

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078552.D
 Acq On : 26 Feb 2024 17:09
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 27 03:27:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	224426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	214922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68519	47.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.520%
35) Dibromofluoromethane	7.805	113	77362	54.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.540%
50) Toluene-d8	10.269	98	289552	50.774	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.575	95	90008	54.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	57235	43.782	ug/l	98
3) Chloromethane	2.158	50	111783	46.529	ug/l	97
4) Vinyl Chloride	2.287	62	166695	45.471	ug/l	99
5) Bromomethane	2.687	94	104828	41.427	ug/l	99
6) Chloroethane	2.834	64	127339	47.635	ug/l	99
7) Trichlorofluoromethane	3.170	101	109757	44.383	ug/l	100
8) Diethyl Ether	3.599	74	35153	49.352	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	65924	42.257	ug/l	98
10) Methyl Iodide	4.164	142	63281	45.288	ug/l	90
11) Tert butyl alcohol	5.069	59	18169	233.299	ug/l	98
12) 1,1-Dichloroethene	3.940	96	62844	43.449	ug/l	92
13) Acrolein	3.805	56	13669	103.138	ug/l	96
14) Allyl chloride	4.558	41	76826	42.996	ug/l	92
15) Acrylonitrile	5.252	53	71919	235.860	ug/l	99
16) Acetone	4.022	43	62185	221.700	ug/l	94
17) Carbon Disulfide	4.269	76	182100	37.416	ug/l	96
18) Methyl Acetate	4.569	43	62244	58.926	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	154615	50.314	ug/l	98
20) Methylene Chloride	4.799	84	95622	59.423	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	79340	46.629	ug/l	93
22) Diisopropyl ether	6.216	45	184635	46.882	ug/l	99
23) Vinyl Acetate	6.152	43	350002	214.872	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	128724	46.140	ug/l	99
25) 2-Butanone	7.081	43	87792	240.972	ug/l	90
26) 2,2-Dichloropropane	7.075	77	106603	45.581	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	89252	47.809	ug/l	96
28) Bromochloromethane	7.428	49	52466	47.480	ug/l	90
29) Tetrahydrofuran	7.446	42	51218	240.070	ug/l	94
30) Chloroform	7.599	83	141100	47.801	ug/l	97
31) Cyclohexane	7.875	56	92073	37.941	ug/l	94
32) 1,1,1-Trichloroethane	7.787	97	116497	46.290	ug/l	98
36) 1,1-Dichloropropene	8.005	75	100411	45.340	ug/l	97
37) Ethyl Acetate	7.169	43	36022	46.400	ug/l	95
38) Carbon Tetrachloride	7.993	117	101843	46.436	ug/l	97
39) Methylcyclohexane	9.275	83	112921	42.950	ug/l	95
40) Benzene	8.252	78	313931	49.042	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	19926	49.318	ug/l	96
42) 1,2-Dichloroethane	8.328	62	80659	48.698	ug/l	98
43) Isopropyl Acetate	8.363	43	71087	49.450	ug/l #	80
44) Trichloroethene	9.028	130	82374	50.441	ug/l	99
45) 1,2-Dichloropropane	9.304	63	77311	49.225	ug/l	96
46) Dibromomethane	9.393	93	44273	50.116	ug/l	94
47) Bromodichloromethane	9.581	83	111383	50.905	ug/l	97
48) Methyl methacrylate	9.381	41	36966	48.468	ug/l #	90
49) 1,4-Dioxane	9.381	88	10224	1068.685	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	186444	244.360	ug/l	96
52) Toluene	10.334	92	203373	50.240	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	100141	50.158	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	122112	50.439	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	63415	53.305	ug/l	96
56) Ethyl methacrylate	10.599	69	50501	45.898	ug/l	91
57) 1,3-Dichloropropane	10.881	76	101872	50.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	153155	236.311	ug/l	99
59) 2-Hexanone	10.922	43	137608	239.988	ug/l	94
60) Dibromochloromethane	11.075	129	76563	53.489	ug/l	96
61) 1,2-Dibromoethane	11.175	107	60241	53.937	ug/l	100
64) Tetrachloroethene	10.810	164	65373	48.157	ug/l	96
65) Chlorobenzene	11.604	112	218460	50.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	83651	52.681	ug/l	96
67) Ethyl Benzene	11.681	91	383335	49.515	ug/l	95
68) m/p-Xylenes	11.793	106	303921	100.643	ug/l	93
69) o-Xylene	12.122	106	142034	51.541	ug/l	97
70) Styrene	12.134	104	218802	48.649	ug/l	97
71) Bromoform	12.298	173	46137	55.204	ug/l #	98
73) Isopropylbenzene	12.422	105	365369	46.893	ug/l	97
74) N-amyl acetate	12.234	43	64171	43.534	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	72234	46.736	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	85635	86.931	ug/l #	100
77) Bromobenzene	12.698	156	92235	50.371	ug/l	93
78) n-propylbenzene	12.763	91	451442	46.494	ug/l	97
79) 2-Chlorotoluene	12.851	91	241256	46.390	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	310391	47.975	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	21927	46.210	ug/l	96
82) 4-Chlorotoluene	12.945	91	260347	46.612	ug/l	97
83) tert-Butylbenzene	13.163	119	269339	49.362	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	315371	48.029	ug/l	99
85) sec-Butylbenzene	13.345	105	387756	45.823	ug/l	96
86) p-Isopropyltoluene	13.457	119	350490	48.629	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	190040	48.626	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	186192	48.487	ug/l	99
89) n-Butylbenzene	13.787	91	319400	45.977	ug/l	98
90) Hexachloroethane	14.051	117	69132	46.668	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	166942	50.868	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10181	50.307	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	100602	52.159	ug/l	97
94) Hexachlorobutadiene	15.204	225	50937	50.596	ug/l	98
95) Naphthalene	15.334	128	195562	54.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	90341	55.268	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

