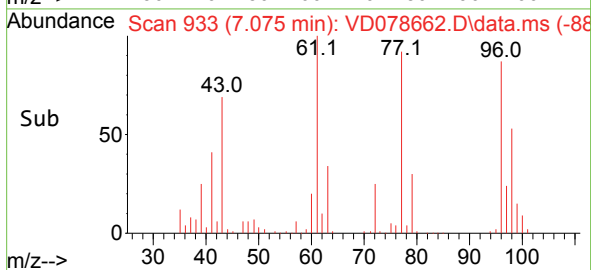
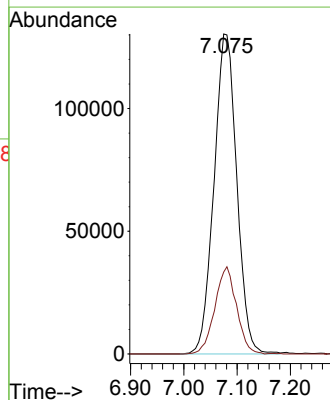
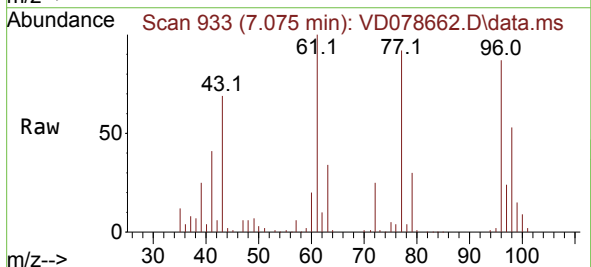
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

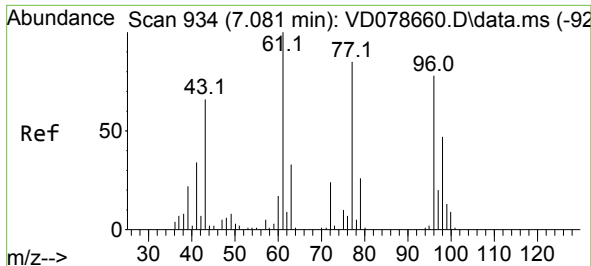
Tgt Ion: 43 Resp: 285801
Ion Ratio Lower Upper
43 100
72 34.6 25.0 37.6



#26
2,2-Dichloropropane
Concen: 143.321 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 77 Resp: 387473
Ion Ratio Lower Upper
77 100
97 25.9 12.4 37.0

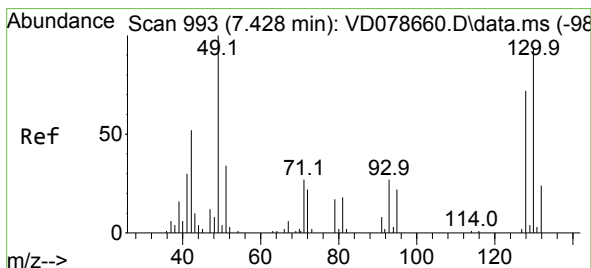
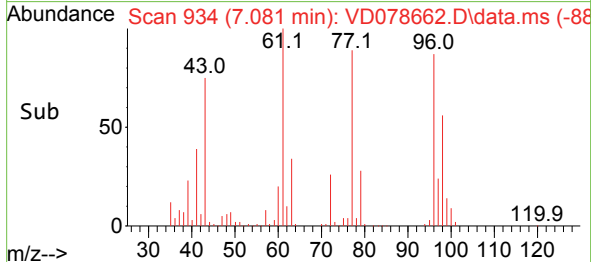
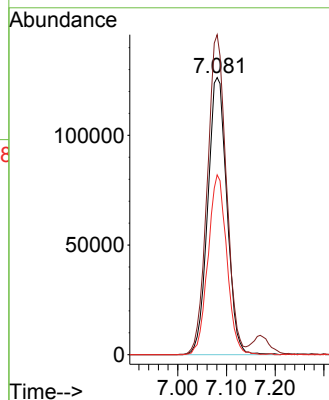
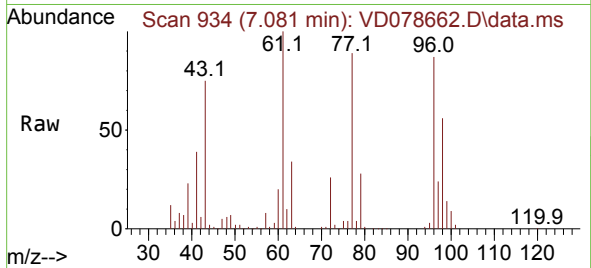




#27
cis-1,2-Dichloroethene
Concen: 152.305 ug/l
RT: 7.081 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

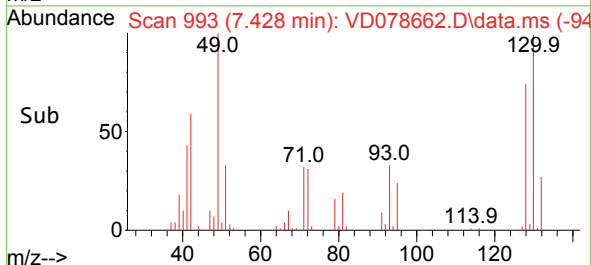
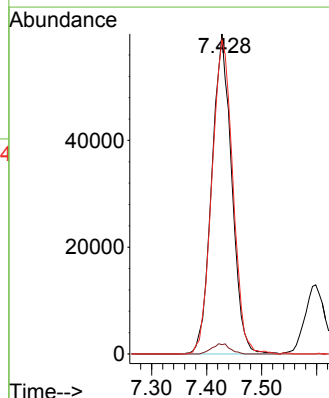
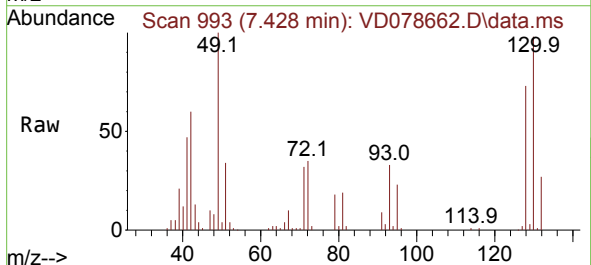
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

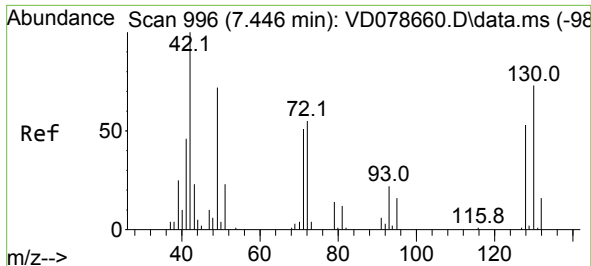
Tgt Ion: 96 Resp: 344370
Ion Ratio Lower Upper
96 100
61 115.2 0.0 245.0
98 63.7 0.0 126.6



#28
Bromochloromethane
Concen: 132.777 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 49 Resp: 151263
Ion Ratio Lower Upper
49 100
129 2.9 0.0 6.2
130 103.1 77.1 115.7





#29

Tetrahydrofuran

Concen: 753.049 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

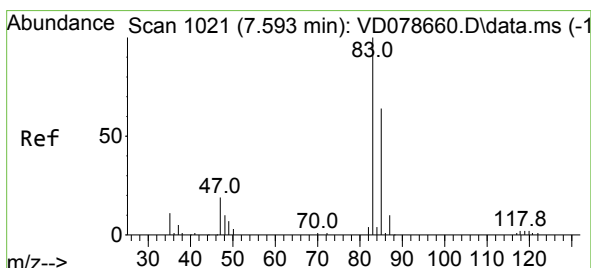
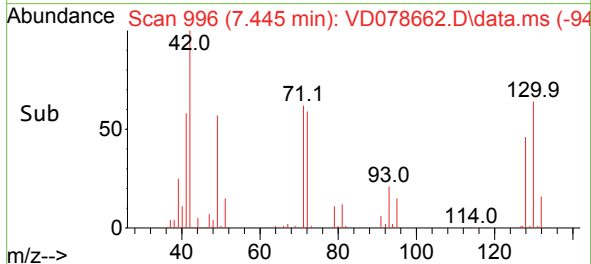
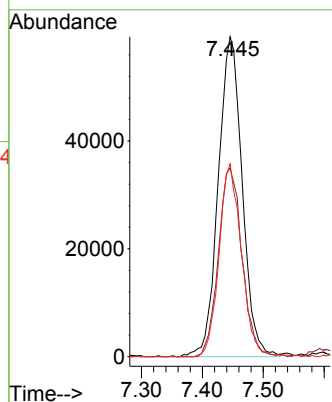
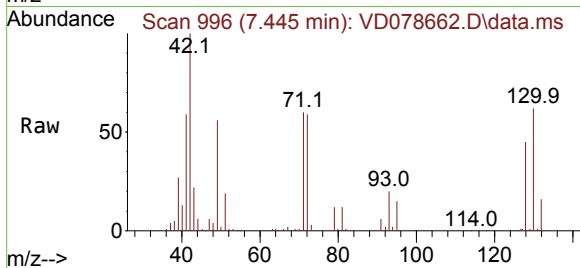
Tgt Ion: 42 Resp: 162040

Ion Ratio Lower Upper

42 100

72 58.1 43.8 65.6

71 56.2 42.0 63.0



#30

Chloroform

Concen: 138.227 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078662.D

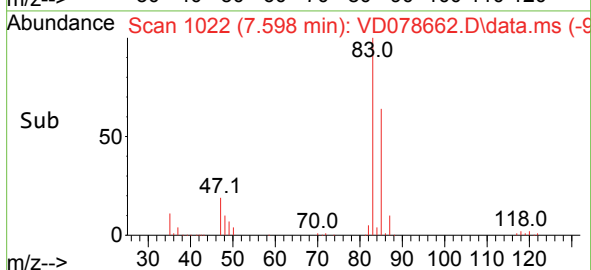
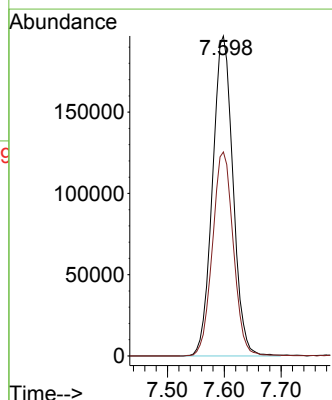
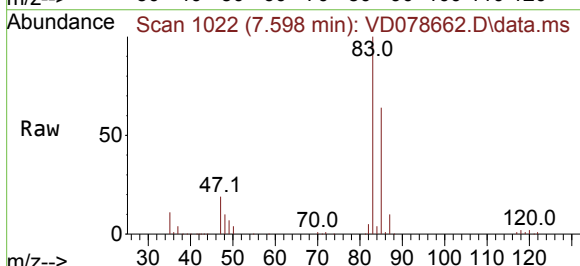
Acq: 14 Mar 2024 12:16

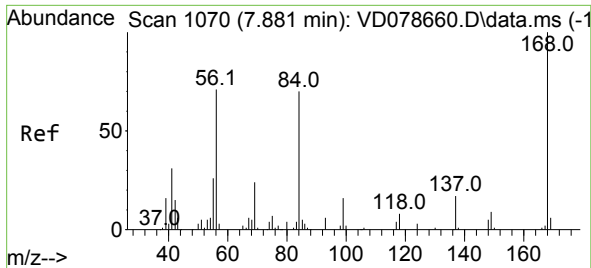
Tgt Ion: 83 Resp: 492482

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8

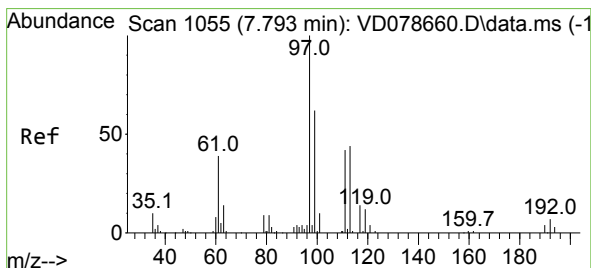
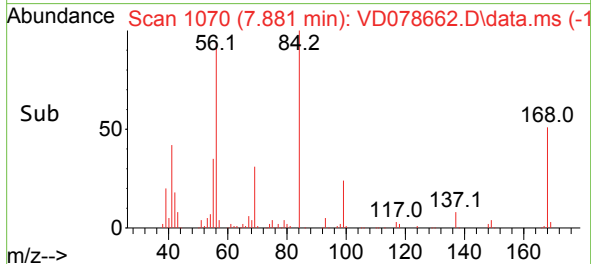
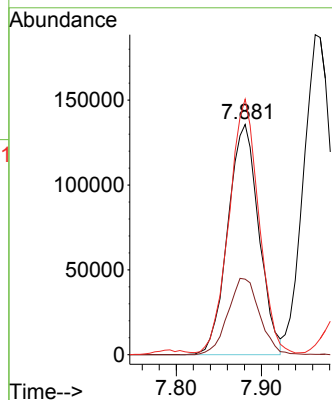
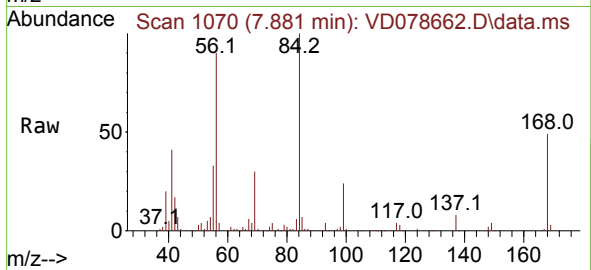




#31
Cyclohexane
Concen: 132.645 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

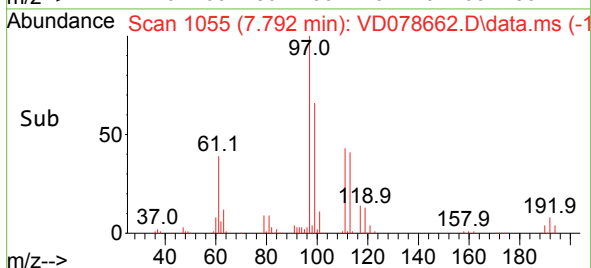
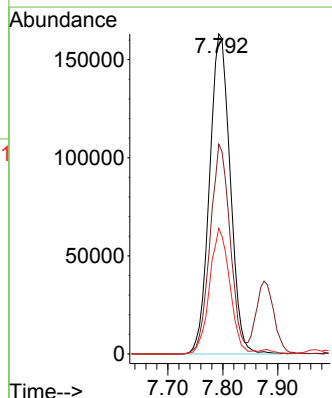
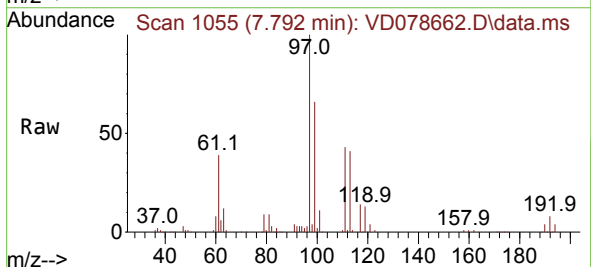
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

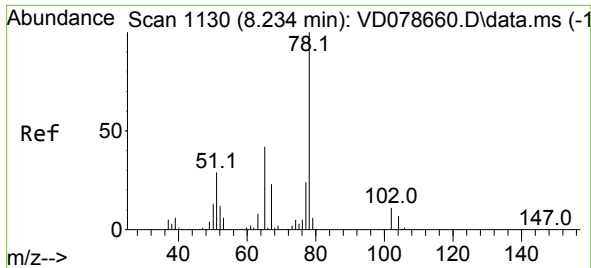
Tgt Ion: 56 Resp: 343082
Ion Ratio Lower Upper
56 100
69 32.8 26.6 40.0
84 109.2 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 140.968 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 97 Resp: 426130
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 38.4 33.0 49.6

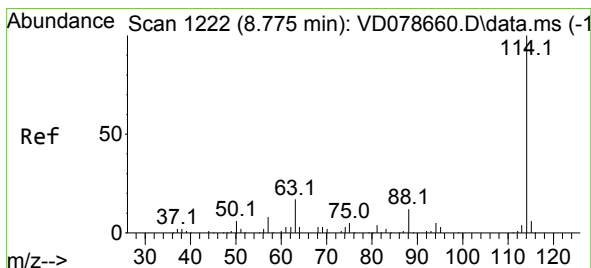
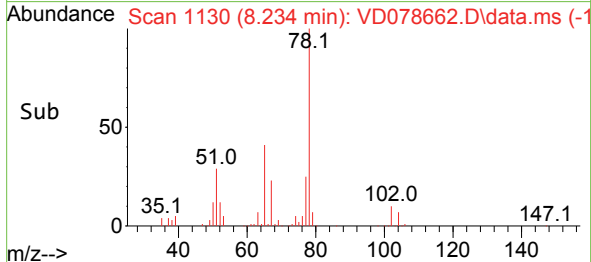
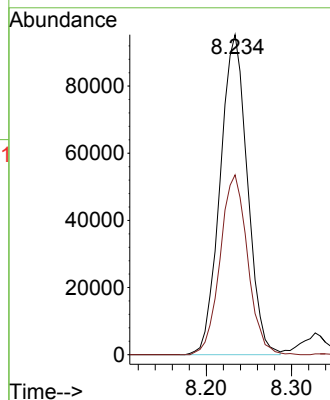
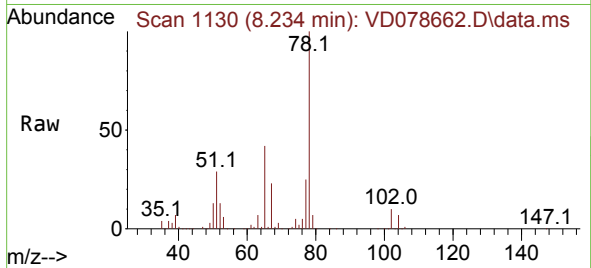




#33
1,2-Dichloroethane-d4
Concen: 137.552 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

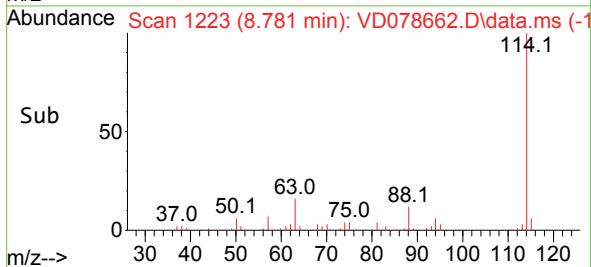
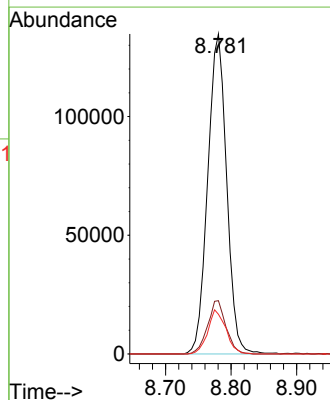
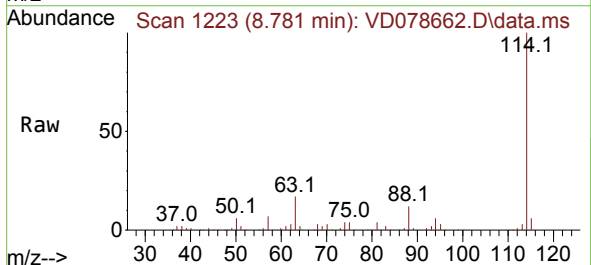
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

