

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078080.D
 Acq On : 26 Dec 2023 13:24
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 27 02:09:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:01:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	183521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	287346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	152883	93.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.260%#	
35) Dibromofluoromethane	7.810	113	178358	96.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 192.940%#	
50) Toluene-d8	10.269	98	673723	103.560	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 207.120%#	
62) 4-Bromofluorobenzene	12.575	95	214645	102.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 205.080%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	134231	85.343	ug/l	95
3) Chloromethane	2.152	50	194668	89.746	ug/l	100
4) Vinyl Chloride	2.287	62	303847	92.934	ug/l	99
5) Bromomethane	2.687	94	237317	90.529	ug/l	100
6) Chloroethane	2.840	64	219957	91.550	ug/l	99
7) Trichlorofluoromethane	3.181	101	282589	89.798	ug/l	98
8) Diethyl Ether	3.599	74	77571	89.892	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	175398	89.486	ug/l	100
10) Methyl Iodide	4.164	142	197411	107.180	ug/l	94
11) Tert butyl alcohol	5.052	59	35658	473.593	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	161616	93.188	ug/l	84
13) Acrolein	3.793	56	31229	363.118	ug/l	97
14) Allyl chloride	4.564	41	188431	89.888	ug/l	92
15) Acrylonitrile	5.258	53	165387	458.171	ug/l	98
16) Acetone	4.022	43	147900	469.518	ug/l #	86
17) Carbon Disulfide	4.275	76	417030	97.318	ug/l	97
18) Methyl Acetate	4.564	43	132350	98.894	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	368984	96.128	ug/l	99
20) Methylene Chloride	4.805	84	183014	94.278	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	186953	93.776	ug/l	95
22) Diisopropyl ether	6.216	45	441052	94.195	ug/l	98
23) Vinyl Acetate	6.158	43	1013316	465.072	ug/l	95
24) 1,1-Dichloroethane	6.116	63	316787	91.421	ug/l	96
25) 2-Butanone	7.081	43	195195	462.069	ug/l	90
26) 2,2-Dichloropropane	7.081	77	282576	90.769	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	220348	93.164	ug/l	96
28) Bromochloromethane	7.428	49	118831	95.854	ug/l	93
29) Tetrahydrofuran	7.446	42	112370	444.536	ug/l	95
30) Chloroform	7.599	83	340941	90.792	ug/l	94
31) Cyclohexane	7.881	56	240133	92.184	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	301859	93.533	ug/l	99
36) 1,1-Dichloropropene	8.010	75	255417	98.184	ug/l	98
37) Ethyl Acetate	7.169	43	78913	91.207	ug/l #	95
38) Carbon Tetrachloride	7.993	117	279194	99.043	ug/l	98
39) Methylcyclohexane	9.275	83	304806	102.198	ug/l	96
40) Benzene	8.252	78	734773	97.998	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	53241	97.164	ug/l	91
42) 1,2-Dichloroethane	8.328	62	190627	94.078	ug/l	95
43) Isopropyl Acetate	8.357	43	163784	94.553	ug/l	95
44) Trichloroethene	9.028	130	204191	94.659	ug/l	93
45) 1,2-Dichloropropane	9.305	63	182200	95.898	ug/l	98
46) Dibromomethane	9.393	93	103040	96.832	ug/l	99
47) Bromodichloromethane	9.587	83	263018	95.154	ug/l #	98
48) Methyl methacrylate	9.381	41	94287	96.584	ug/l	83
49) 1,4-Dioxane	9.381	88	17609	1750.485	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	425891	479.164	ug/l	95
52) Toluene	10.334	92	492960	101.368	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	248655	99.150	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	292274	97.047	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	146341	97.726	ug/l	95
56) Ethyl methacrylate	10.599	69	122279	102.898	ug/l	94
57) 1,3-Dichloropropane	10.875	76	238997	97.140	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	286188	556.243	ug/l	99
59) 2-Hexanone	10.922	43	307771	445.783	ug/l	95
60) Dibromochloromethane	11.075	129	188653	98.892	ug/l	96
61) 1,2-Dibromoethane	11.181	107	139371	97.079	ug/l	99
64) Tetrachloroethene	10.810	164	176602	100.124	ug/l	97
65) Chlorobenzene	11.604	112	533245	96.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	210510	100.294	ug/l	96
67) Ethyl Benzene	11.681	91	996189	103.041	ug/l	99
68) m/p-Xylenes	11.793	106	783888	208.338	ug/l	94
69) o-Xylene	12.122	106	367356	104.755	ug/l	96
70) Styrene	12.134	104	548483	105.933	ug/l	96
71) Bromoform	12.298	173	114182	98.604	ug/l #	99
73) Isopropylbenzene	12.422	105	985639	99.006	ug/l	96
74) N-amyl acetate	12.234	43	147862	89.469	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	163125	90.158	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	199099	170.511	ug/l #	100
77) Bromobenzene	12.698	156	234862	96.977	ug/l	99
78) n-propylbenzene	12.763	91	1160316	96.829	ug/l	97
79) 2-Chlorotoluene	12.851	91	618475	95.421	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	808733	98.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	52010	91.903	ug/l	98
82) 4-Chlorotoluene	12.945	91	652059	93.833	ug/l	98
83) tert-Butylbenzene	13.163	119	741058	100.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	832899	99.308	ug/l	99
85) sec-Butylbenzene	13.345	105	1040261	98.783	ug/l	98
86) p-Isopropyltoluene	13.457	119	965665	102.467	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	496123	99.011	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	464894	94.598	ug/l	99
89) n-Butylbenzene	13.787	91	846362	97.842	ug/l	99
90) Hexachloroethane	14.051	117	178843	94.924	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	403749	93.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	22581	89.109	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	268780	95.666	ug/l	99
94) Hexachlorobutadiene	15.204	225	154199	97.686	ug/l	99
95) Naphthalene	15.328	128	470706	98.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	234023	98.168	ug/l	100

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QLast Update : Wed Dec 27 02:01:18 2023
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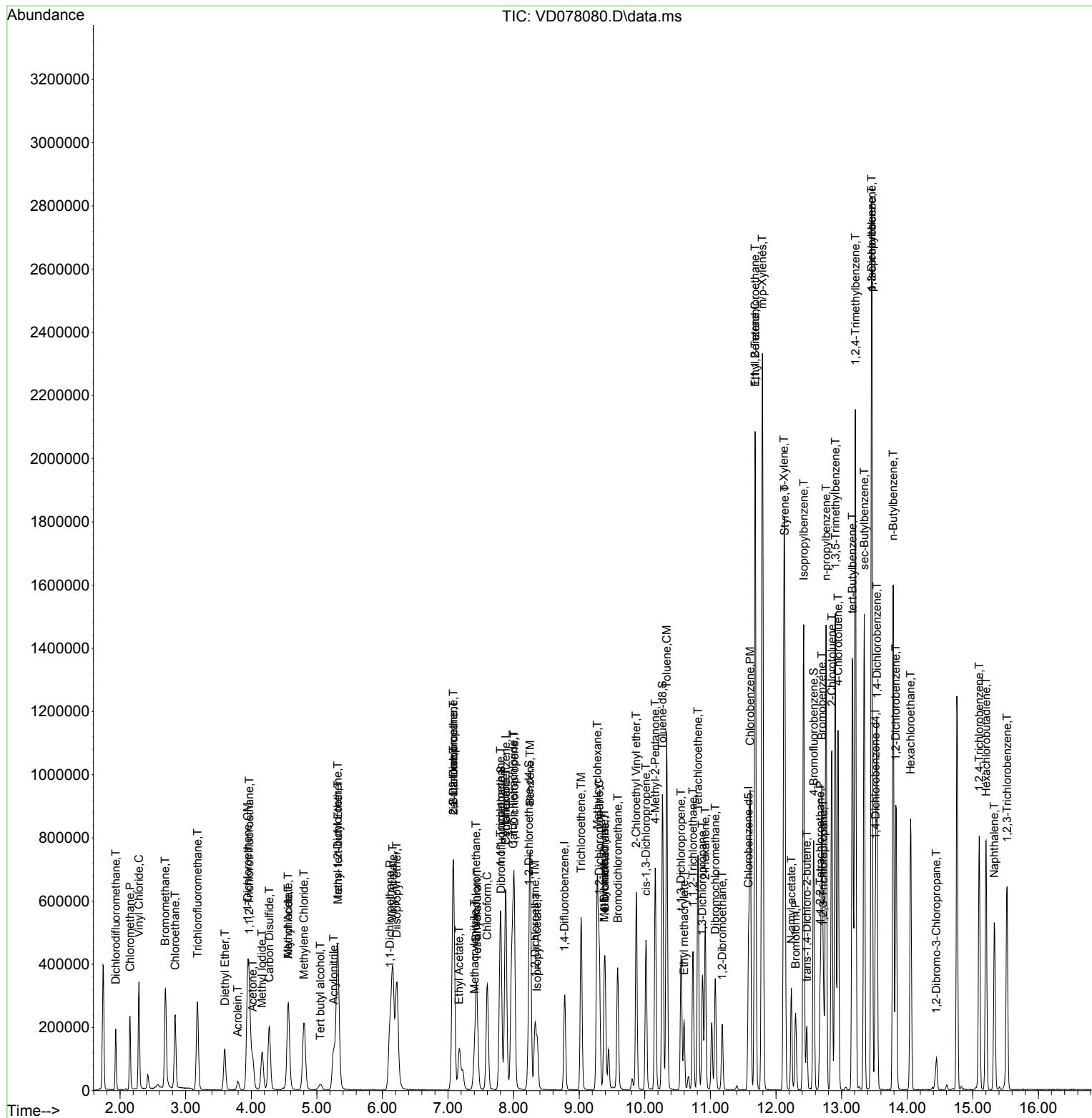
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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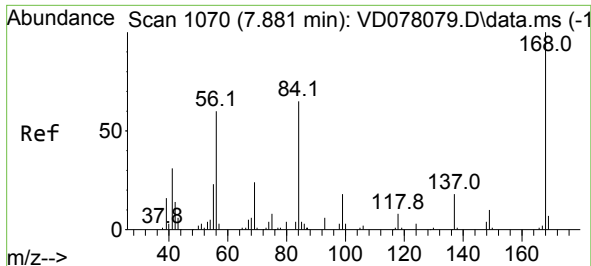
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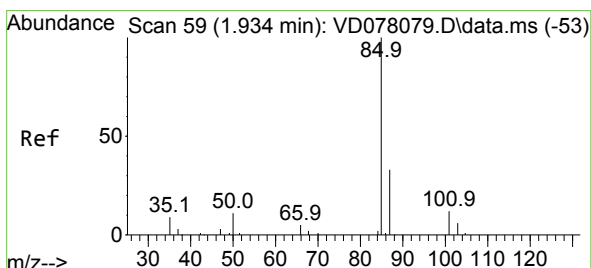
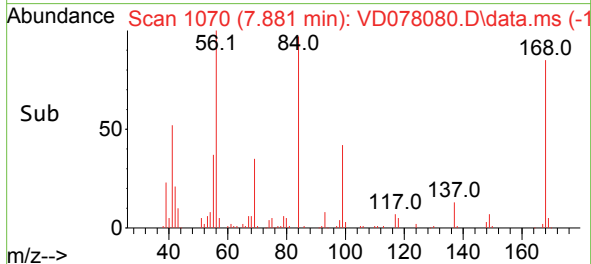
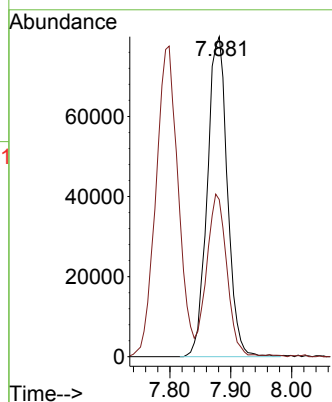
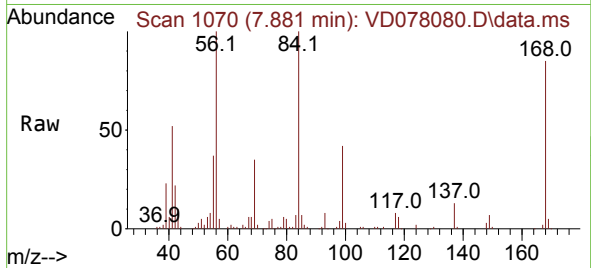




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078080.D
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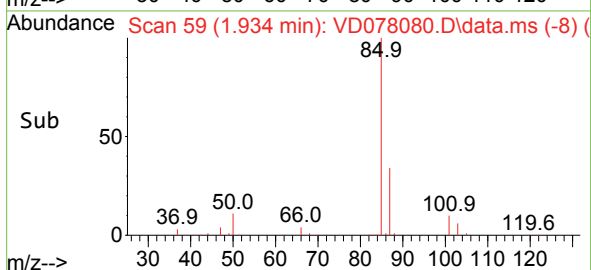
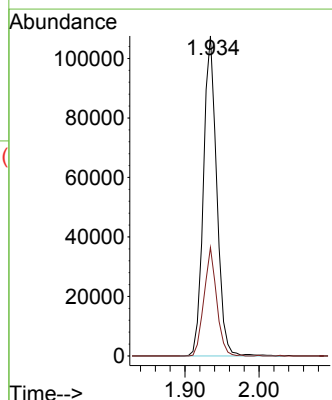
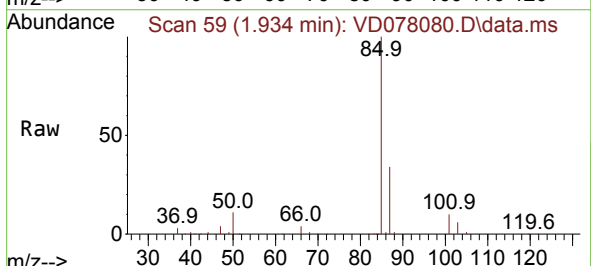
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

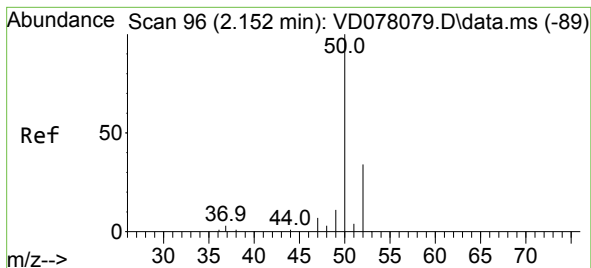
Tgt Ion:168 Resp: 183521
Ion Ratio Lower Upper
168 100
99 48.7 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 85.343 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 85 Resp: 134231
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.0





#3

Chloromethane

Concen: 89.746 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

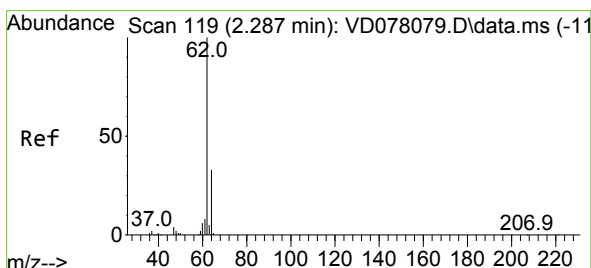
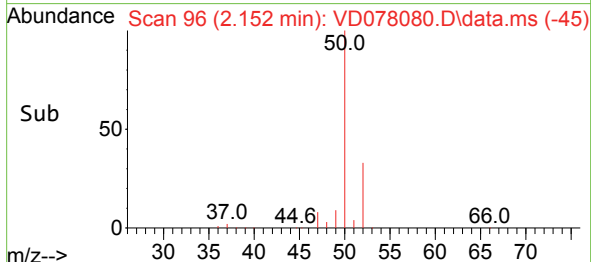
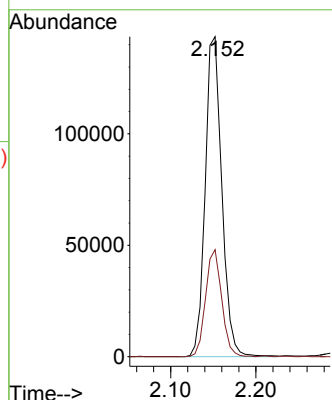
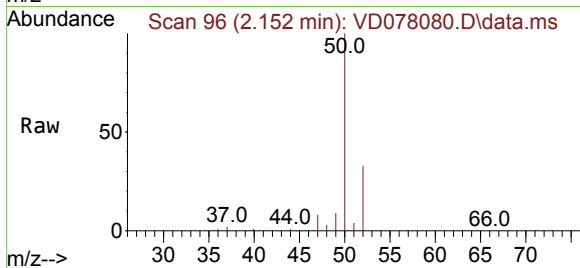
VSTDIC100

Tgt Ion: 50 Resp: 194668

Ion Ratio Lower Upper

50 100

52 33.5 26.6 40.0



#4

Vinyl Chloride

Concen: 92.934 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078080.D

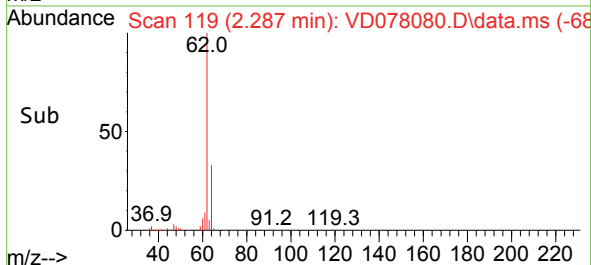
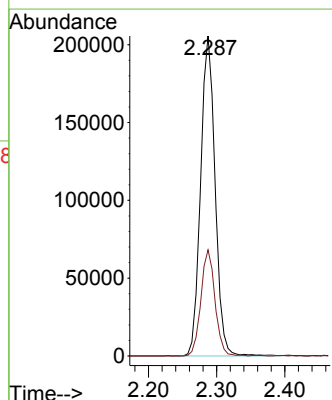
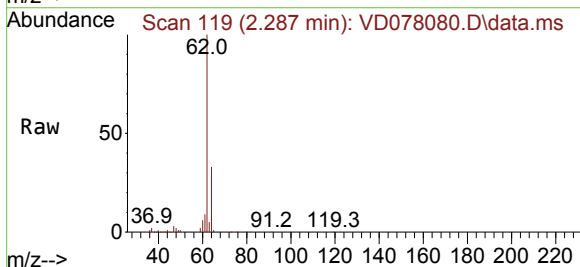
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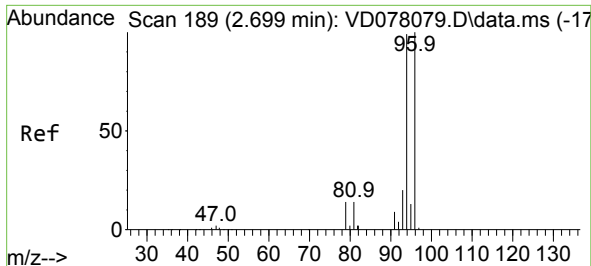
Tgt Ion: 62 Resp: 303847

Ion Ratio Lower Upper

62 100

64 33.2 26.0 39.0

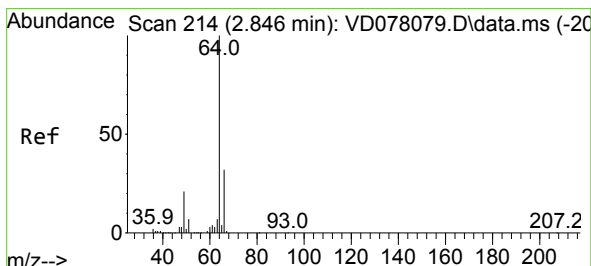
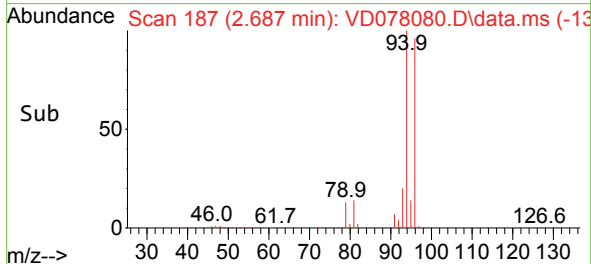
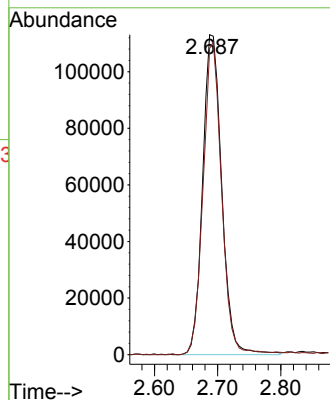
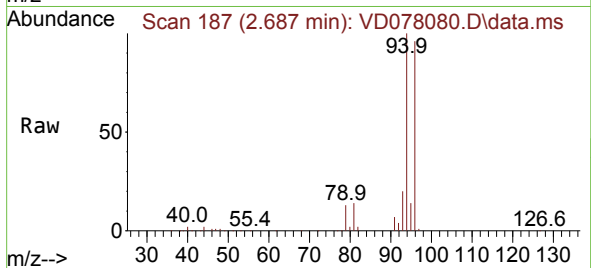




#5
Bromomethane
Concen: 90.529 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD078080.D
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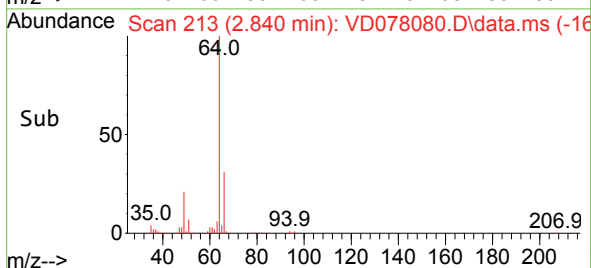
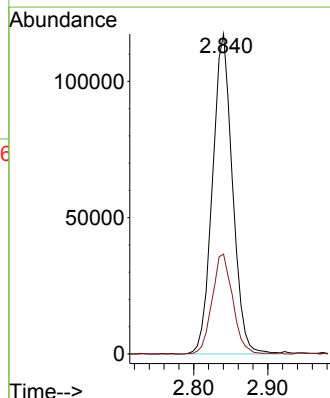
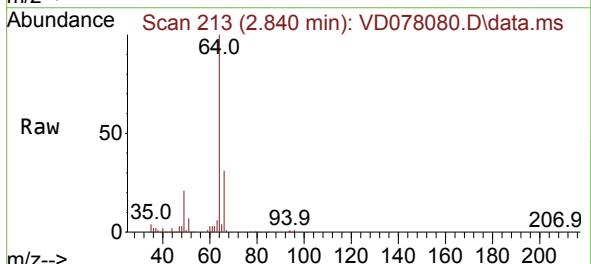
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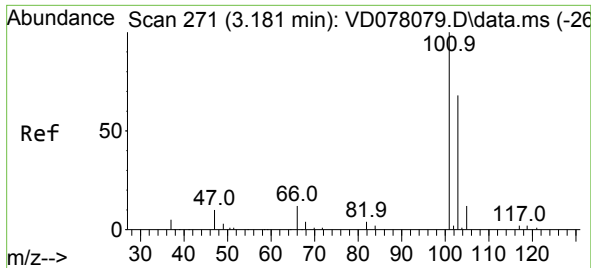
Tgt Ion: 94 Resp: 237317
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.8



#6
Chloroethane
Concen: 91.550 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 64 Resp: 219957
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3

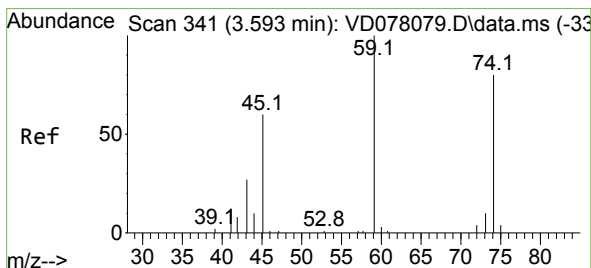
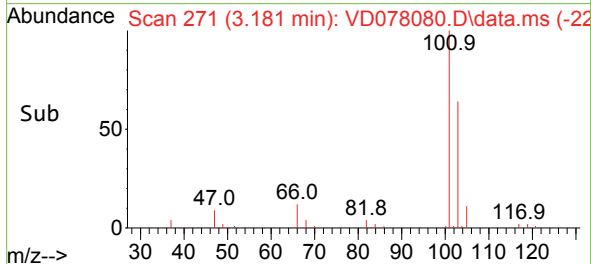
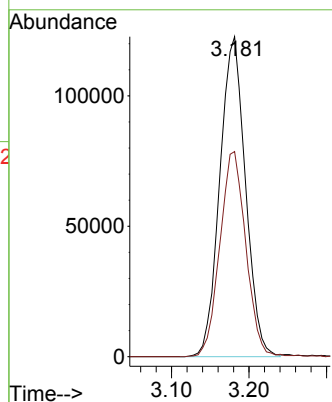
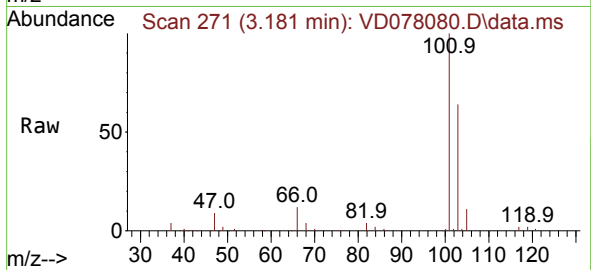




#7
Trichlorofluoromethane
Concen: 89.798 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

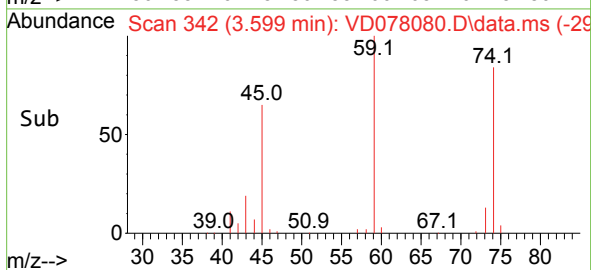
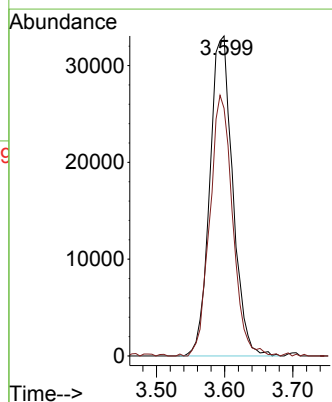
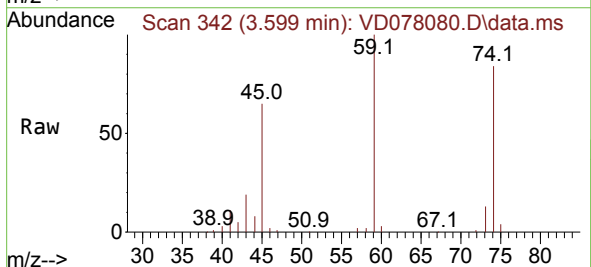
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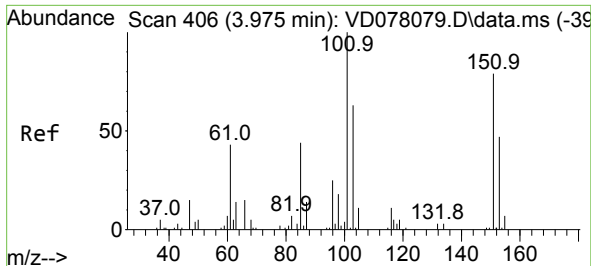
Tgt Ion:101 Resp: 282589
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5