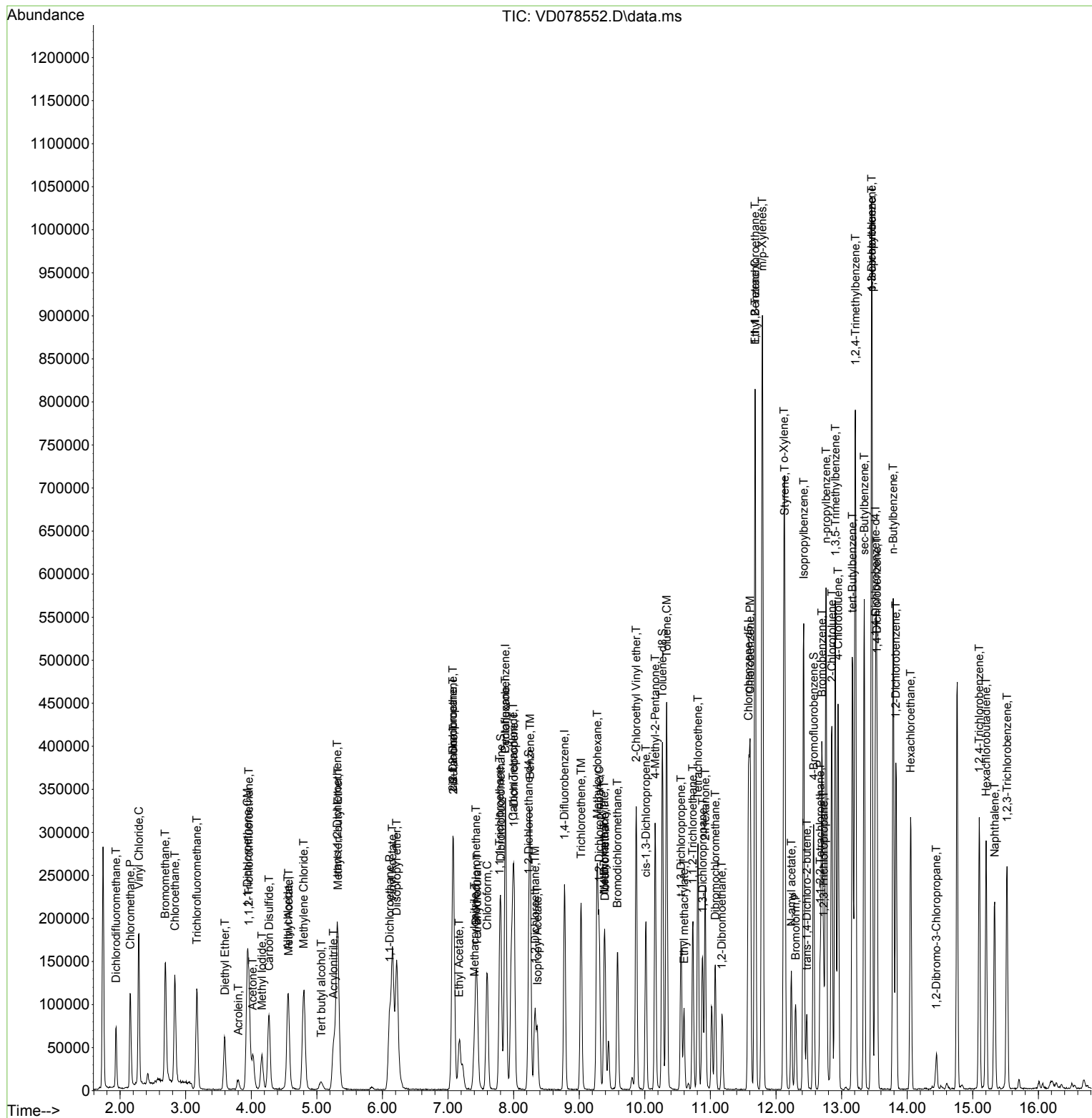
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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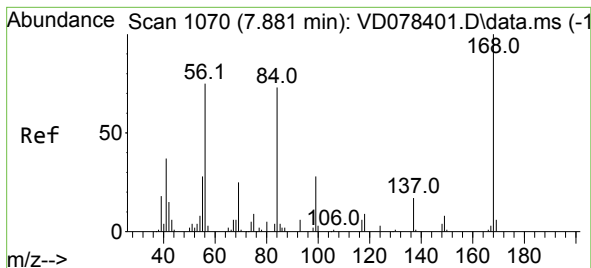
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078552.D

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Instrument :

MSVOA_D

ClientSampleId :

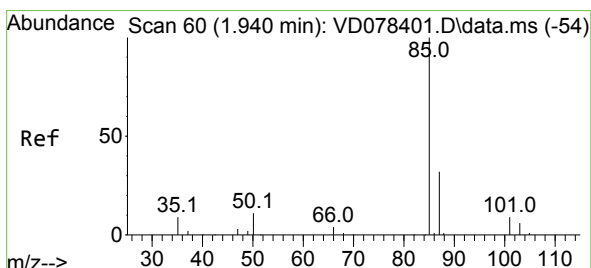
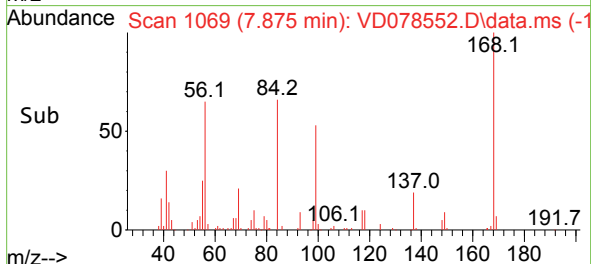
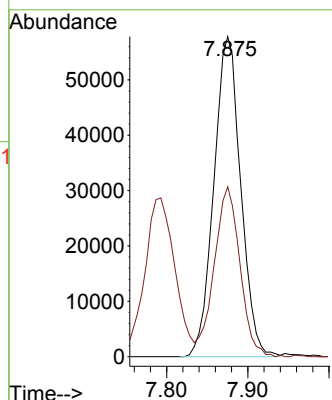
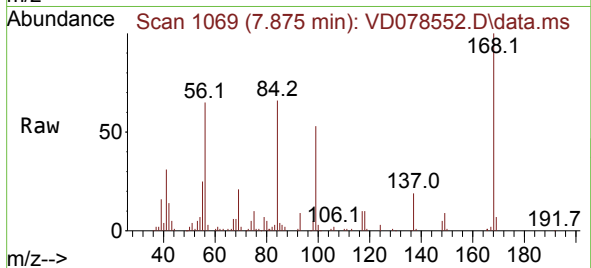
VSTDCCC050EC

Tgt Ion:168 Resp: 132679

Ion Ratio Lower Upper

168 100

99 52.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 43.782 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.000 min

Lab File: VD078552.D

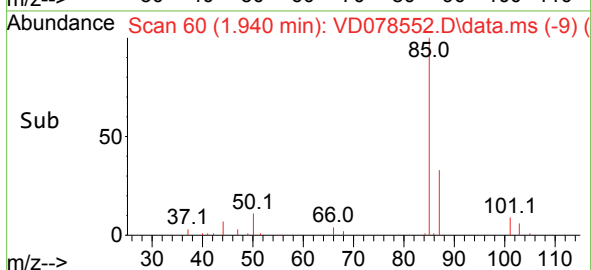
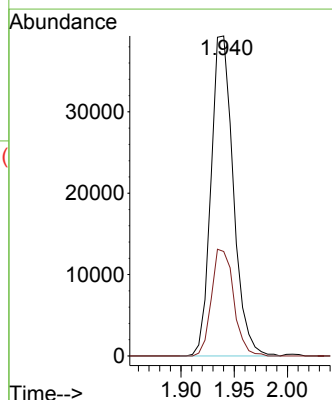
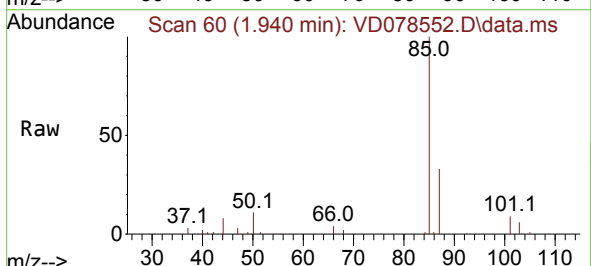
Acq: 26 Feb 2024 17:09

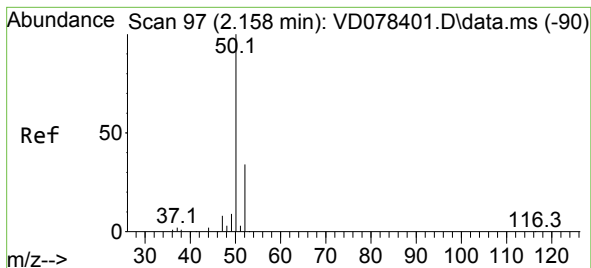
Tgt Ion: 85 Resp: 57235

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.0





#3

Chloromethane

Concen: 46.529 ug/l

RT: 2.158 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

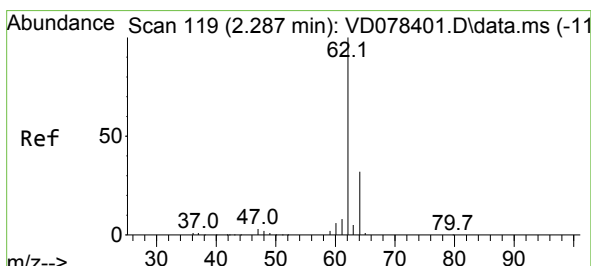
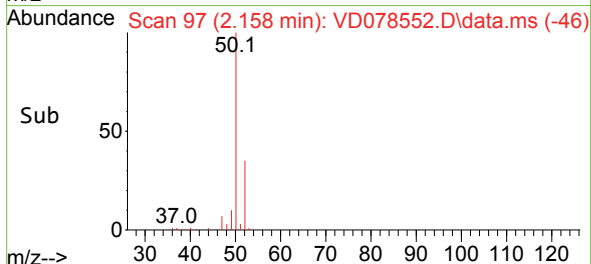
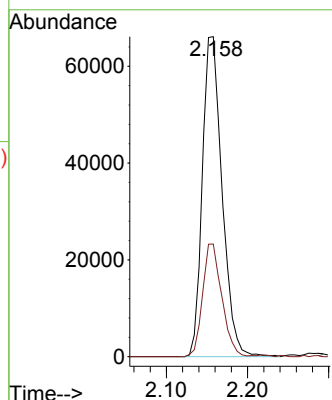
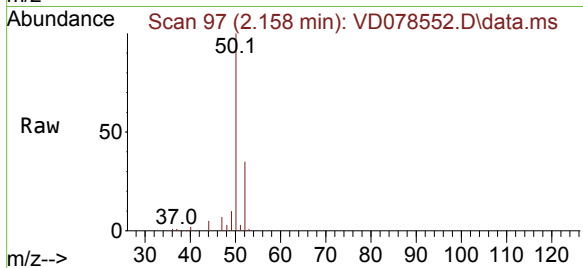
VSTDCCC050EC