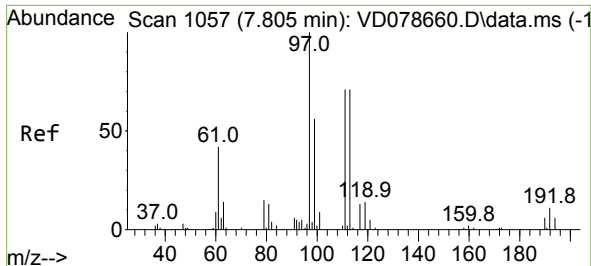
Tgt Ion: 65 Resp: 211668
Ion Ratio Lower Upper
65 100
67 56.6 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 114 Resp: 270370
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.4
88 12.4 0.0 24.6





#35

Dibromofluoromethane

Concen: 147.011 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

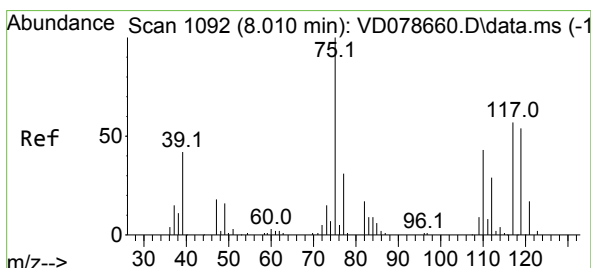
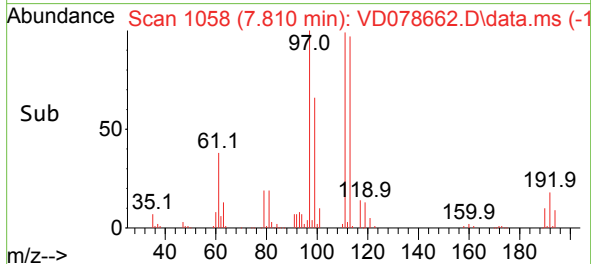
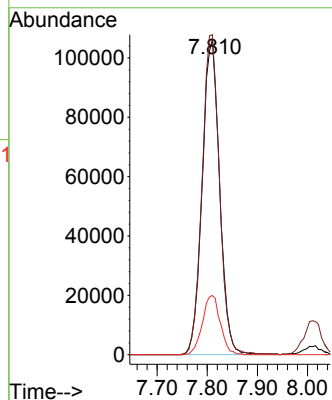
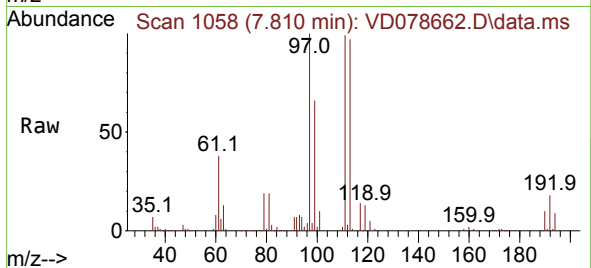
Tgt Ion:113 Resp: 255912

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

192 19.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 148.506 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

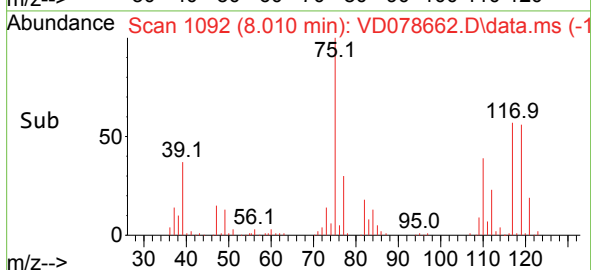
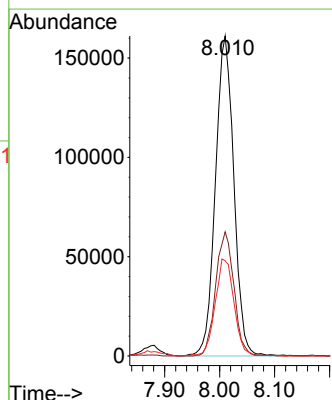
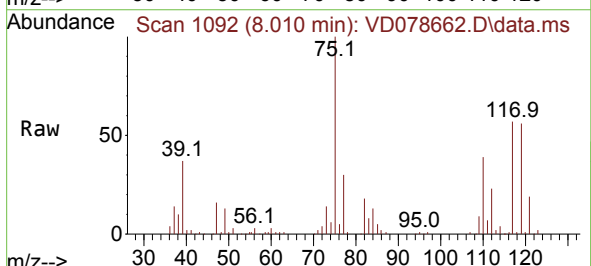
Tgt Ion: 75 Resp: 375089

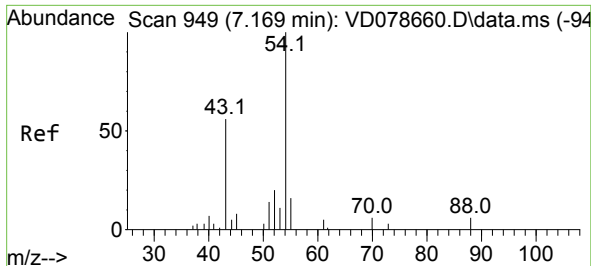
Ion Ratio Lower Upper

75 100

110 38.5 19.1 57.1

77 31.0 25.4 38.2





#37

Ethyl Acetate

Concen: 139.697 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

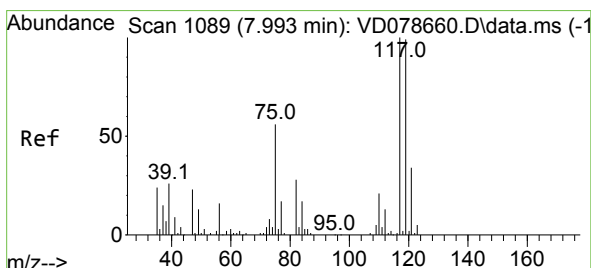
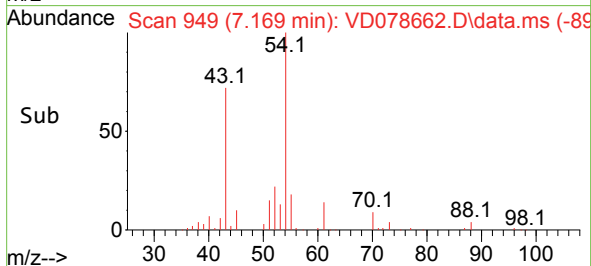
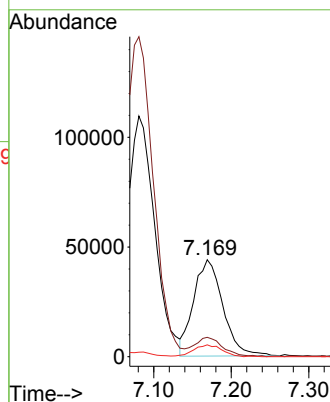
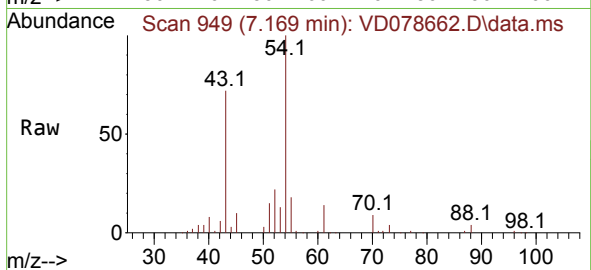
Tgt Ion: 43 Resp: 115268

Ion Ratio Lower Upper

43 100

61 19.6 14.6 21.8

70 11.8 9.4 14.0



#38

Carbon Tetrachloride

Concen: 146.323 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

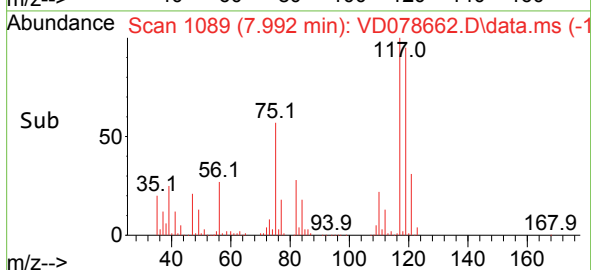
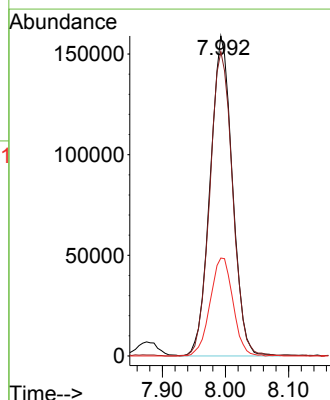
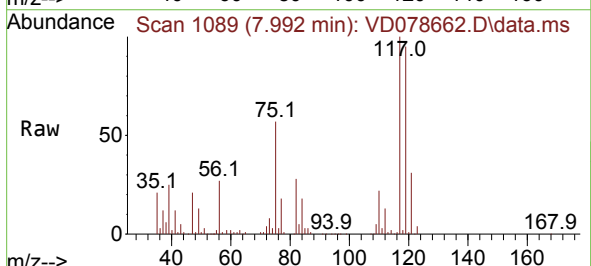
Tgt Ion: 117 Resp: 389618

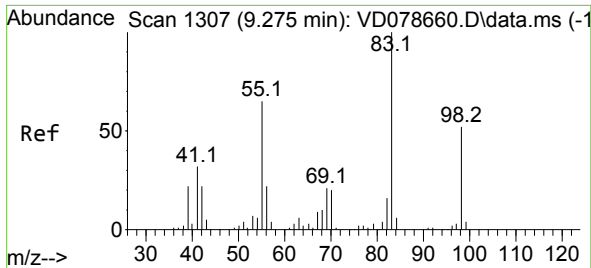
Ion Ratio Lower Upper

117 100

119 95.0 79.2 118.8

121 30.6 26.8 40.2

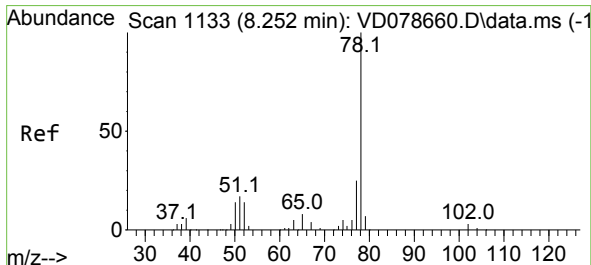
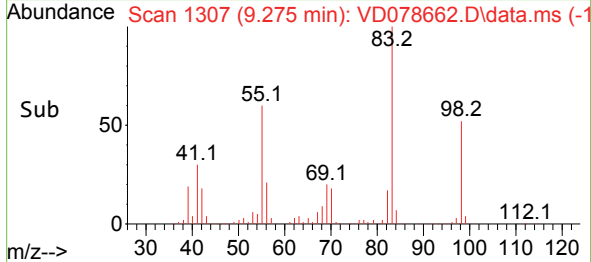
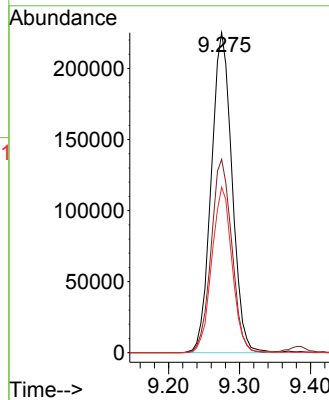
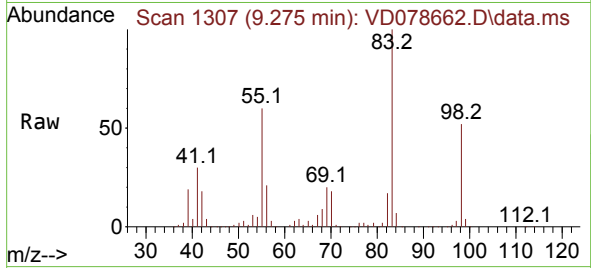




#39
Methylcyclohexane
Concen: 155.980 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

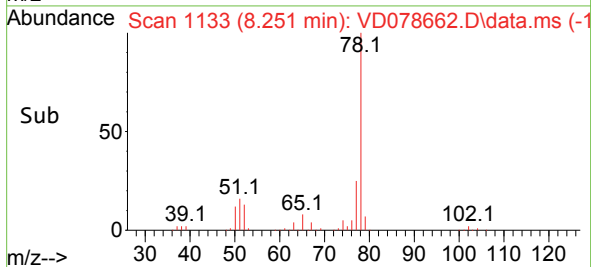
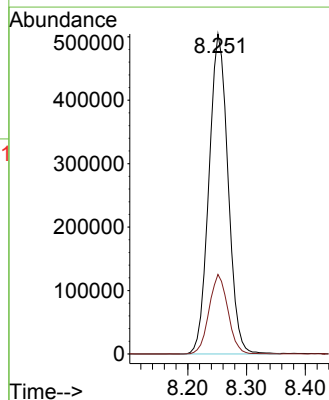
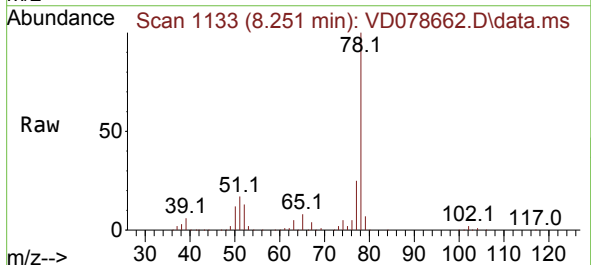
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

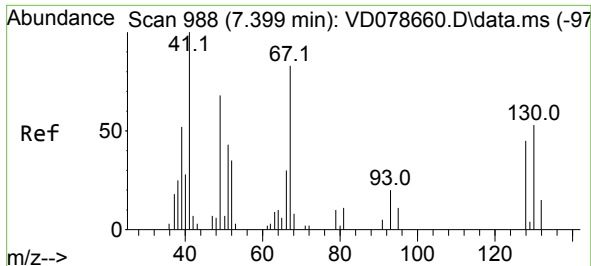
Tgt Ion: 83 Resp: 457014
Ion Ratio Lower Upper
83 100
55 60.5 51.7 77.5
98 51.7 41.4 62.0



#40
Benzene
Concen: 148.720 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 78 Resp: 1135479
Ion Ratio Lower Upper
78 100
77 24.8 20.4 30.6

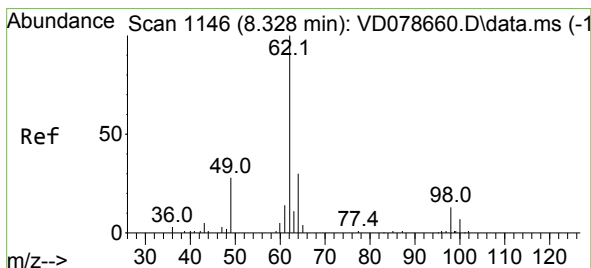
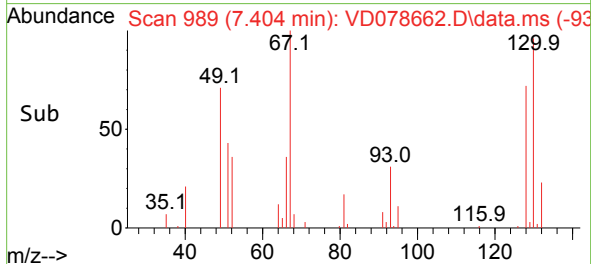
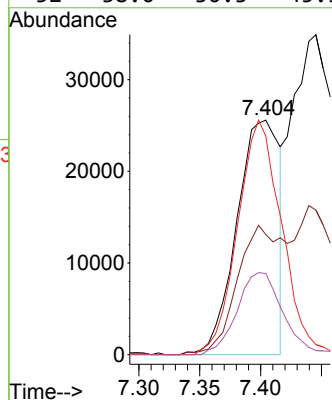
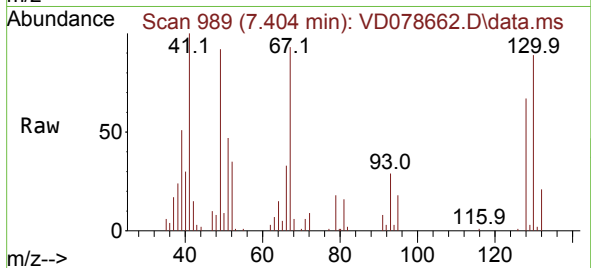




#41
Methacrylonitrile
Concen: 138.935 ug/l
RT: 7.404 min Scan# 910
Delta R.T. 0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

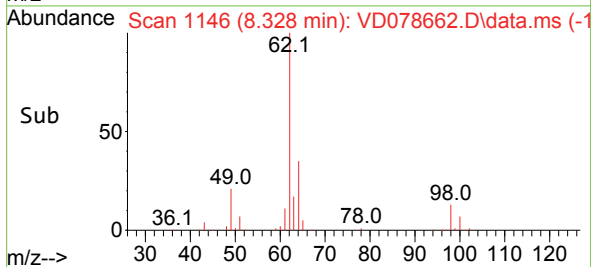
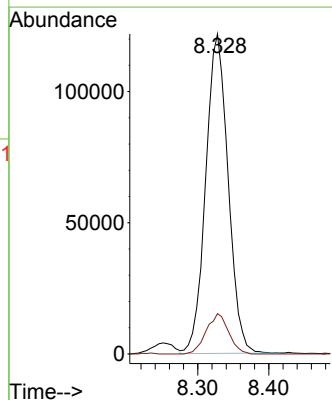
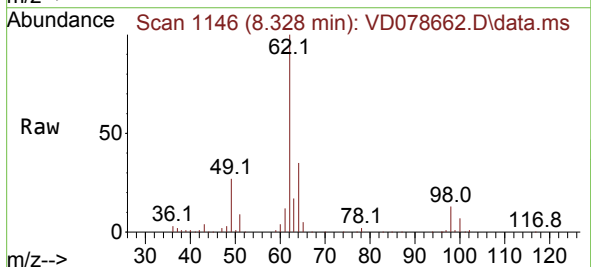
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

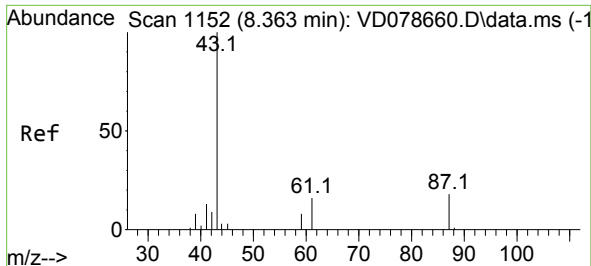
Tgt Ion: 41 Resp: 62437
Ion Ratio Lower Upper
41 100
39 60.4 39.8 59.6#
67 103.1 83.5 125.3
52 38.0 30.3 45.5



#42
1,2-Dichloroethane
Concen: 143.466 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 62 Resp: 267126
Ion Ratio Lower Upper
62 100
98 12.5 0.0 23.8