#8
Diethyl Ether
Concen: 89.892 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 74 Resp: 77571
Ion Ratio Lower Upper
74 100
45 81.0 37.5 112.7

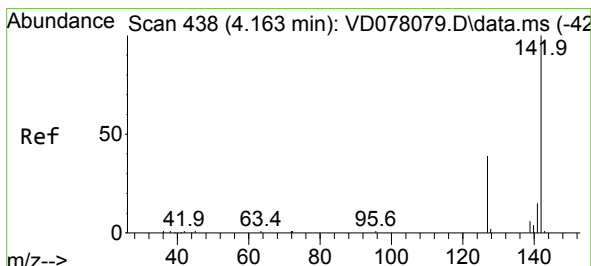
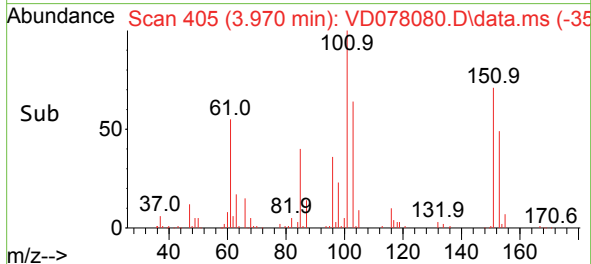
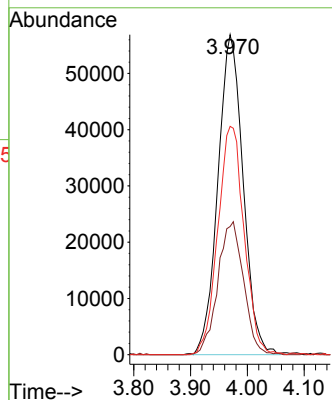
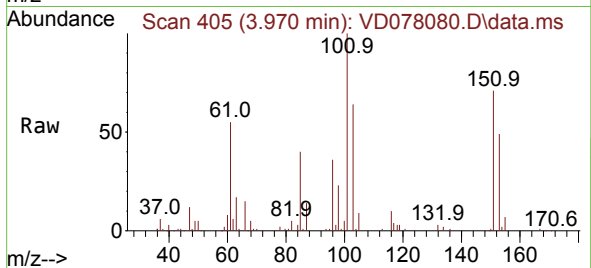




#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.486 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

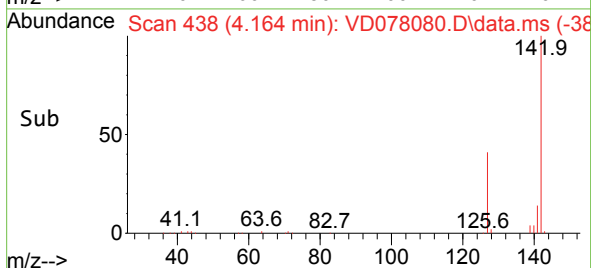
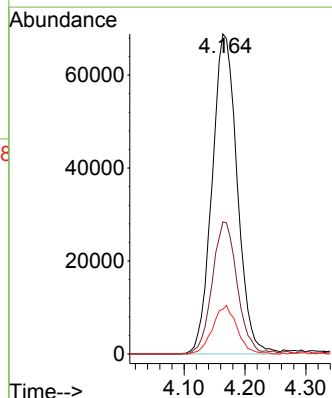
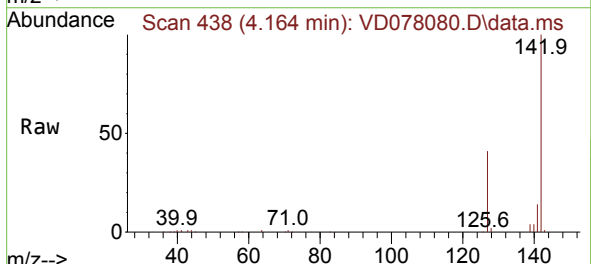
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

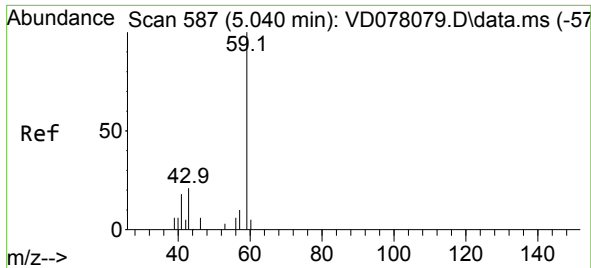
Tgt Ion:101 Resp: 175398
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 74.2 59.8 89.6



#10
Methyl Iodide
Concen: 107.180 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:142 Resp: 197411
Ion Ratio Lower Upper
142 100
127 41.3 29.4 44.0
141 14.7 11.1 16.7

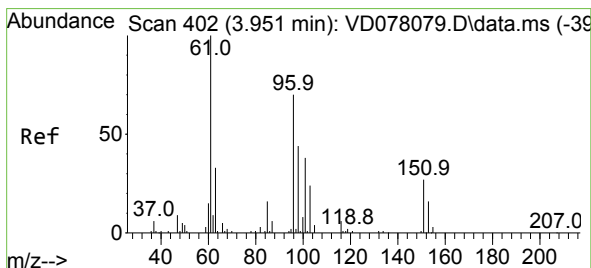
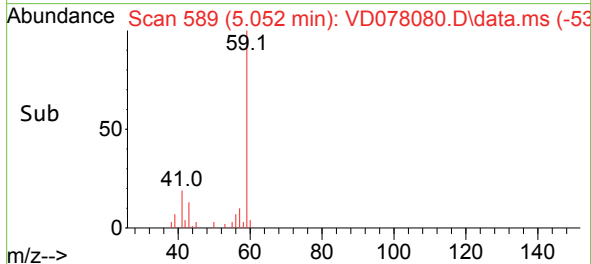
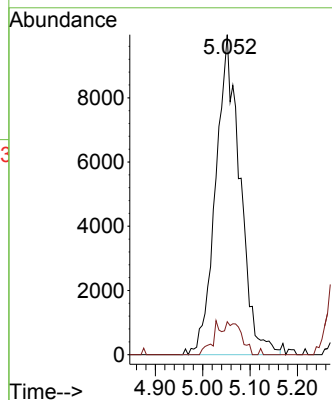
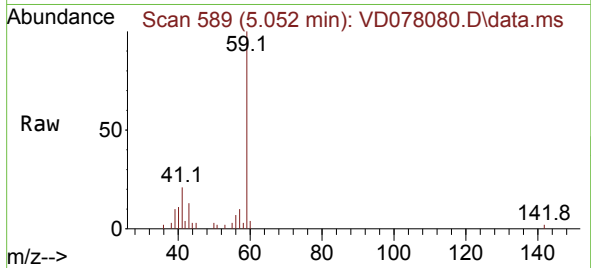




#11
Tert butyl alcohol
Concen: 473.593 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

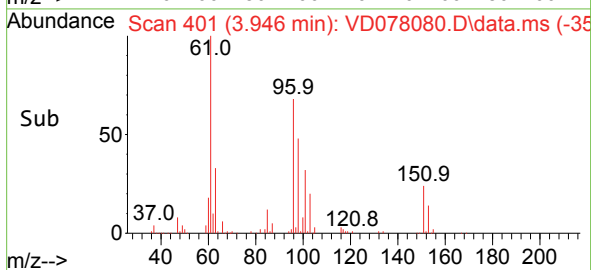
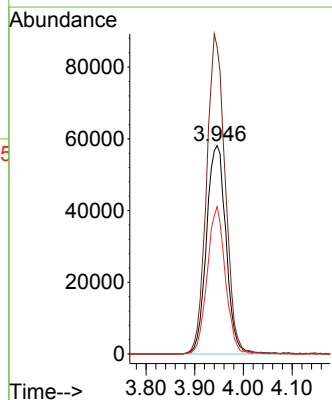
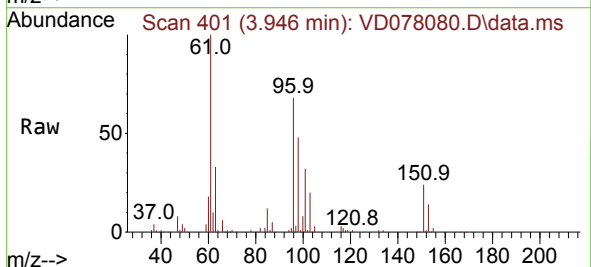
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

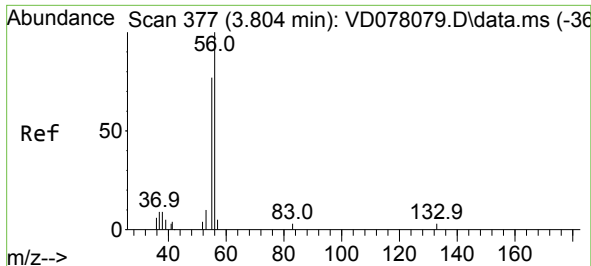
Tgt Ion: 59 Resp: 35658
Ion Ratio Lower Upper
59 100
57 7.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 93.188 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 96 Resp: 161616
Ion Ratio Lower Upper
96 100
61 147.3 100.6 150.8
98 70.7 50.2 75.2





#13

Acrolein

Concen: 363.118 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.011 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

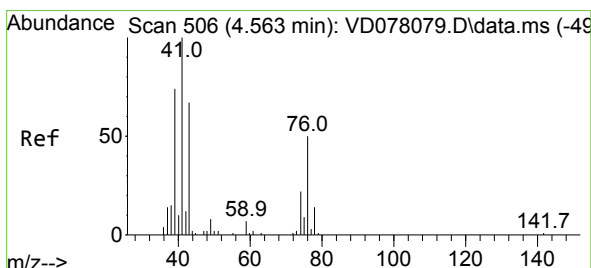
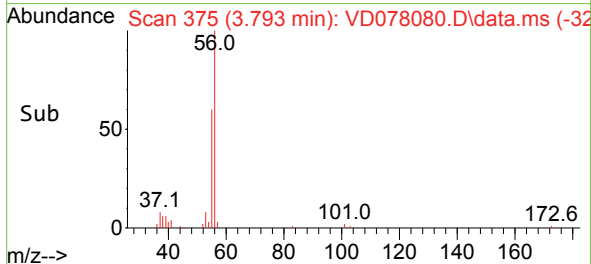
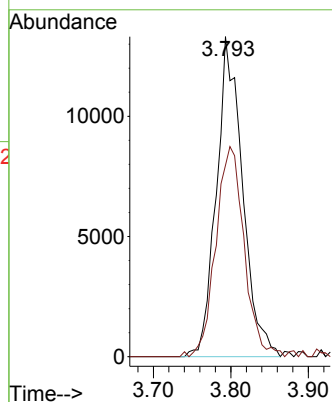
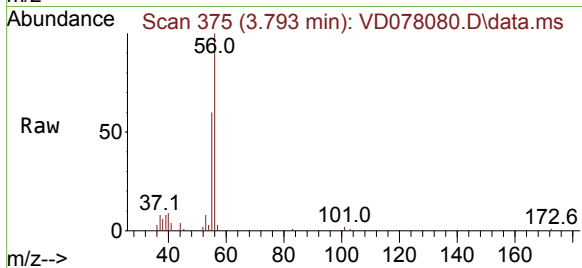
VSTDICC100

Tgt Ion: 56 Resp: 31229

Ion Ratio Lower Upper

56 100

55 71.1 55.1 82.7



#14

Allyl chloride

Concen: 89.888 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

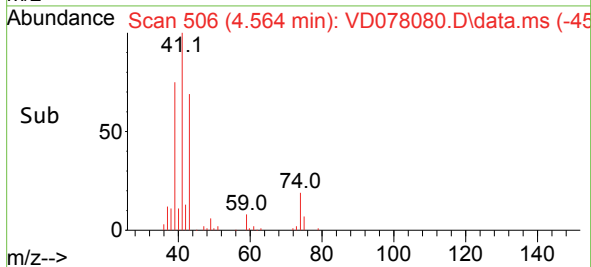
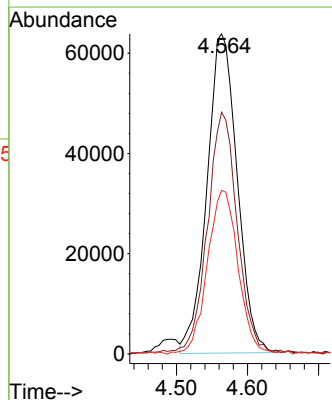
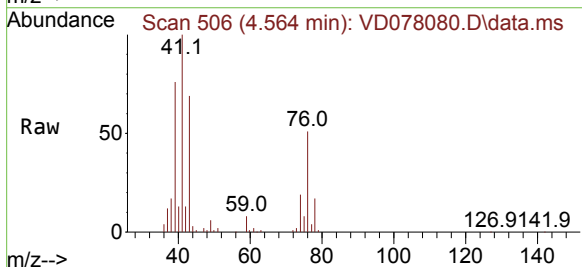
Tgt Ion: 41 Resp: 188431

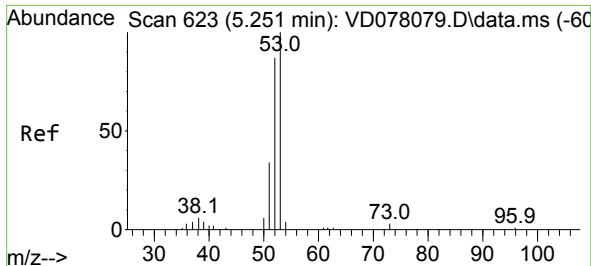
Ion Ratio Lower Upper

41 100

39 74.7 53.8 80.6

76 51.9 45.8 68.8

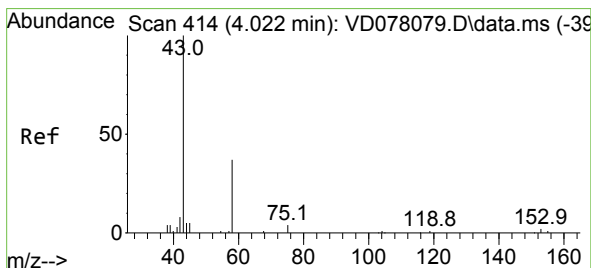
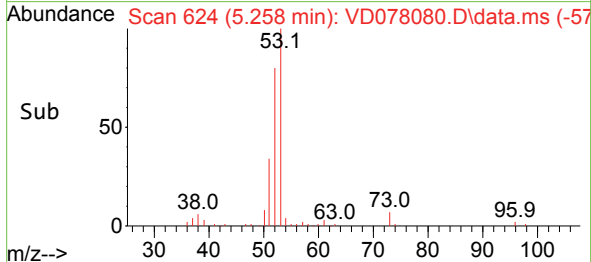
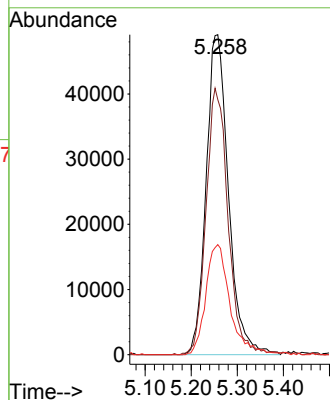
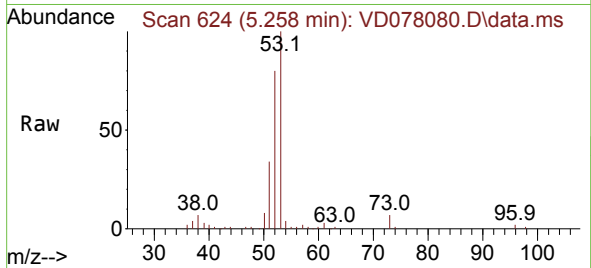




#15
Acrylonitrile
Concen: 458.171 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

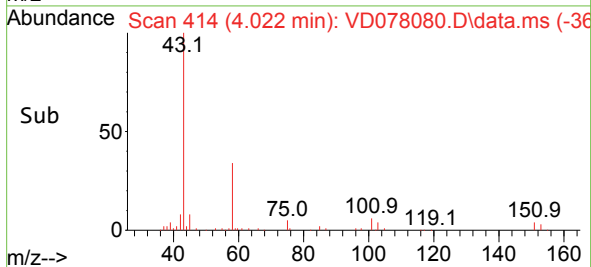
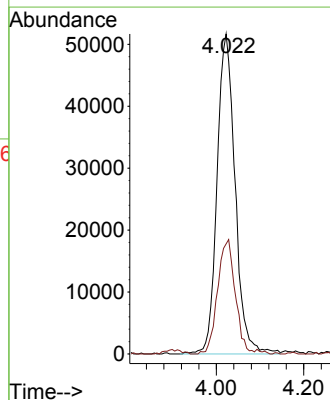
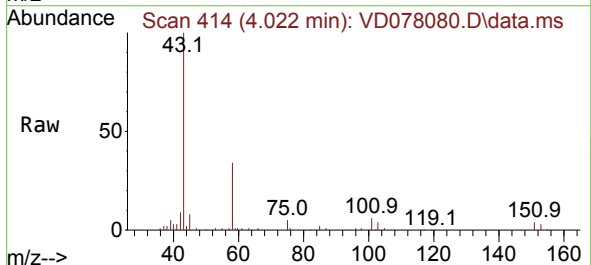
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

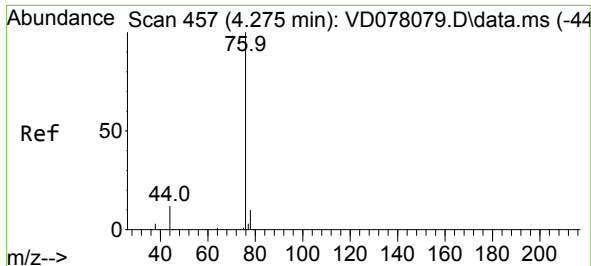
Tgt Ion: 53 Resp: 165387
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.4
51 37.3 28.3 42.5



#16
Acetone
Concen: 469.518 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 43 Resp: 147900
Ion Ratio Lower Upper
43 100
58 34.4 34.7 52.1#

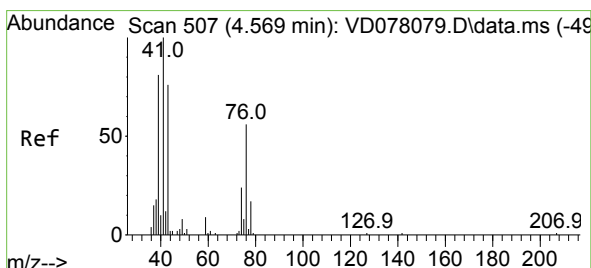
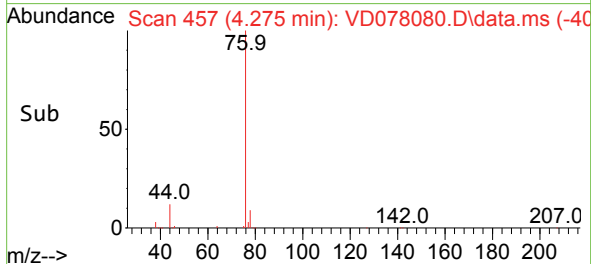
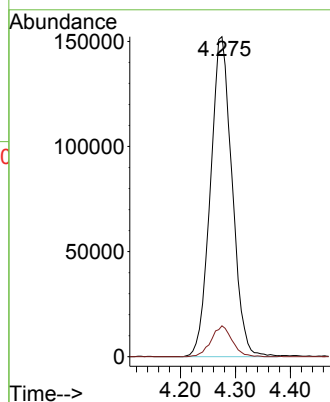
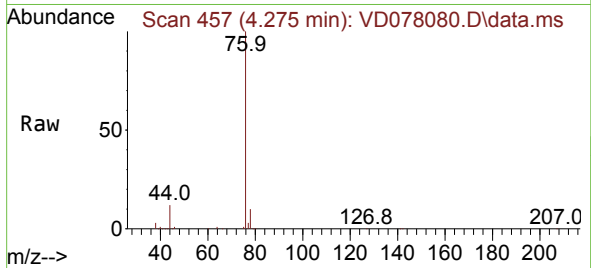




#17
Carbon Disulfide
Concen: 97.318 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

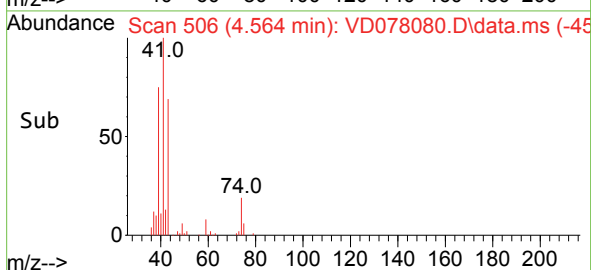
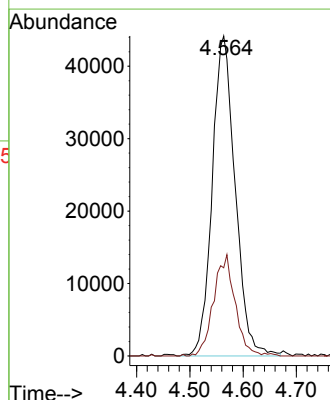
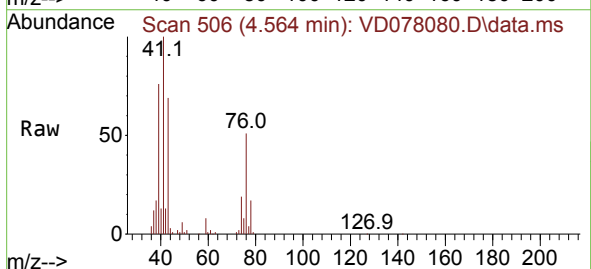
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

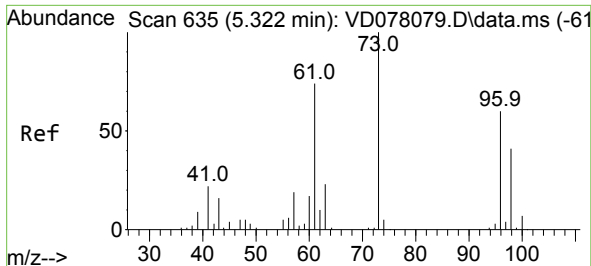
Tgt Ion: 76 Resp: 417030
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 98.894 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 43 Resp: 132350
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 96.128 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

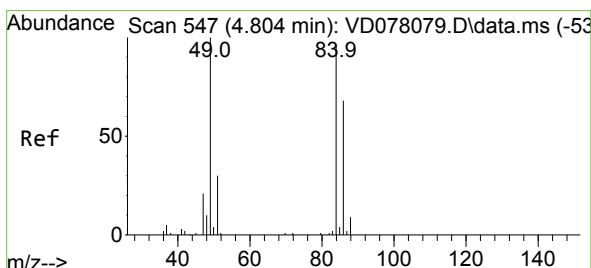
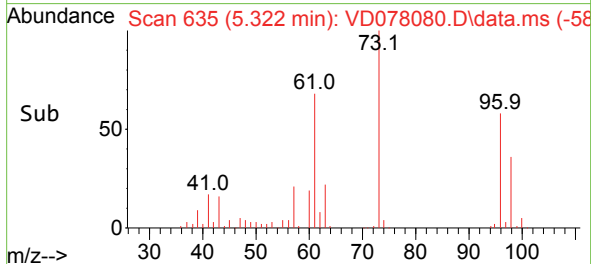
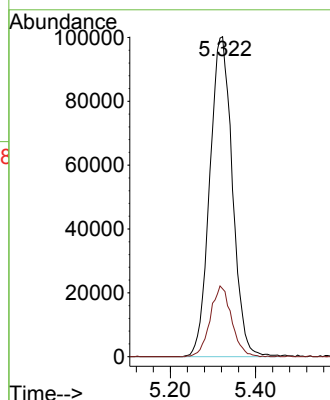
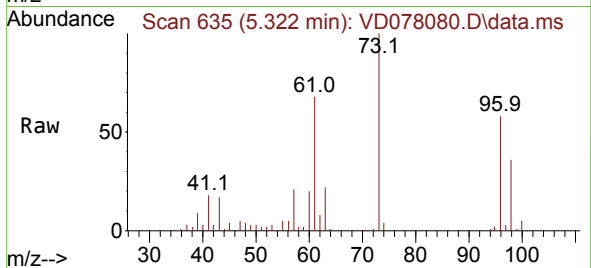
VSTDIC100

Tgt Ion: 73 Resp: 368984

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#20

Methylene Chloride

Concen: 94.278 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Tgt Ion: 84 Resp: 183014

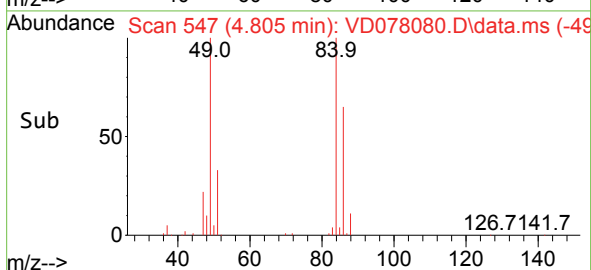
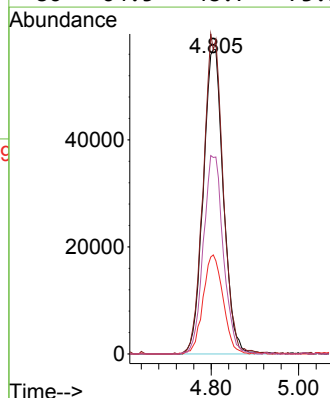
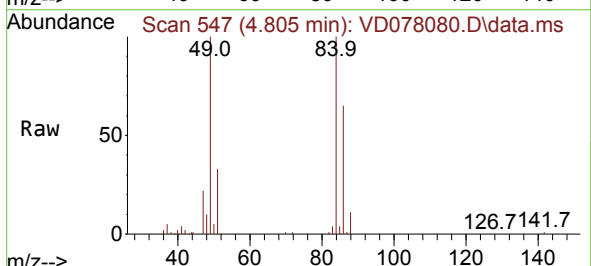
Ion Ratio Lower Upper

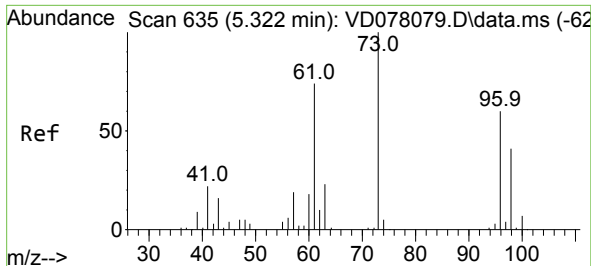
84 100

49 99.9 71.4 107.2

51 32.5 24.5 36.7

86 64.5 48.7 73.1

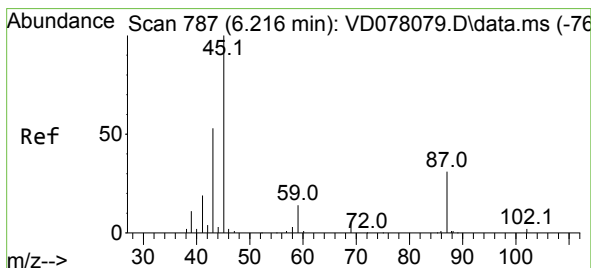
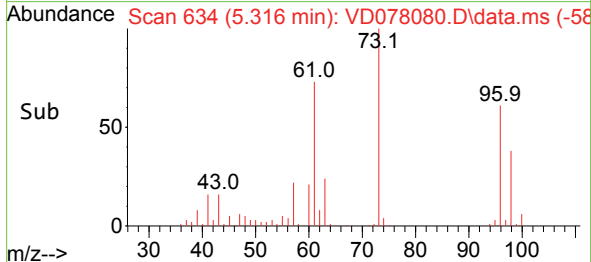
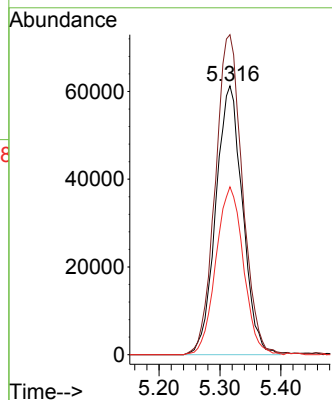
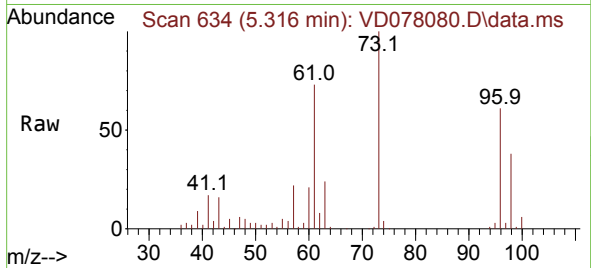