Tgt Ion: 50 Resp: 111783

Ion Ratio Lower Upper

50 100

52 35.2 26.6 40.0



#4

Vinyl Chloride

Concen: 45.471 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078552.D

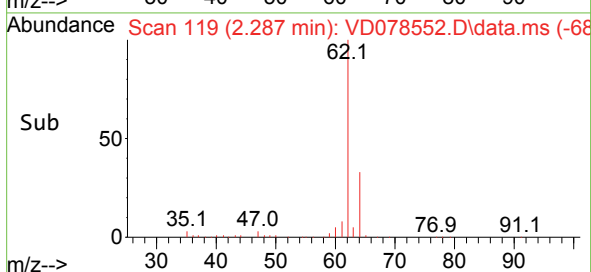
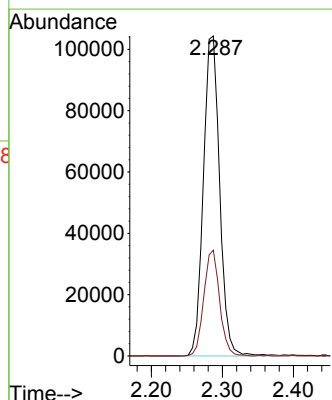
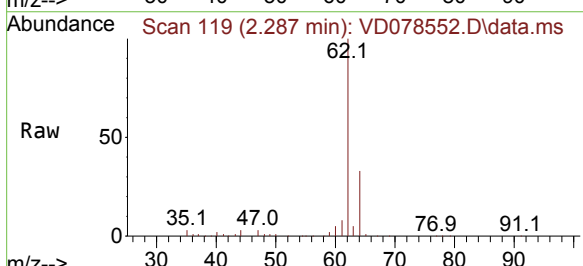
Acq: 26 Feb 2024 17:09

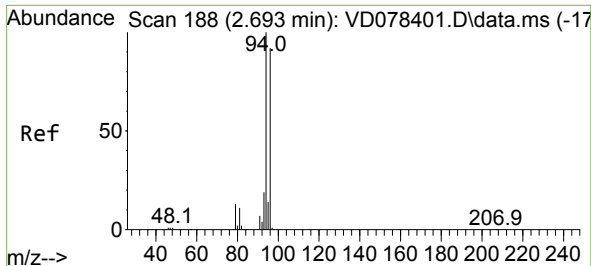
Tgt Ion: 62 Resp: 166695

Ion Ratio Lower Upper

62 100

64 33.1 26.0 39.0

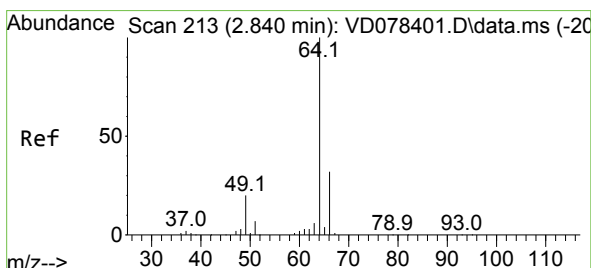
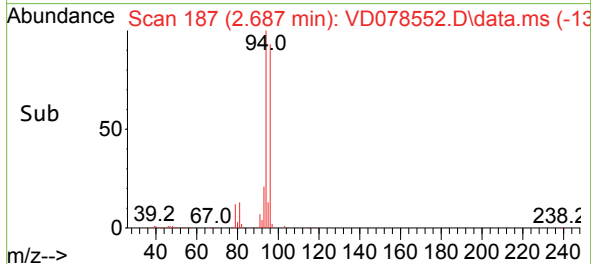
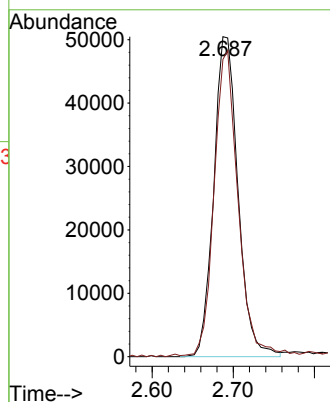
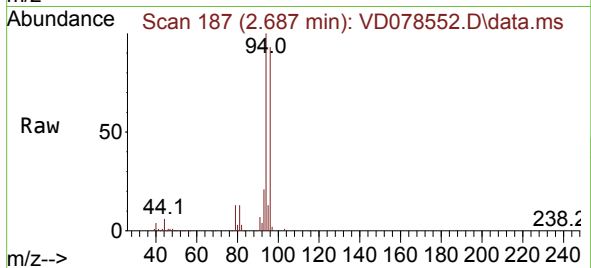




#5
Bromomethane
Concen: 41.427 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078552.D
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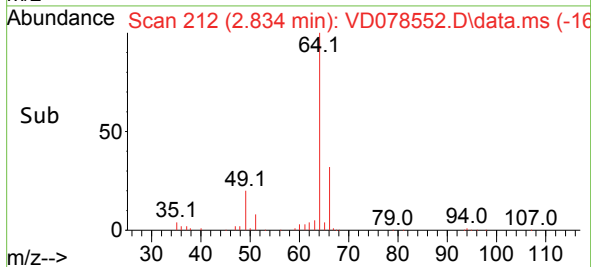
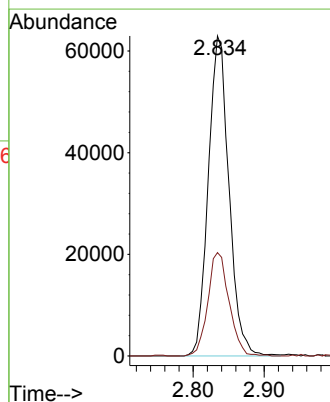
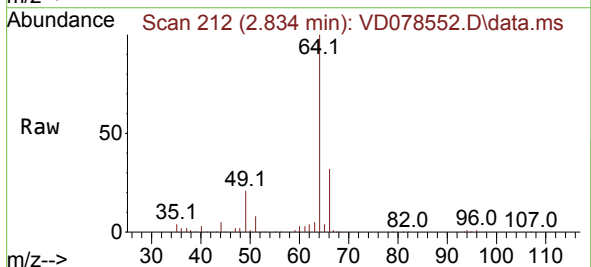
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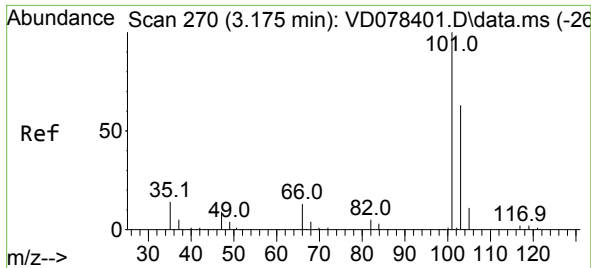
Tgt Ion: 94 Resp: 104828
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.8



#6
Chloroethane
Concen: 47.635 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 64 Resp: 127339
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3