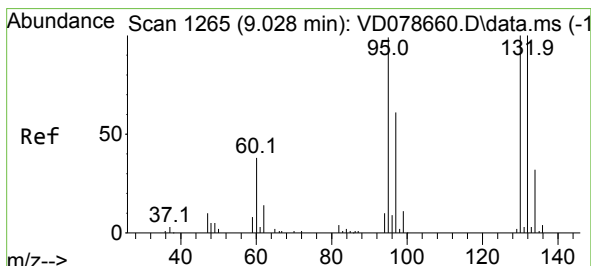
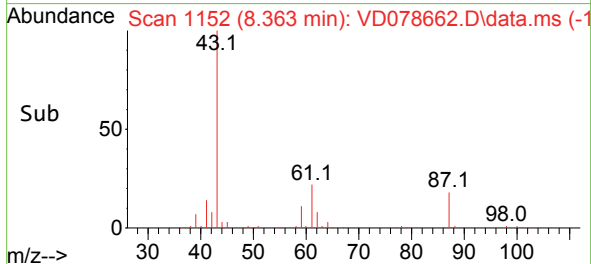
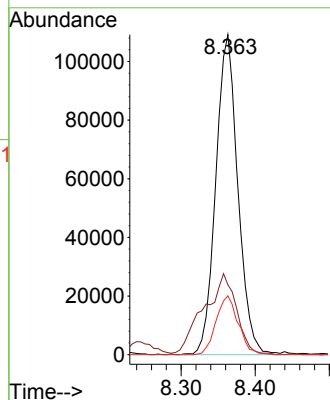
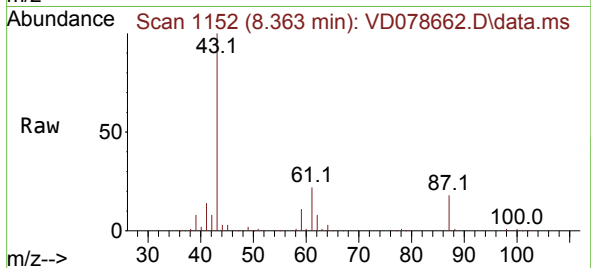




#43
Isopropyl Acetate
Concen: 150.522 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

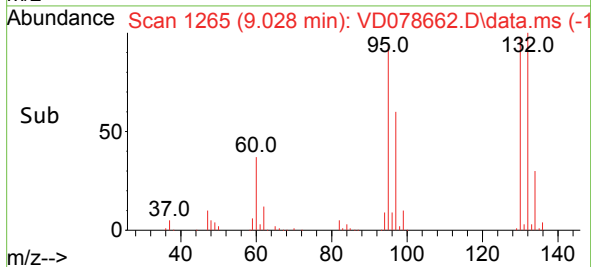
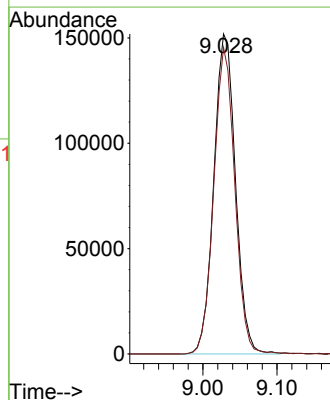
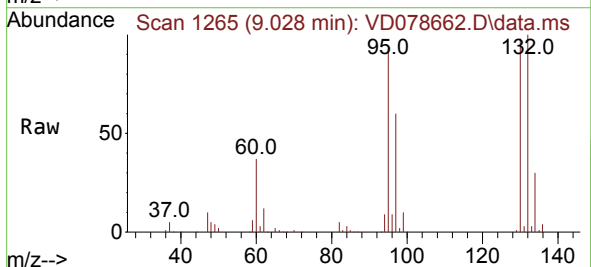
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

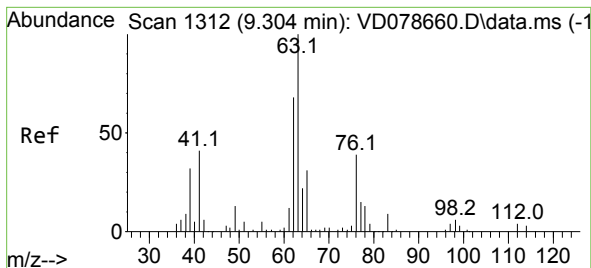
Tgt Ion: 43 Resp: 225870
Ion Ratio Lower Upper
43 100
61 37.5 30.1 45.1
87 18.5 14.4 21.6



#44
Trichloroethene
Concen: 148.742 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion:130 Resp: 308194
Ion Ratio Lower Upper
130 100
95 95.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 146.720 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

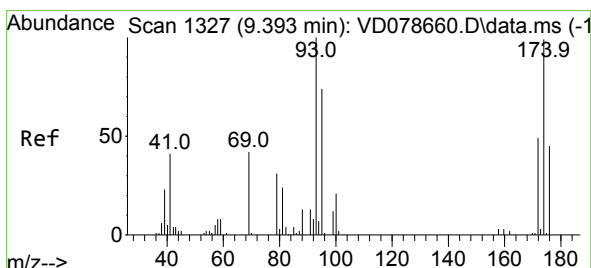
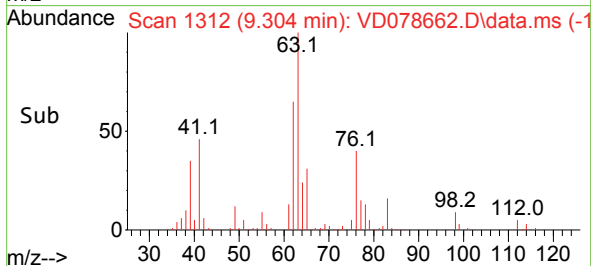
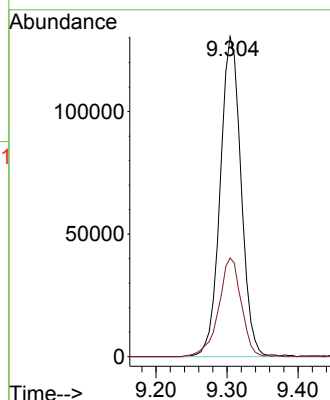
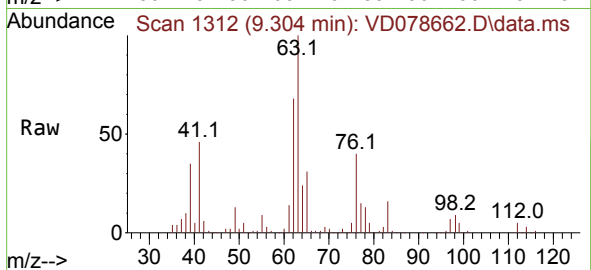
VSTDICC150

Tgt Ion: 63 Resp: 265735

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



#46

Dibromomethane

Concen: 147.861 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

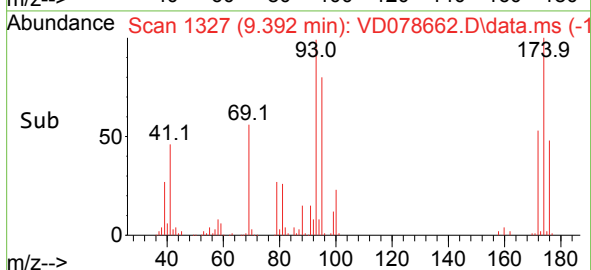
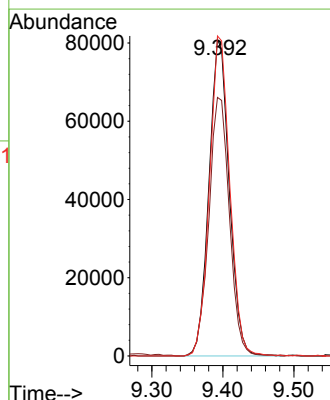
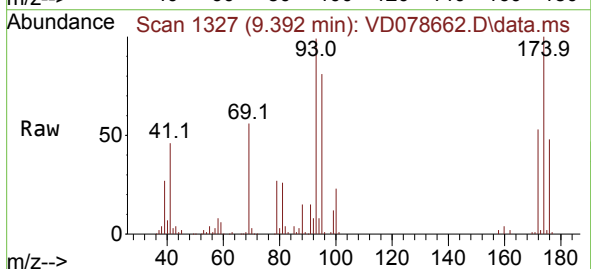
Tgt Ion: 93 Resp: 160534

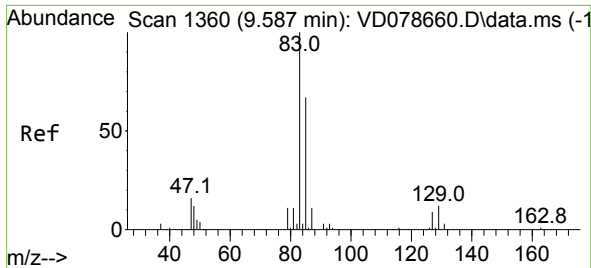
Ion Ratio Lower Upper

93 100

95 83.1 67.3 100.9

174 101.0 80.9 121.3

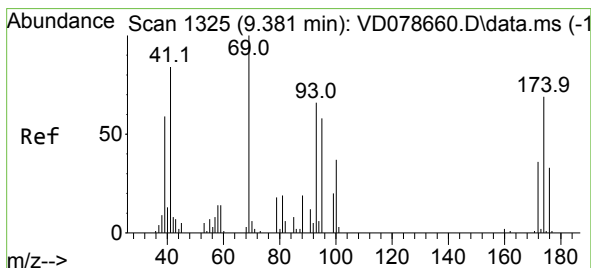
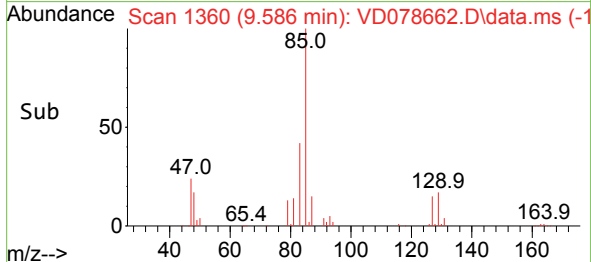
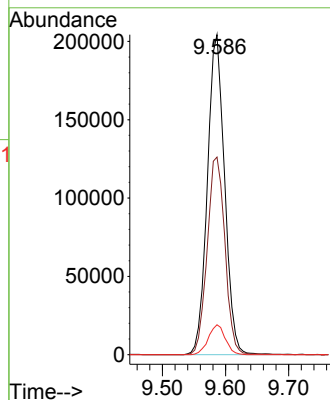
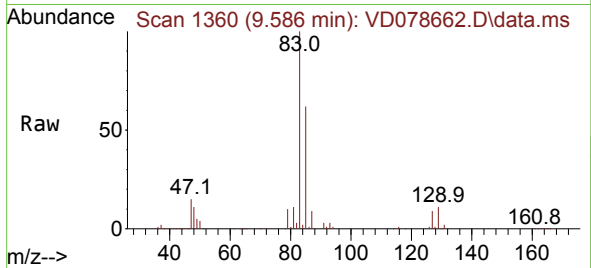




#47
Bromodichloromethane
Concen: 149.753 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

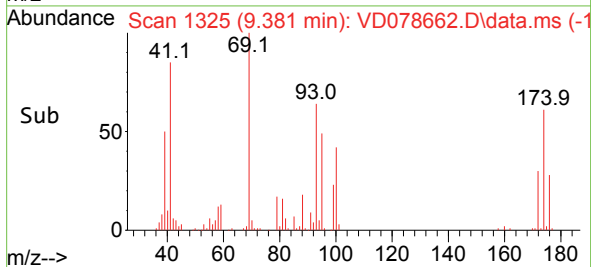
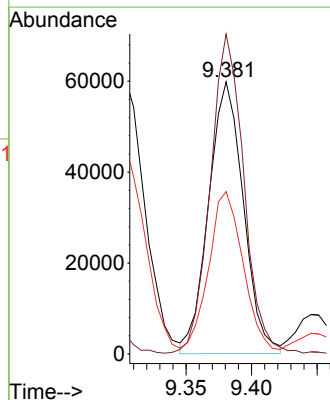
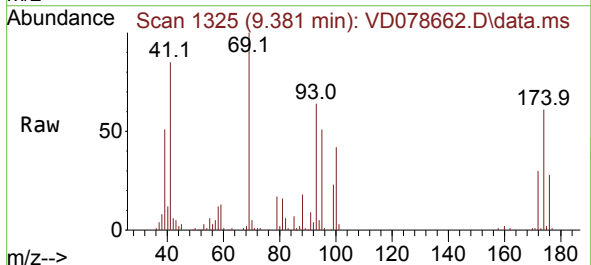
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

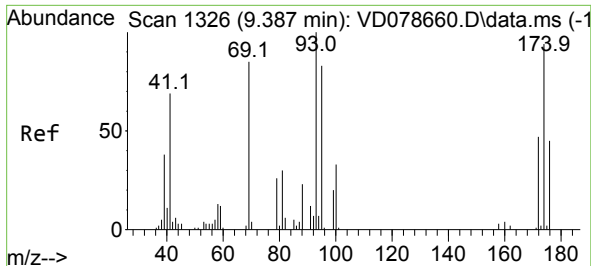
Tgt Ion: 83 Resp: 387056
Ion Ratio Lower Upper
83 100
85 61.7 54.0 81.0
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 151.004 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 41 Resp: 110408
Ion Ratio Lower Upper
41 100
69 113.8 88.3 132.5
39 59.4 46.6 69.8





#49

1,4-Dioxane

Concen: 3024.521 ug/l

RT: 9.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

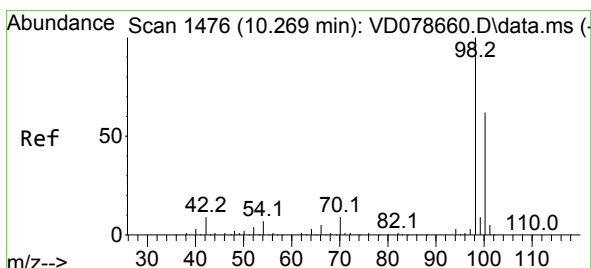
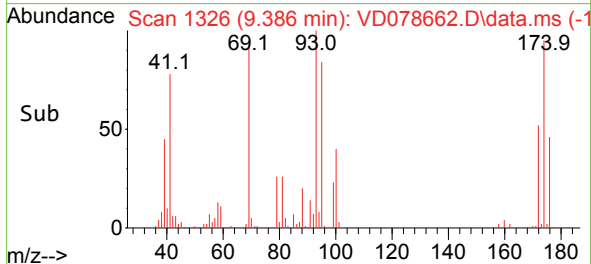
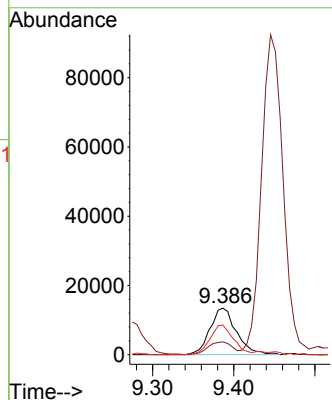
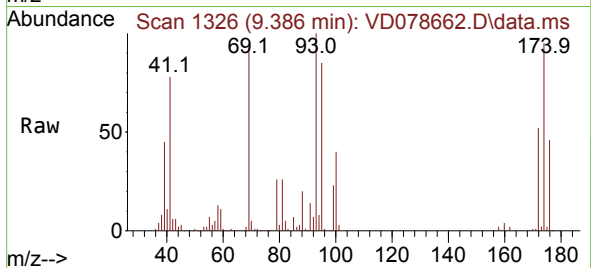
Tgt Ion: 88 Resp: 30404

Ion Ratio Lower Upper

88 100

43 25.1 23.2 34.8

58 56.1 51.0 76.6



#50

Toluene-d8

Concen: 155.739 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078662.D

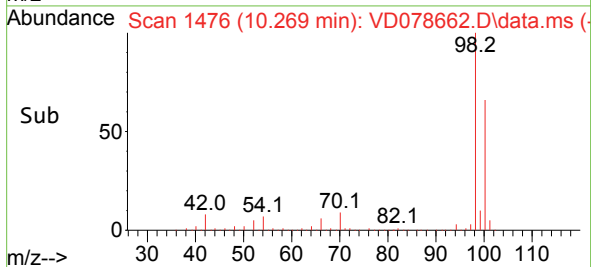
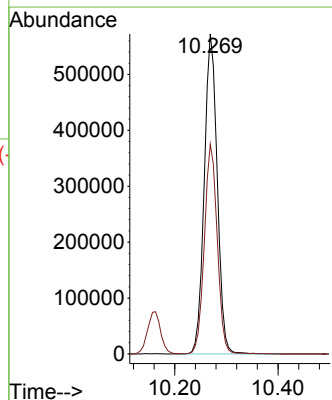
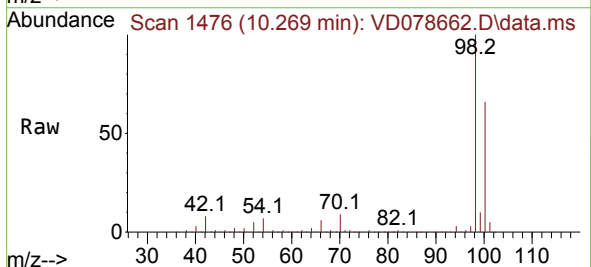
Acq: 14 Mar 2024 12:16

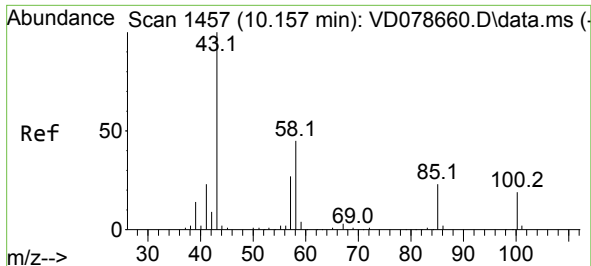
Tgt Ion: 98 Resp: 997050

Ion Ratio Lower Upper

98 100

100 65.1 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 768.550 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

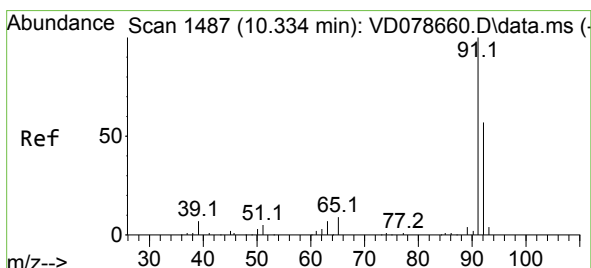
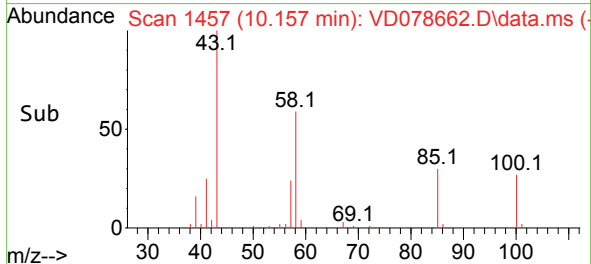
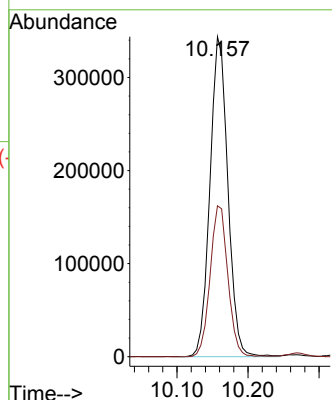
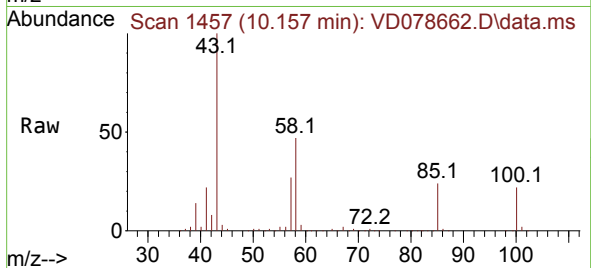
VSTDIC150