#21
trans-1,2-Dichloroethene
Concen: 93.776 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

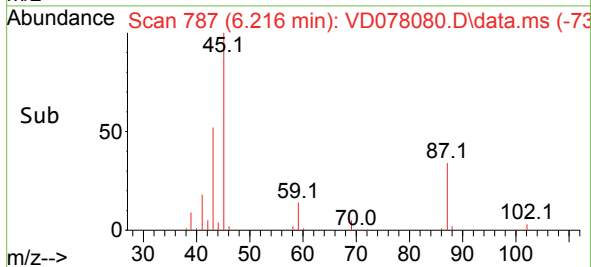
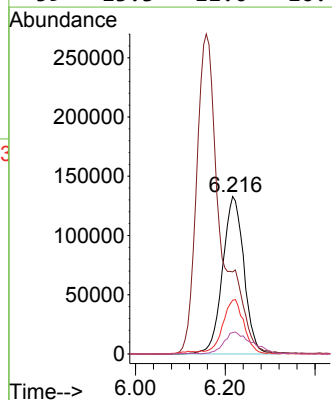
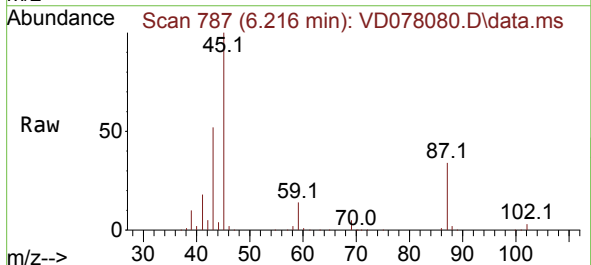
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

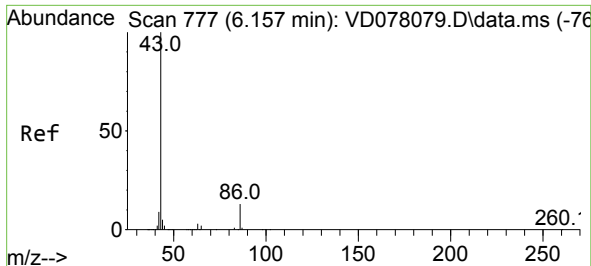
Tgt Ion: 96 Resp: 186953
Ion Ratio Lower Upper
96 100
61 119.0 89.3 133.9
98 62.4 48.6 73.0



#22
Diisopropyl ether
Concen: 94.195 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 45 Resp: 441052
Ion Ratio Lower Upper
45 100
43 51.5 40.0 60.0
87 34.0 28.2 42.4
59 13.3 11.0 16.4

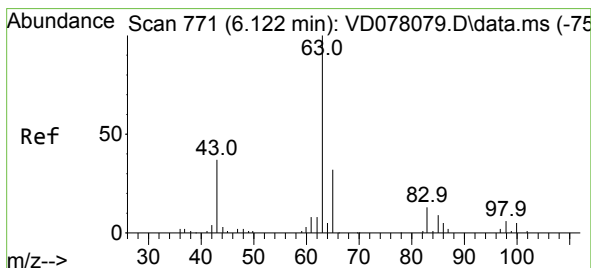
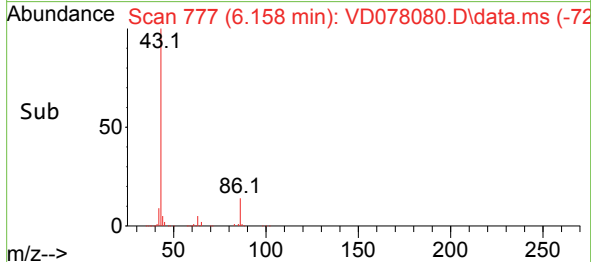
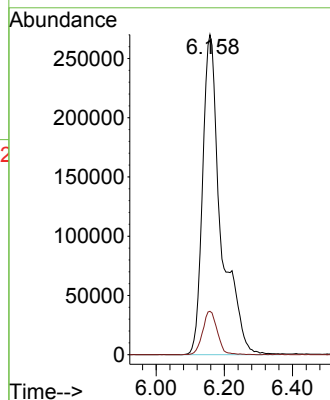
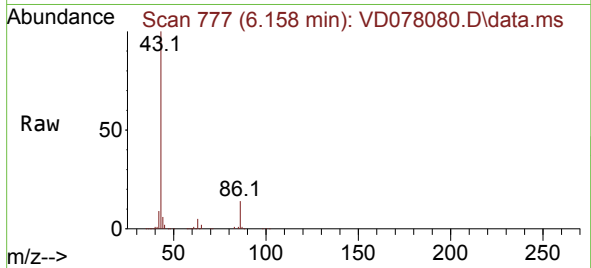




#23
 Vinyl Acetate
 Concen: 465.072 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

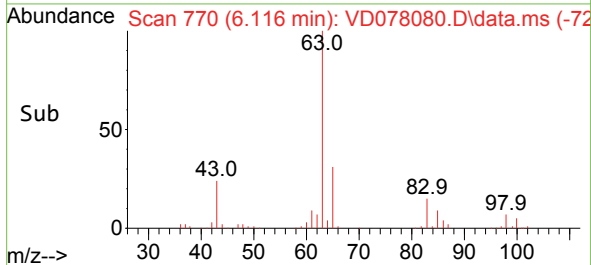
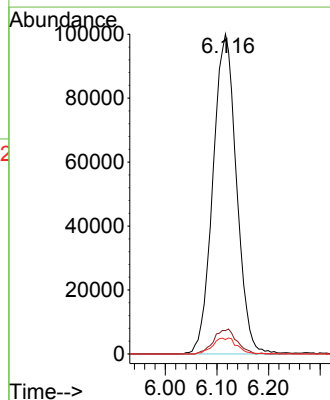
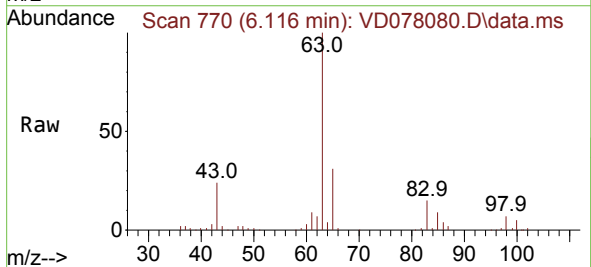
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

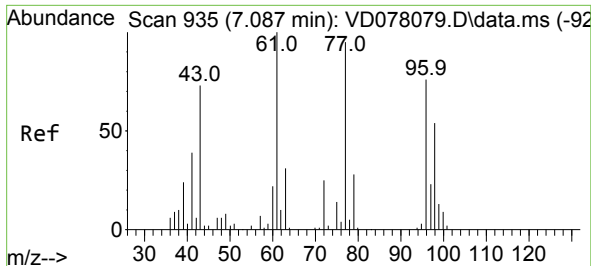
Tgt Ion: 43 Resp: 1013316
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 91.421 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

Tgt Ion: 63 Resp: 316787
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 462.069 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

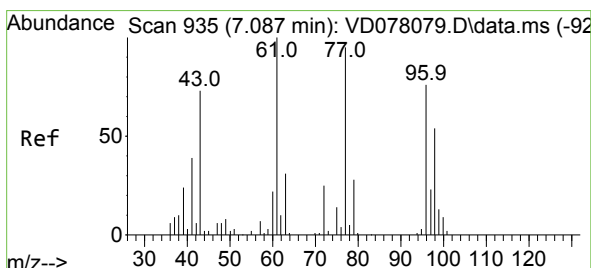
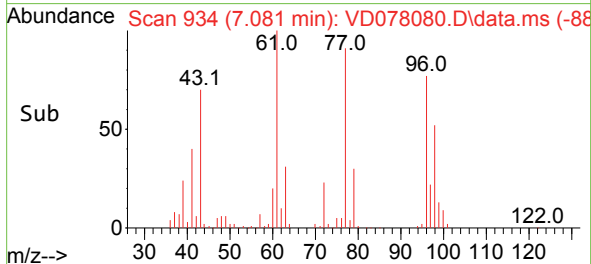
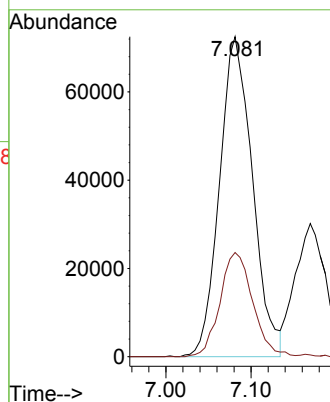
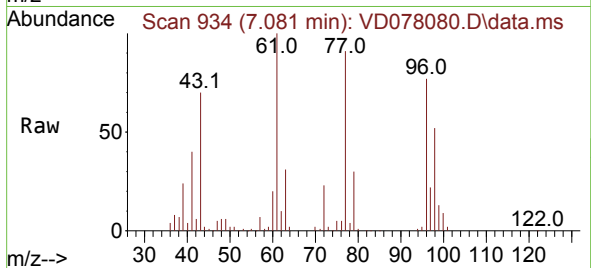
VSTDICC100

Tgt Ion: 43 Resp: 195195

Ion Ratio Lower Upper

43 100

72 32.5 30.7 46.1



#26

2,2-Dichloropropane

Concen: 90.769 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD078080.D

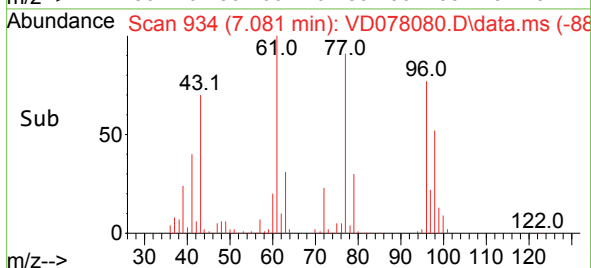
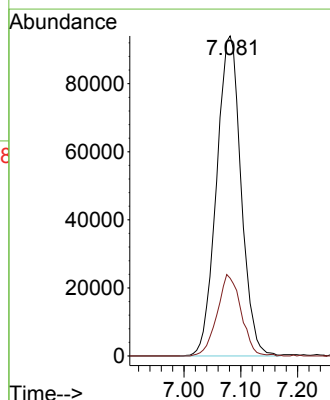
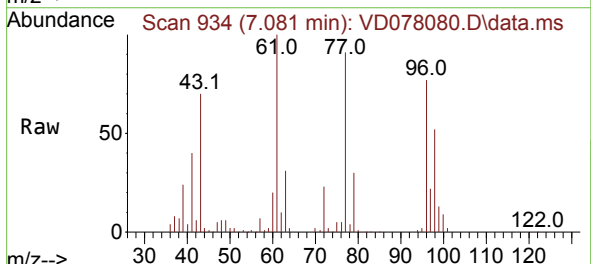
Acq: 26 Dec 2023 13:24

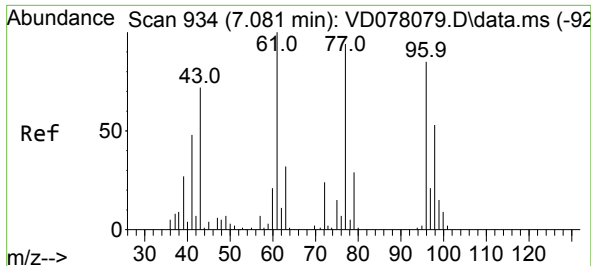
Tgt Ion: 77 Resp: 282576

Ion Ratio Lower Upper

77 100

97 24.8 13.2 39.6

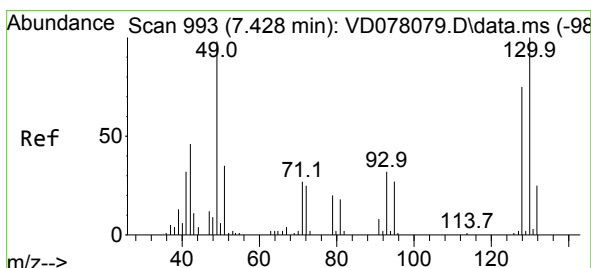
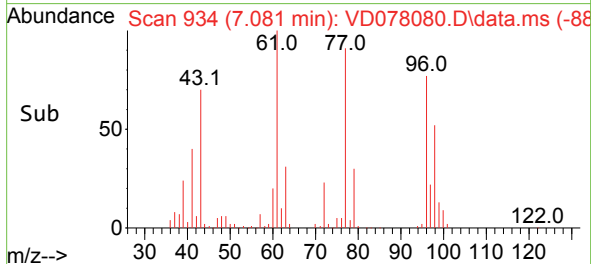
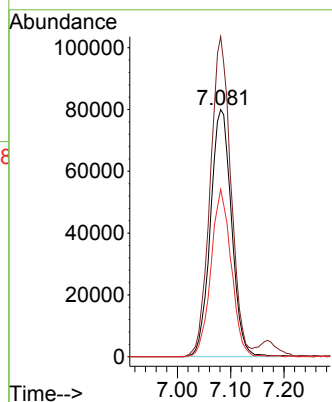
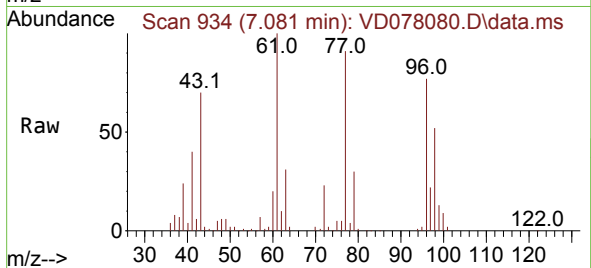




#27
 cis-1,2-Dichloroethene
 Concen: 93.164 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

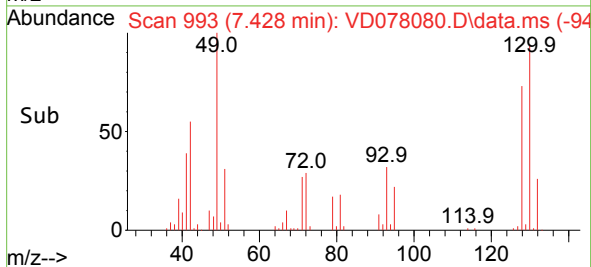
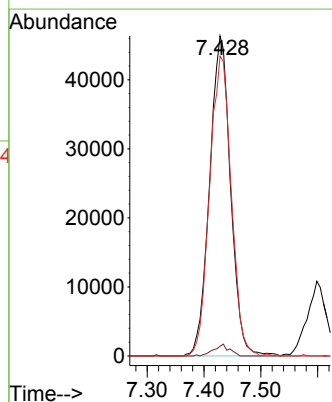
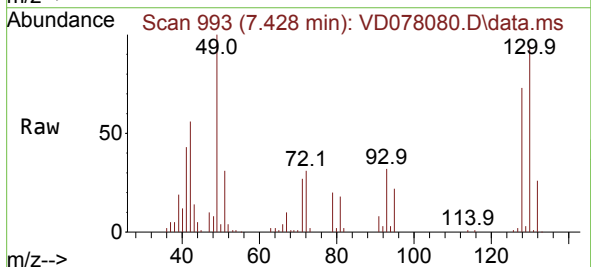
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

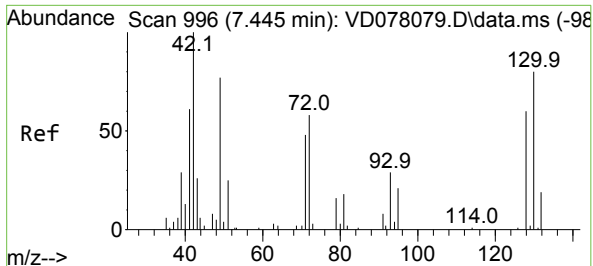
Tgt Ion: 96 Resp: 220348
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 239.2
 98 64.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 95.854 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

Tgt Ion: 49 Resp: 118831
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 6.0
 130 96.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 444.536 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

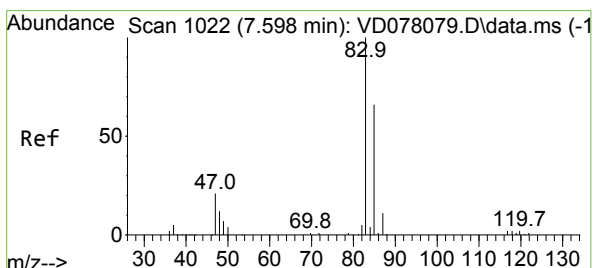
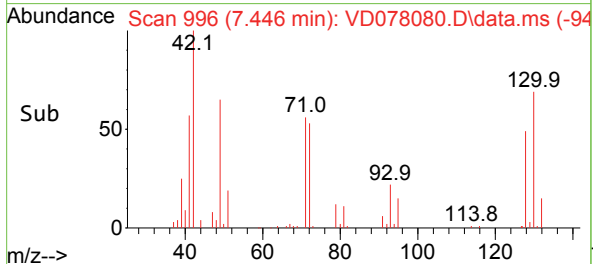
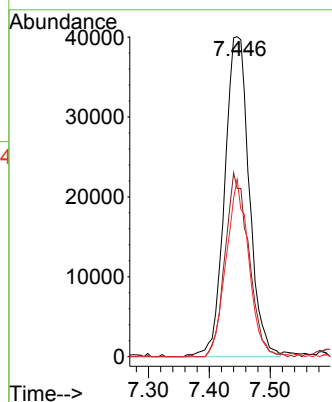
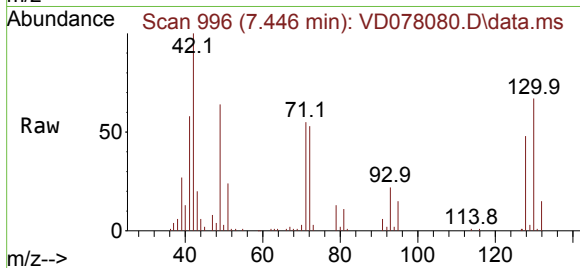
Tgt Ion: 42 Resp: 112370

Ion Ratio Lower Upper

42 100

72 55.6 46.5 69.7

71 51.2 44.5 66.7



#30

Chloroform

Concen: 90.792 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078080.D

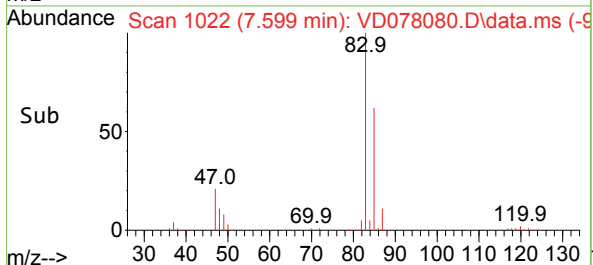
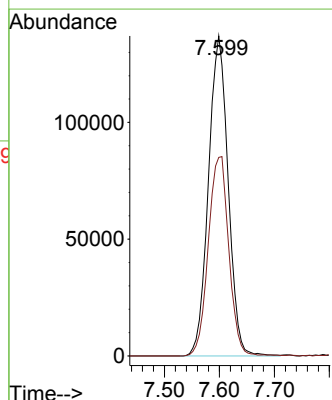
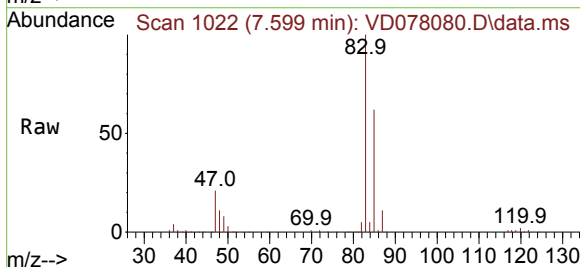
Acq: 26 Dec 2023 13:24

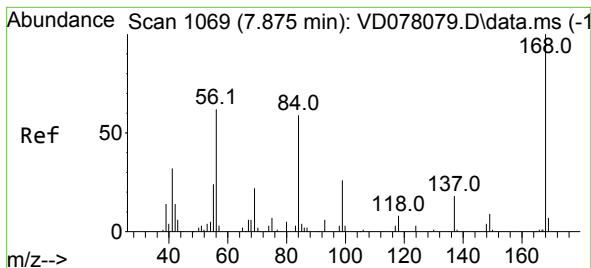
Tgt Ion: 83 Resp: 340941

Ion Ratio Lower Upper

83 100

85 62.1 53.4 80.2





#31

Cyclohexane

Concen: 92.184 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

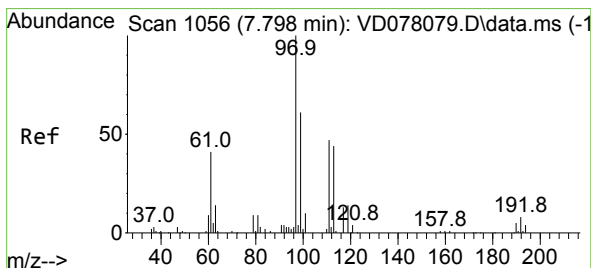
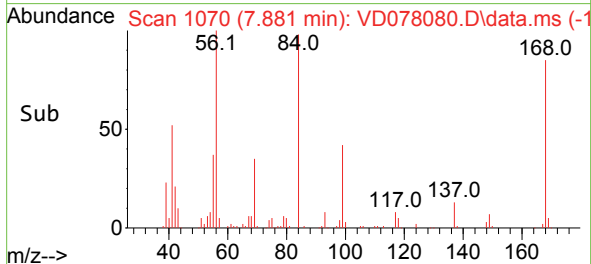
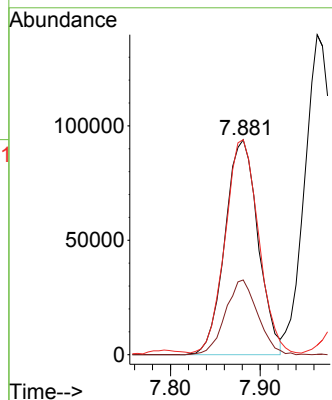
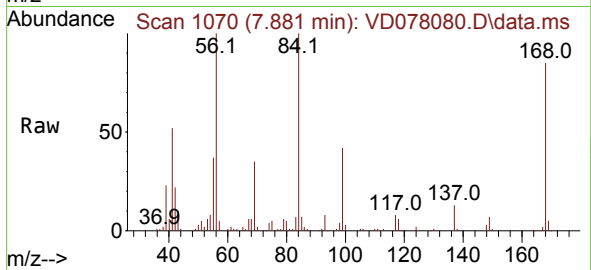
Tgt Ion: 56 Resp: 240133

Ion Ratio Lower Upper

56 100

69 34.8 28.6 43.0

84 98.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 93.533 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

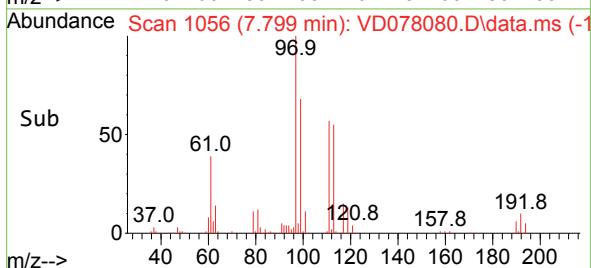
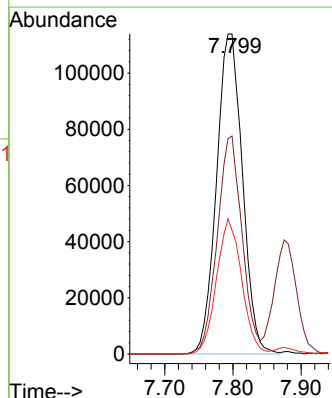
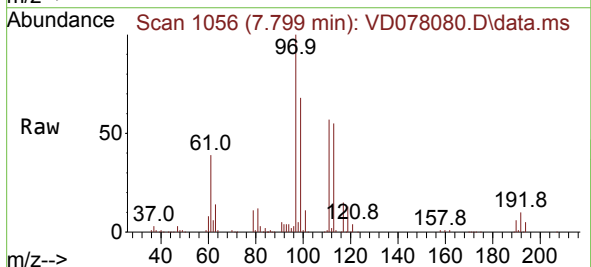
Tgt Ion: 97 Resp: 301859

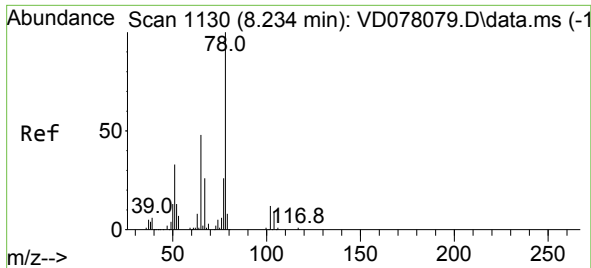
Ion Ratio Lower Upper

97 100

99 65.2 52.0 78.0

61 40.9 33.8 50.8

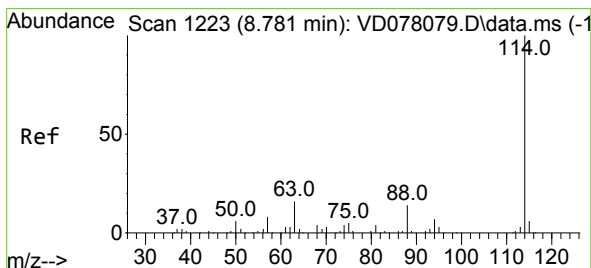
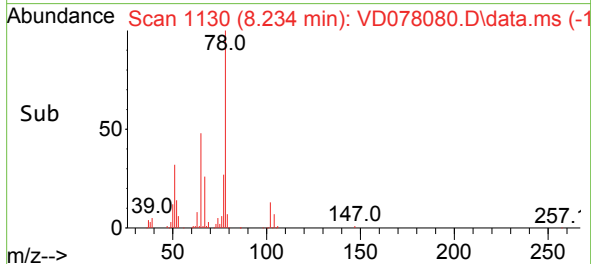
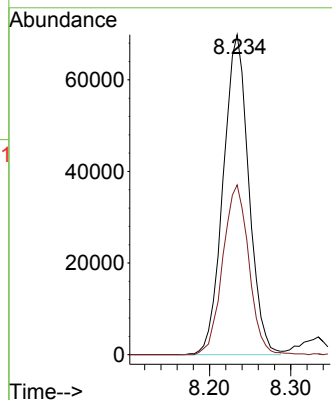
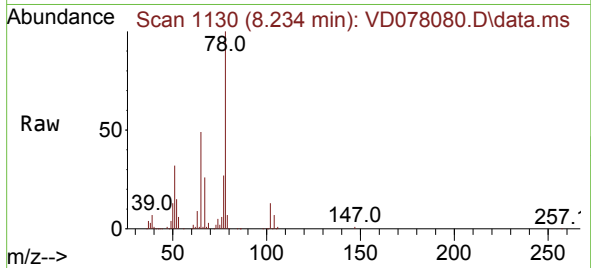