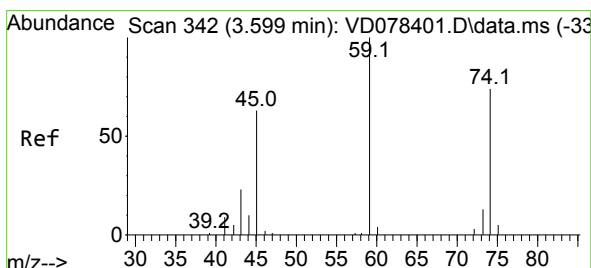
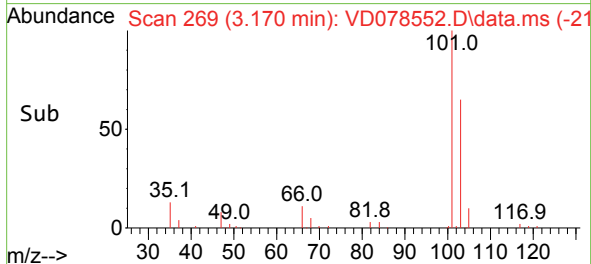
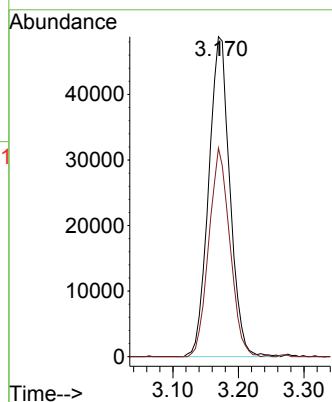
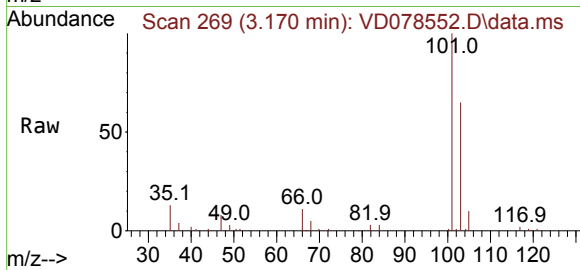




#7
 Trichlorofluoromethane
 Concen: 44.383 ug/l
 RT: 3.170 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD078552.D
 Acq: 26 Feb 2024 17:09

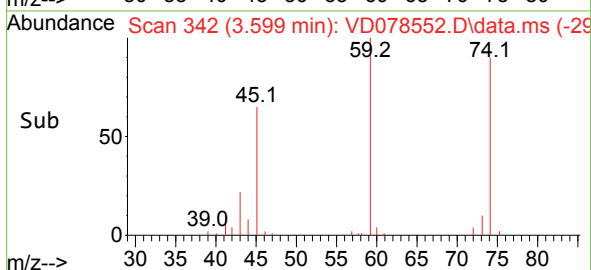
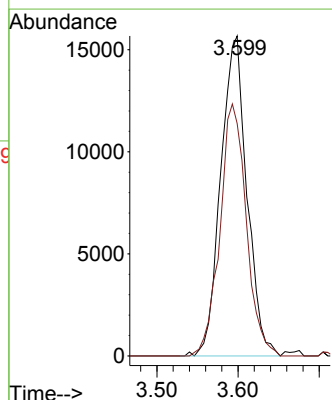
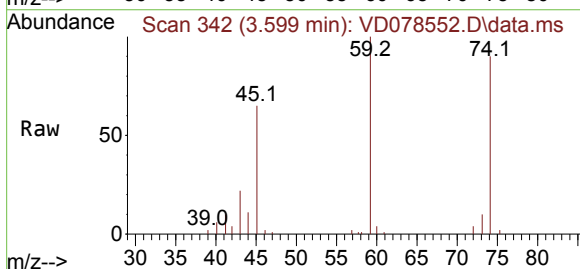
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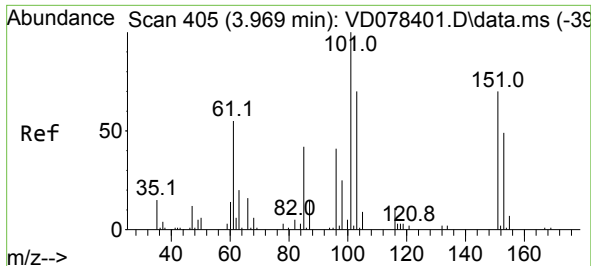
Tgt Ion:101 Resp: 109757
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 49.352 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 35153
 Ion Ratio Lower Upper
 74 100
 45 79.2 37.5 112.7

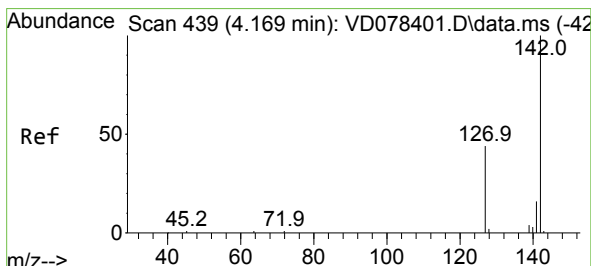
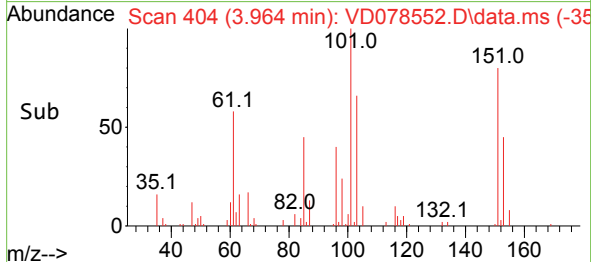
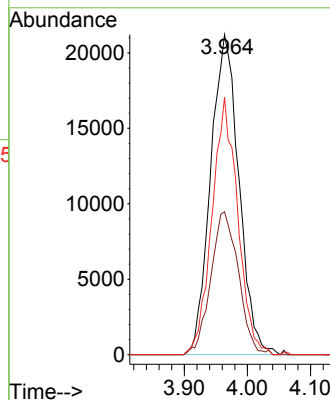
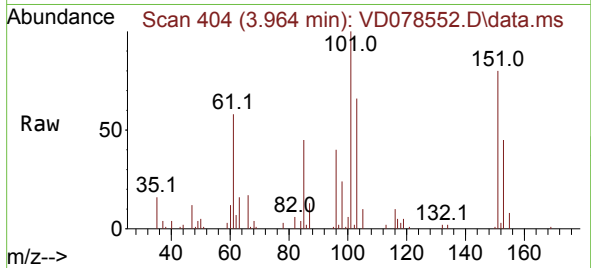




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.257 ug/l
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078552.D
 Acq: 26 Feb 2024 17:09

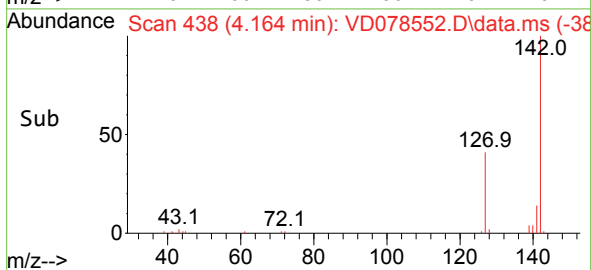
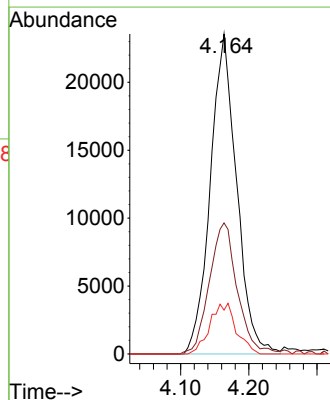
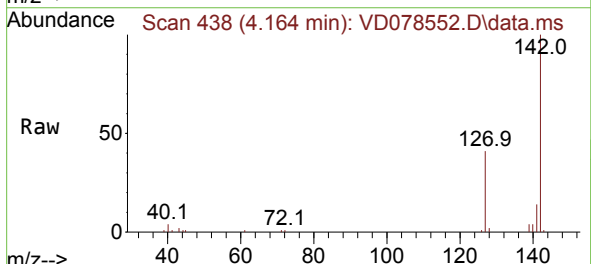
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