Tgt Ion: 43 Resp: 602923

Ion Ratio Lower Upper

43 100

58 46.8 36.4 54.6



#52

Toluene

Concen: 157.097 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078662.D

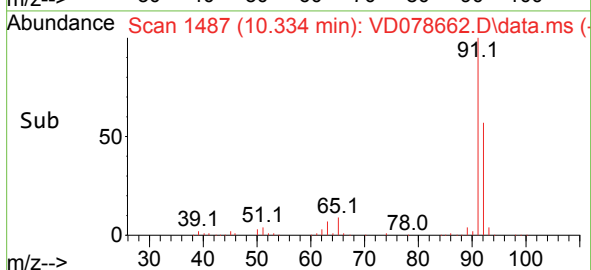
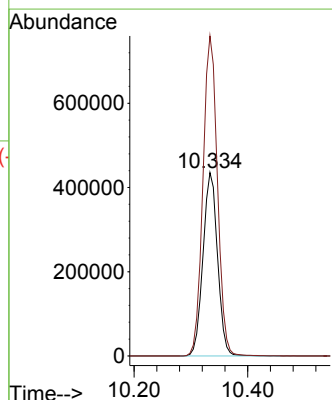
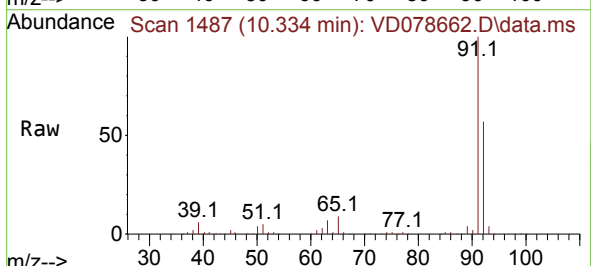
Acq: 14 Mar 2024 12:16

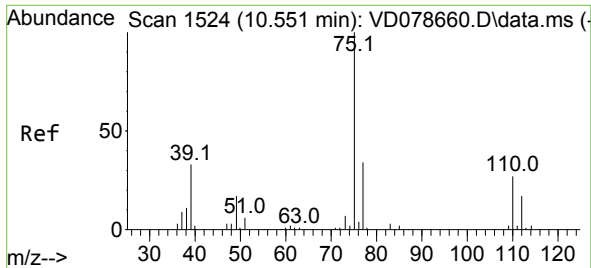
Tgt Ion: 92 Resp: 772209

Ion Ratio Lower Upper

92 100

91 174.2 136.6 205.0

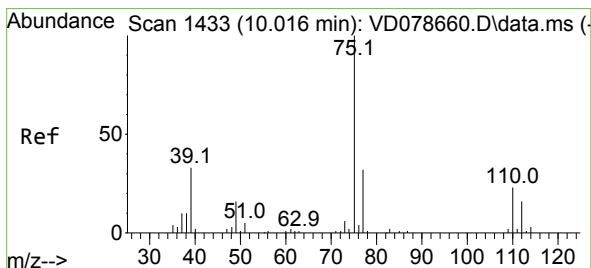
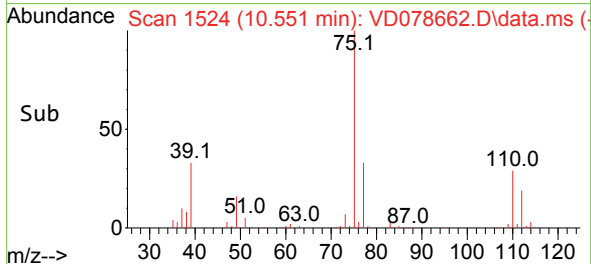
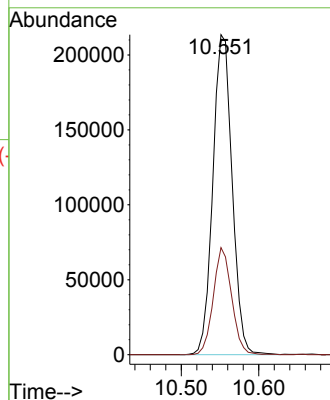
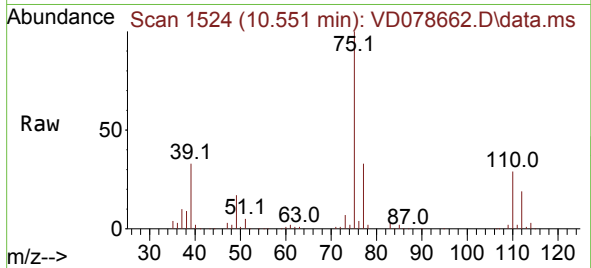




#53
t-1,3-Dichloropropene
Concen: 155.998 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

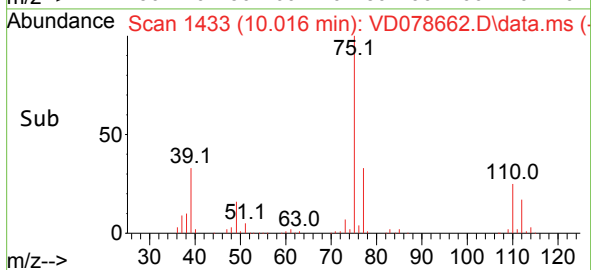
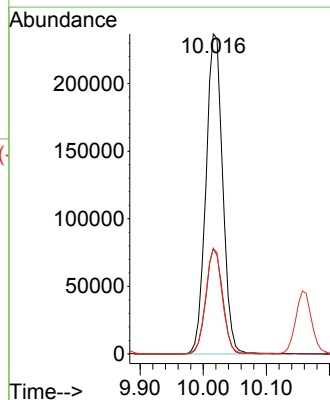
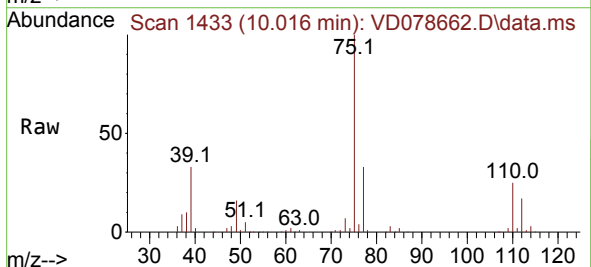
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

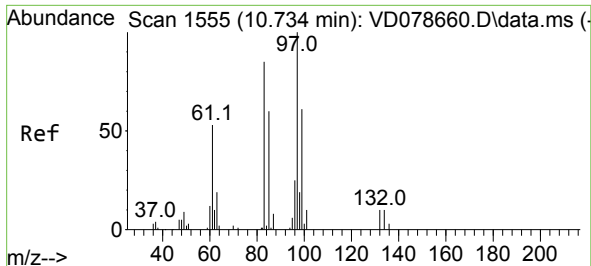
Tgt Ion: 75 Resp: 368645
Ion Ratio Lower Upper
75 100
77 33.5 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 153.588 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 75 Resp: 436320
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
39 32.9 26.7 40.1



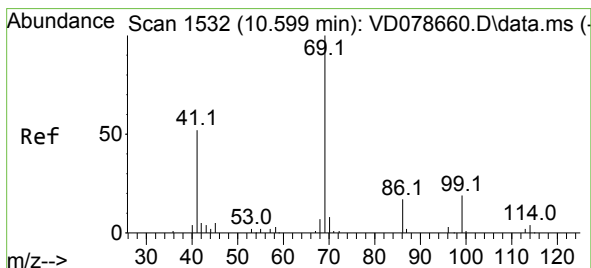
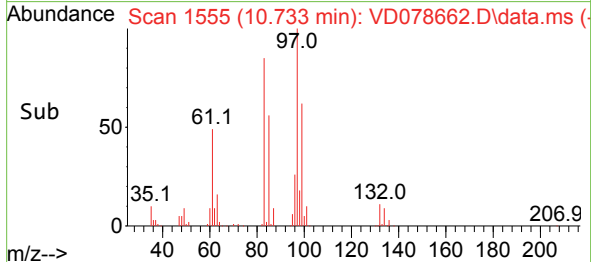
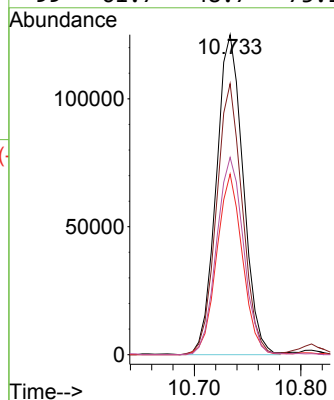
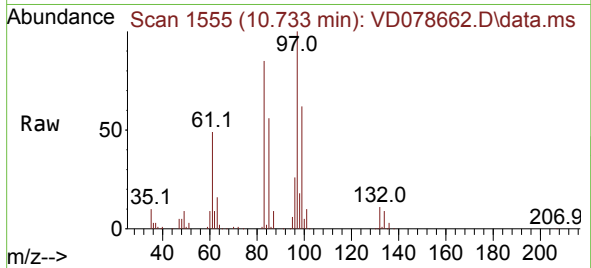


#55
1,1,2-Trichloroethane
Concen: 150.817 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 219272

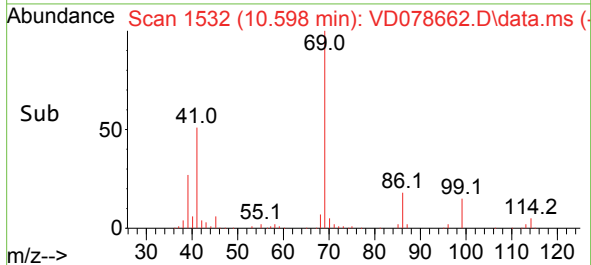
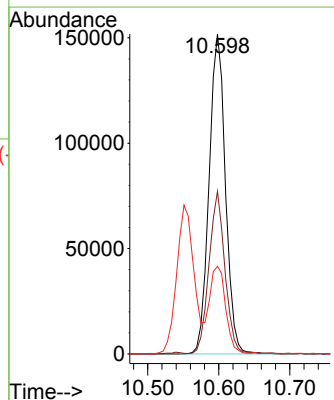
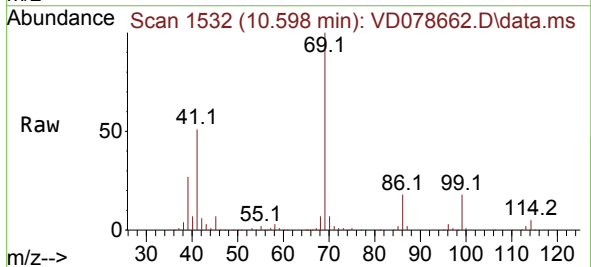
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.1	102.1
85	56.4	48.2	72.2
99	61.7	48.7	73.1

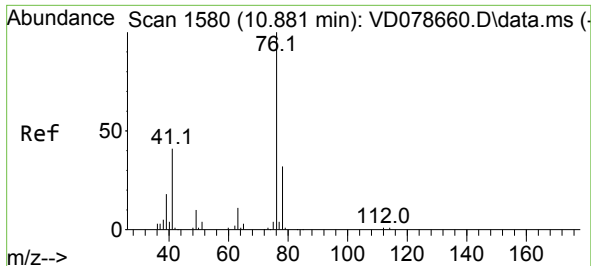


#56
Ethyl methacrylate
Concen: 166.522 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 69 Resp: 242706

Ion	Ratio	Lower	Upper
69	100		
41	49.2	40.9	61.3
39	28.0	25.5	38.3

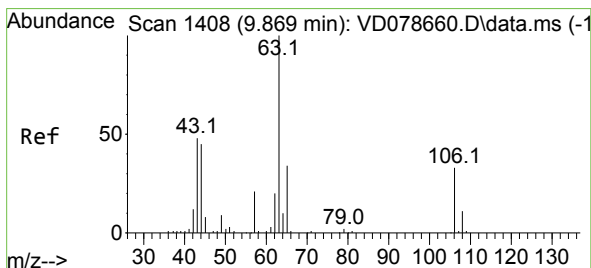
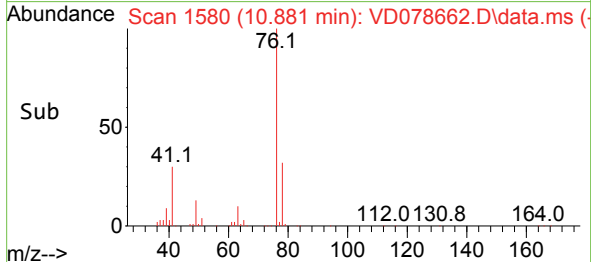
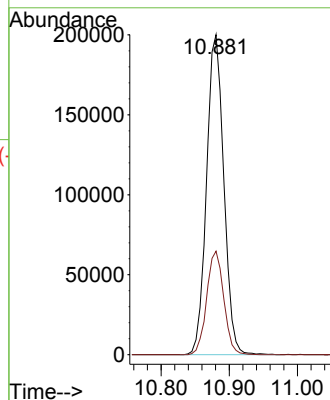
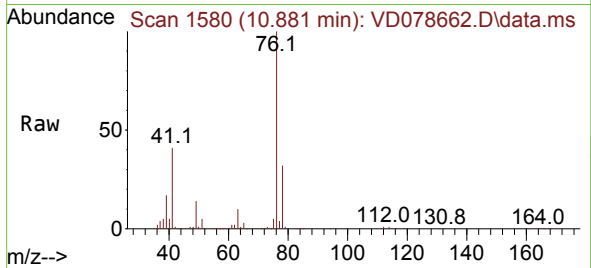




#57
1,3-Dichloropropane
Concen: 150.117 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

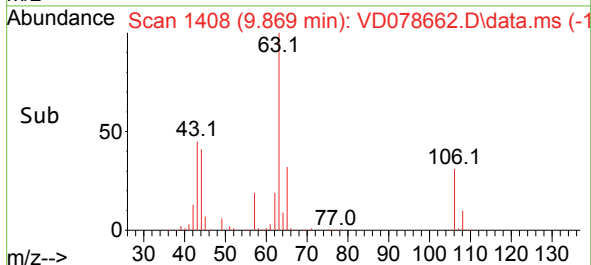
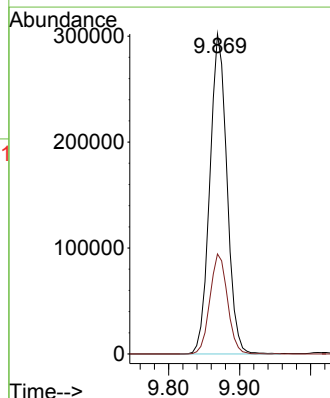
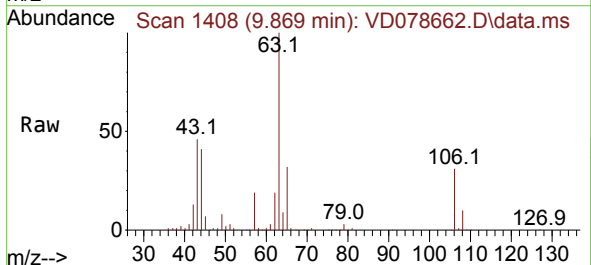
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

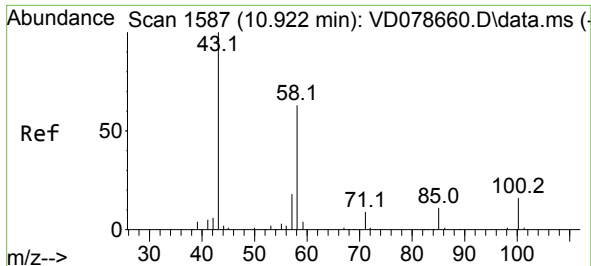
Tgt Ion: 76 Resp: 352171
Ion Ratio Lower Upper
76 100
78 32.0 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 787.966 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 63 Resp: 506402
Ion Ratio Lower Upper
63 100
106 31.9 25.2 37.8

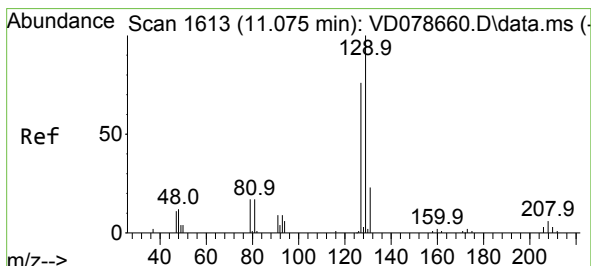
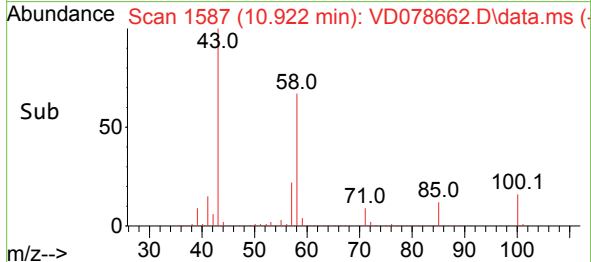
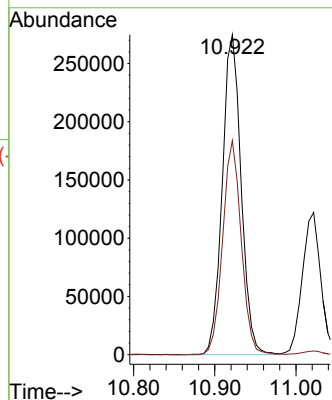
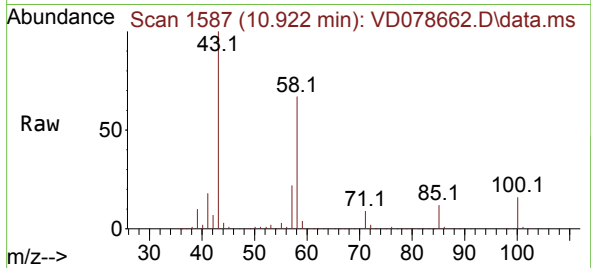




#59
2-Hexanone
Concen: 763.258 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

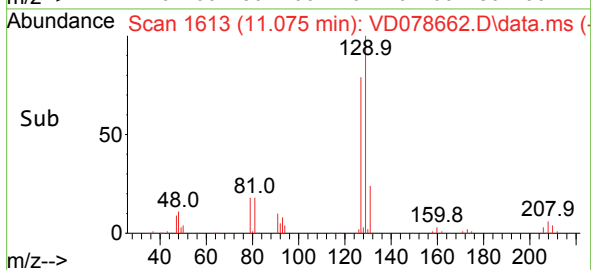
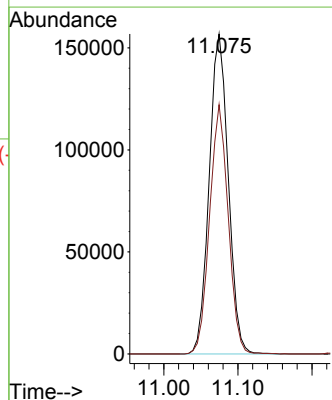
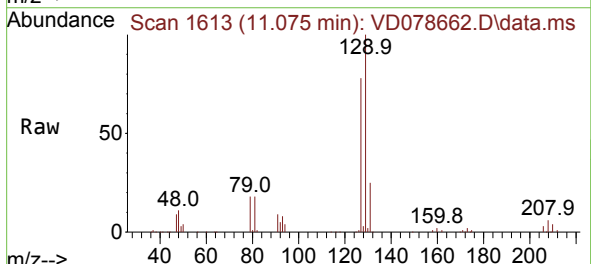
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