#33
1,2-Dichloroethane-d4
Concen: 93.626 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

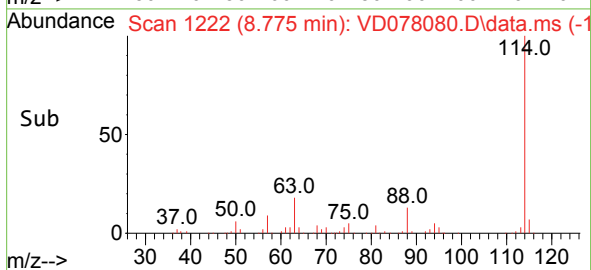
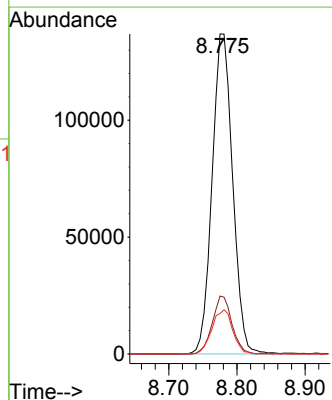
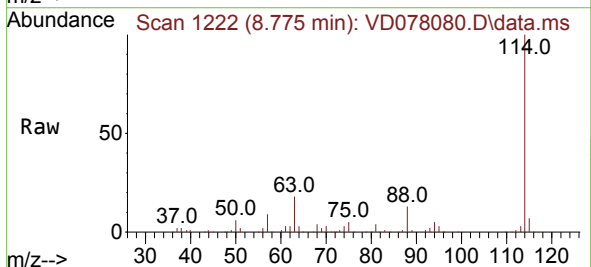
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

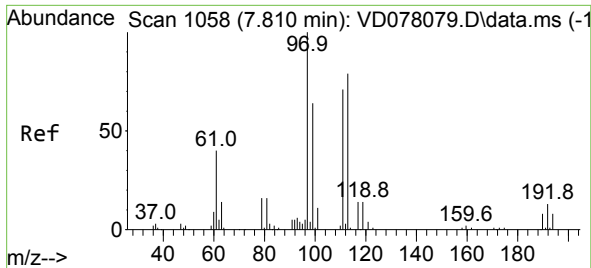
Tgt Ion: 65 Resp: 152883
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:114 Resp: 287346
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.4
88 12.6 0.0 26.2

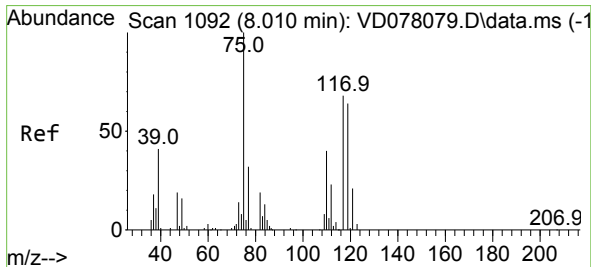
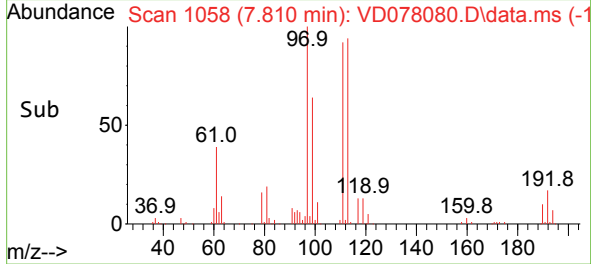
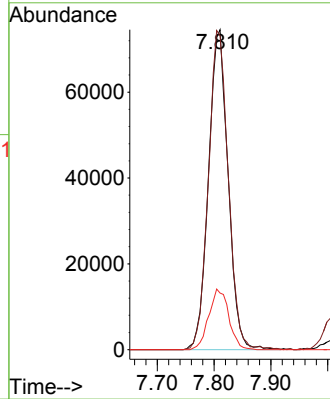
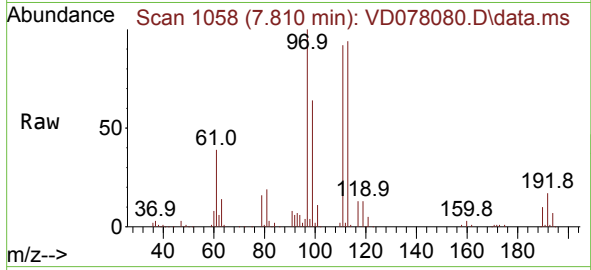




#35
Dibromofluoromethane
Concen: 96.469 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

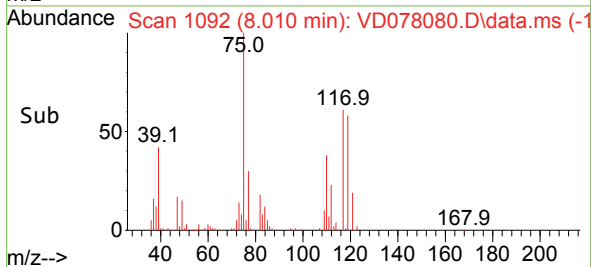
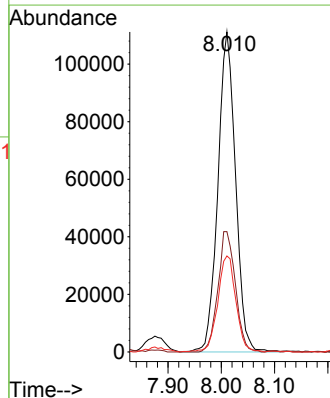
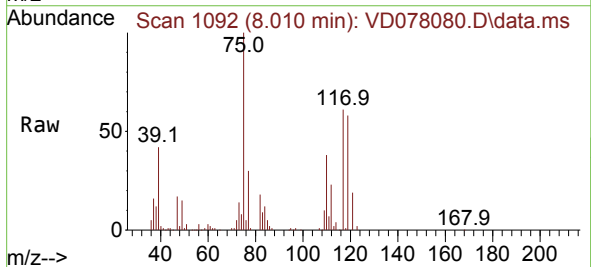
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

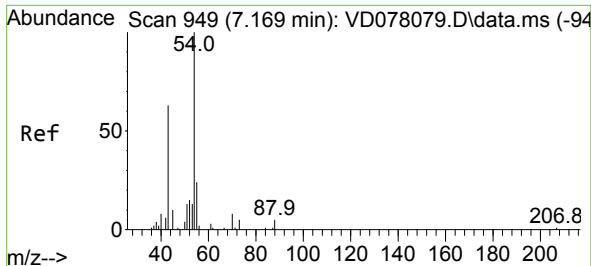
Tgt Ion:113 Resp: 178358
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 19.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 98.184 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 75 Resp: 255417
Ion Ratio Lower Upper
75 100
110 37.3 19.9 59.6
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 91.207 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

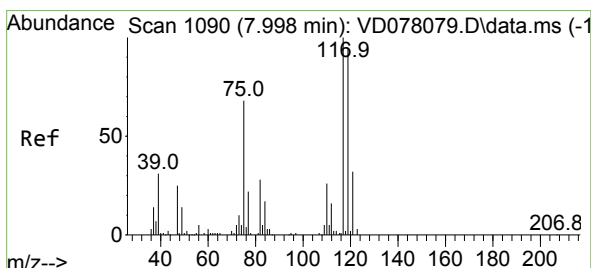
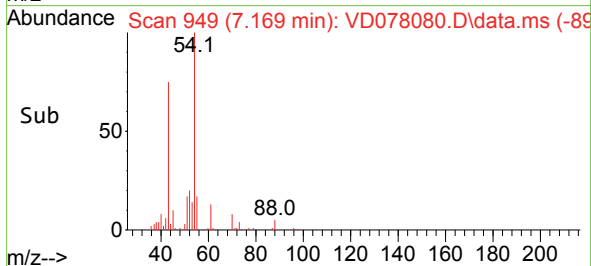
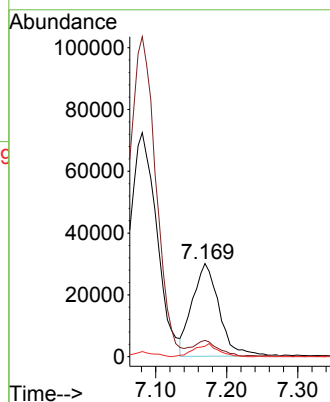
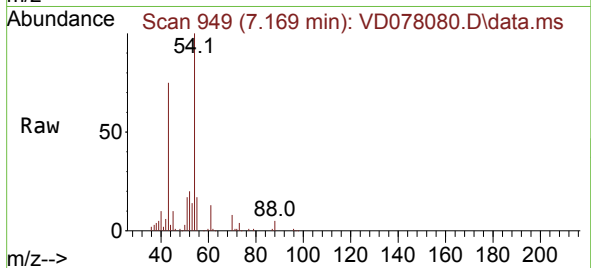
Tgt Ion: 43 Resp: 78913

Ion Ratio Lower Upper

43 100

61 14.7 14.9 22.3#

70 12.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 99.043 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

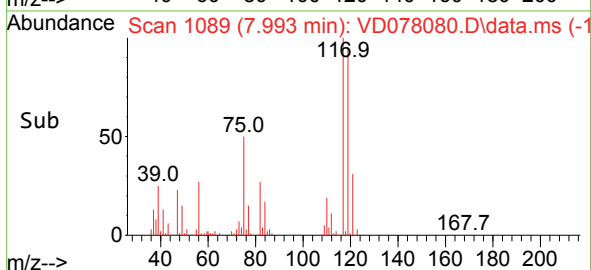
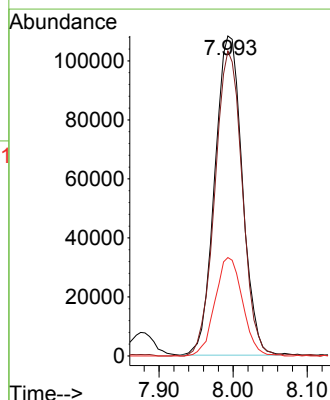
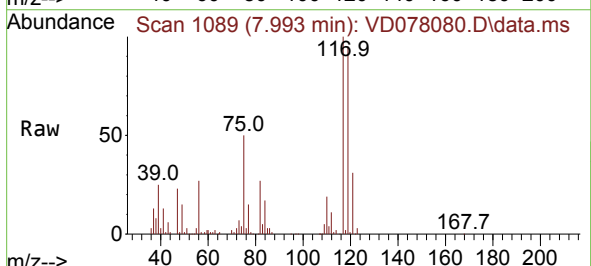
Tgt Ion: 117 Resp: 279194

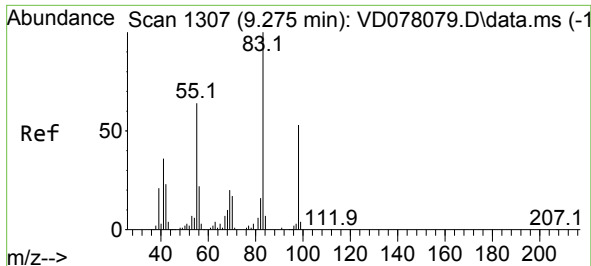
Ion Ratio Lower Upper

117 100

119 95.5 78.0 117.0

121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 102.198 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

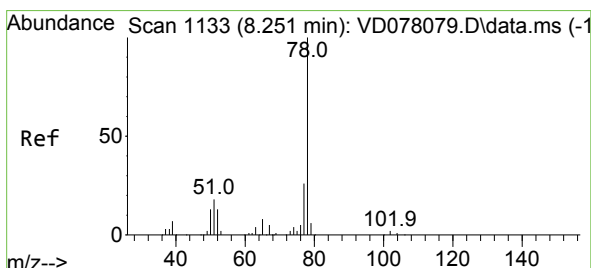
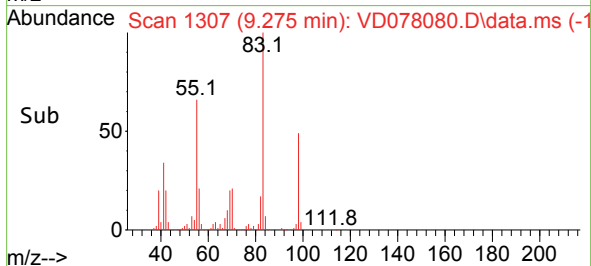
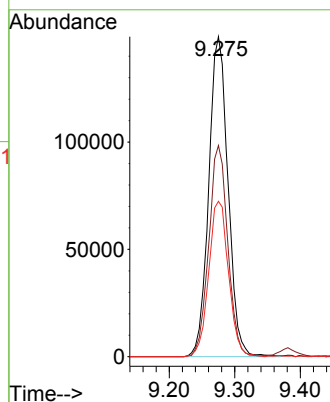
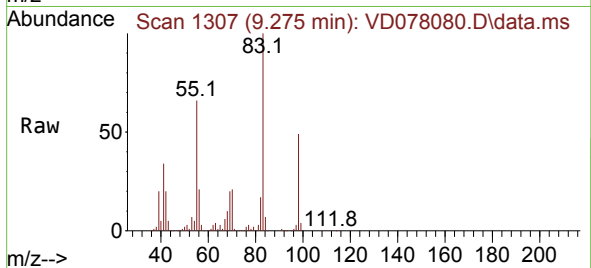
Tgt Ion: 83 Resp: 304806

Ion Ratio Lower Upper

83 100

55 66.0 49.4 74.0

98 48.5 38.4 57.6



#40

Benzene

Concen: 97.998 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078080.D

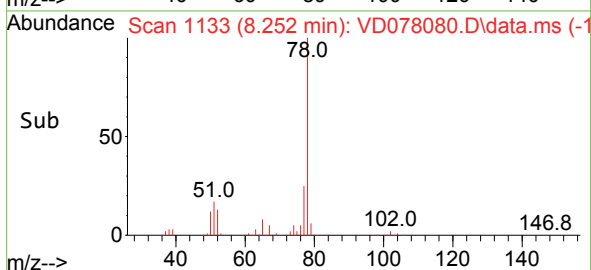
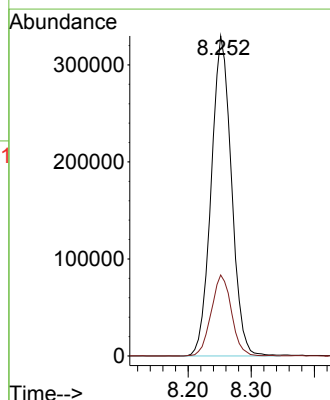
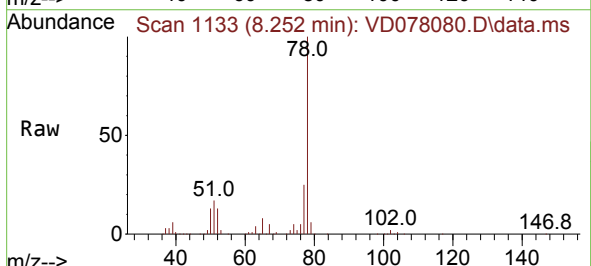
Acq: 26 Dec 2023 13:24

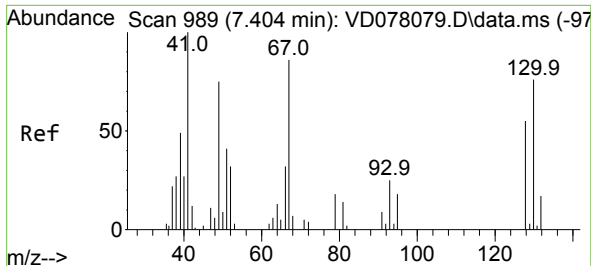
Tgt Ion: 78 Resp: 734773

Ion Ratio Lower Upper

78 100

77 25.3 19.4 29.0

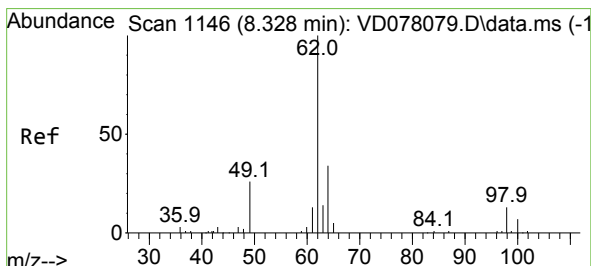
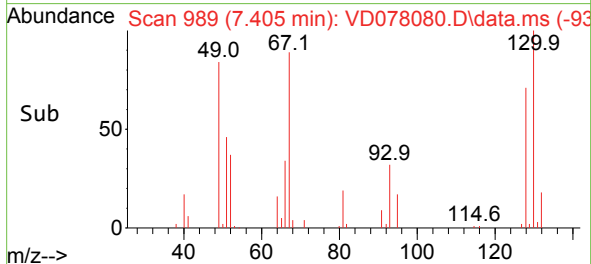
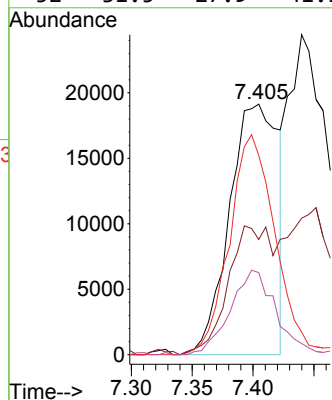
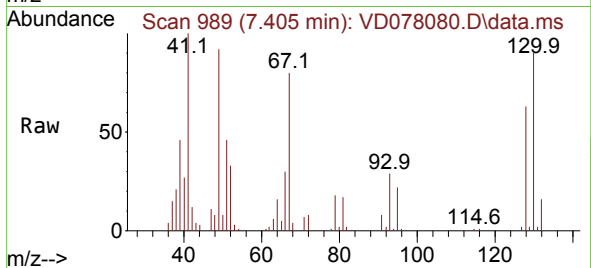




#41
Methacrylonitrile
Concen: 97.164 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

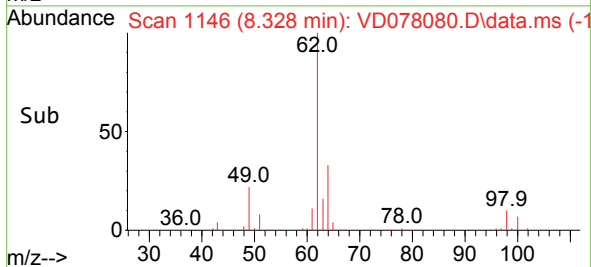
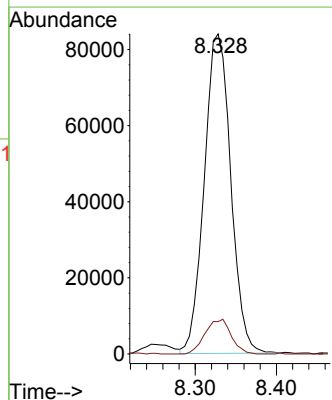
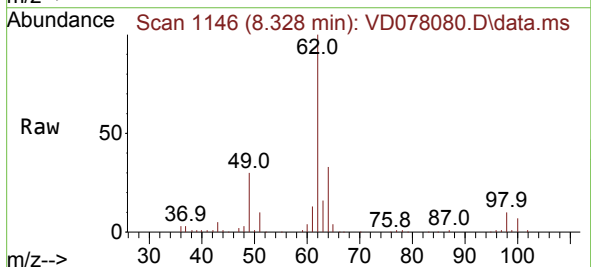
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

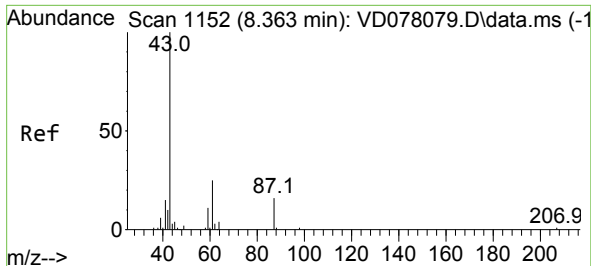
Tgt Ion: 41 Resp: 53241
Ion Ratio Lower Upper
41 100
39 45.2 34.0 51.0
67 83.6 77.0 115.4
52 31.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 94.078 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 62 Resp: 190627
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4

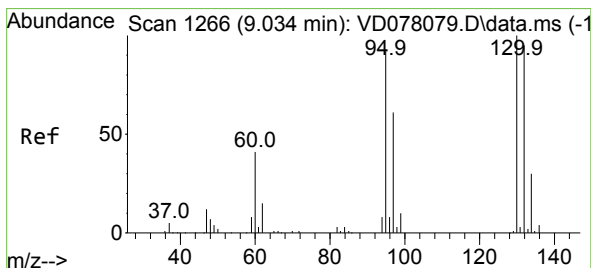
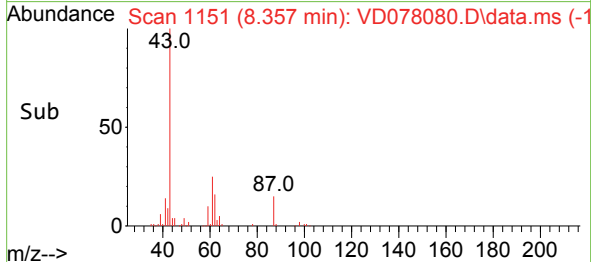
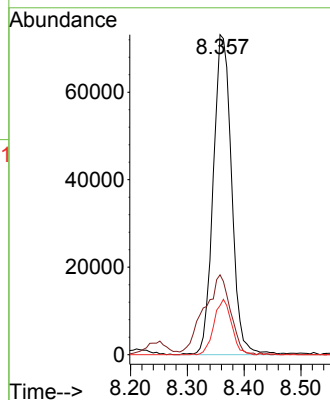
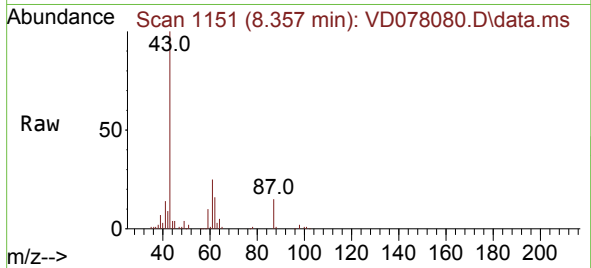




#43
Isopropyl Acetate
Concen: 94.553 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

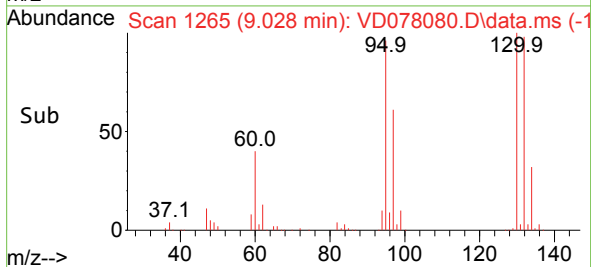
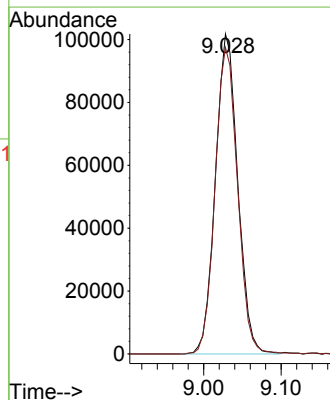
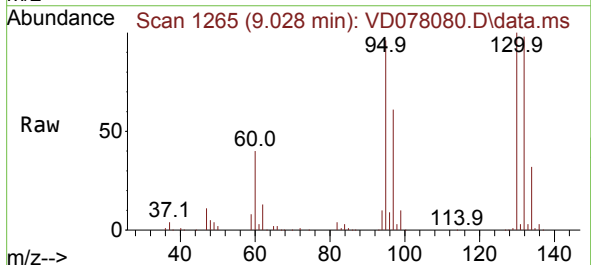
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

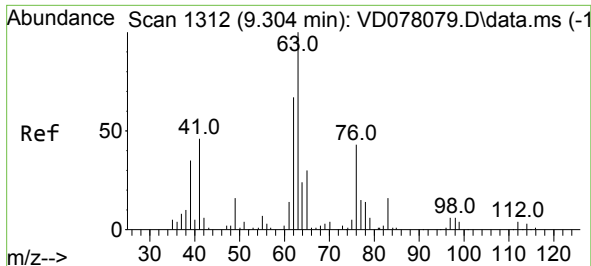
Tgt Ion: 43 Resp: 163784
Ion Ratio Lower Upper
43 100
61 36.0 31.4 47.0
87 16.7 14.9 22.3



#44
Trichloroethene
Concen: 94.659 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:130 Resp: 204191
Ion Ratio Lower Upper
130 100
95 95.7 0.0 179.2

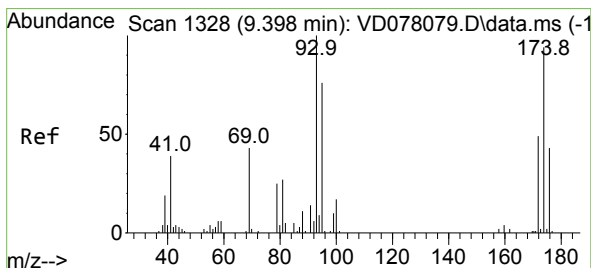
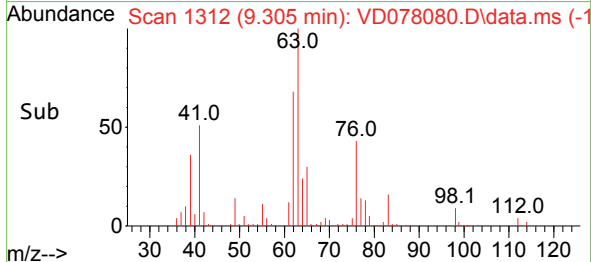
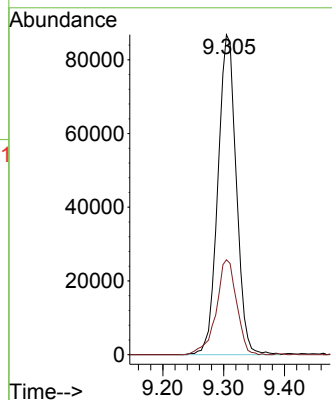
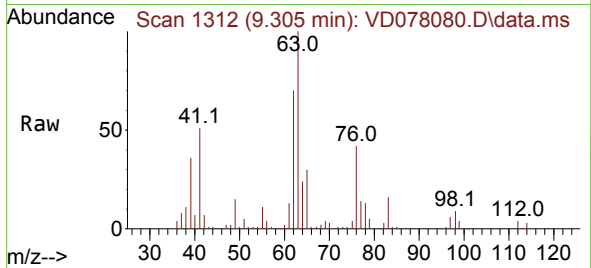




#45
1,2-Dichloropropane
Concen: 95.898 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