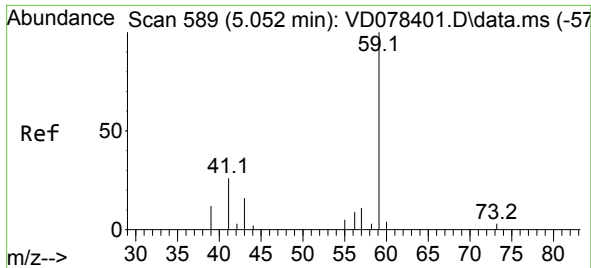
Tgt Ion:101	Resp:	65924
Ion	Ratio	Lower Upper
101	100	
85	43.8	33.8 50.6
151	73.0	59.8 89.6



#10
 Methyl Iodide
 Concen: 45.288 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: VD078552.D
 Acq: 26 Feb 2024 17:09

Tgt Ion:142	Resp:	63281
Ion	Ratio	Lower Upper
142	100	
127	43.4	29.4 44.0
141	15.9	11.1 16.7

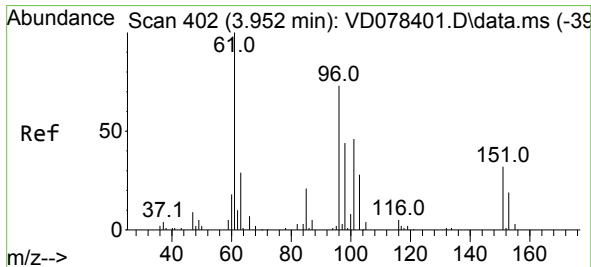
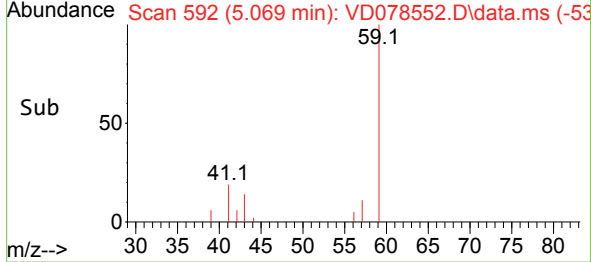
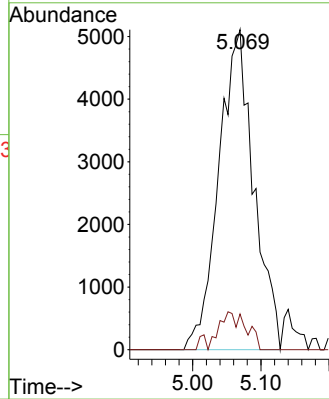
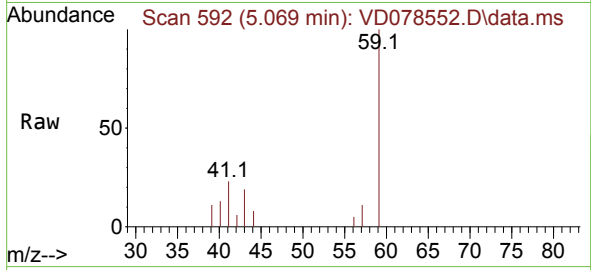




#11
Tert butyl alcohol
Concen: 233.299 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

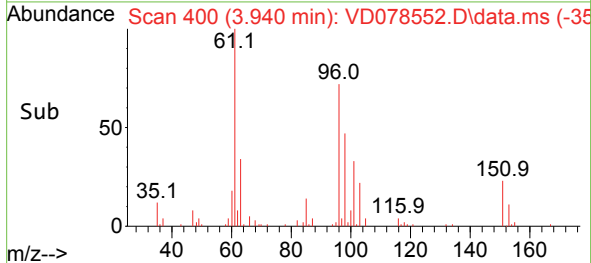
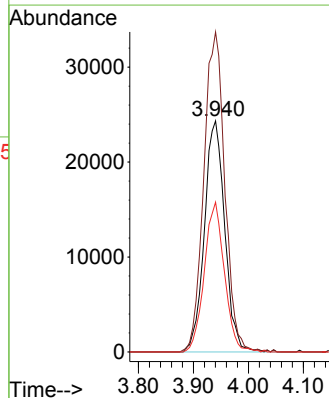
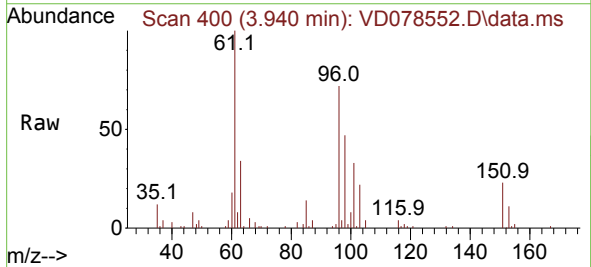
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

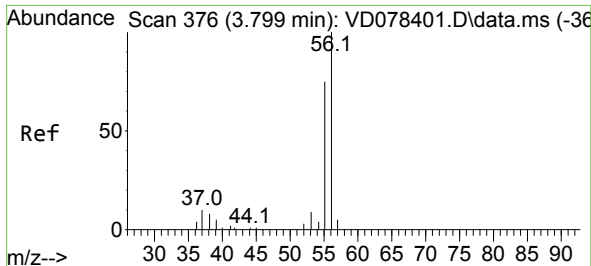
Tgt Ion: 59 Resp: 18169
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 43.449 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 96 Resp: 62844
Ion Ratio Lower Upper
96 100
61 138.5 100.6 150.8
98 64.8 50.2 75.2





#13

Acrolein

Concen: 103.138 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

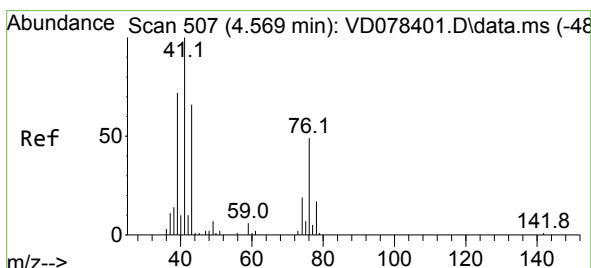
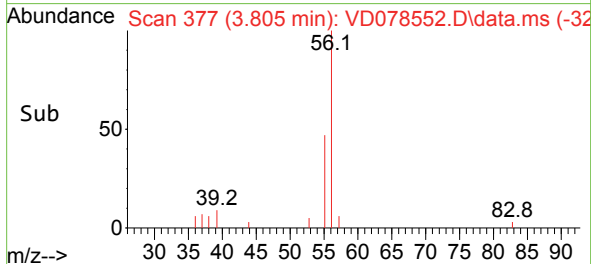
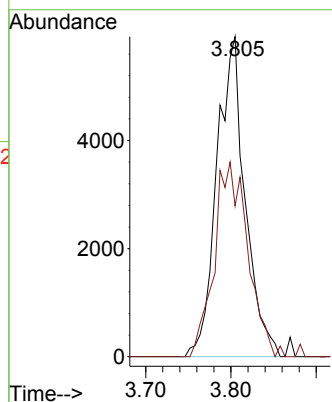
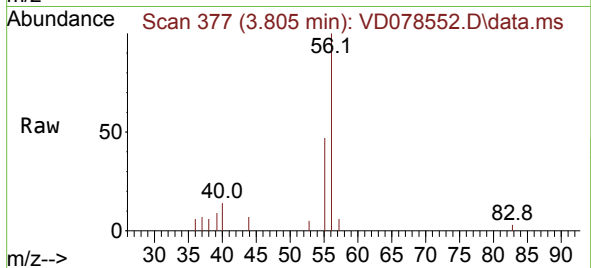
VSTDCCC050EC