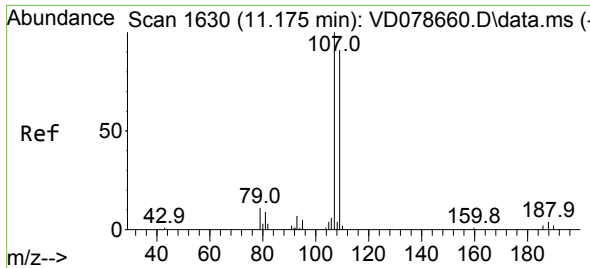
Tgt Ion: 43 Resp: 443874
Ion Ratio Lower Upper
43 100
58 65.9 31.5 94.5



#60
Dibromochloromethane
Concen: 156.489 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 129 Resp: 280581
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3

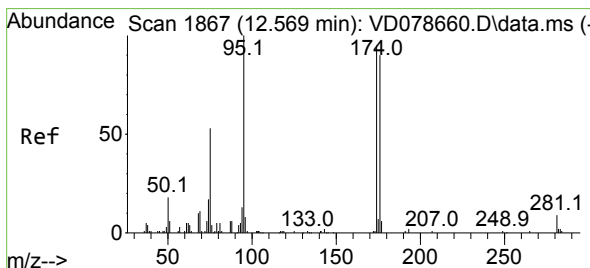
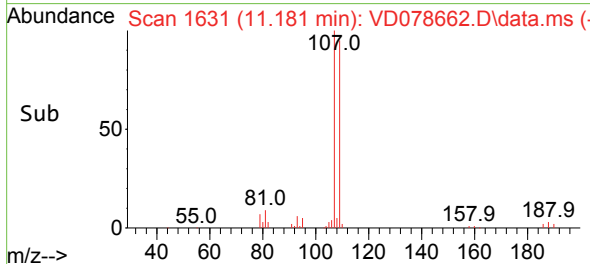
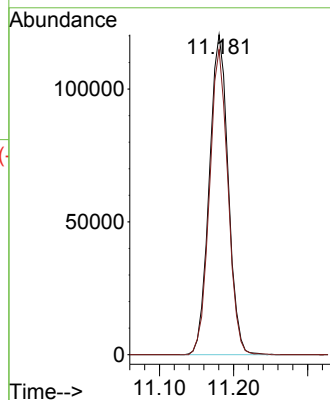
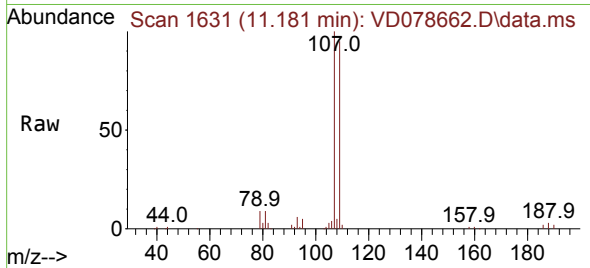




#61
1,2-Dibromoethane
Concen: 151.872 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

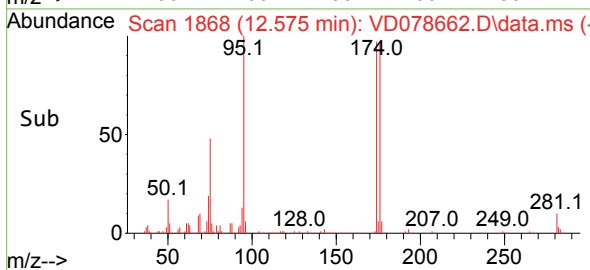
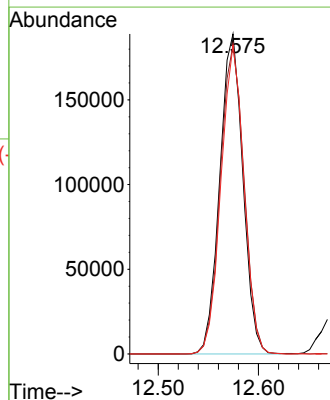
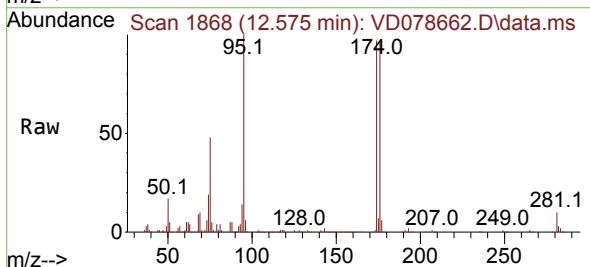
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

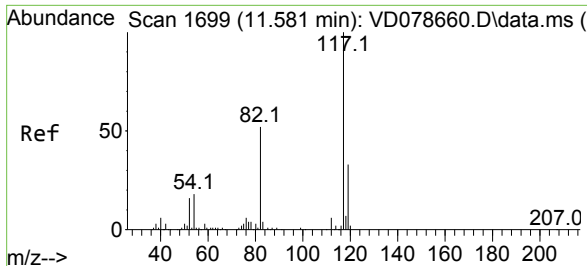
Tgt Ion:107 Resp: 213687
Ion Ratio Lower Upper
107 100
109 92.8 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 160.938 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 95 Resp: 301428
Ion Ratio Lower Upper
95 100
174 99.2 0.0 195.2
176 95.9 0.0 188.2

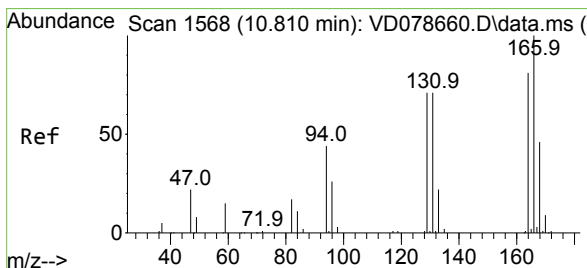
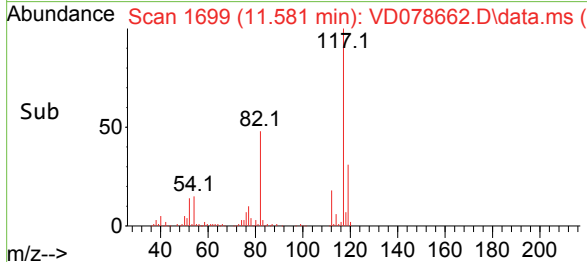
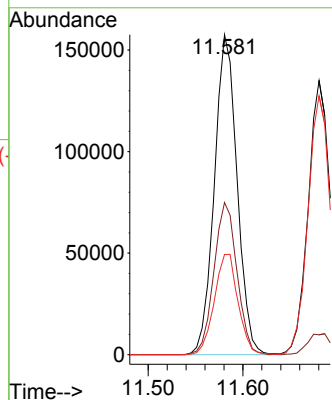
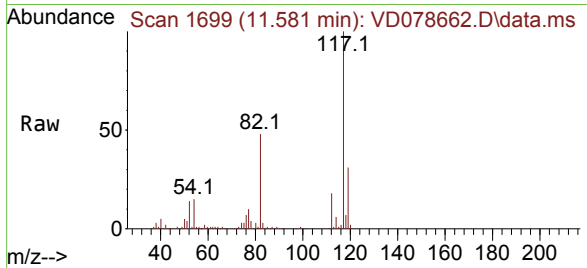




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

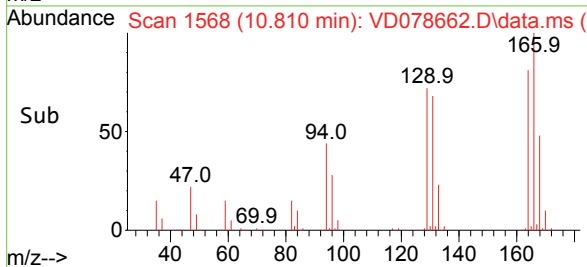
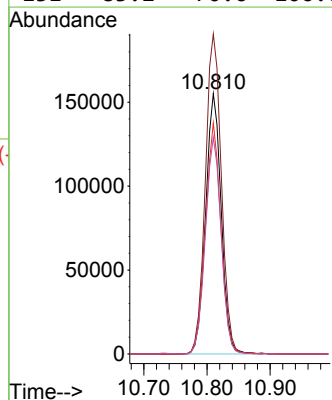
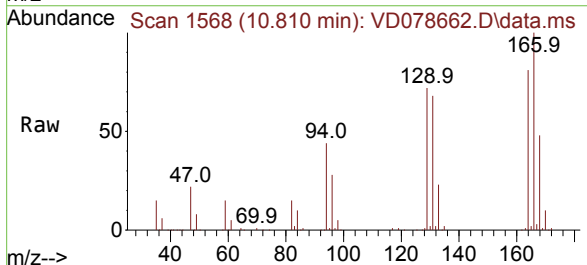
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

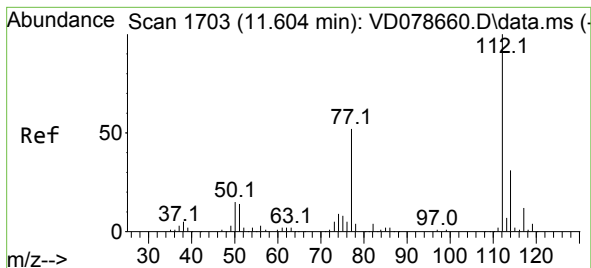
Tgt Ion:117 Resp: 262790
Ion Ratio Lower Upper
117 100
82 47.5 41.4 62.2
119 31.3 26.5 39.7



#64
Tetrachloroethene
Concen: 153.386 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion:164 Resp: 266744
Ion Ratio Lower Upper
164 100
166 122.9 98.9 148.3
129 88.7 70.3 105.5
131 83.2 70.6 106.0





#65

Chlorobenzene

Concen: 149.769 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

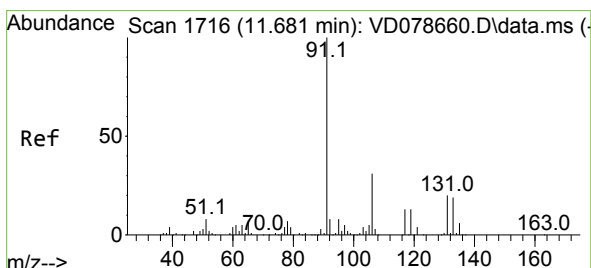
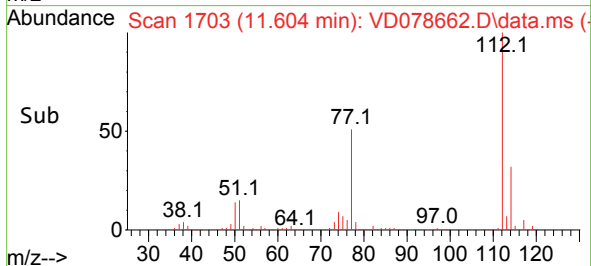
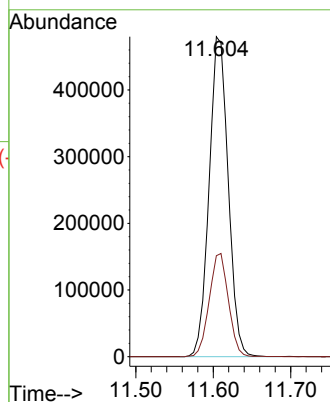
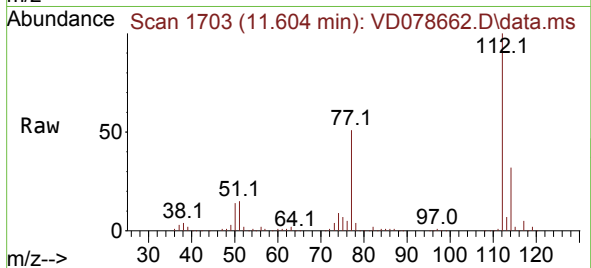
VSTDIC150

Tgt Ion:112 Resp: 822454

Ion Ratio Lower Upper

112 100

114 31.5 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 159.582 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

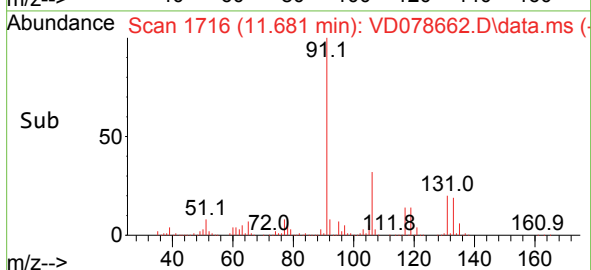
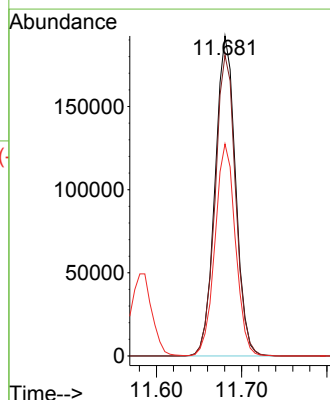
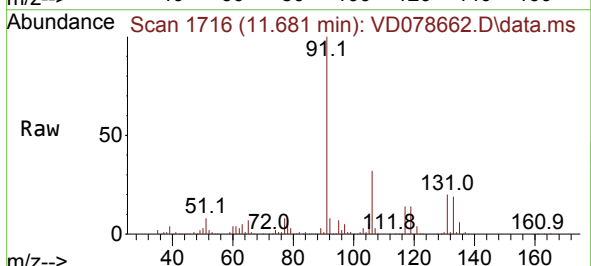
Tgt Ion:131 Resp: 320942

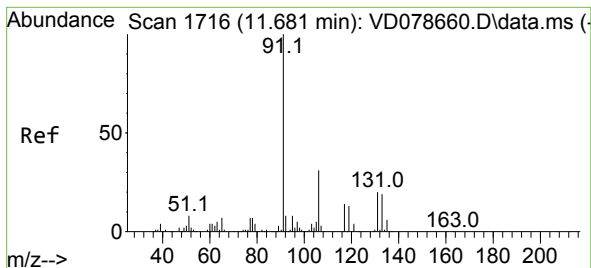
Ion Ratio Lower Upper

131 100

133 94.5 47.6 142.9

119 66.4 34.1 102.3





#67

Ethyl Benzene

Concen: 162.274 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

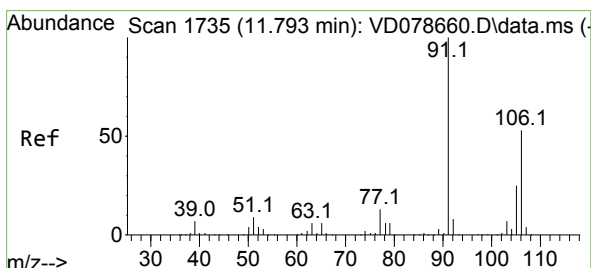
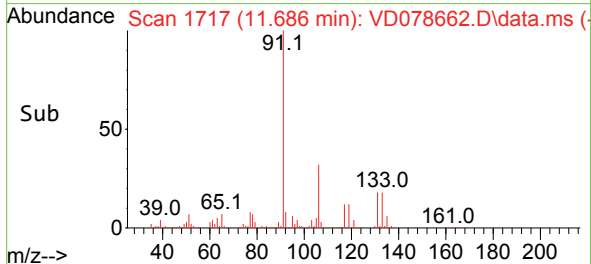
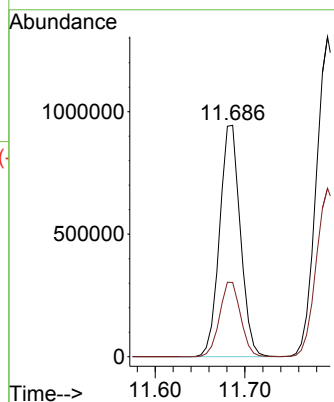
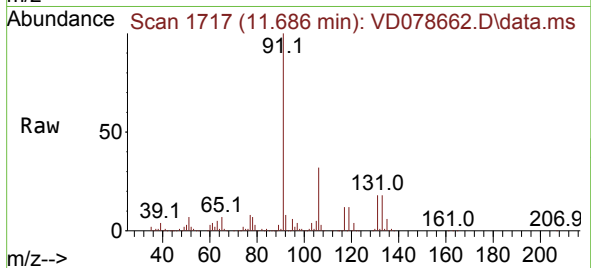
VSTDIC150

Tgt Ion: 91 Resp: 1518538

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 330.090 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078662.D

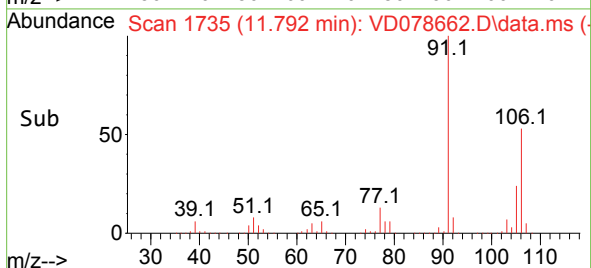
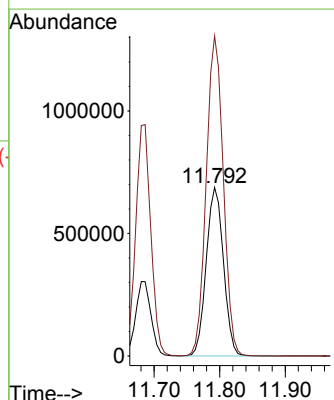
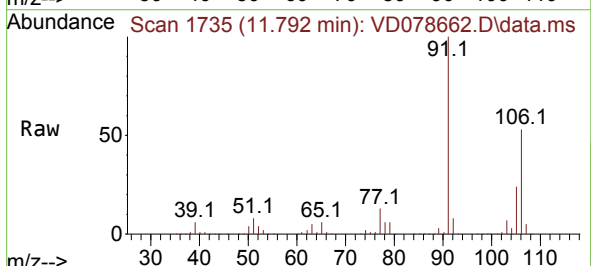
Acq: 14 Mar 2024 12:16

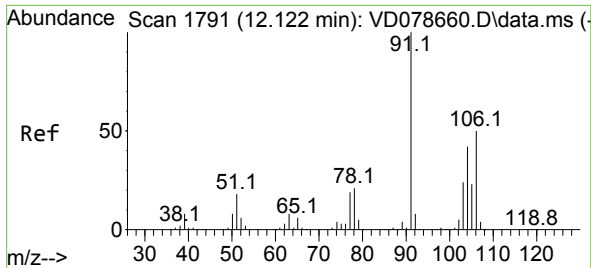
Tgt Ion:106 Resp: 1254324

Ion Ratio Lower Upper

106 100

91 188.6 154.4 231.6

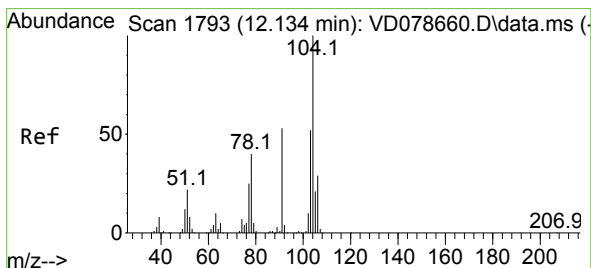
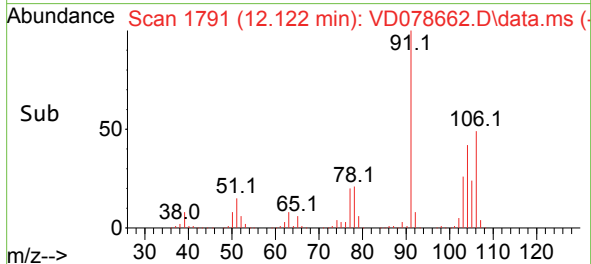
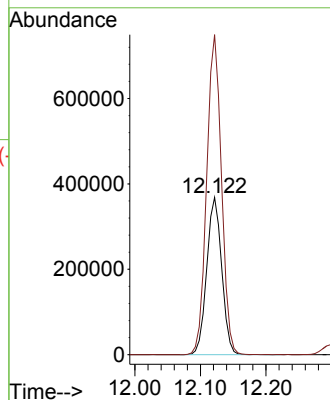
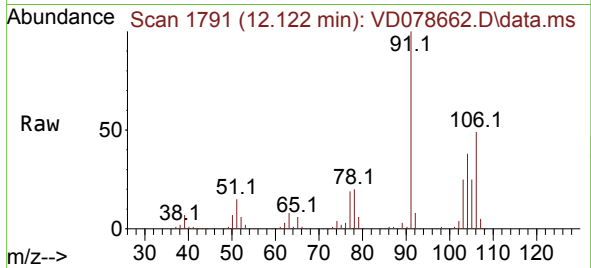