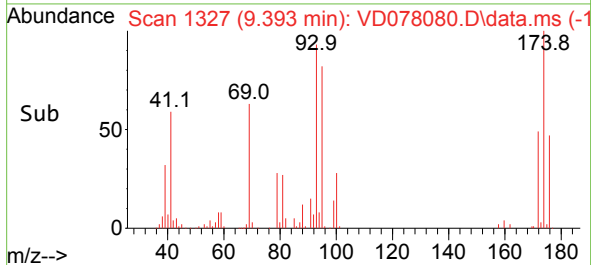
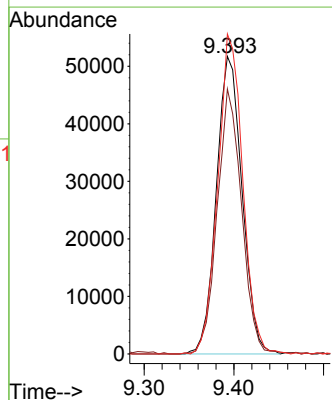
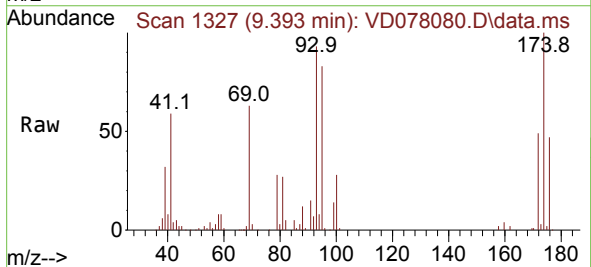
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

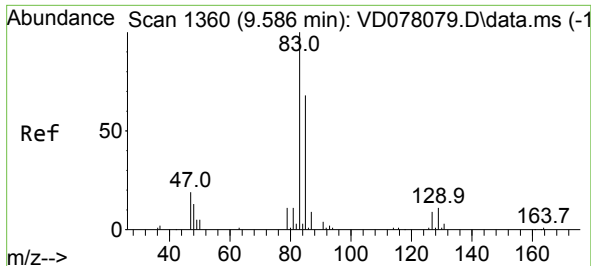
Tgt Ion: 63 Resp: 182200
Ion Ratio Lower Upper
63 100
65 29.6 24.5 36.7



#46
Dibromomethane
Concen: 96.832 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 93 Resp: 103040
Ion Ratio Lower Upper
93 100
95 84.7 67.7 101.5
174 104.2 85.4 128.2

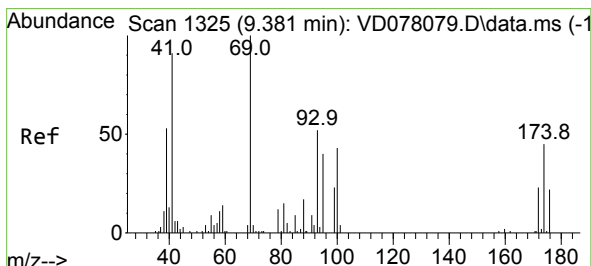
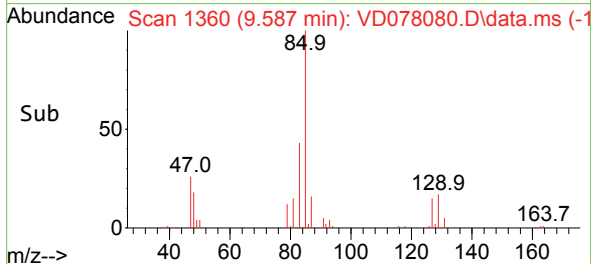
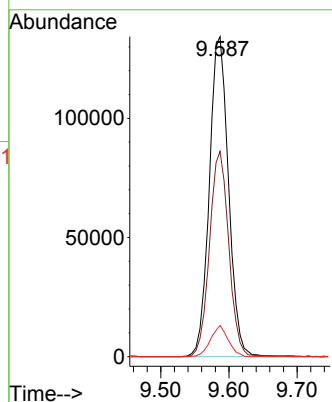
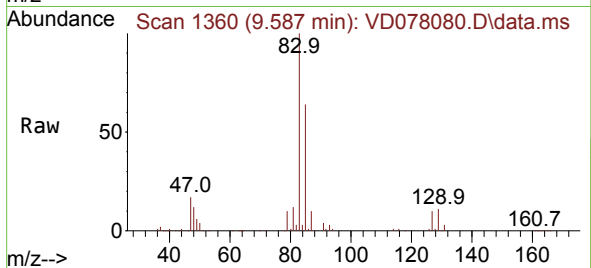




#47
Bromodichloromethane
Concen: 95.154 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

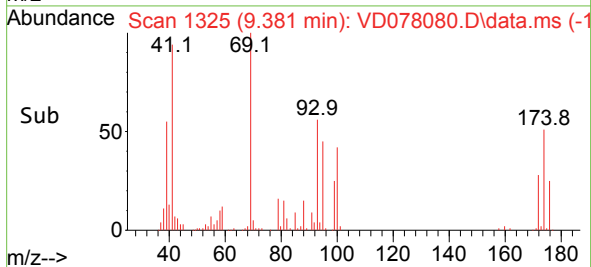
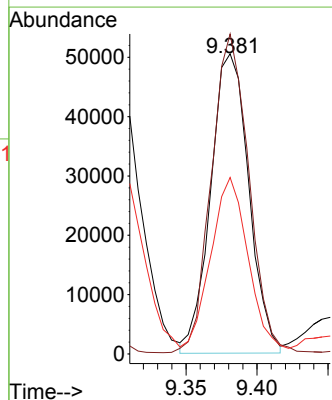
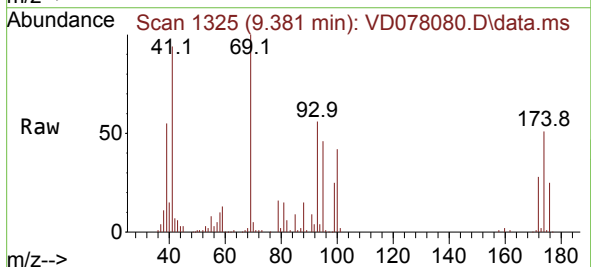
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

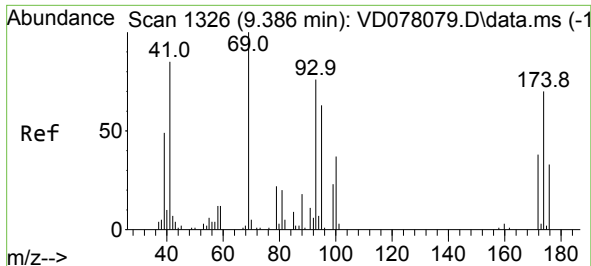
Tgt Ion: 83 Resp: 263018
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 96.584 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 41 Resp: 94287
Ion Ratio Lower Upper
41 100
69 104.7 102.2 153.2
39 58.5 41.4 62.2





#49

1,4-Dioxane

Concen: 1750.485 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

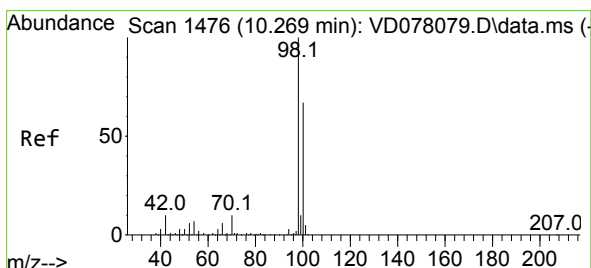
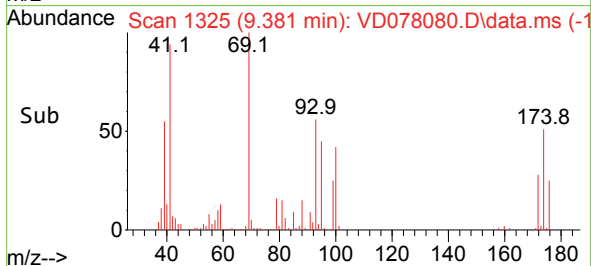
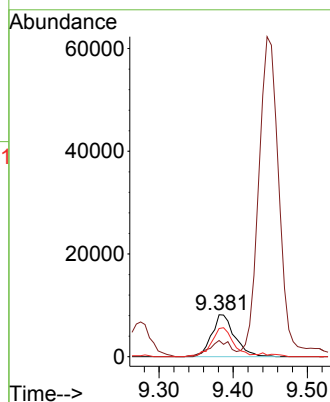
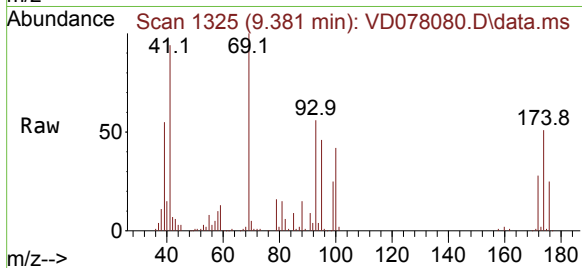
Tgt Ion: 88 Resp: 17609

Ion Ratio Lower Upper

88 100

43 34.9 19.0 28.6#

58 66.3 43.5 65.3#



#50

Toluene-d8

Concen: 103.560 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078080.D

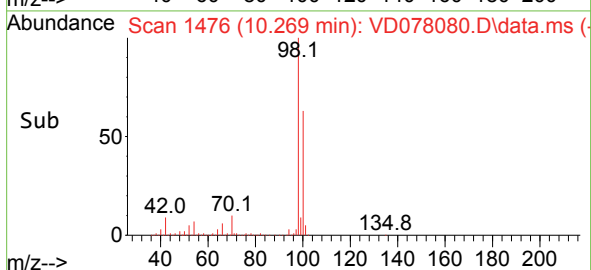
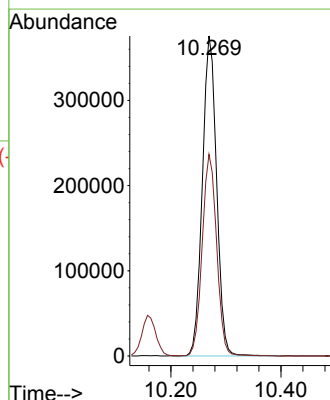
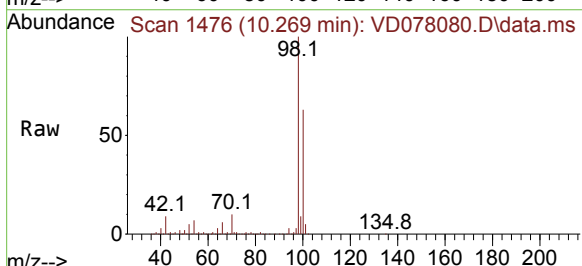
Acq: 26 Dec 2023 13:24

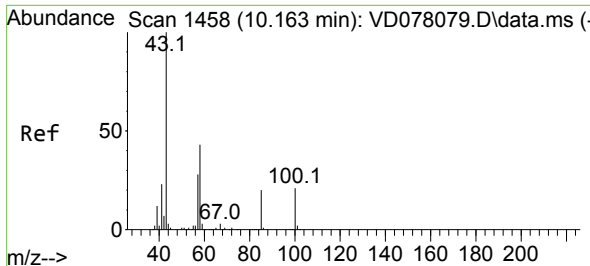
Tgt Ion: 98 Resp: 673723

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

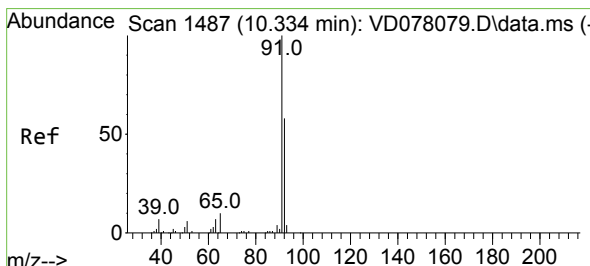
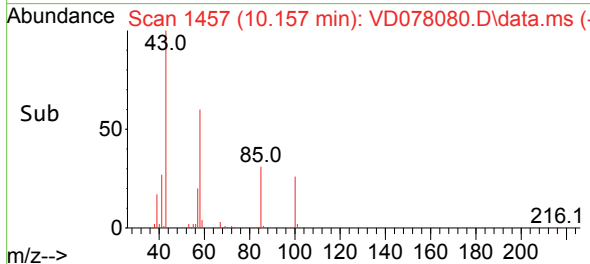
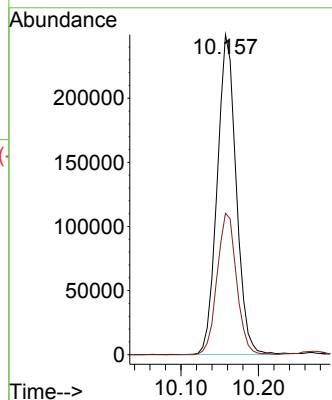
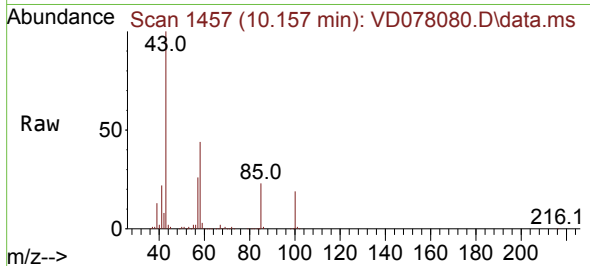




#51
4-Methyl-2-Pentanone
Concen: 479.164 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

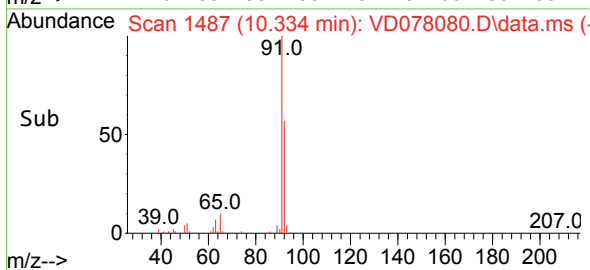
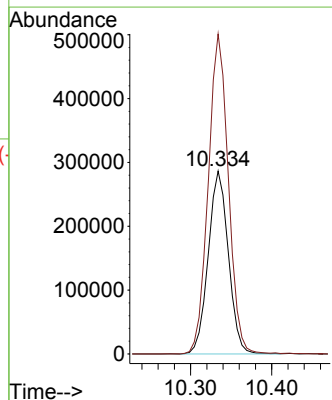
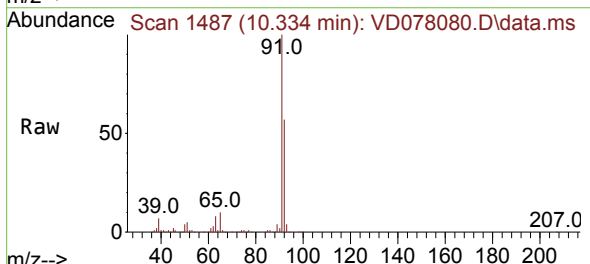
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

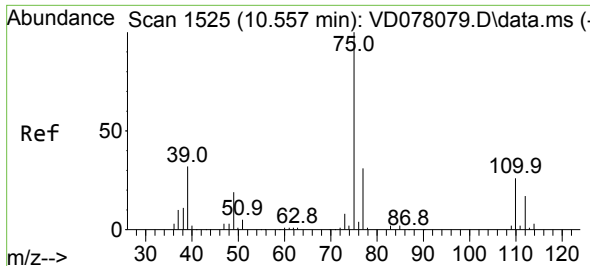
Tgt Ion: 43 Resp: 425891
Ion Ratio Lower Upper
43 100
58 45.3 38.9 58.3



#52
Toluene
Concen: 101.368 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 92 Resp: 492960
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4

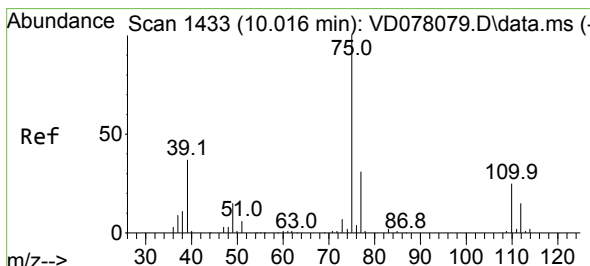
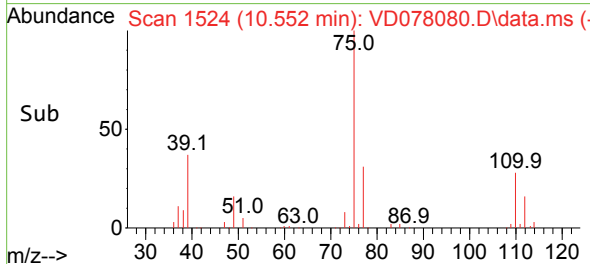
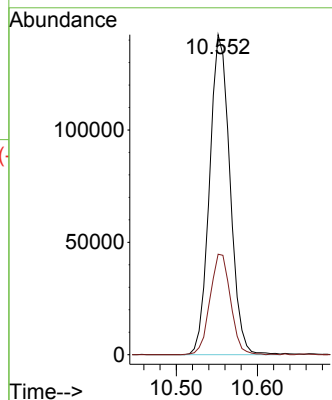
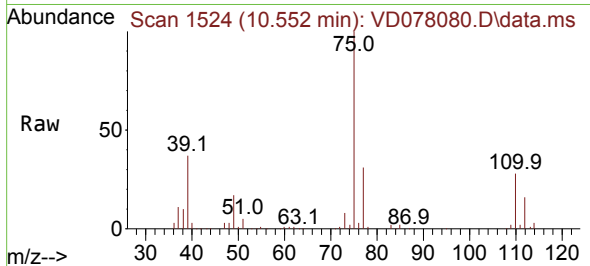




#53
 t-1,3-Dichloropropene
 Concen: 99.150 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

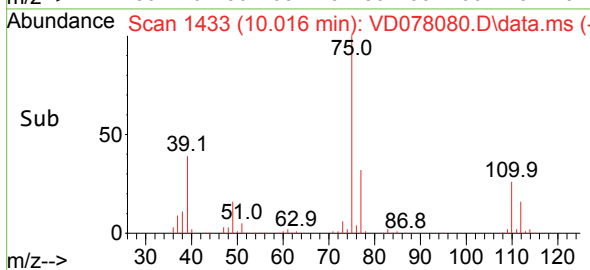
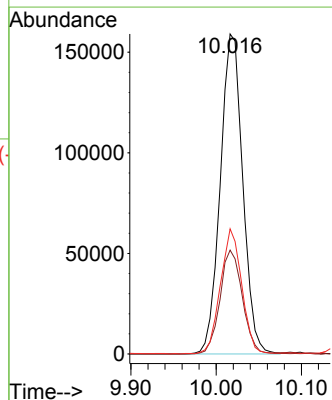
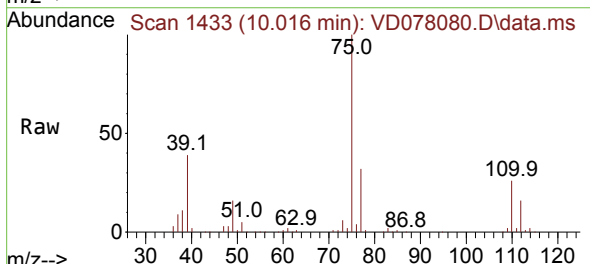
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

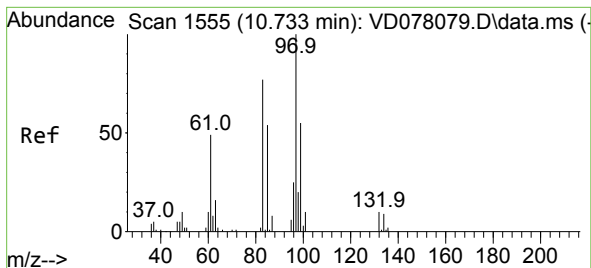
Tgt Ion: 75 Resp: 248655
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 97.047 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

Tgt Ion: 75 Resp: 292274
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3
 39 39.1 22.1 33.1#



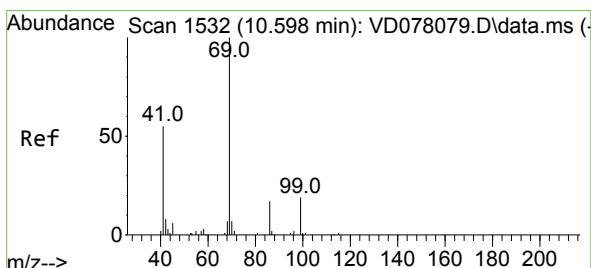
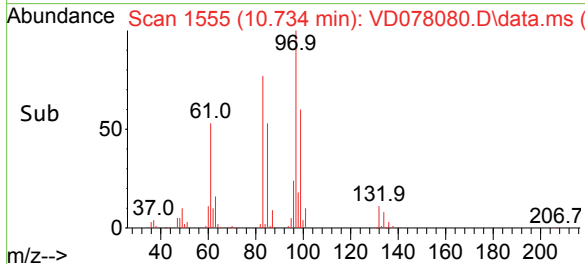
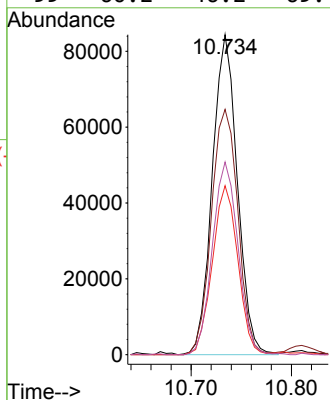
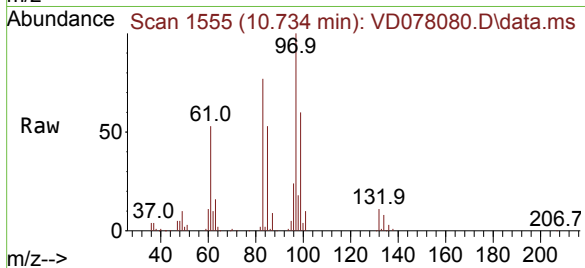


#55
 1,1,2-Trichloroethane
 Concen: 97.726 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 146341

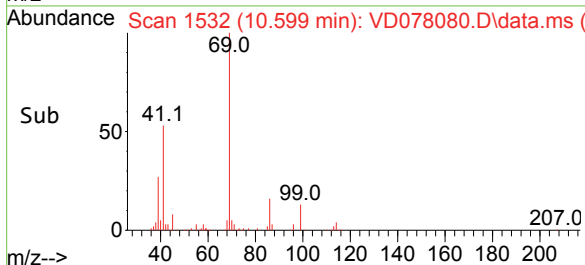
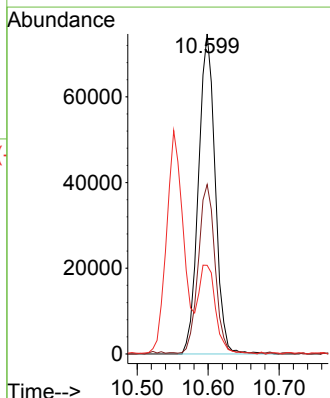
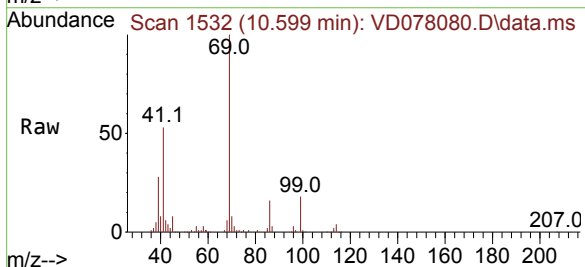
Ion	Ratio	Lower	Upper
97	100		
83	76.6	65.8	98.6
85	52.8	45.7	68.5
99	60.2	46.2	69.4

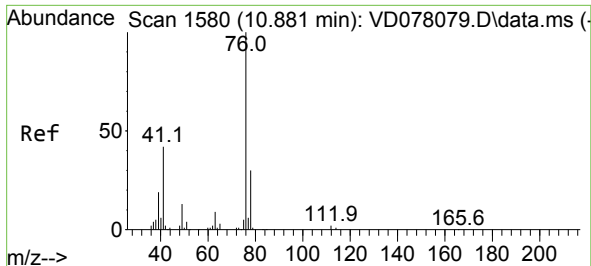


#56
 Ethyl methacrylate
 Concen: 102.898 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

Tgt Ion: 69 Resp: 122279

Ion	Ratio	Lower	Upper
69	100		
41	52.7	39.1	58.7
39	27.7	20.0	30.0

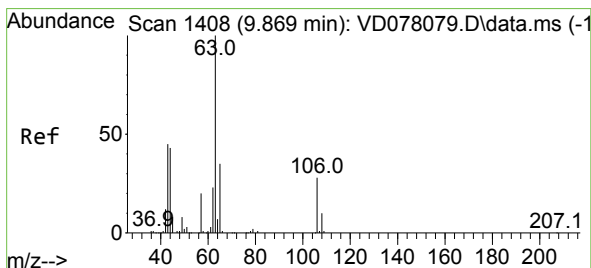
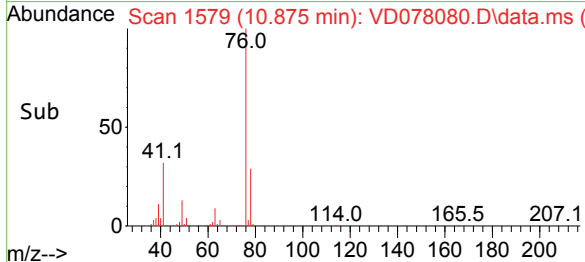
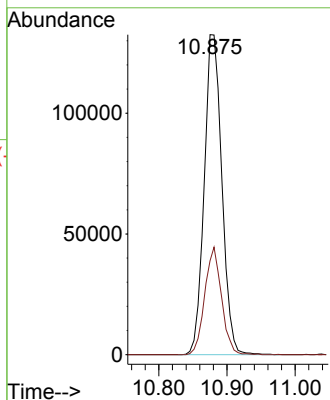
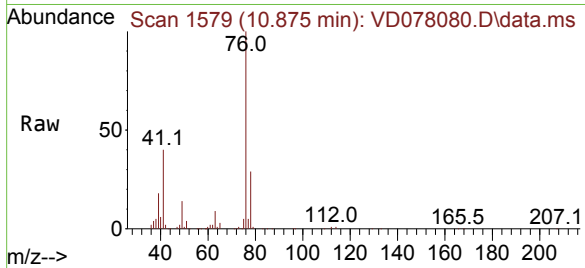




#57
1,3-Dichloropropane
Concen: 97.140 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

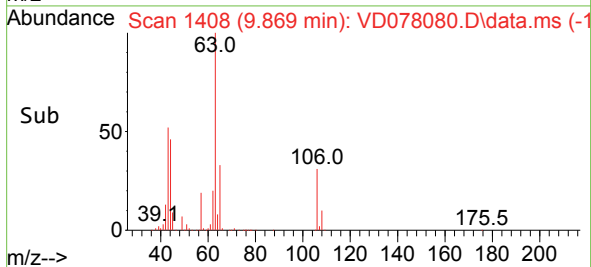
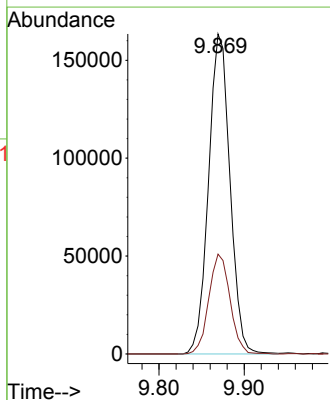
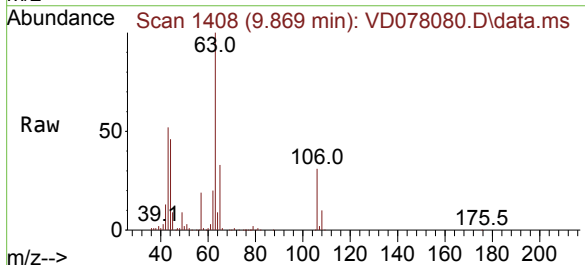
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