Tgt Ion: 56 Resp: 13669

Ion Ratio Lower Upper

56 100

55 72.0 55.1 82.7



#14

Allyl chloride

Concen: 42.996 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

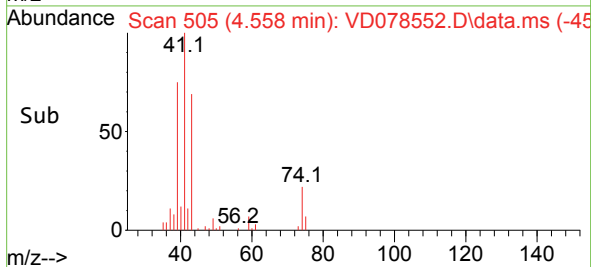
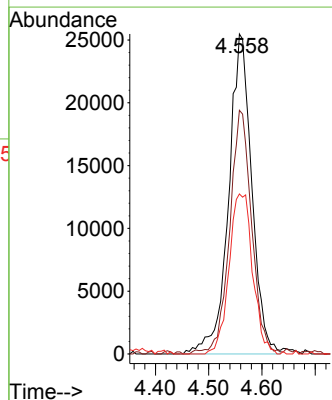
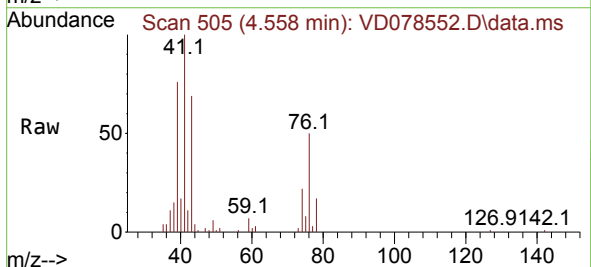
Tgt Ion: 41 Resp: 76826

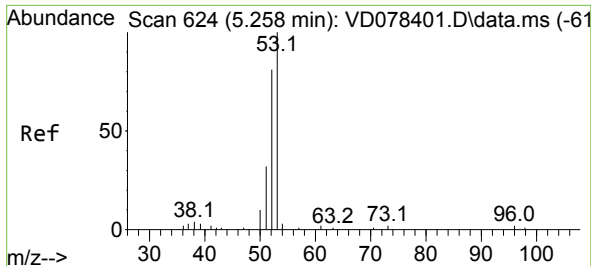
Ion Ratio Lower Upper

41 100

39 72.6 53.8 80.6

76 51.0 45.8 68.8

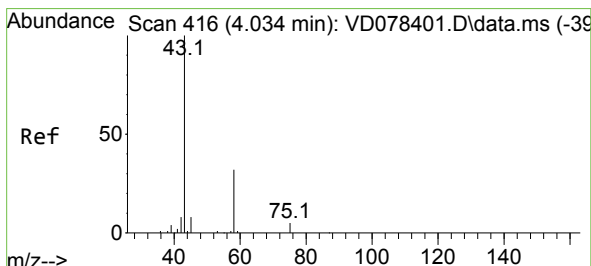
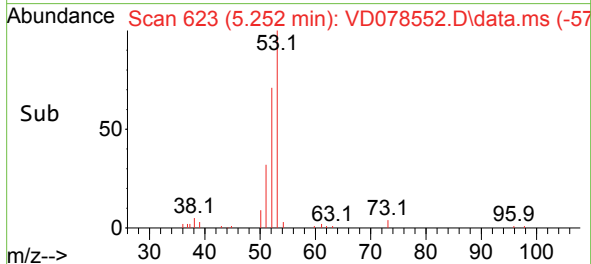
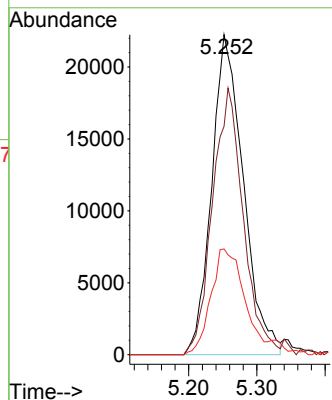
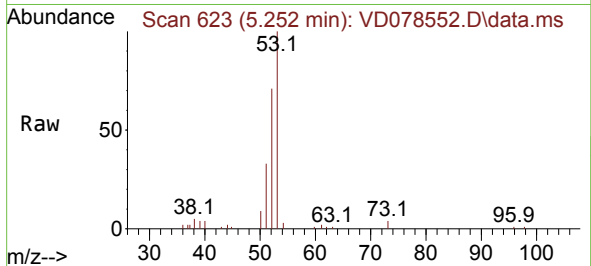




#15
Acrylonitrile
Concen: 235.860 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

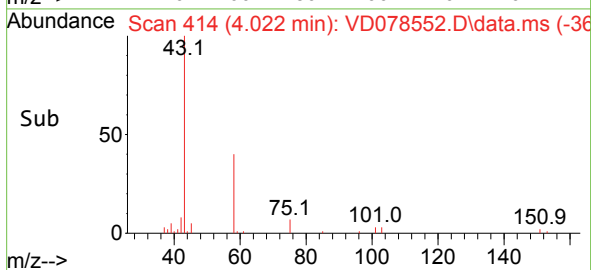
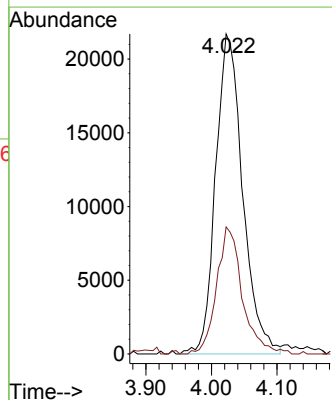
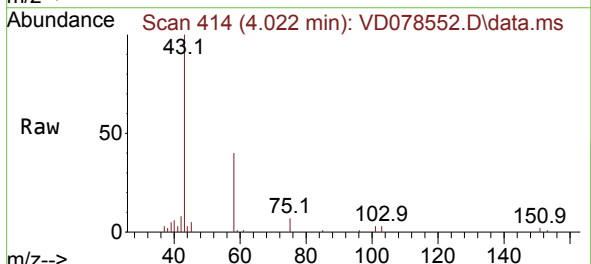
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

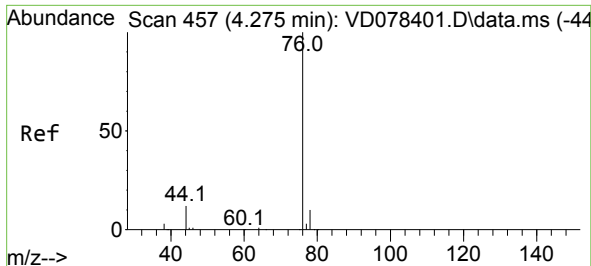
Tgt Ion:	53	Resp:	71919
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.0	97.4
51	35.0	28.3	42.5



#16
Acetone
Concen: 221.700 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion:	43	Resp:	62185
Ion	Ratio	Lower	Upper
43	100		
58	39.7	34.7	52.1

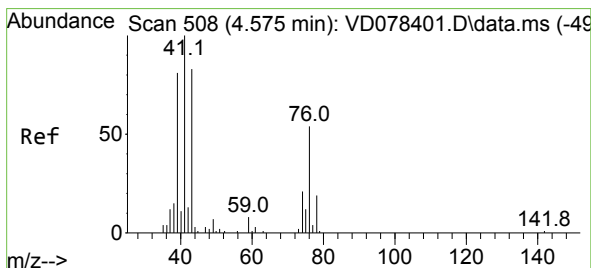
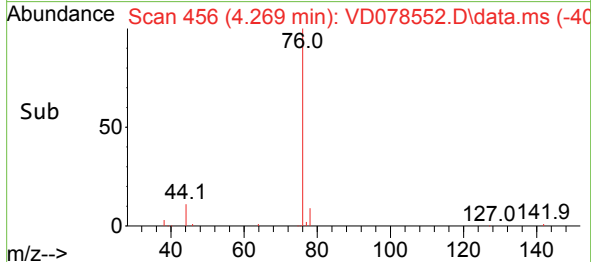
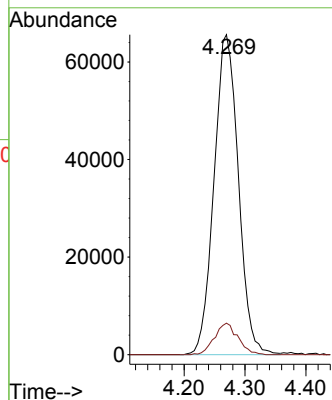
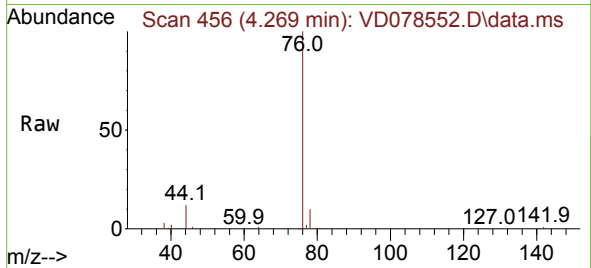