#69
o-Xylene
Concen: 166.192 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

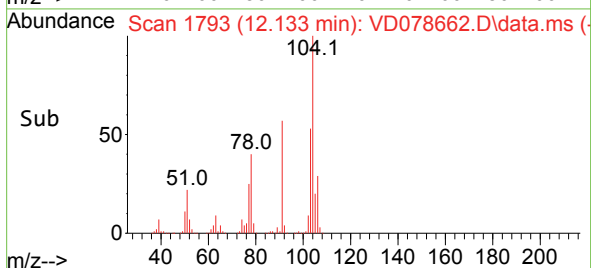
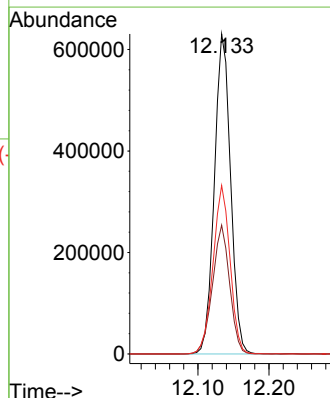
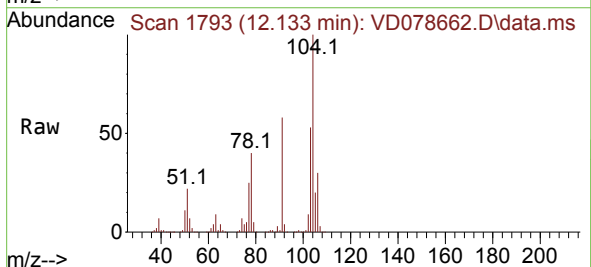
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

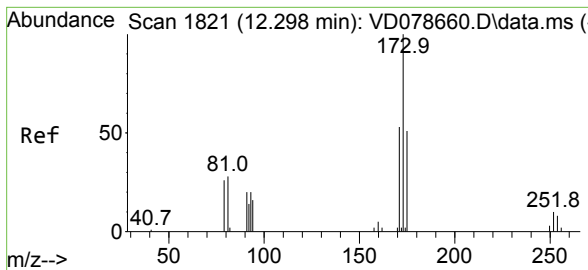
Tgt Ion:106 Resp: 584304
Ion Ratio Lower Upper
106 100
91 201.5 99.6 298.7



#70
Styrene
Concen: 169.560 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion:104 Resp: 1000596
Ion Ratio Lower Upper
104 100
78 42.8 34.6 52.0
103 55.3 44.2 66.2

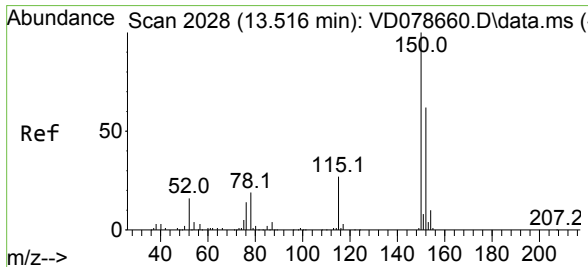
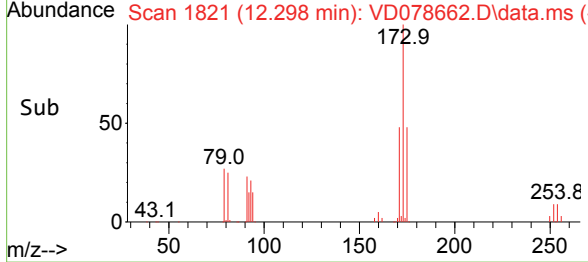
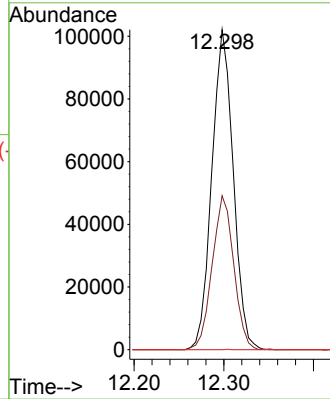
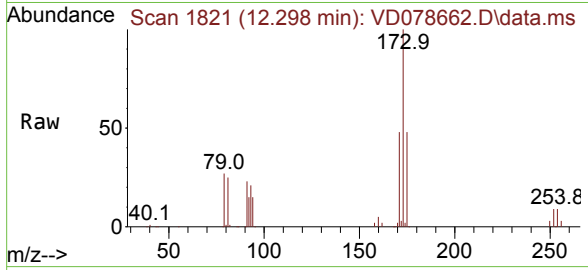




#71
 Bromoform
 Concen: 155.466 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

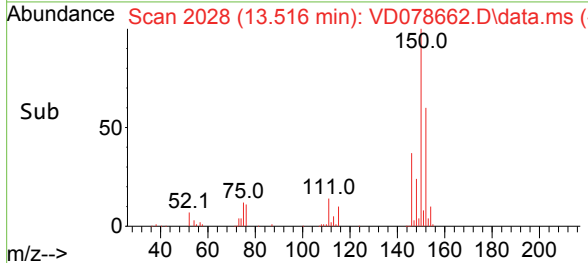
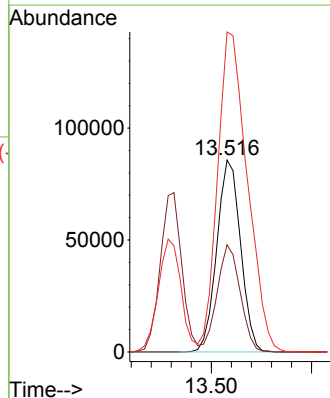
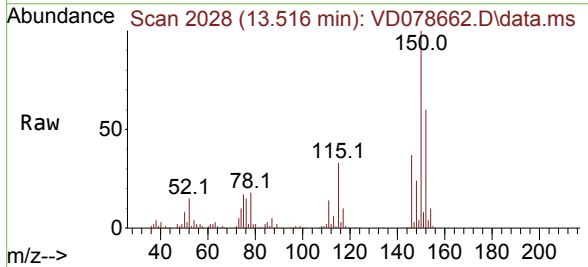
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

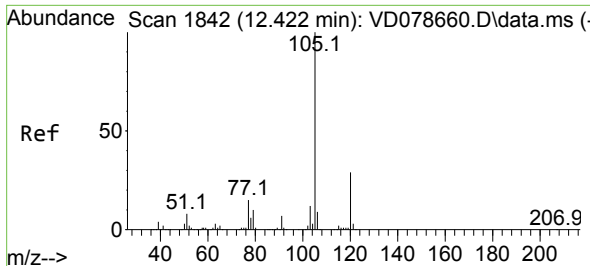
Tgt Ion:	173	Resp:	168970
Ion Ratio	Lower	Upper	
173	100		
175	48.6	25.8	77.4
254	0.0	0.0	0.0#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

Tgt Ion:	152	Resp:	141226
Ion Ratio	Lower	Upper	
152	100		
115	54.4	27.1	81.2
150	208.4	0.0	350.2

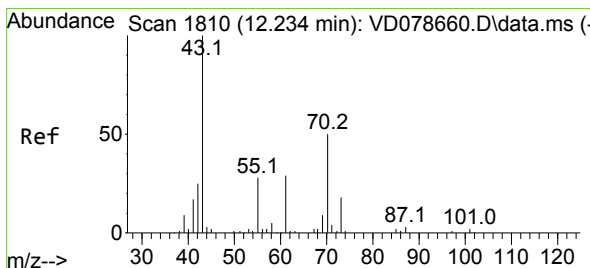
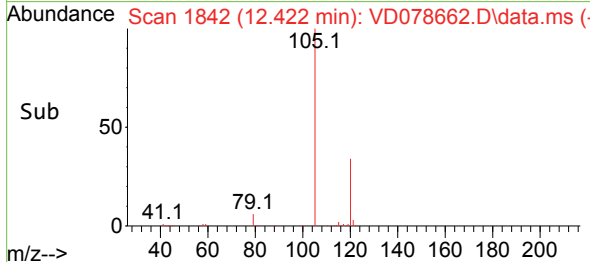
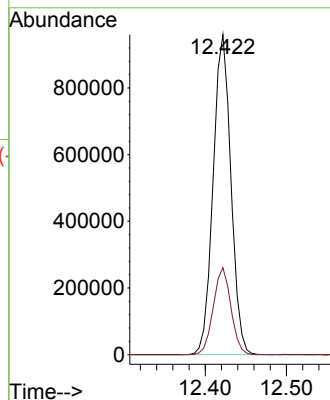
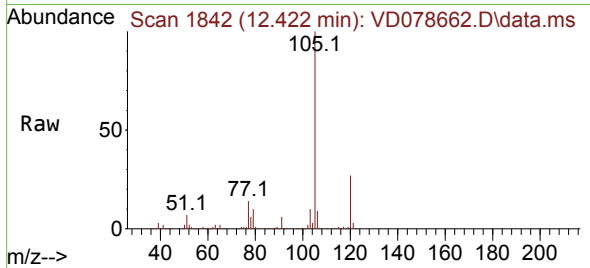




#73
Isopropylbenzene
Concen: 157.047 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

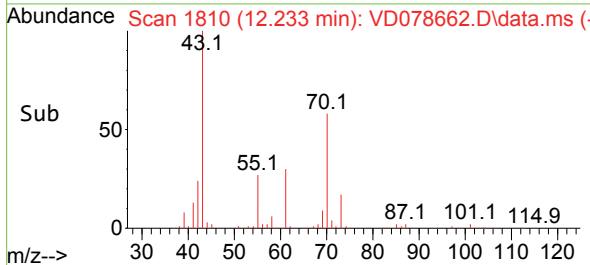
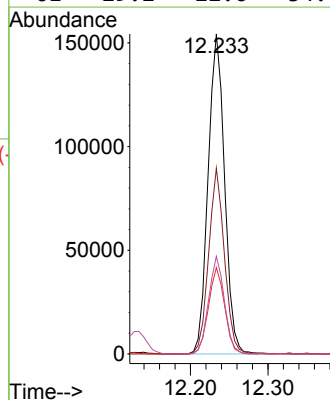
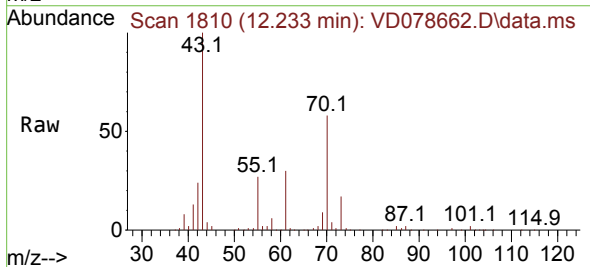
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

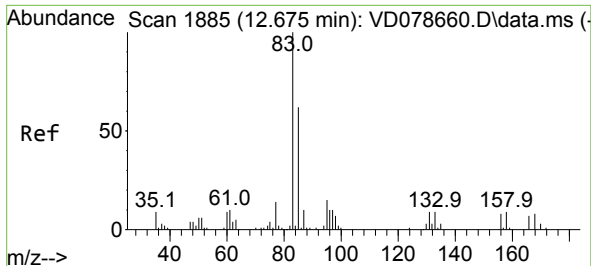
Tgt Ion:105 Resp: 1460287
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0



#74
N-ethyl acetate
Concen: 151.040 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 43 Resp: 228022
Ion Ratio Lower Upper
43 100
70 55.5 42.1 63.1
55 26.6 22.6 33.8
61 29.2 22.6 34.0

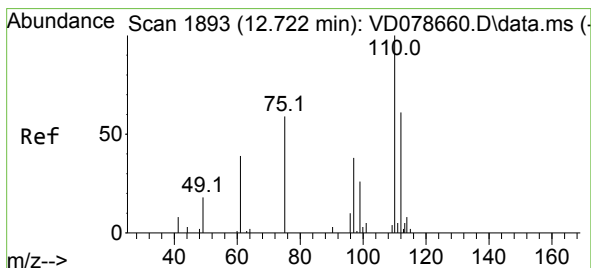
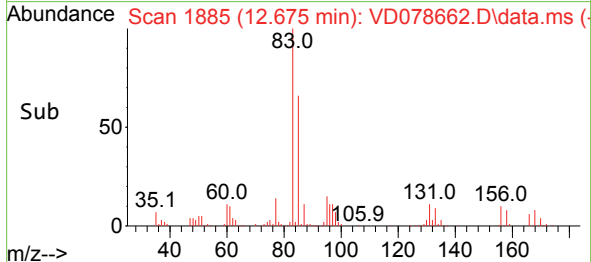
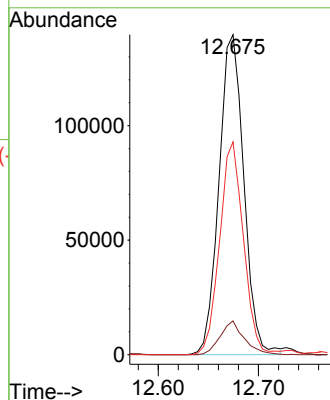
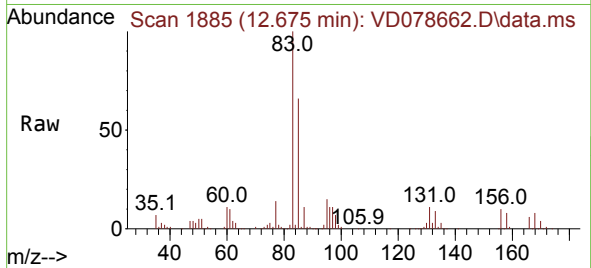




#75
1,1,2,2-Tetrachloroethane
Concen: 139.751 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

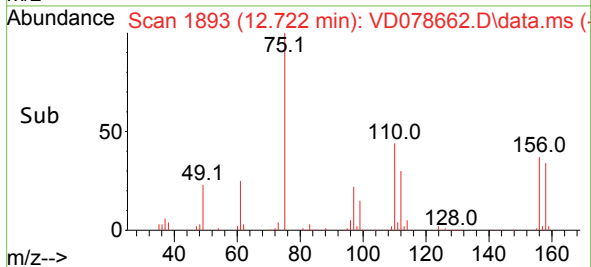
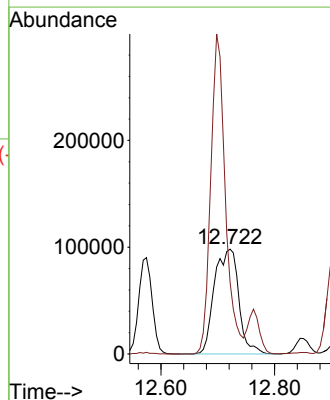
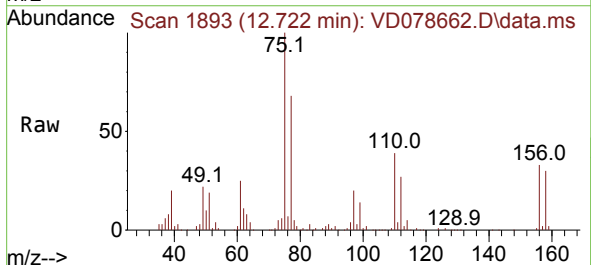
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

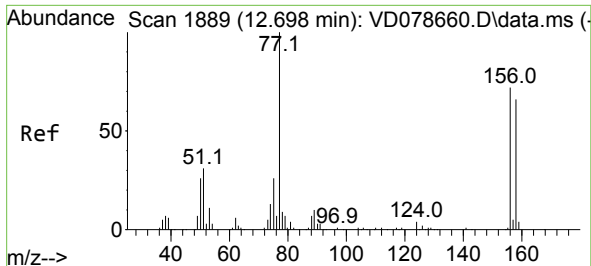
Tgt Ion: 83 Resp: 240554
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 63.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 268.982 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 75 Resp: 292075
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

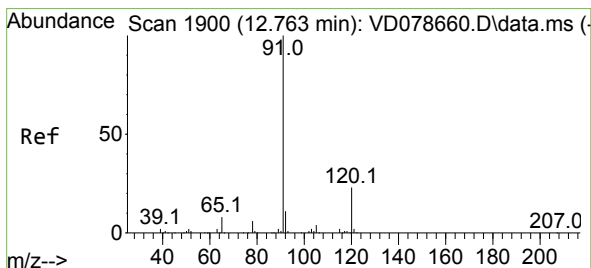
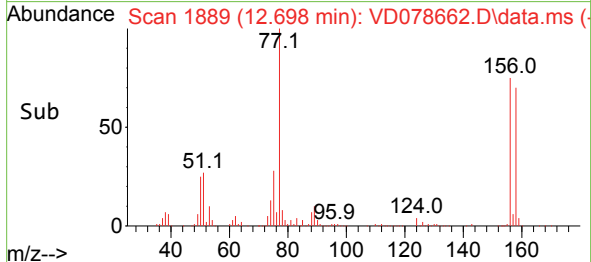
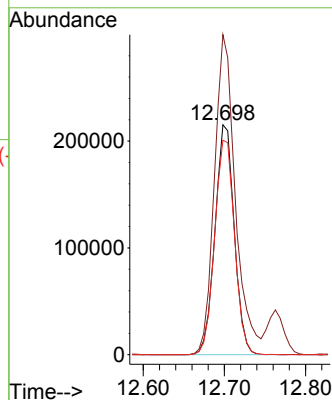
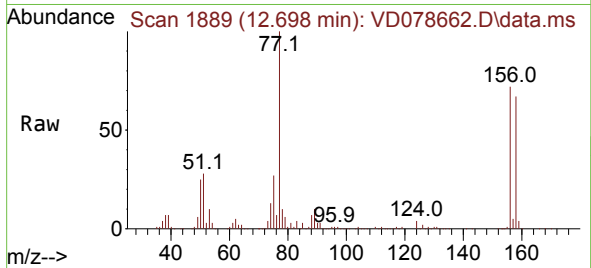




#77
Bromobenzene
Concen: 154.037 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

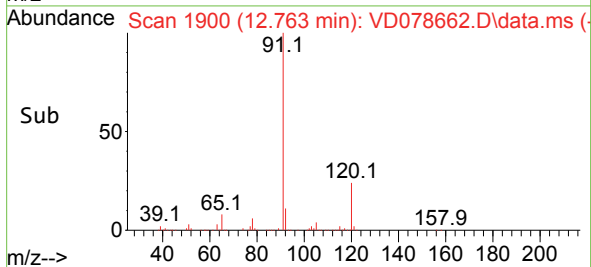
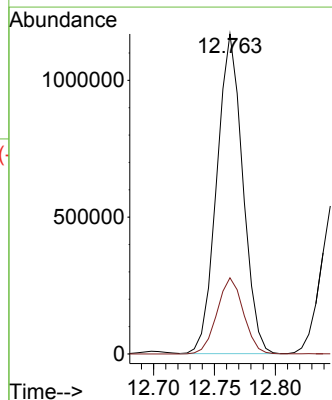
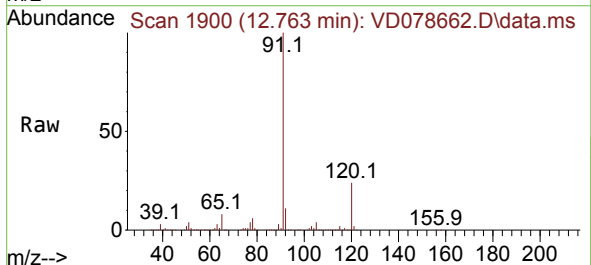
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