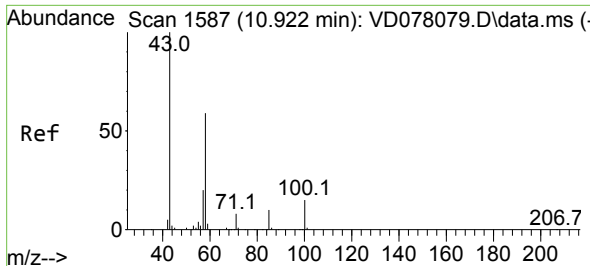
Tgt Ion: 76 Resp: 238997
Ion Ratio Lower Upper
76 100
78 31.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 556.243 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 63 Resp: 286188
Ion Ratio Lower Upper
63 100
106 30.8 25.3 37.9

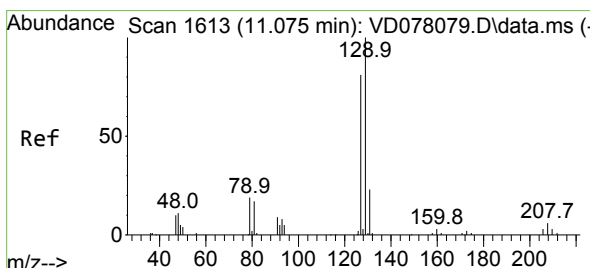
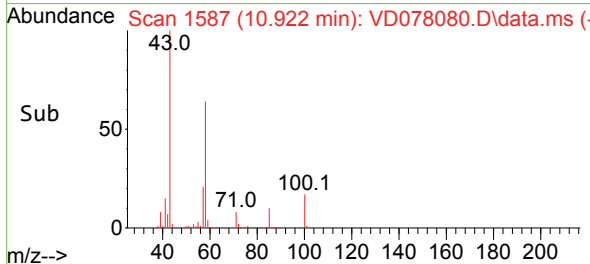
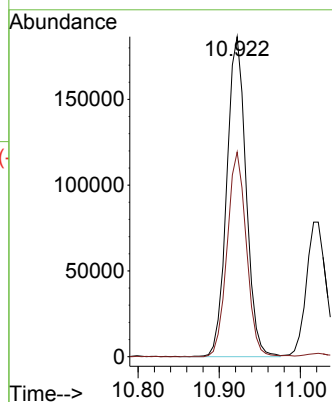
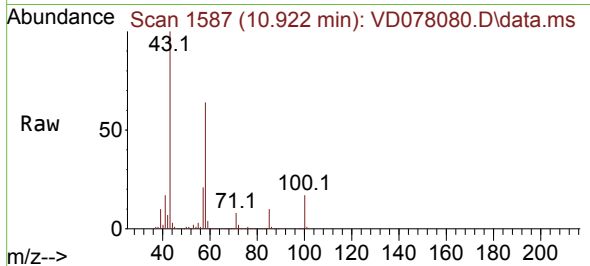




#59
2-Hexanone
Concen: 445.783 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

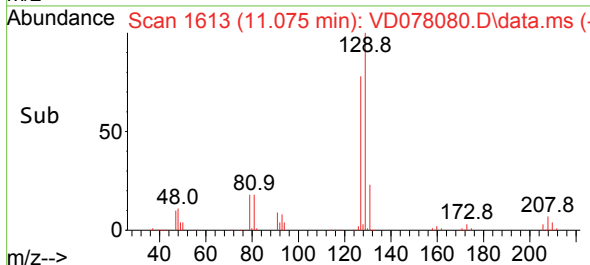
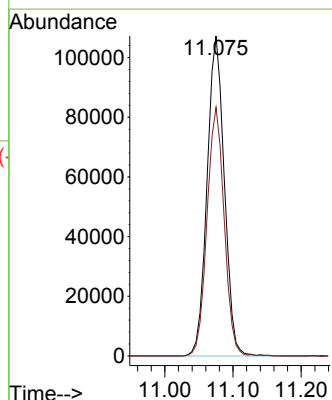
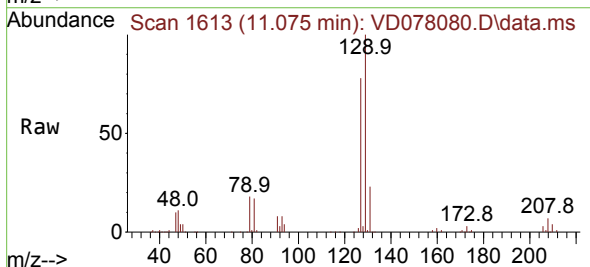
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

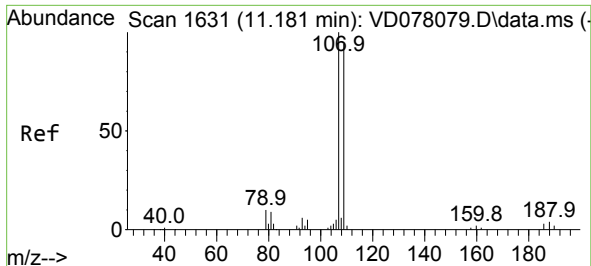
Tgt Ion: 43 Resp: 307771
Ion Ratio Lower Upper
43 100
58 63.8 34.1 102.2



#60
Dibromochloromethane
Concen: 98.892 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 129 Resp: 188653
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

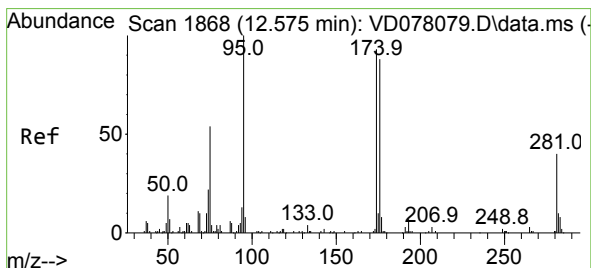
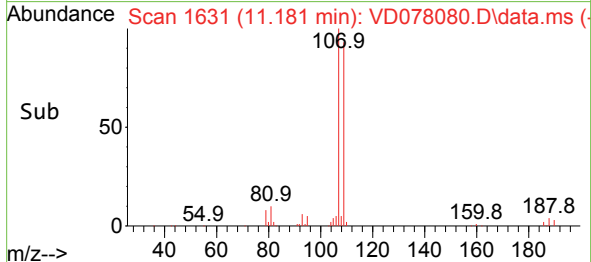
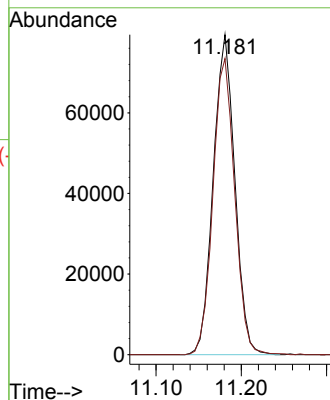
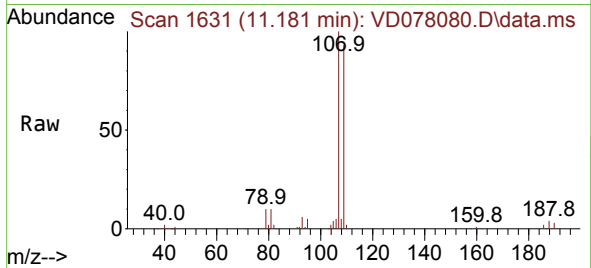




#61
1,2-Dibromoethane
Concen: 97.079 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

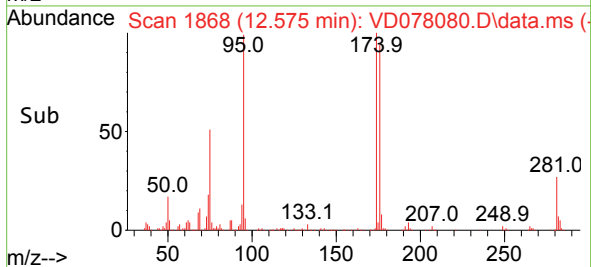
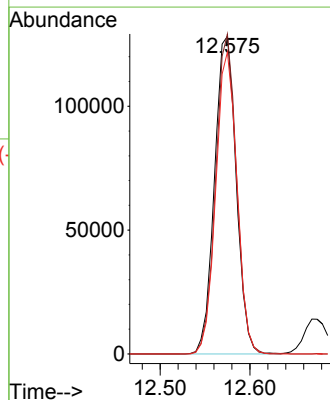
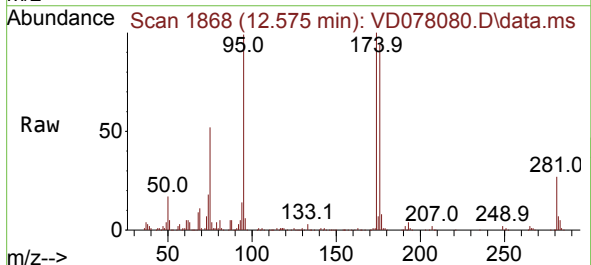
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

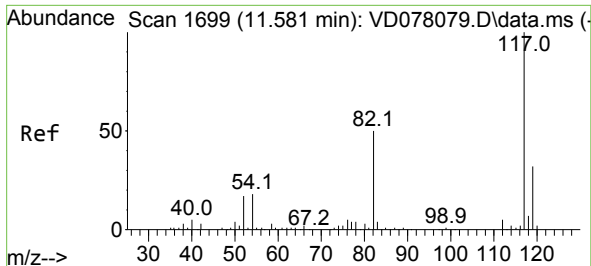
Tgt Ion:107 Resp: 139371
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 102.542 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 95 Resp: 214645
Ion Ratio Lower Upper
95 100
174 97.4 0.0 201.8
176 92.8 0.0 191.8

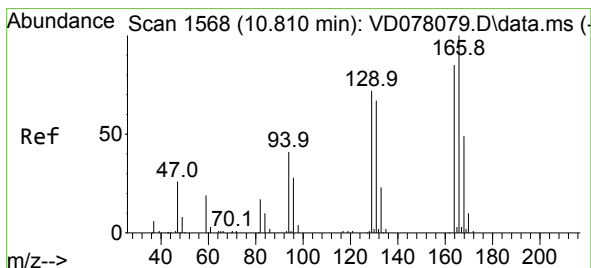
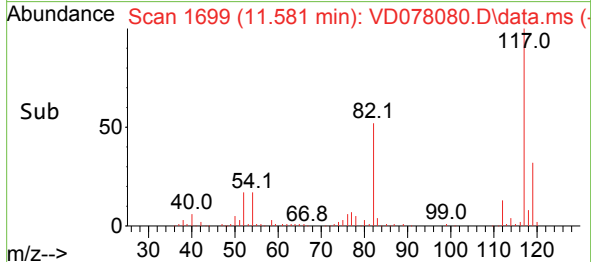
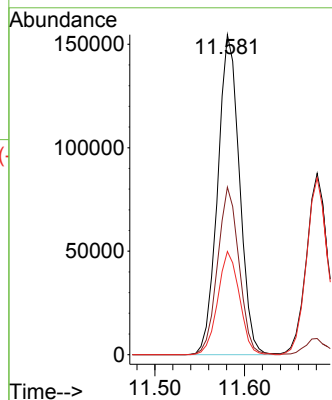
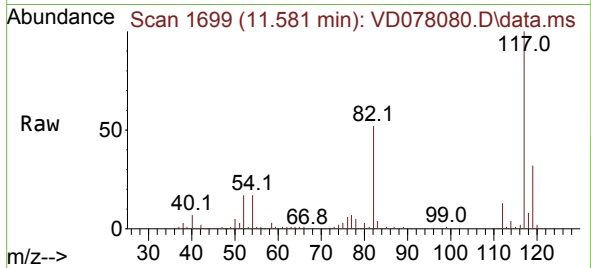




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

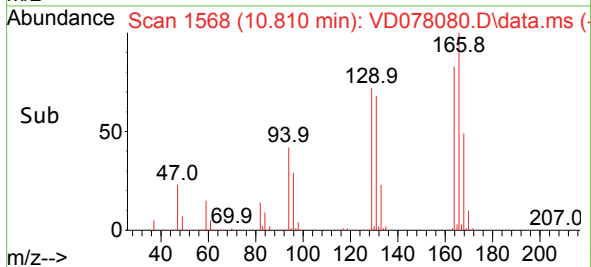
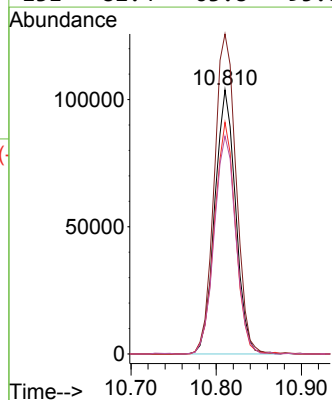
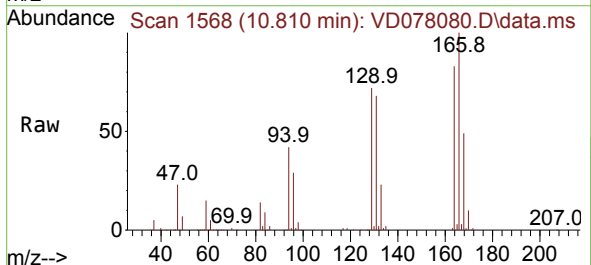
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

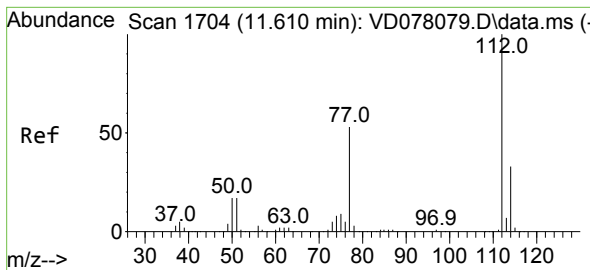
Tgt Ion:117 Resp: 261032
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 100.124 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:164 Resp: 176602
Ion Ratio Lower Upper
164 100
166 121.1 99.2 148.8
129 87.7 68.4 102.6
131 82.4 63.8 95.8

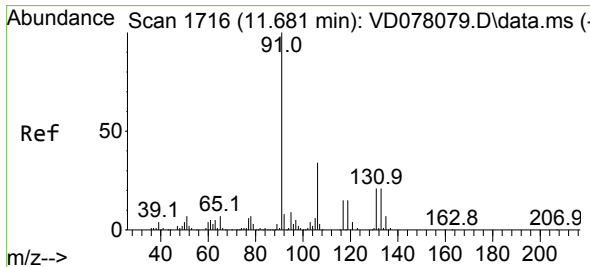
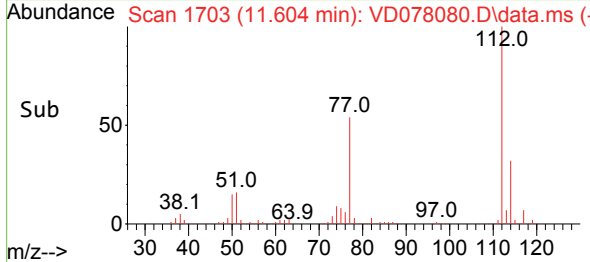
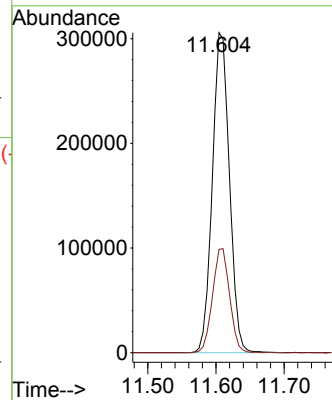
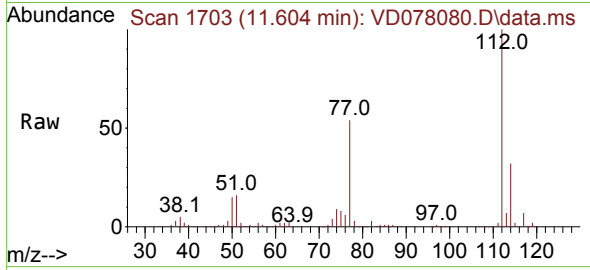




#65
Chlorobenzene
Concen: 96.157 ug/l
RT: 11.604 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

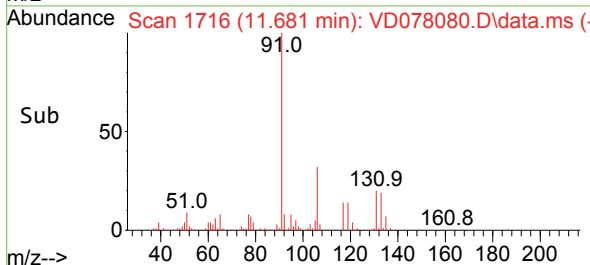
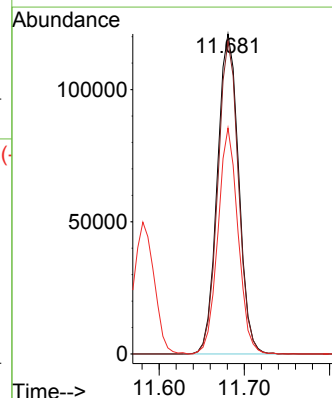
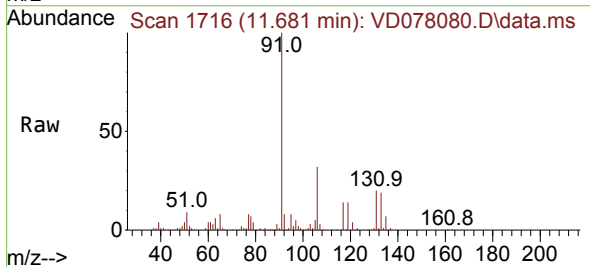
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

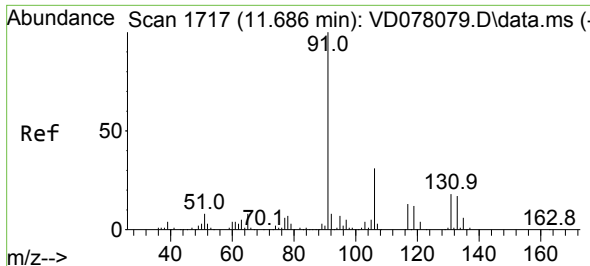
Tgt Ion:112 Resp: 533245
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 100.294 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:131 Resp: 210510
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.5
119 66.7 35.6 106.9

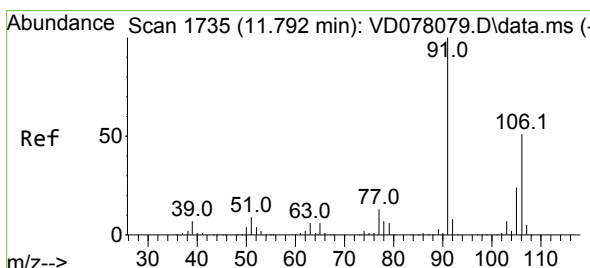
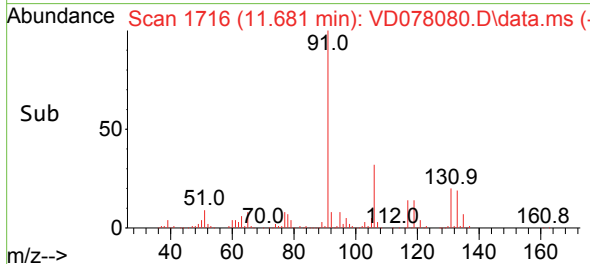
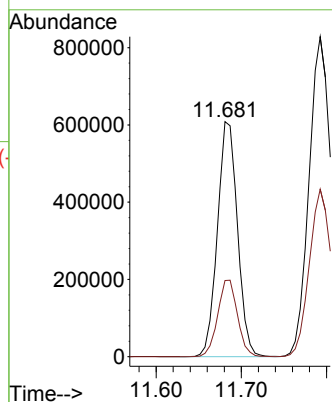
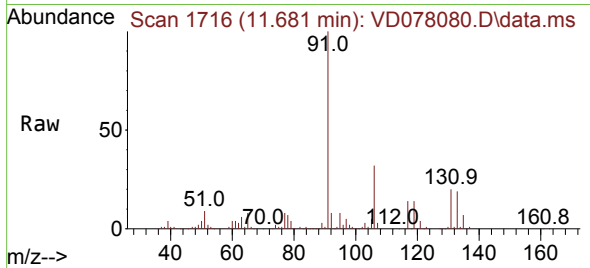




#67
Ethyl Benzene
Concen: 103.041 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

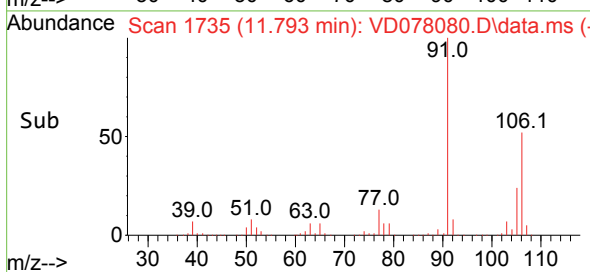
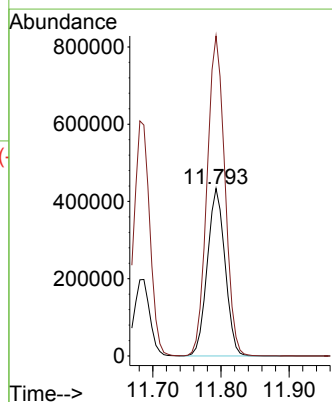
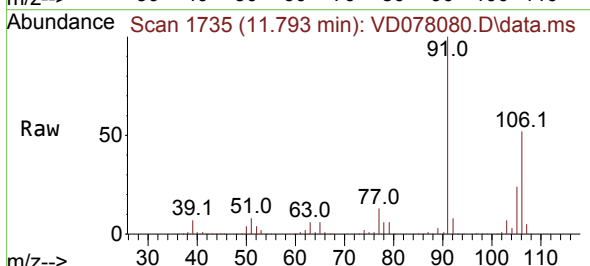
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

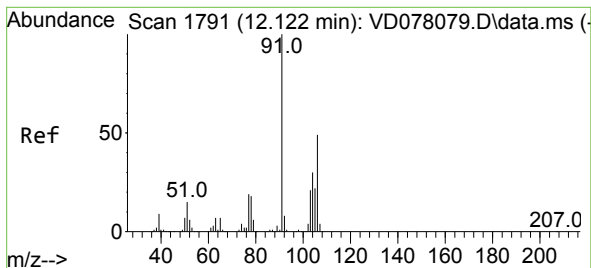
Tgt Ion: 91 Resp: 996189
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7



#68
m/p-Xylenes
Concen: 208.338 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:106 Resp: 783888
Ion Ratio Lower Upper
106 100
91 191.9 147.0 220.6

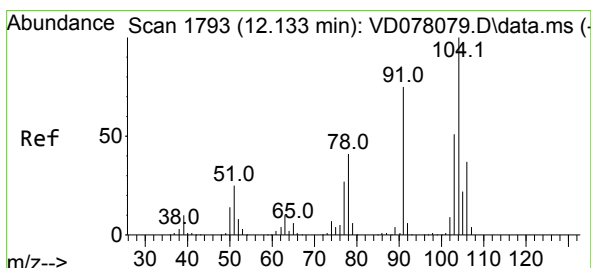
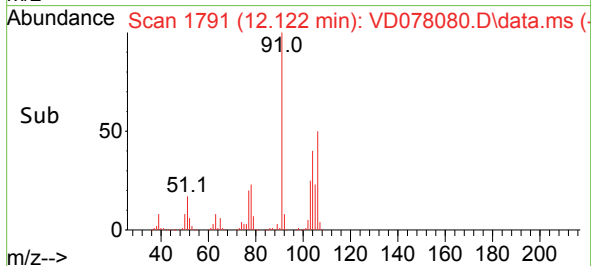
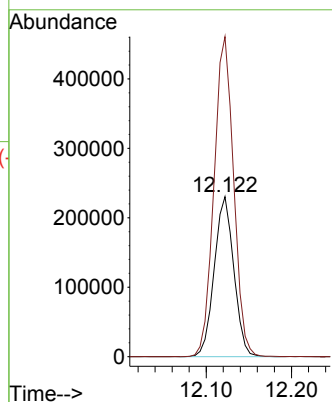
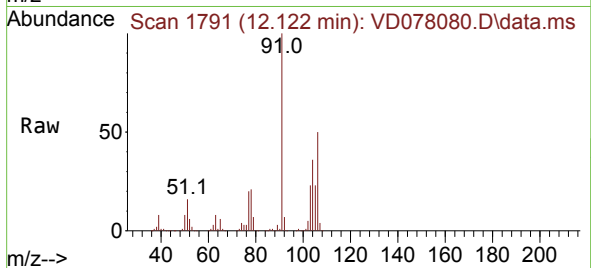




#69
o-Xylene
Concen: 104.755 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

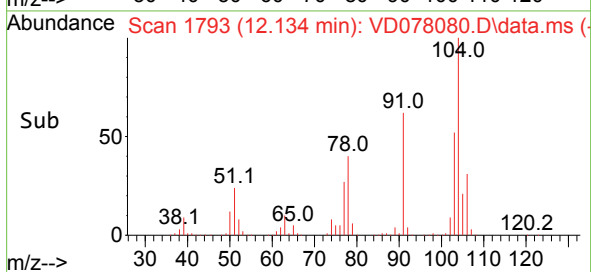
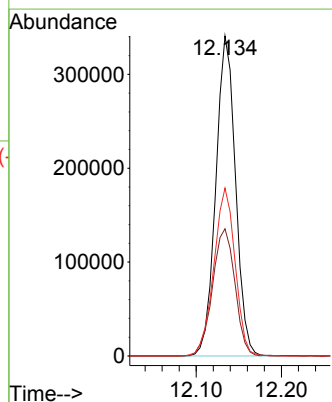
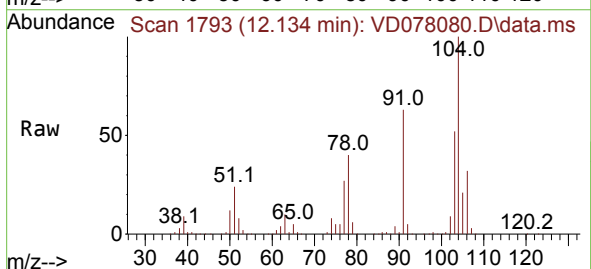
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

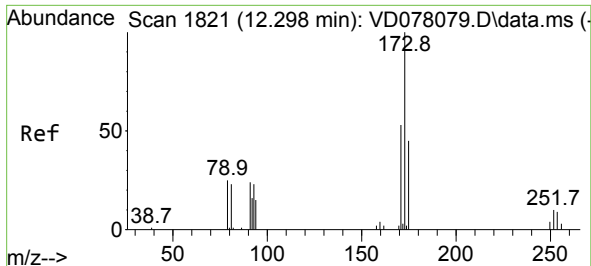
Tgt Ion:106 Resp: 367356
Ion Ratio Lower Upper
106 100
91 201.2 97.9 293.6



#70
Styrene
Concen: 105.933 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:104 Resp: 548483
Ion Ratio Lower Upper
104 100
78 45.3 33.2 49.8
103 56.6 43.6 65.4