#17
Carbon Disulfide
Concen: 37.416 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

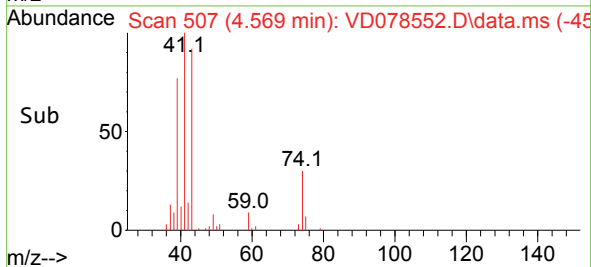
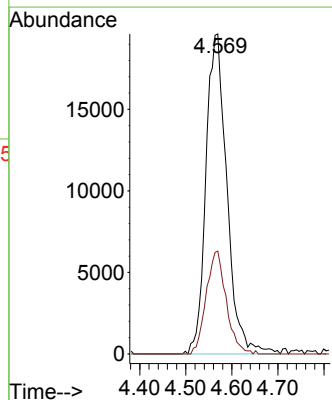
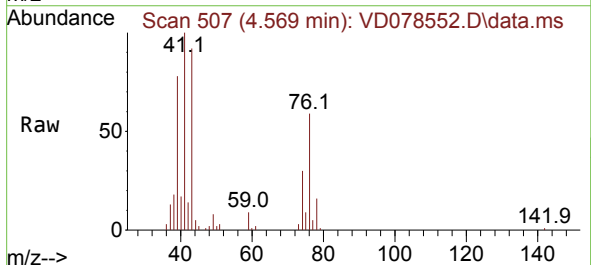
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

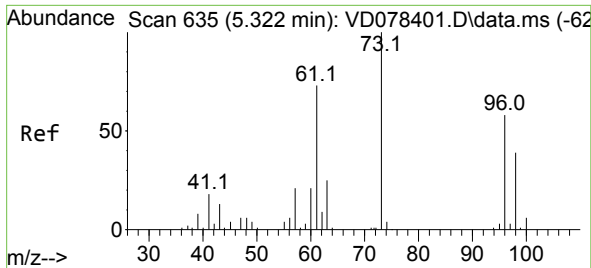
Tgt Ion: 76 Resp: 182100
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 58.926 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 43 Resp: 62244
Ion Ratio Lower Upper
43 100
74 30.7 26.4 39.6

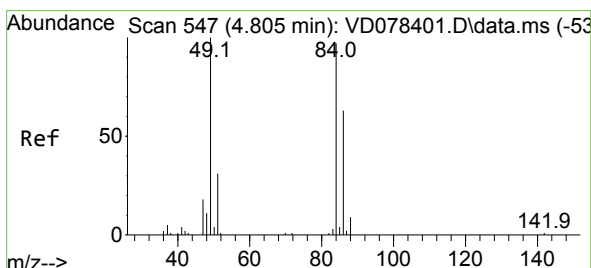
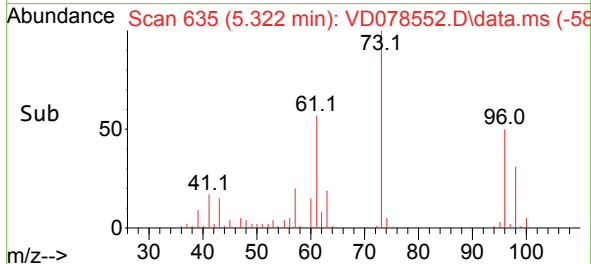
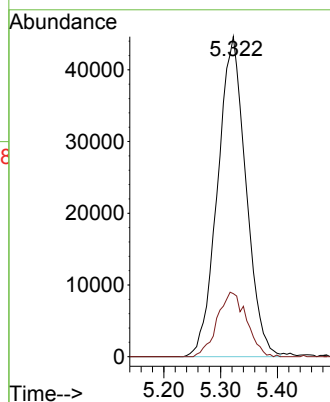
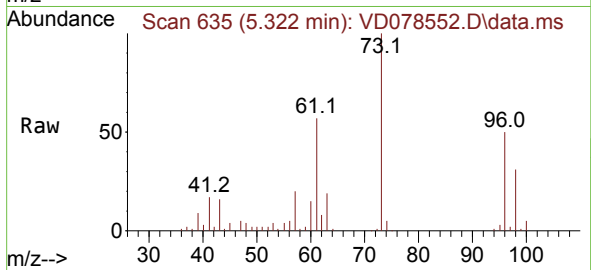




#19
Methyl tert-butyl Ether
Concen: 50.314 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

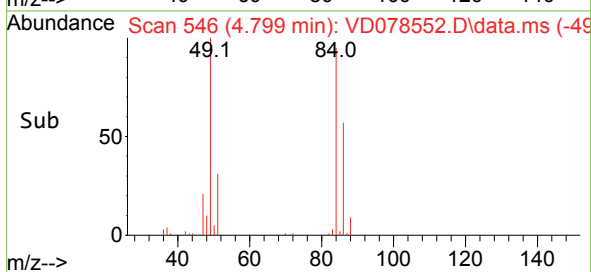
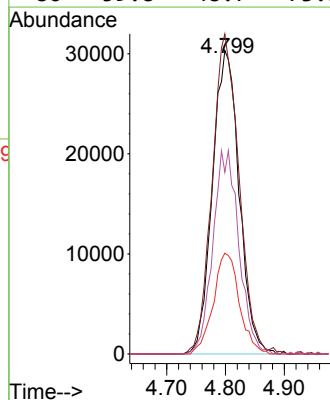
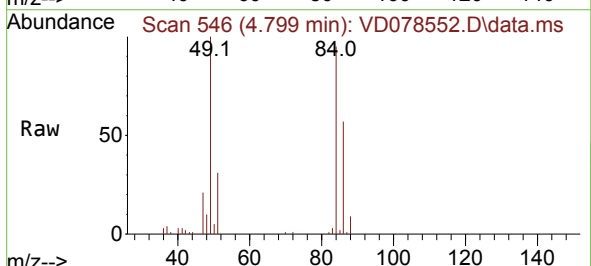
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

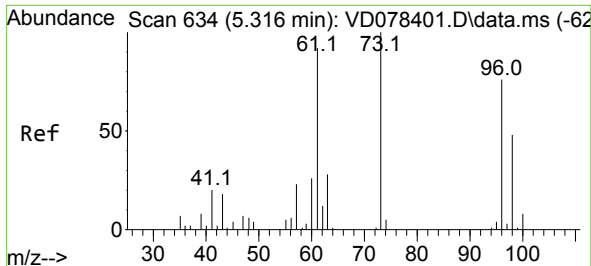
Tgt Ion: 73 Resp: 154615
Ion Ratio Lower Upper
73 100
57 19.7 16.6 25.0



#20
Methylene Chloride
Concen: 59.423 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 84 Resp: 95622
Ion Ratio Lower Upper
84 100
49 105.4 71.4 107.2
51 33.2 24.5 36.7
86 59.8 48.7 73.1