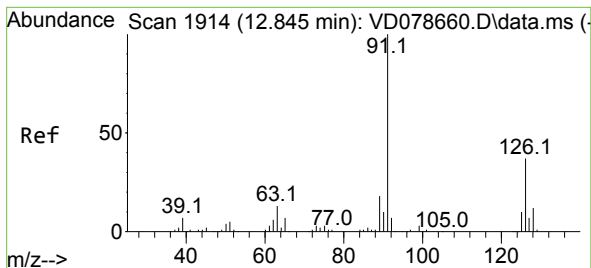
Tgt Ion:156 Resp: 355205
Ion Ratio Lower Upper
156 100
77 151.3 79.1 237.3
158 96.2 47.0 141.0



#78
n-propylbenzene
Concen: 153.152 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 91 Resp: 1733419
Ion Ratio Lower Upper
91 100
120 24.2 11.7 35.1

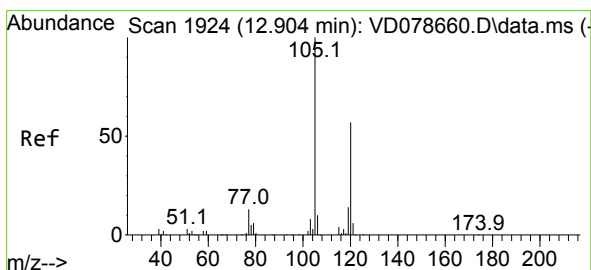
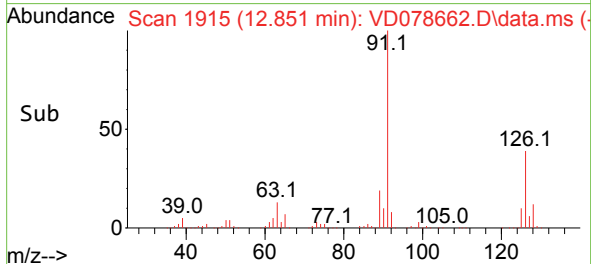
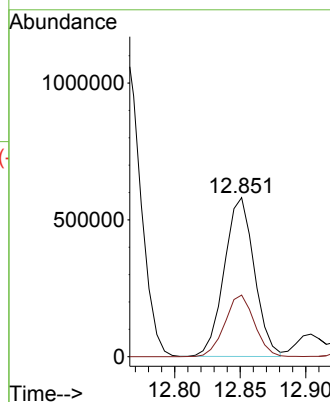
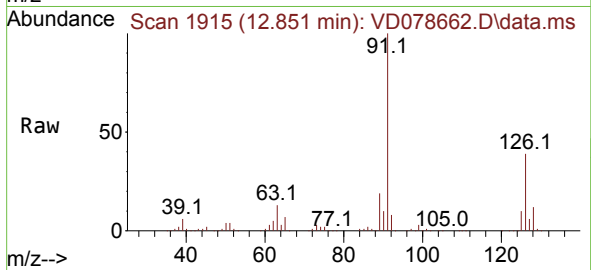




#79
2-Chlorotoluene
Concen: 149.240 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

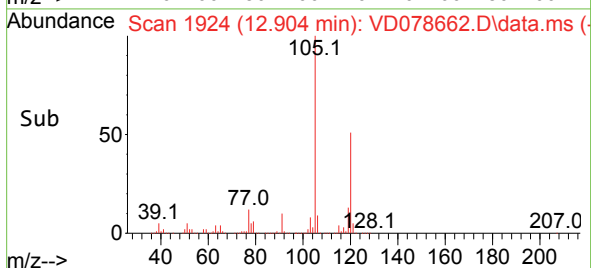
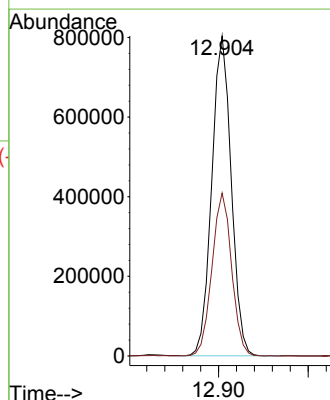
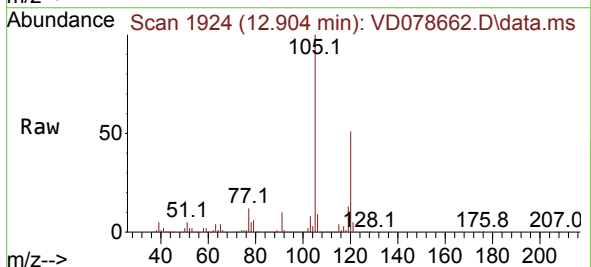
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

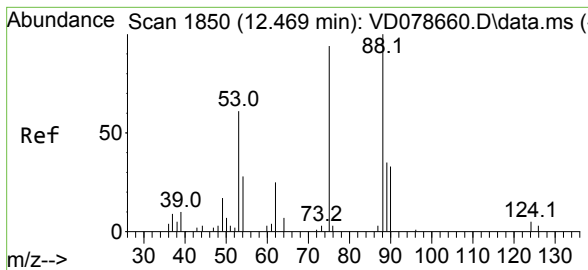
Tgt Ion: 91 Resp: 926645
Ion Ratio Lower Upper
91 100
126 38.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 157.164 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 105 Resp: 1208473
Ion Ratio Lower Upper
105 100
120 51.5 25.9 77.7

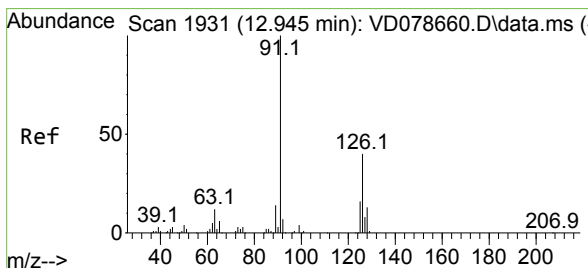
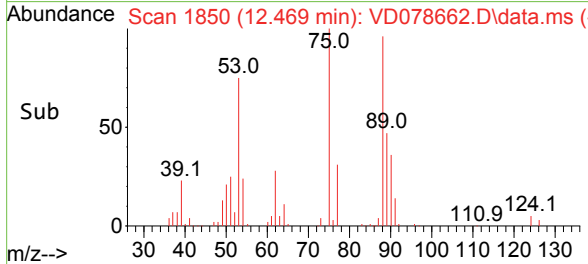
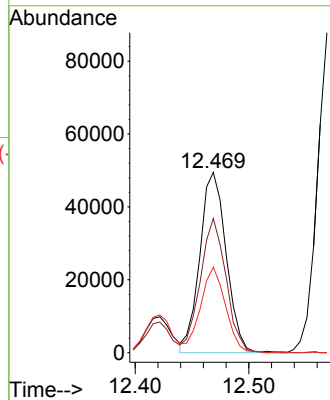
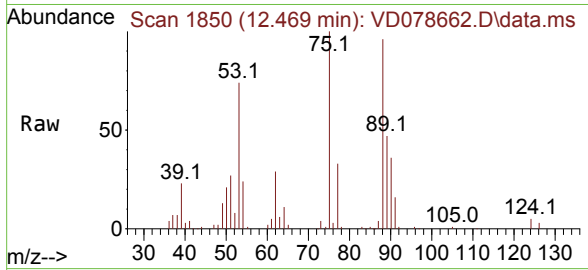




#81
trans-1,4-Dichloro-2-butene
Concen: 153.574 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

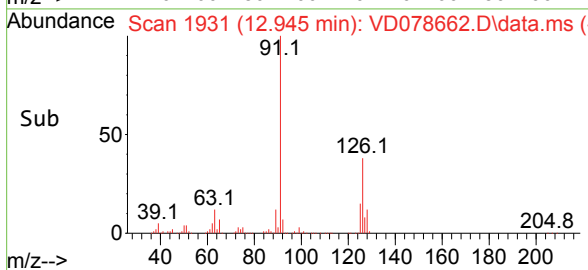
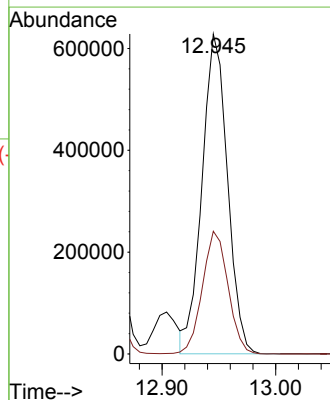
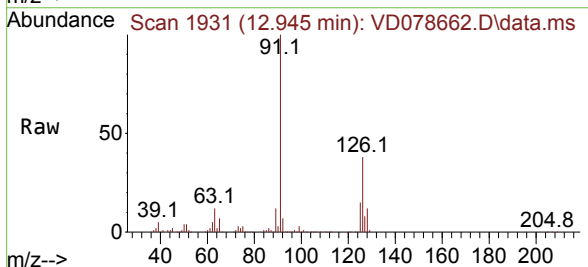
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

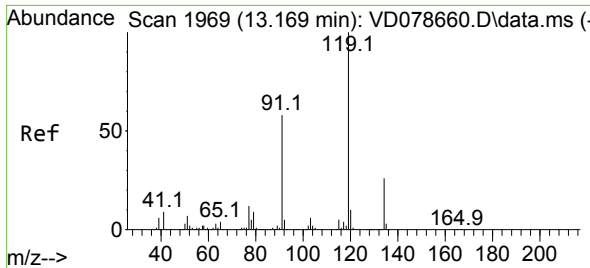
Tgt Ion:	75	Resp:	79716
Ion	Ratio	Lower	Upper
75	100		
53	72.7	61.0	91.6
89	45.4	35.4	53.0



#82
4-Chlorotoluene
Concen: 148.805 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion:	91	Resp:	977254
Ion	Ratio	Lower	Upper
91	100		
126	38.8	18.9	56.5

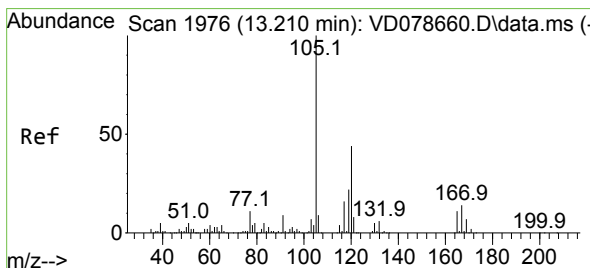
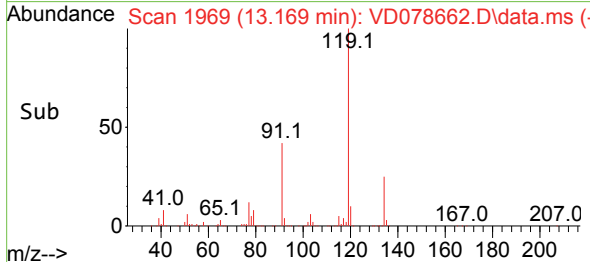
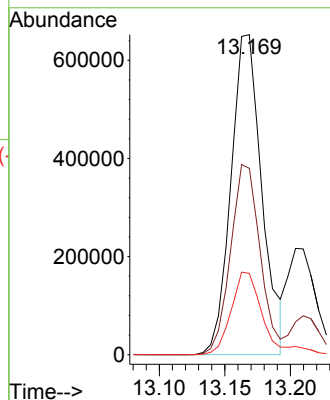
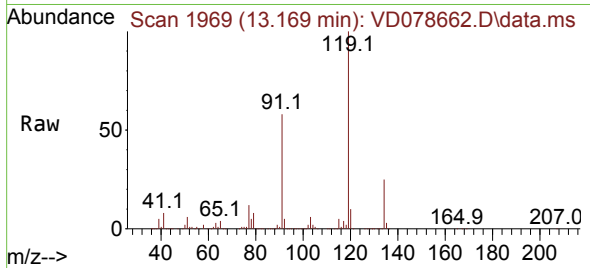




#83
tert-Butylbenzene
Concen: 161.855 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

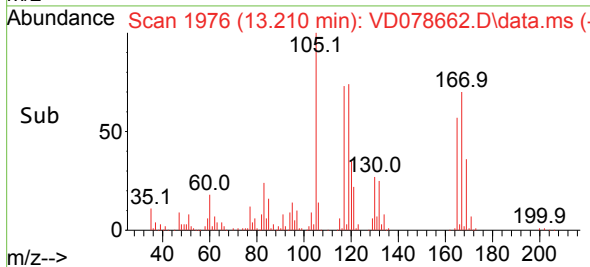
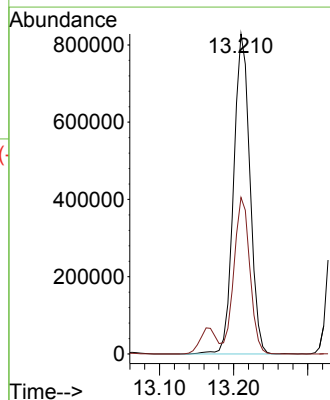
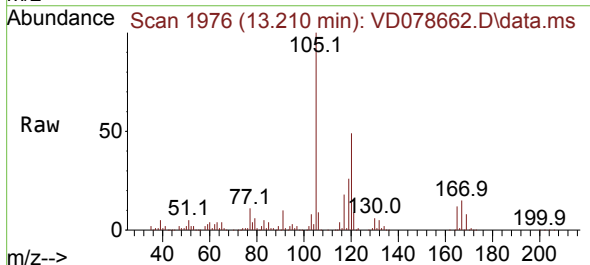
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

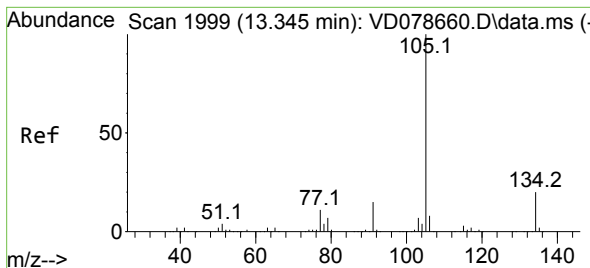
Tgt Ion:119 Resp: 1073115
Ion Ratio Lower Upper
119 100
91 56.9 28.9 86.7
134 26.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 162.910 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion:105 Resp: 1262378
Ion Ratio Lower Upper
105 100
120 48.3 23.1 69.2

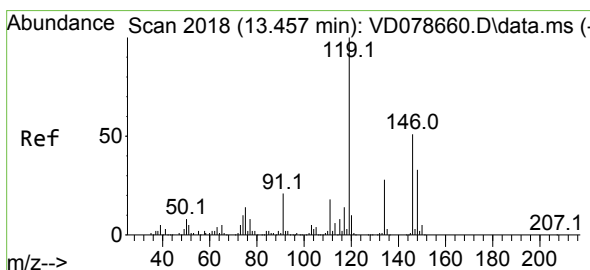
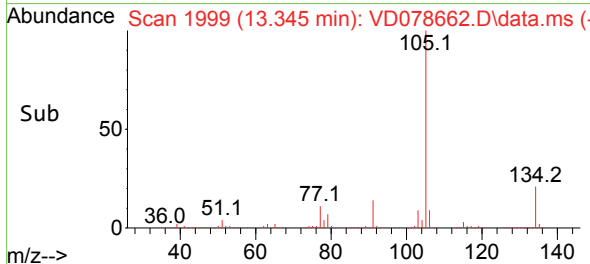
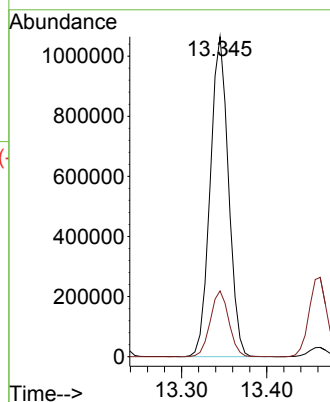
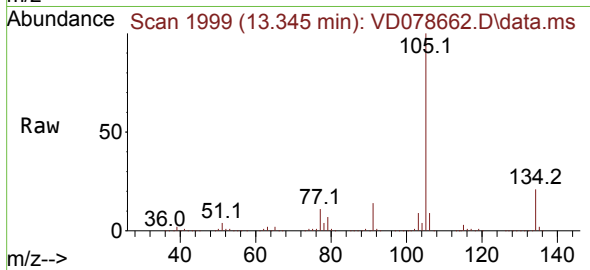




#85
 sec-Butylbenzene
 Concen: 157.851 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

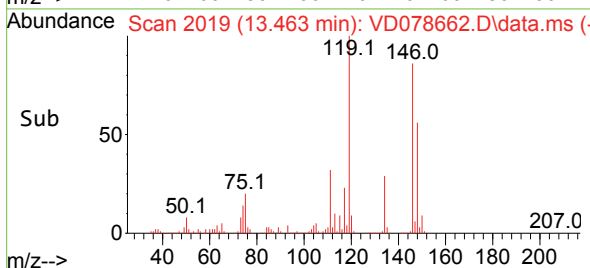
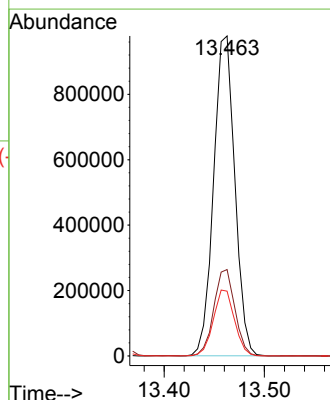
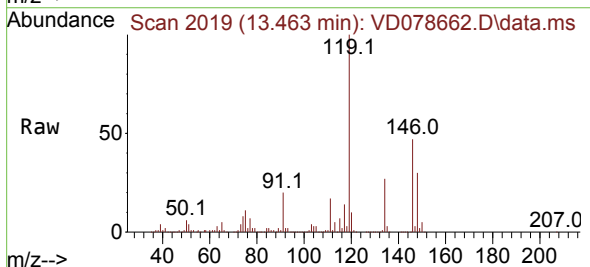
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

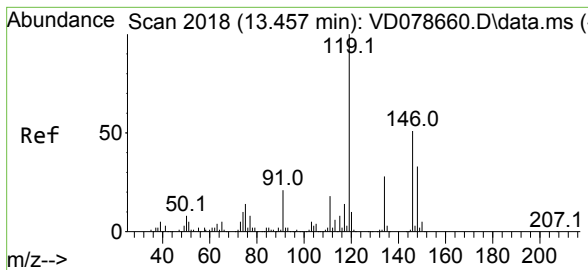
Tgt Ion:105 Resp: 1583790
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 167.402 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

Tgt Ion:119 Resp: 1437875
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 20.6 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 158.255 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