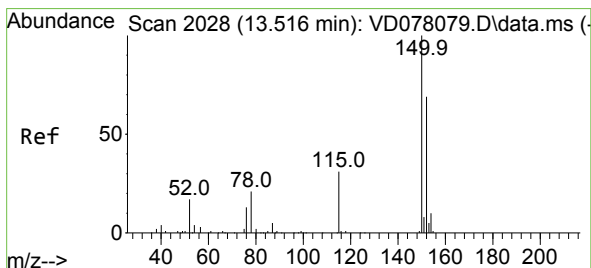
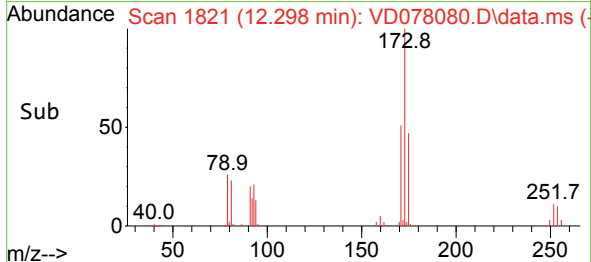
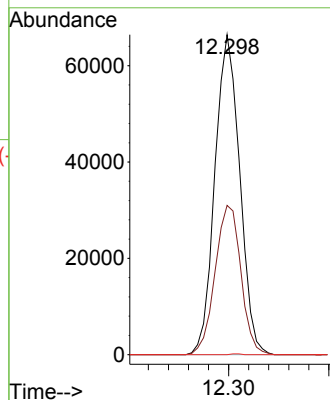
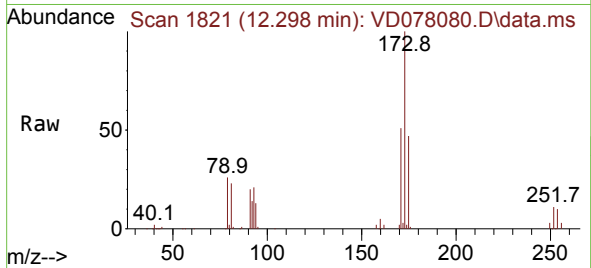




#71
Bromoform
Concen: 98.604 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

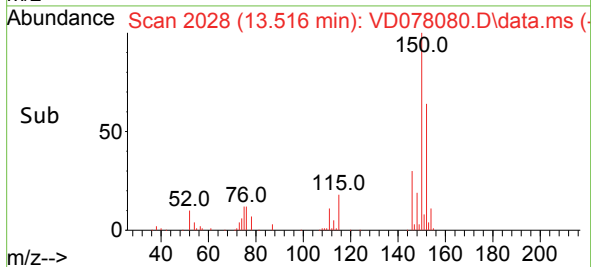
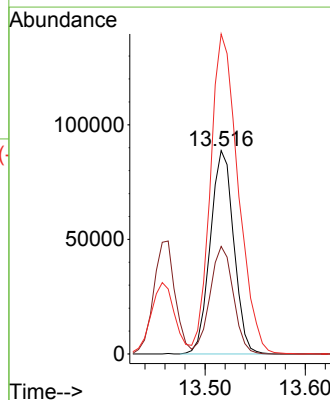
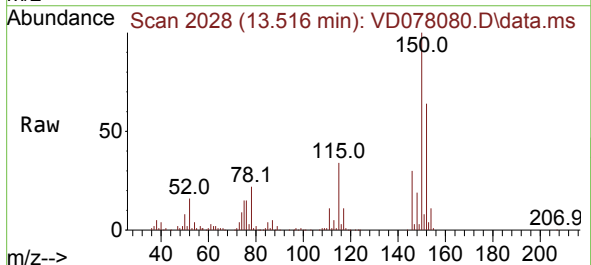
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

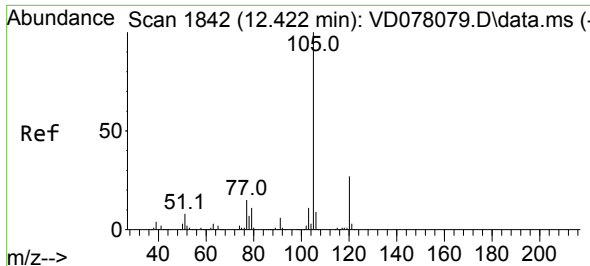
Tgt Ion:173 Resp: 114182
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:152 Resp: 144540
Ion Ratio Lower Upper
152 100
115 52.5 27.1 81.3
150 185.7 0.0 353.6

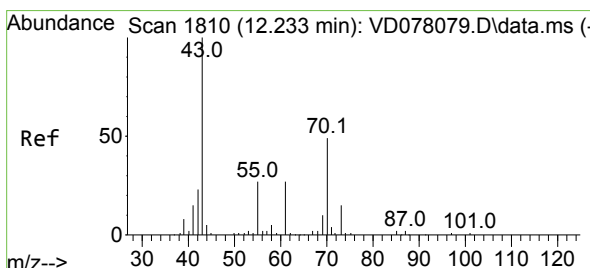
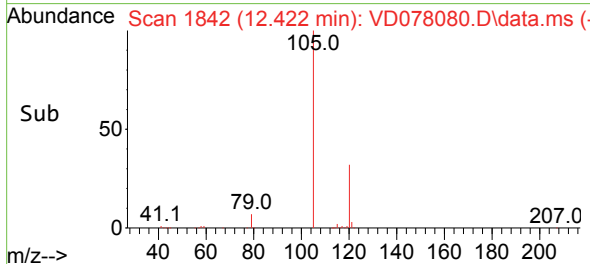
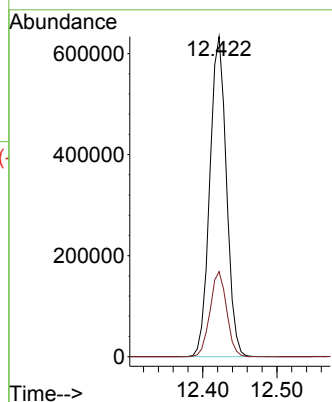
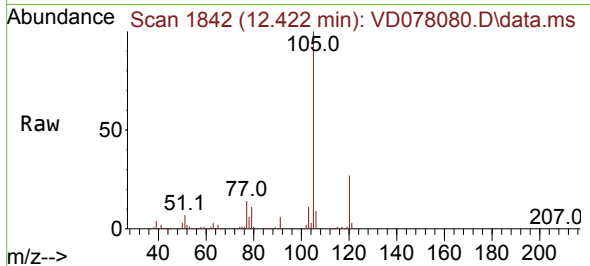




#73
Isopropylbenzene
Concen: 99.006 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

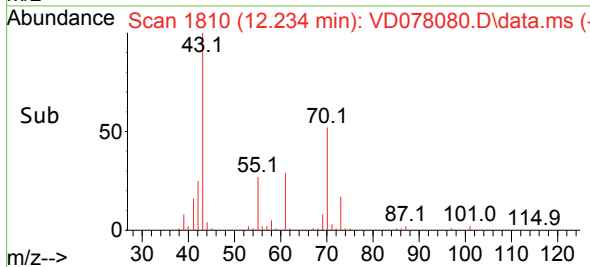
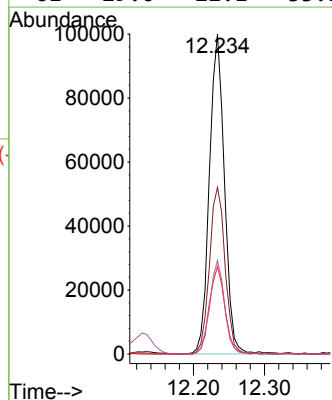
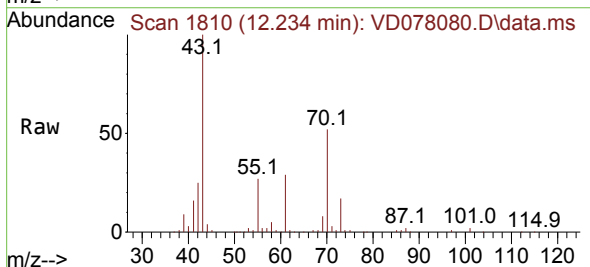
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

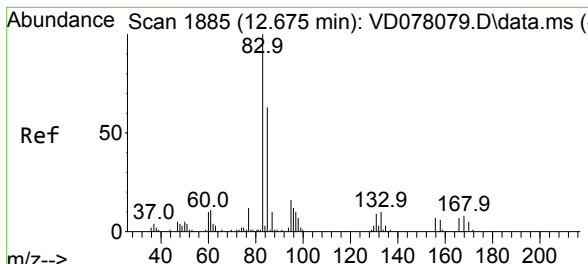
Tgt Ion:105 Resp: 985639
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 89.469 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 43 Resp: 147862
Ion Ratio Lower Upper
43 100
70 53.7 45.0 67.4
55 27.8 23.8 35.6
61 29.0 22.1 33.1

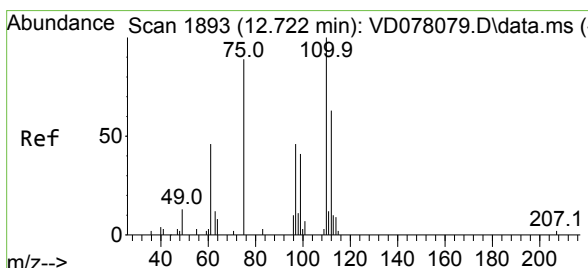
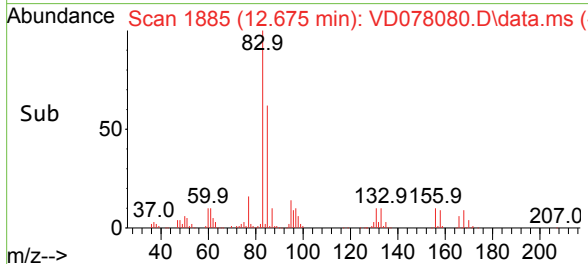
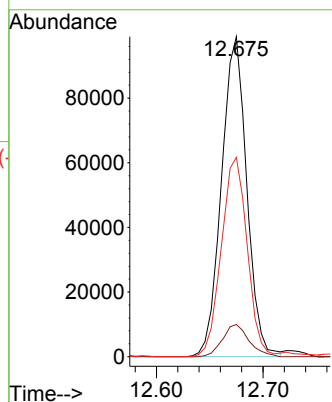
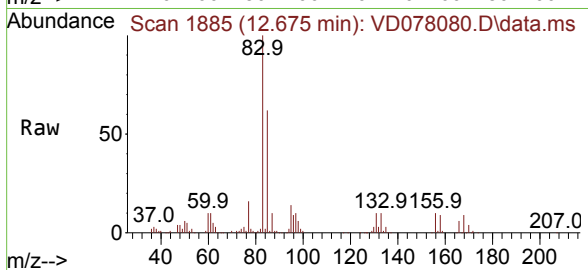




#75
 1,1,2,2-Tetrachloroethane
 Concen: 90.158 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

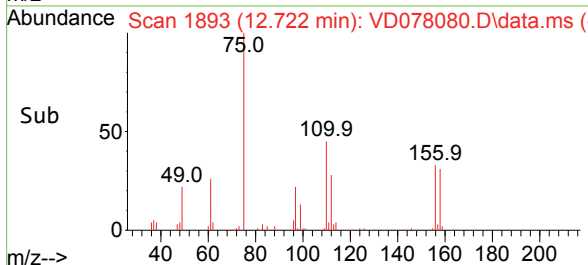
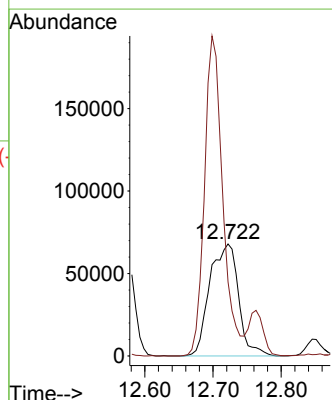
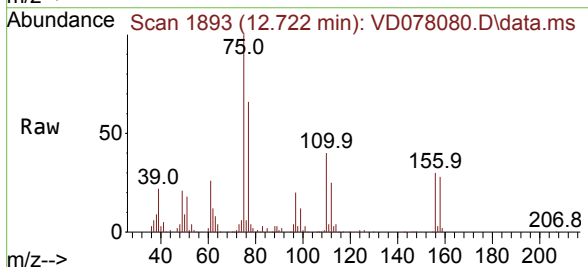
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

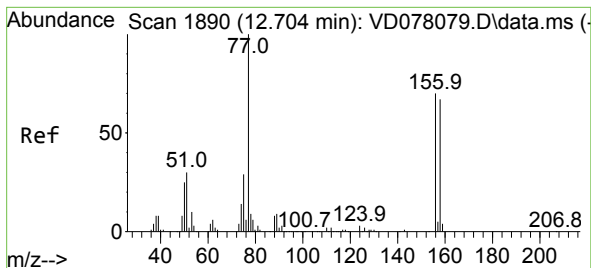
Tgt Ion: 83 Resp: 163125
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 63.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 170.511 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

Tgt Ion: 75 Resp: 199099
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.977 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

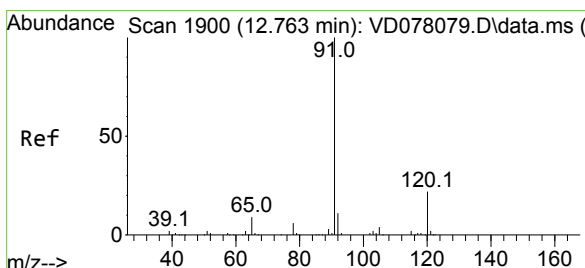
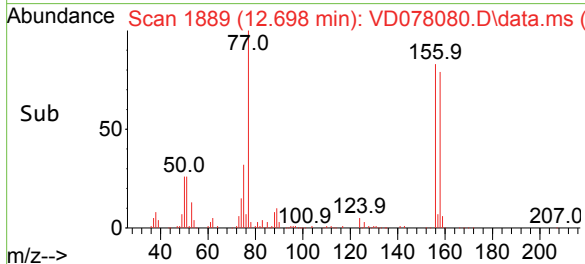
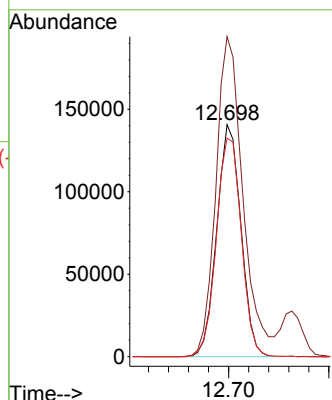
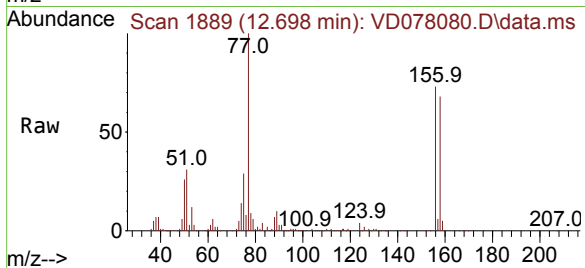
Tgt Ion:156 Resp: 234862

Ion Ratio Lower Upper

156 100

77 154.6 76.8 230.4

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 96.829 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078080.D

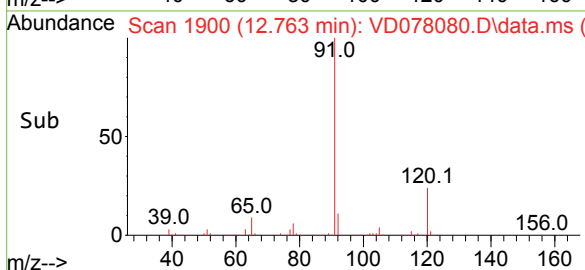
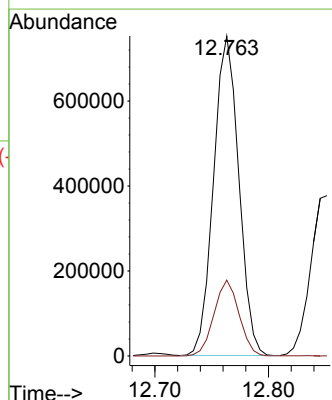
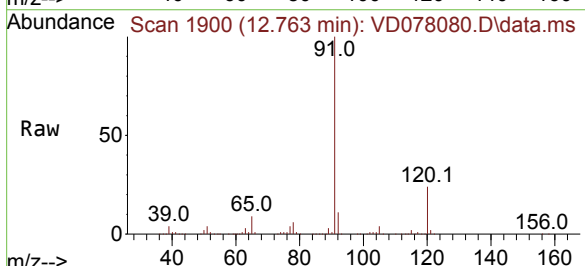
Acq: 26 Dec 2023 13:24

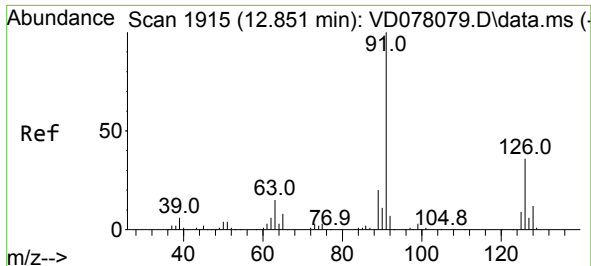
Tgt Ion: 91 Resp: 1160316

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.2

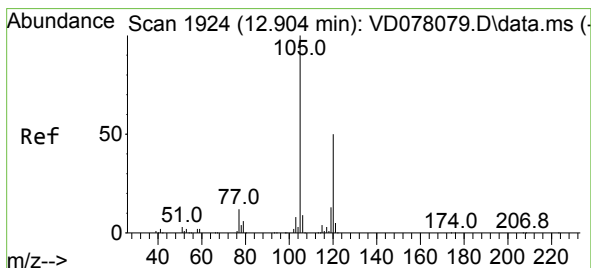
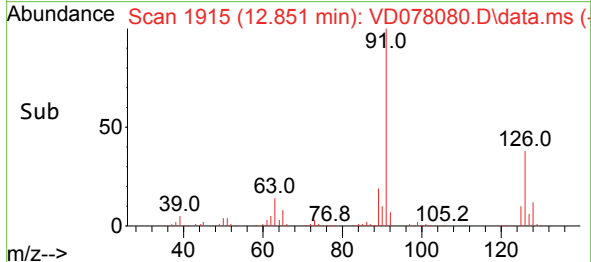
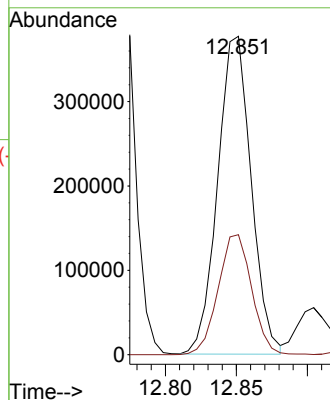
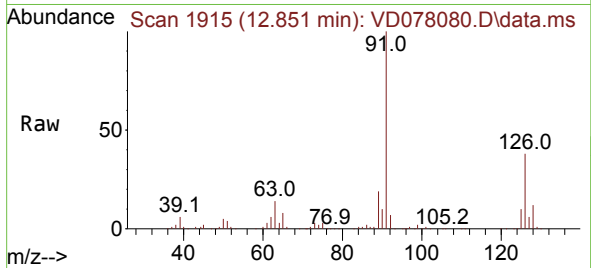




#79
2-Chlorotoluene
Concen: 95.421 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

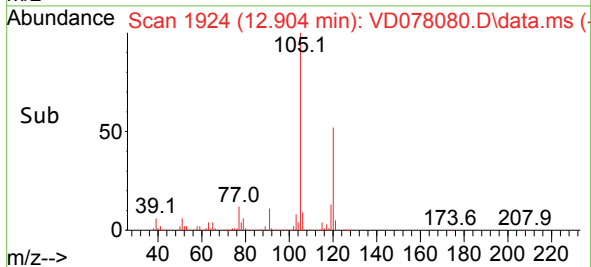
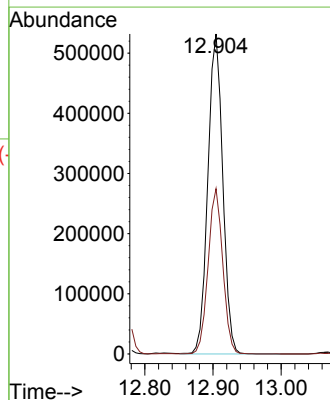
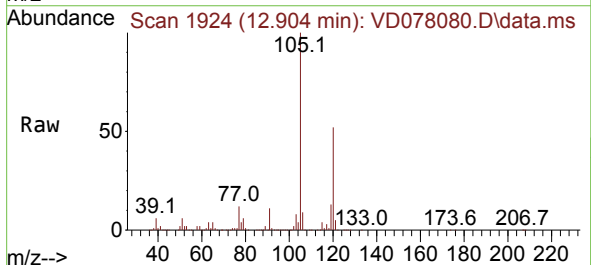
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

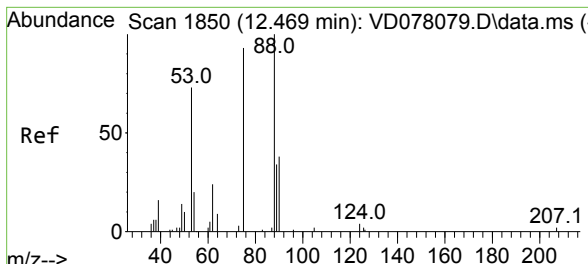
Tgt Ion: 91 Resp: 618475
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 98.217 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion: 105 Resp: 808733
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2

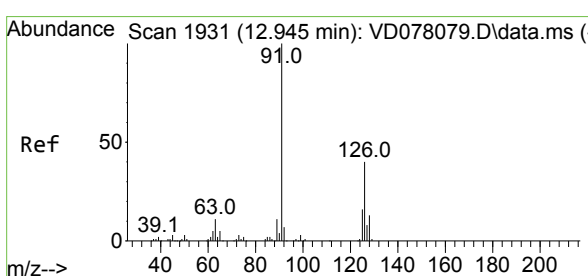
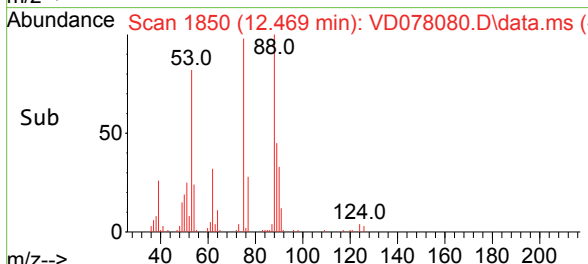
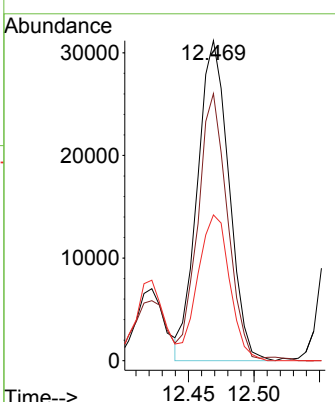
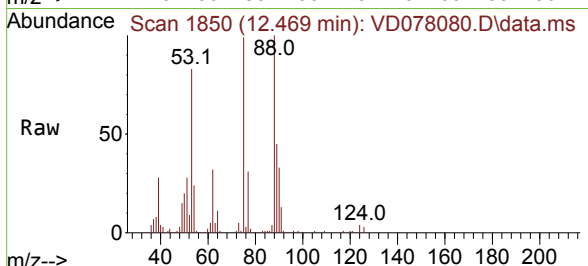




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.903 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

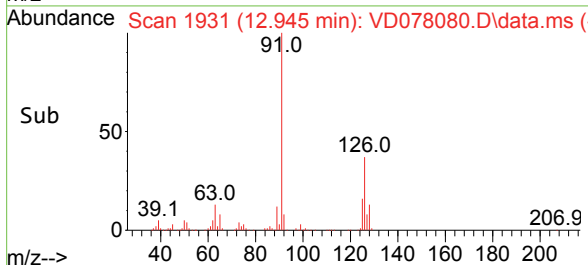
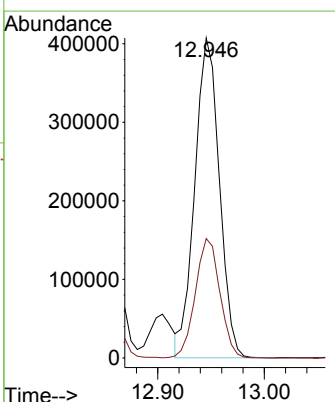
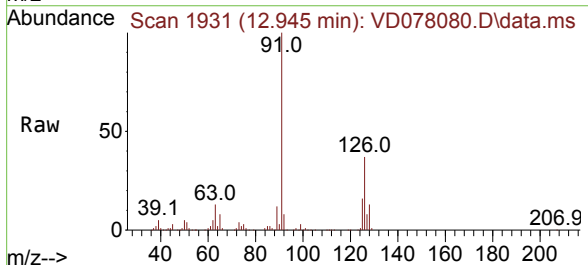
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

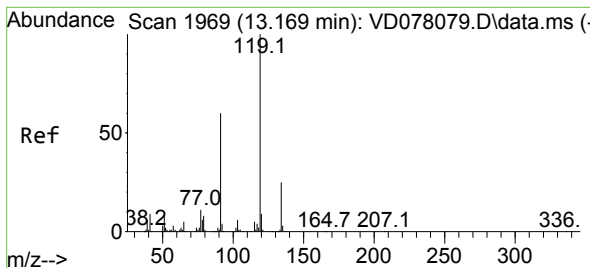
Tgt Ion:	75	Resp:	52010
Ion	Ratio	Lower	Upper
75	100		
53	77.0	63.0	94.4
89	46.5	37.9	56.9



#82
 4-Chlorotoluene
 Concen: 93.833 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

Tgt Ion:	91	Resp:	652059
Ion	Ratio	Lower	Upper
91	100		
126	37.4	19.4	58.4





#83

tert-Butylbenzene

Concen: 100.469 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

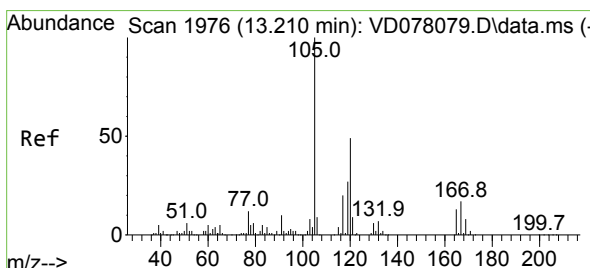
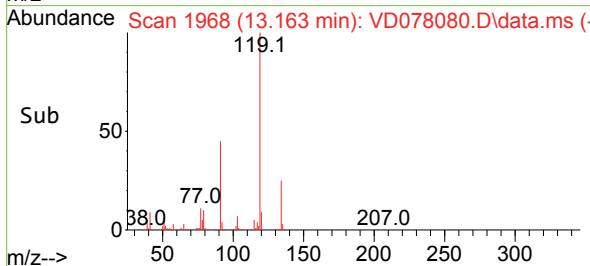
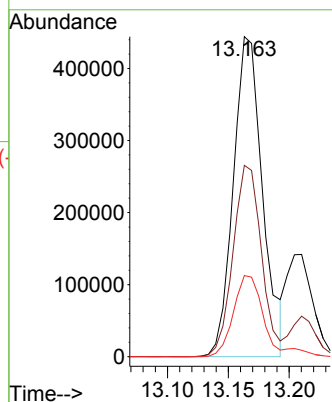
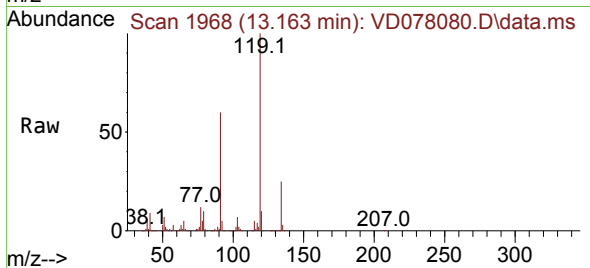
Tgt Ion:119 Resp: 741058