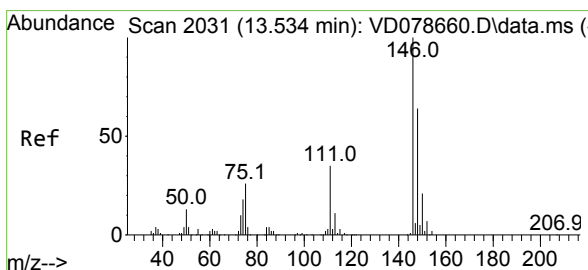
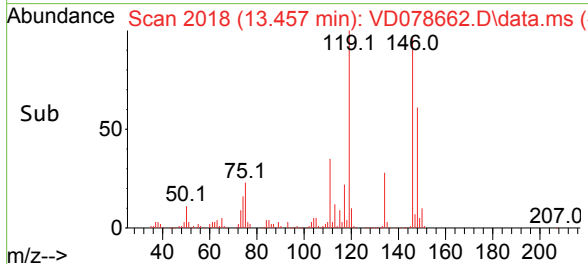
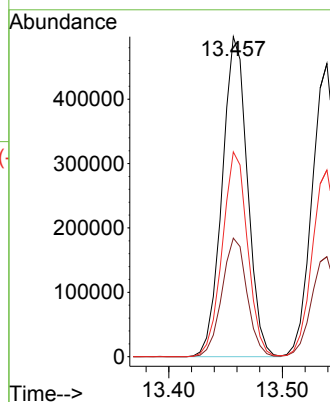
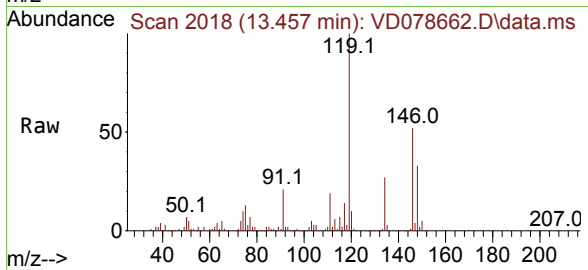
Tgt Ion:146 Resp: 770099

Ion Ratio Lower Upper

146 100

111 36.6 18.2 54.6

148 63.8 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 150.257 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

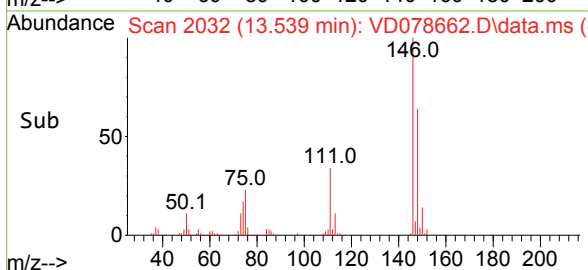
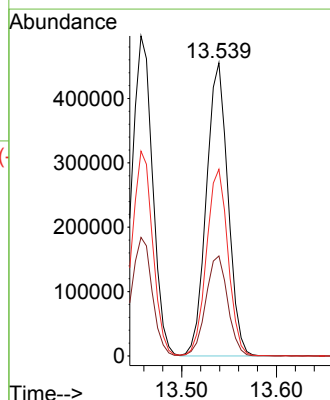
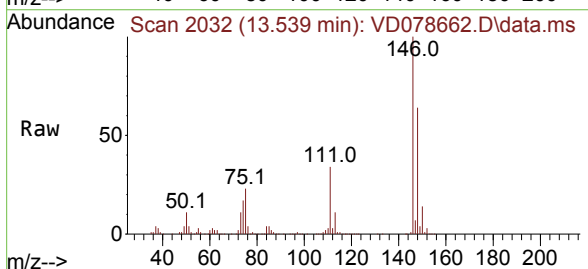
Tgt Ion:146 Resp: 720597

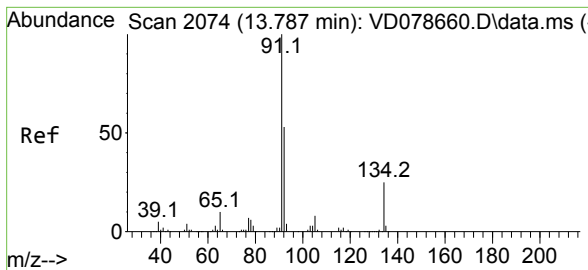
Ion Ratio Lower Upper

146 100

111 34.5 17.8 53.3

148 63.6 32.4 97.0

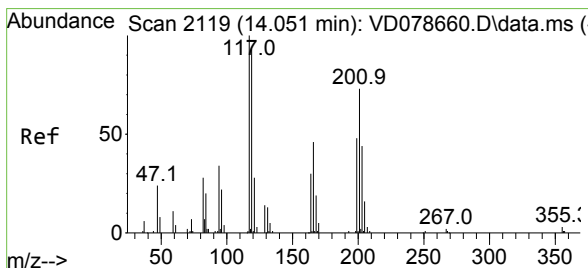
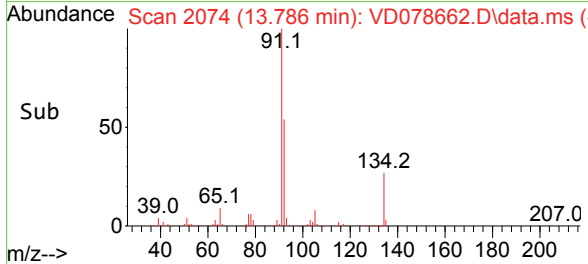
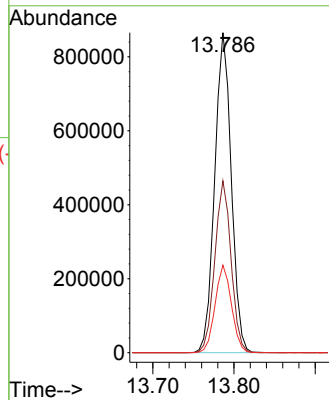
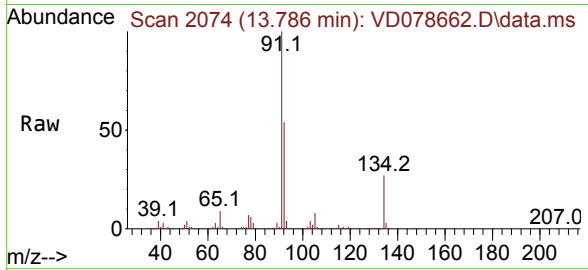




#89
n-Butylbenzene
Concen: 158.054 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

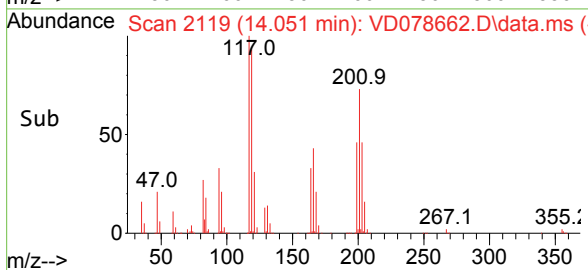
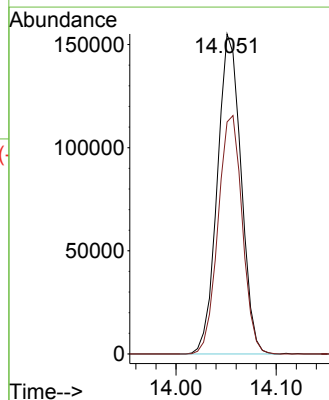
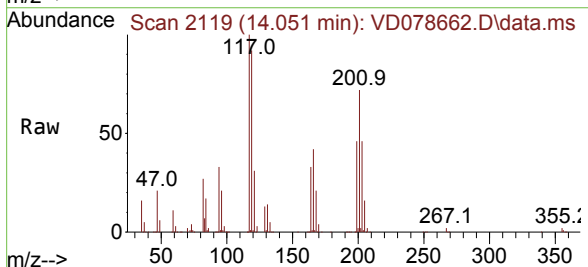
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

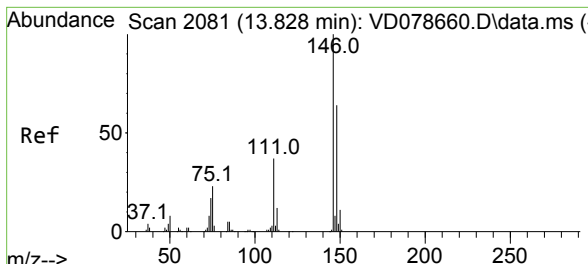
Tgt Ion: 91 Resp: 1226060
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 27.1 13.0 38.9



#90
Hexachloroethane
Concen: 143.427 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078662.D
Acq: 14 Mar 2024 12:16

Tgt Ion: 117 Resp: 254910
Ion Ratio Lower Upper
117 100
201 76.0 36.2 108.6

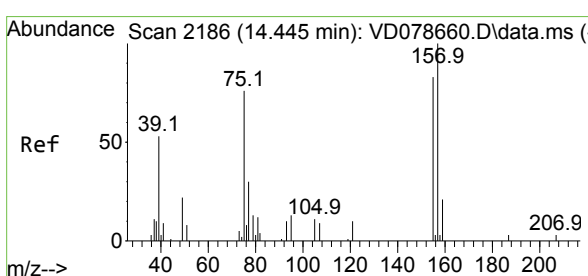
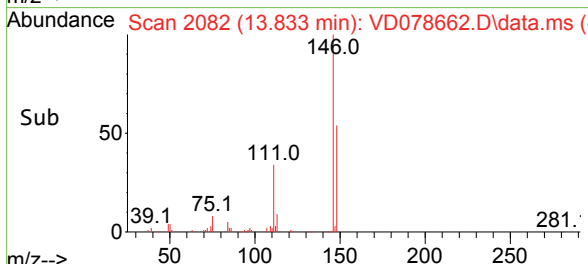
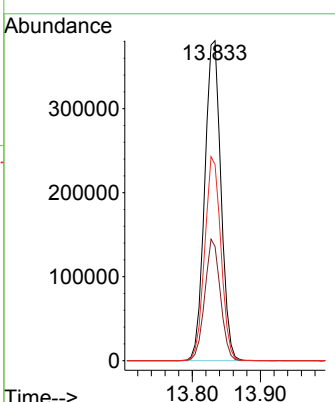
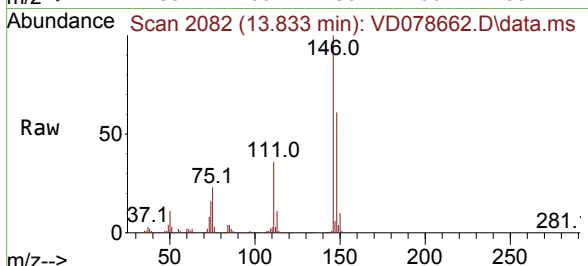




#91
 1,2-Dichlorobenzene
 Concen: 150.615 ug/l
 RT: 13.833 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

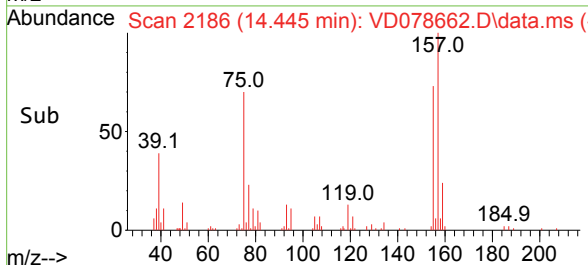
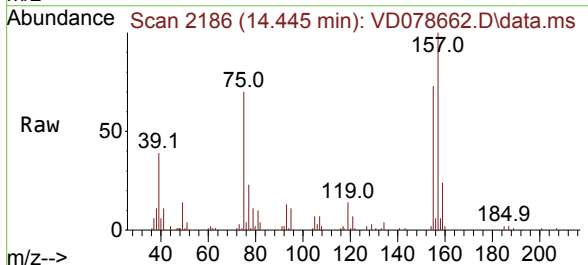
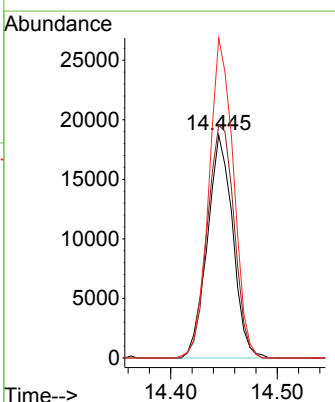
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

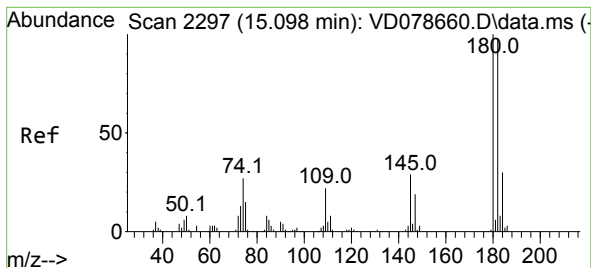
Tgt Ion:	146	Resp:	631240
Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	56.0
148	63.6	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 134.480 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD078662.D
 Acq: 14 Mar 2024 12:16

Tgt Ion:	75	Resp:	30966
Ion	Ratio	Lower	Upper
75	100		
155	110.1	49.8	149.3
157	139.6	65.5	196.3





#93

1,2,4-Trichlorobenzene

Concen: 161.946 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

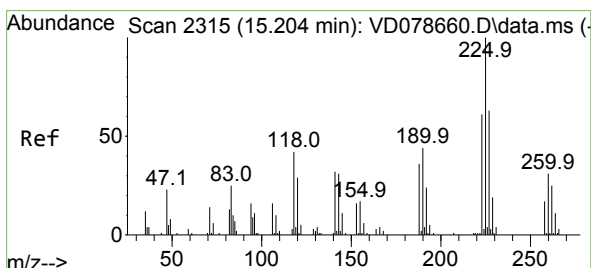
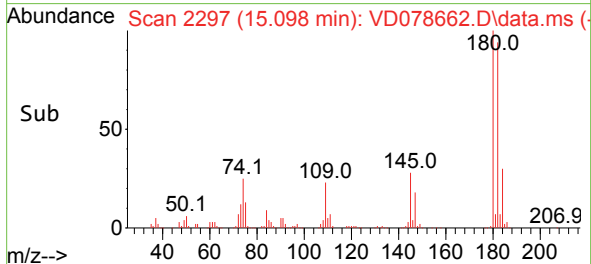
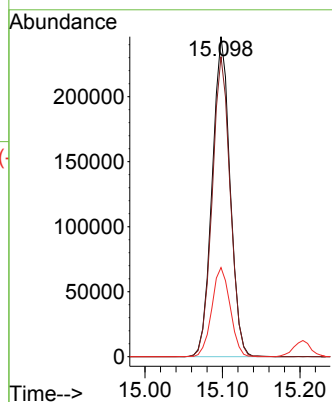
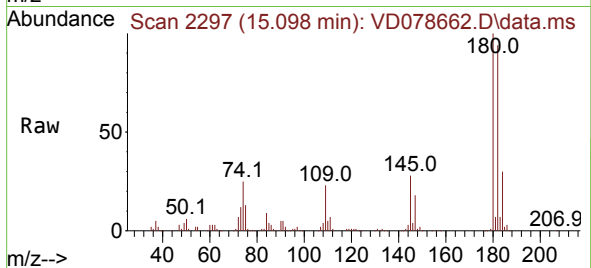
Tgt Ion:180 Resp: 396109

Ion Ratio Lower Upper

180 100

182 94.2 49.7 149.1

145 28.5 14.6 44.0



#94

Hexachlorobutadiene

Concen: 154.850 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

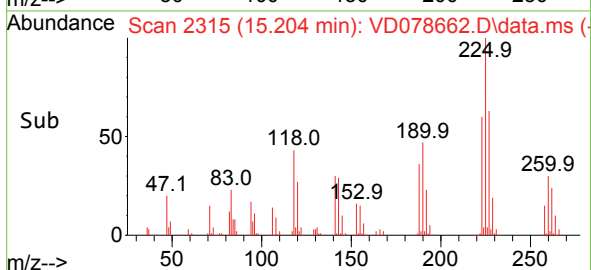
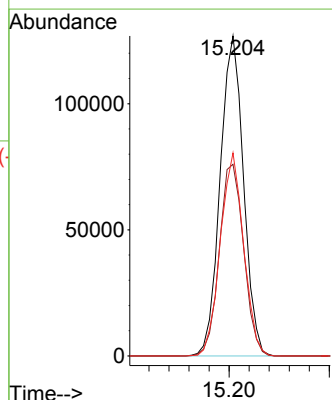
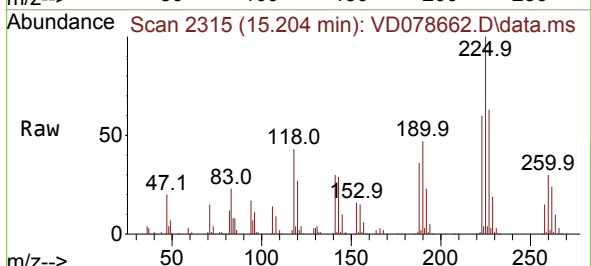
Tgt Ion:225 Resp: 205051

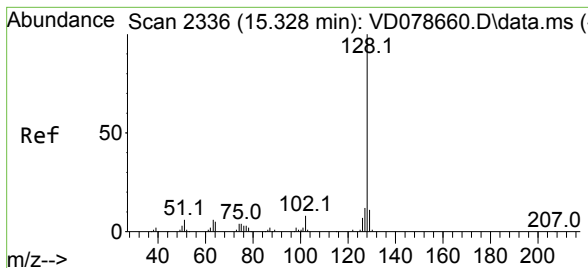
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.7

227 63.2 32.0 96.0





#95

Naphthalene

Concen: 170.286 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

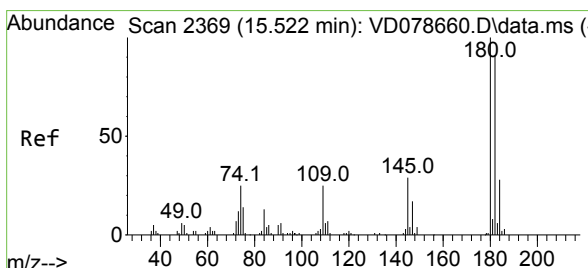
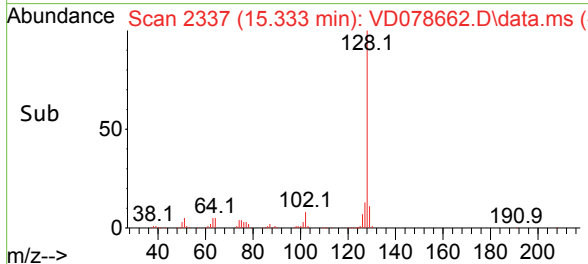
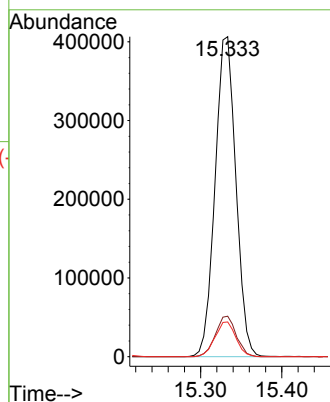
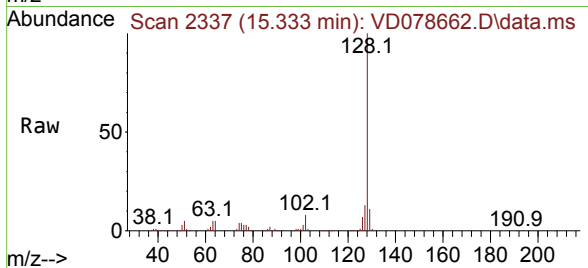
Tgt Ion:128 Resp: 724155

Ion Ratio Lower Upper

128 100

127 12.7 9.3 13.9

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 161.133 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078662.D

Acq: 14 Mar 2024 12:16

Tgt Ion:180 Resp: 340965

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.1

145 30.4 14.4 43.4