Ion Ratio Lower Upper

119 100

91 58.2 29.3 87.8

134 26.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 99.308 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078080.D

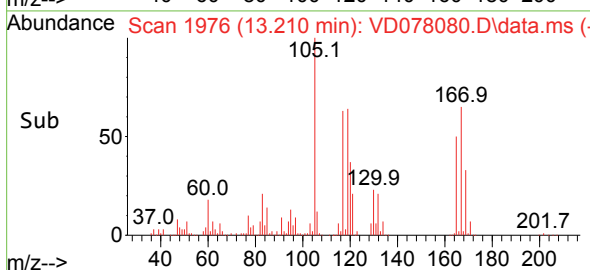
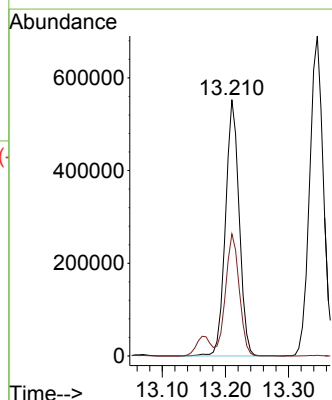
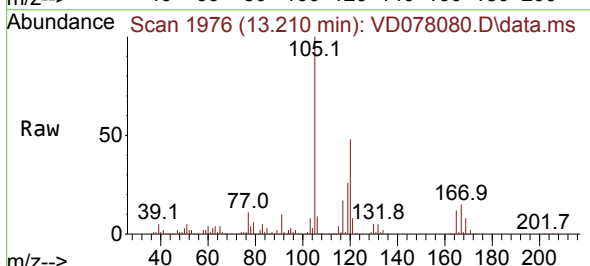
Acq: 26 Dec 2023 13:24

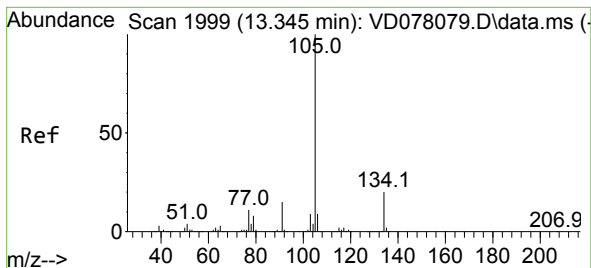
Tgt Ion:105 Resp: 832899

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 98.783 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

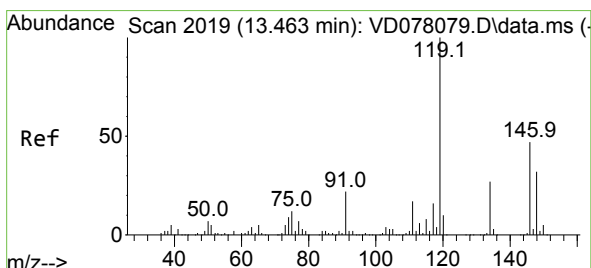
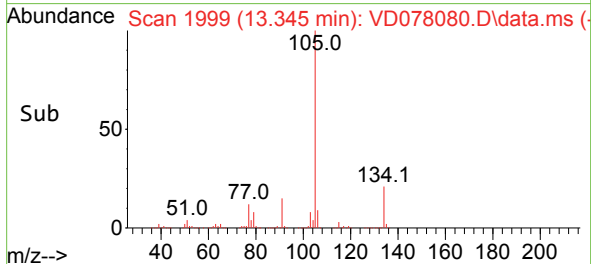
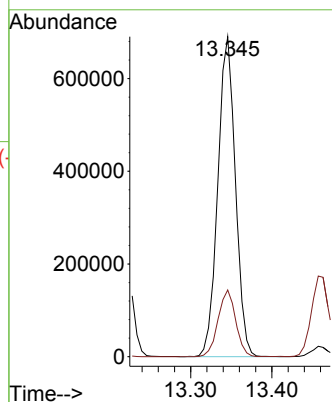
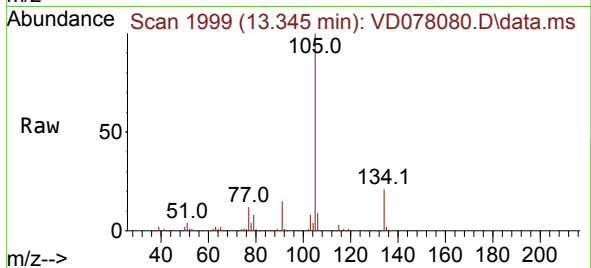
VSTDIC100

Tgt Ion:105 Resp: 1040261

Ion Ratio Lower Upper

105 100

134 20.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 102.467 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

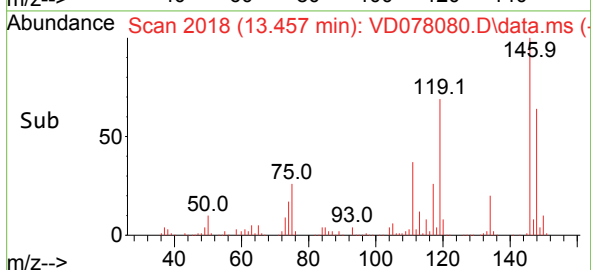
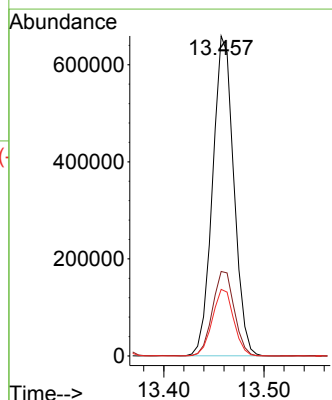
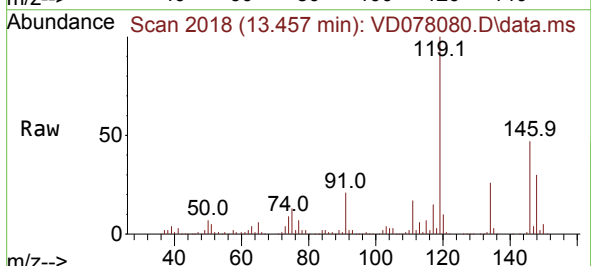
Tgt Ion:119 Resp: 965665

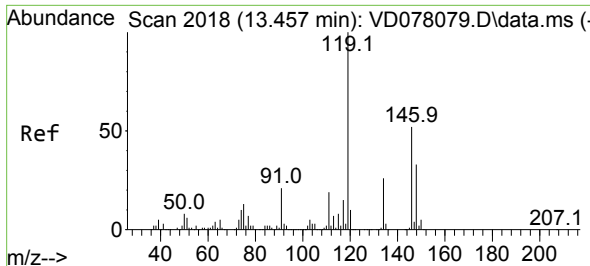
Ion Ratio Lower Upper

119 100

134 27.2 14.2 42.6

91 21.1 10.5 31.5

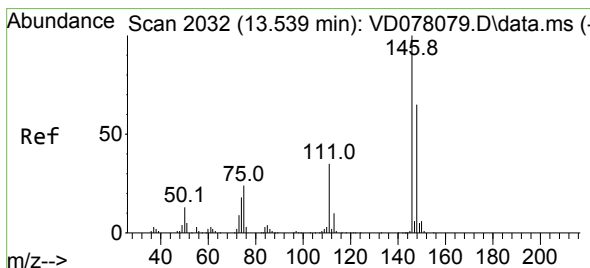
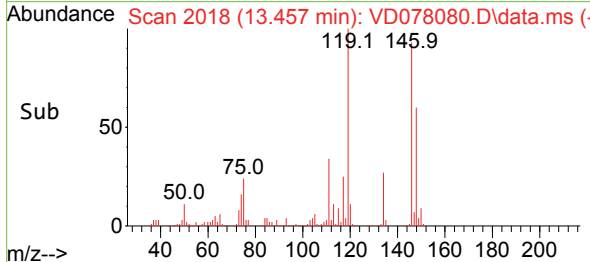
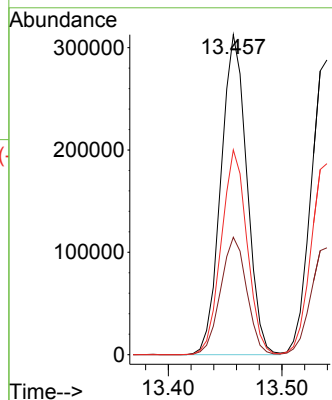
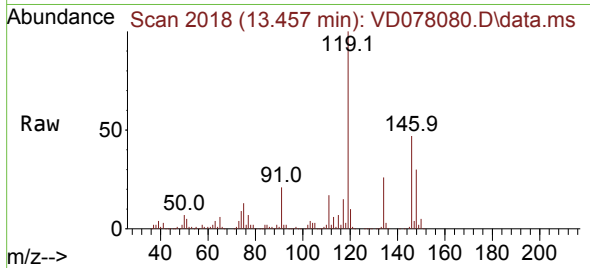




#87
1,3-Dichlorobenzene
Concen: 99.011 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

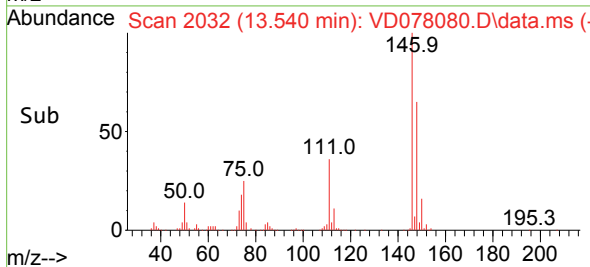
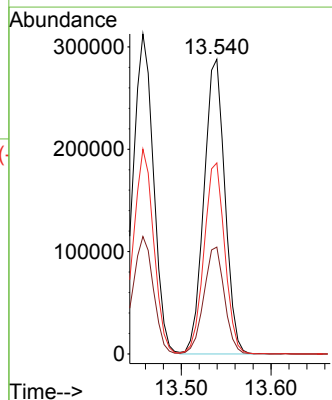
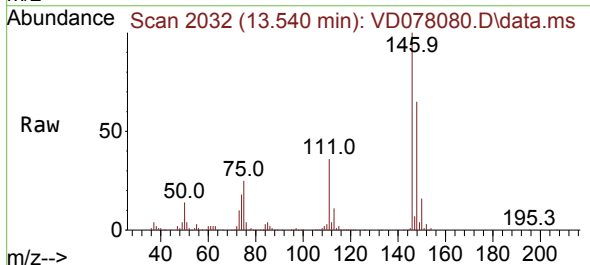
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

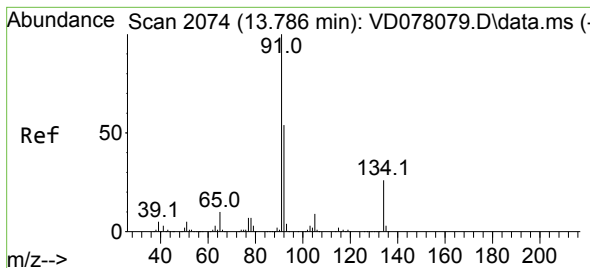
Tgt Ion:146 Resp: 496123
Ion Ratio Lower Upper
146 100
111 37.0 17.9 53.8
148 63.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 94.598 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078080.D
Acq: 26 Dec 2023 13:24

Tgt Ion:146 Resp: 464894
Ion Ratio Lower Upper
146 100
111 35.8 17.4 52.3
148 64.5 31.7 95.1





#89

n-Butylbenzene

Concen: 97.842 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

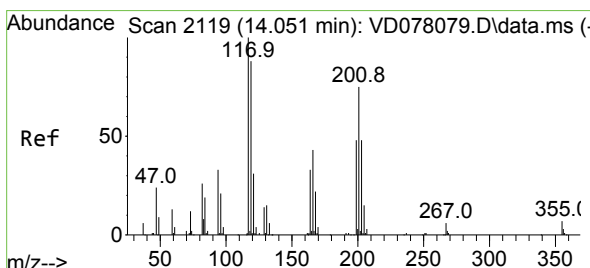
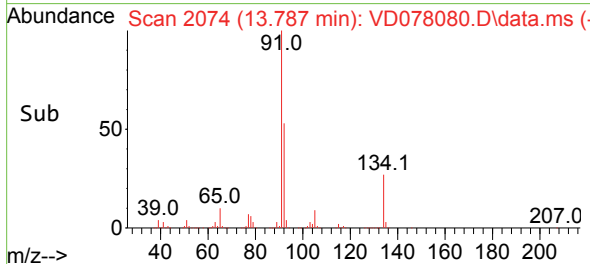
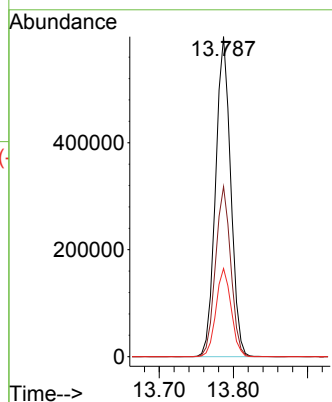
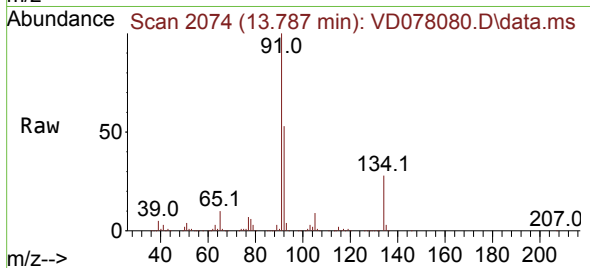
Tgt Ion: 91 Resp: 846362

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.5

134 27.6 13.8 41.3



#90

Hexachloroethane

Concen: 94.924 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078080.D

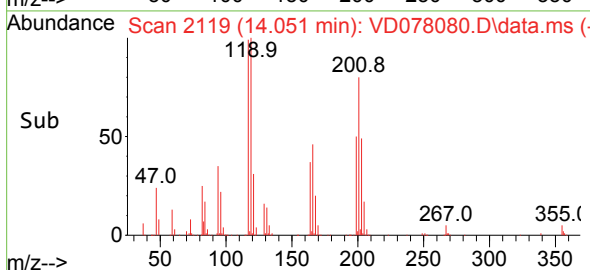
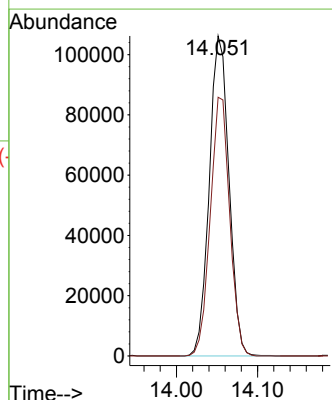
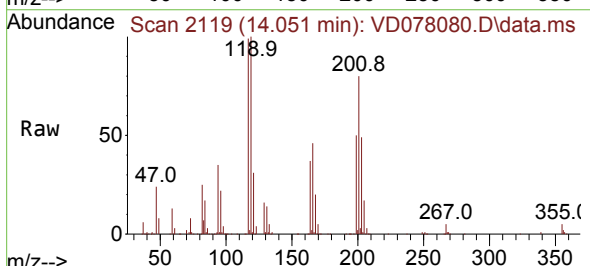
Acq: 26 Dec 2023 13:24

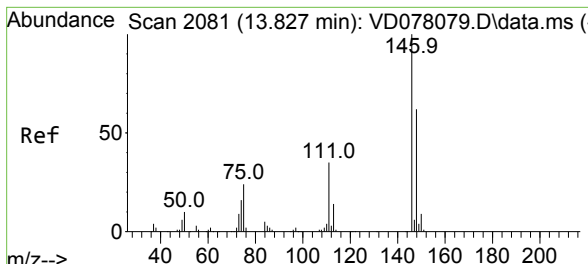
Tgt Ion: 117 Resp: 178843

Ion Ratio Lower Upper

117 100

201 79.7 38.5 115.5

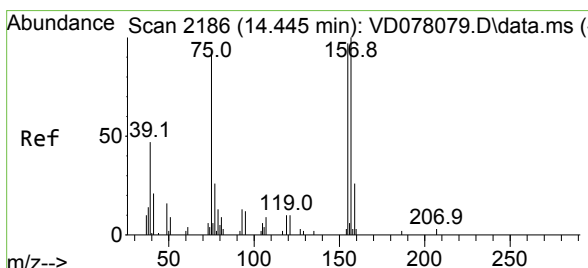
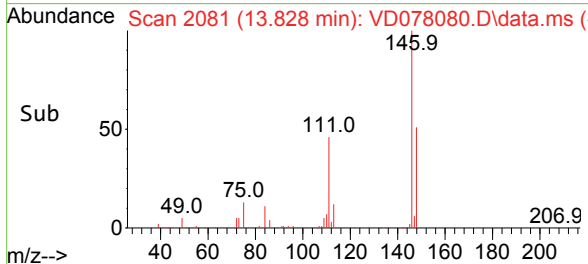
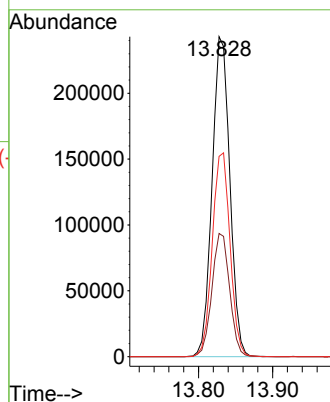
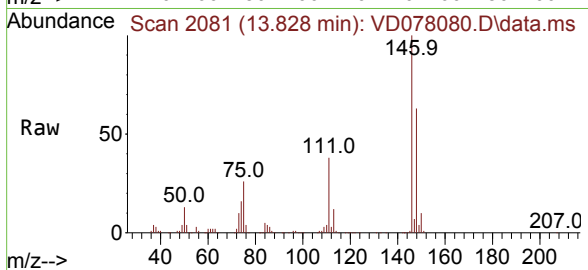




#91
 1,2-Dichlorobenzene
 Concen: 93.823 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

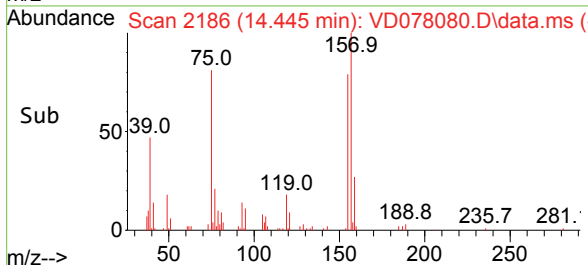
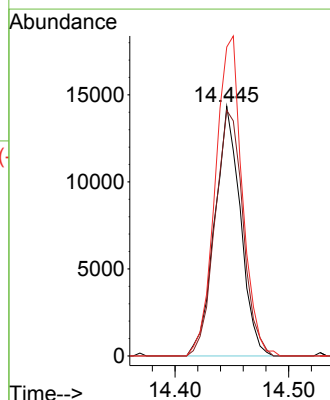
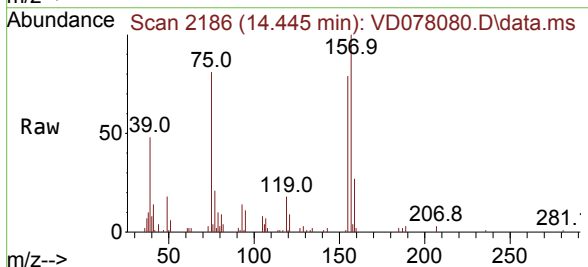
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

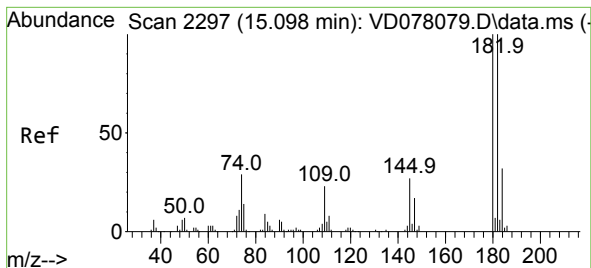
Tgt Ion:	146	Resp:	403749
Ion Ratio	Lower	Upper	
146	100		
111	38.5	18.3	54.8
148	63.9	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 89.109 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD078080.D
 Acq: 26 Dec 2023 13:24

Tgt Ion:	75	Resp:	22581
Ion Ratio	Lower	Upper	
75	100		
155	106.4	47.9	143.8
157	133.9	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 95.666 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

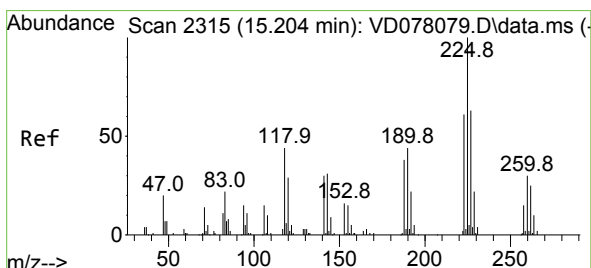
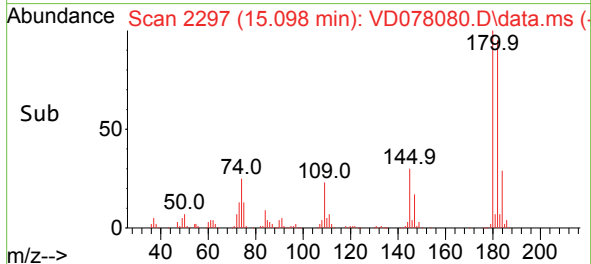
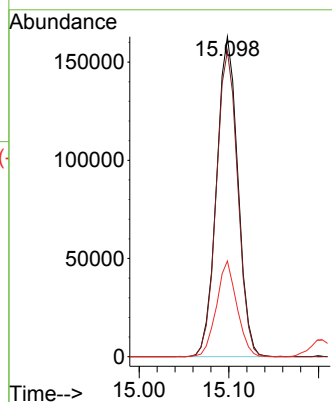
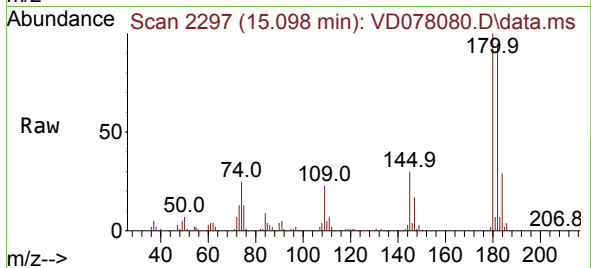
Tgt Ion:180 Resp: 268780

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.6

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 97.686 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

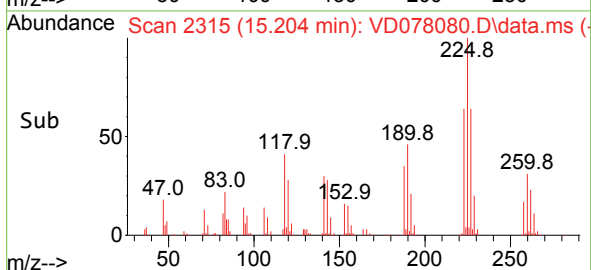
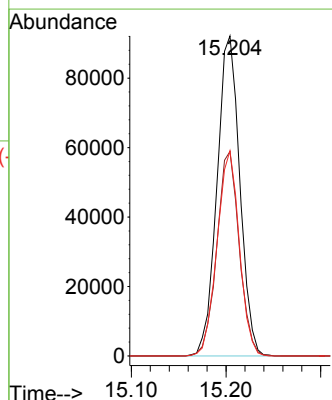
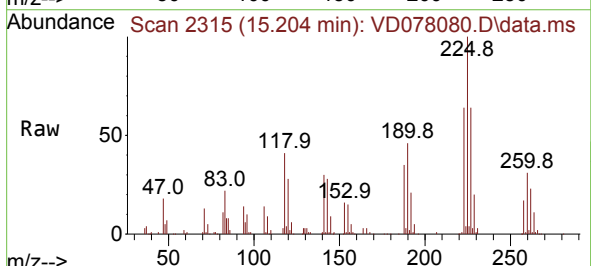
Tgt Ion:225 Resp: 154199

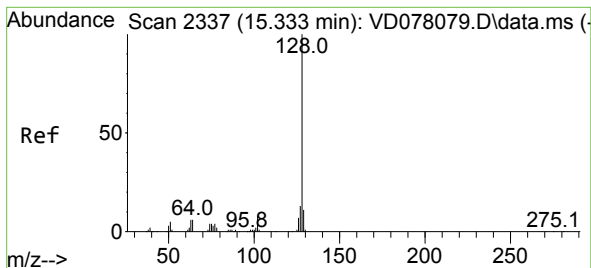
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 62.4 31.7 95.1





#95

Naphthalene

Concen: 98.412 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

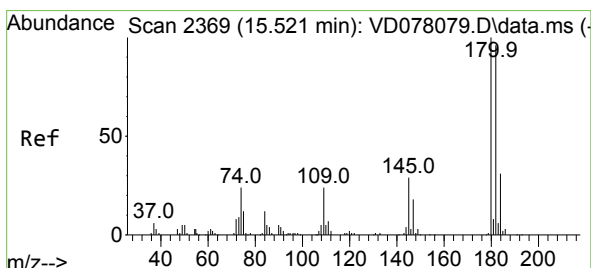
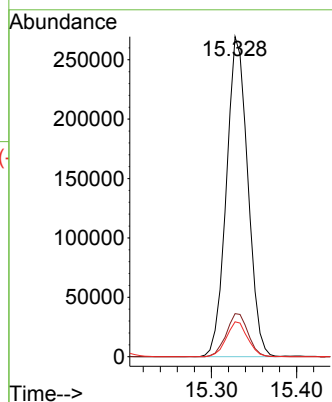
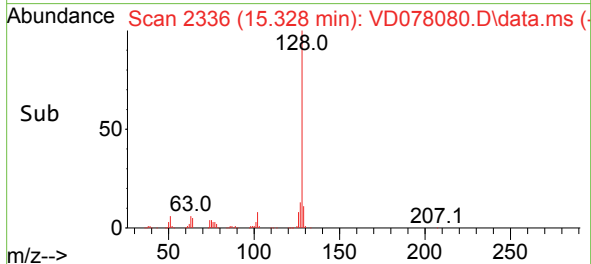
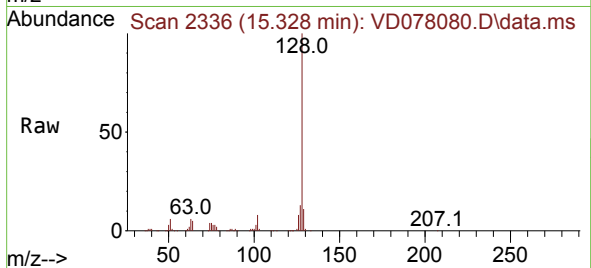
Tgt Ion:128 Resp: 470706

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 98.168 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078080.D

Acq: 26 Dec 2023 13:24

Tgt Ion:180 Resp: 234023

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 30.0 15.1 45.3