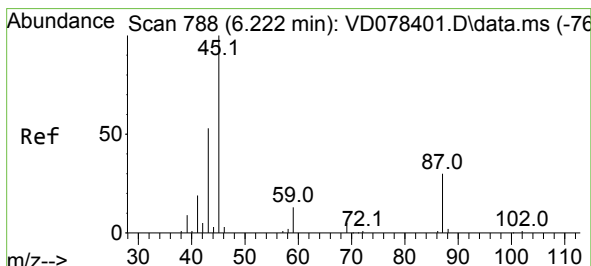
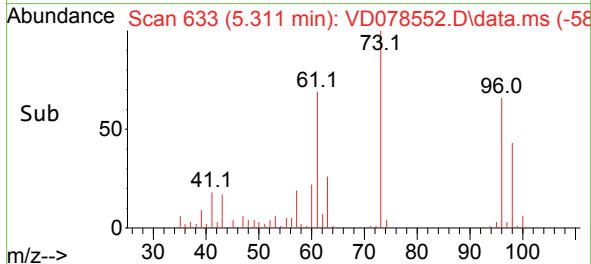
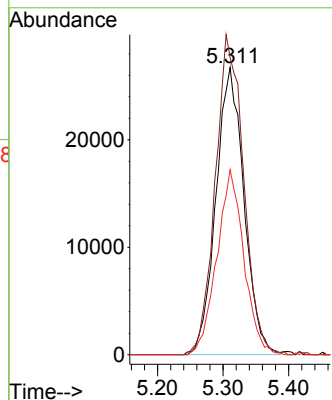
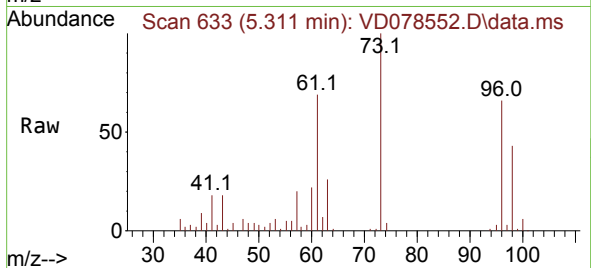




#21
trans-1,2-Dichloroethene
Concen: 46.629 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

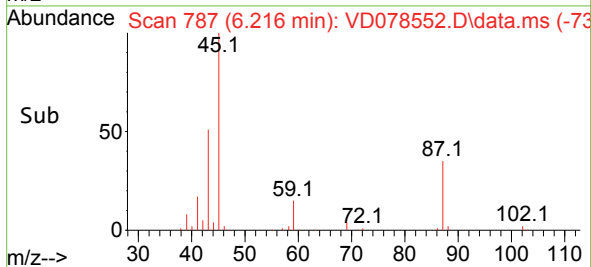
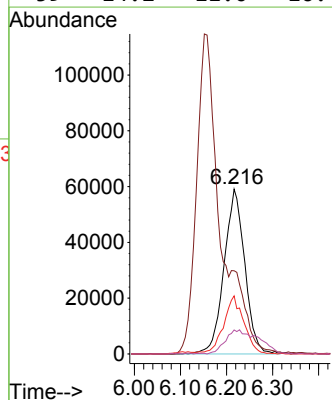
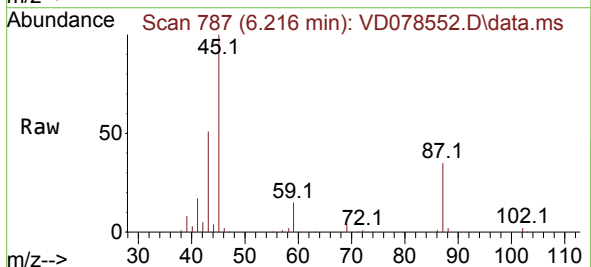
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

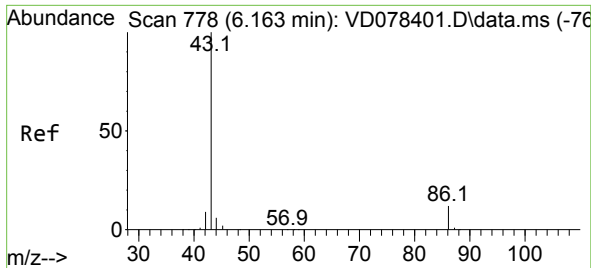
Tgt Ion: 96 Resp: 79340
Ion Ratio Lower Upper
96 100
61 103.5 89.3 133.9
98 64.4 48.6 73.0



#22
Diisopropyl ether
Concen: 46.882 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 45 Resp: 184635
Ion Ratio Lower Upper
45 100
43 49.2 40.0 60.0
87 34.9 28.2 42.4
59 14.2 11.0 16.4

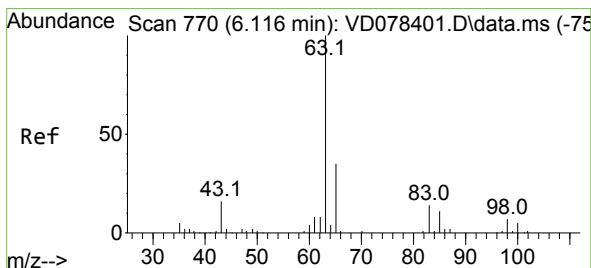
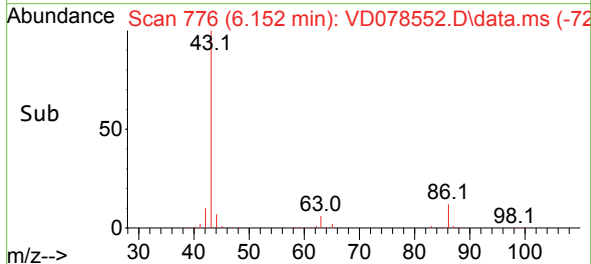
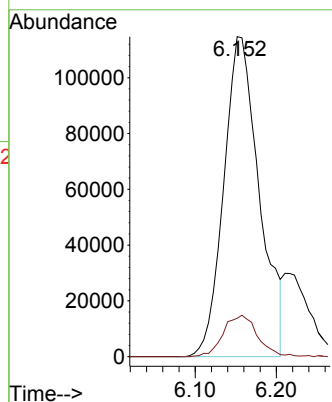
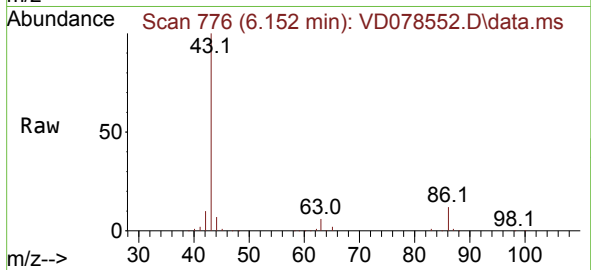




#23
 Vinyl Acetate
 Concen: 214.872 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.011 min
 Lab File: VD078552.D
 Acq: 26 Feb 2024 17:09

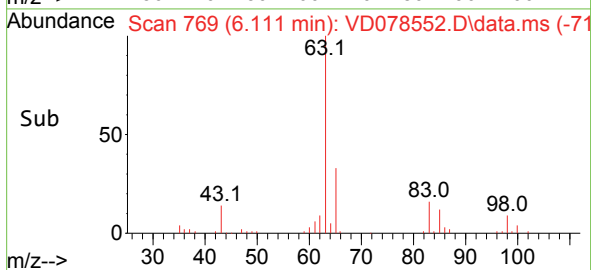
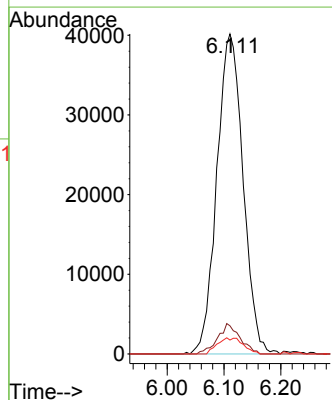
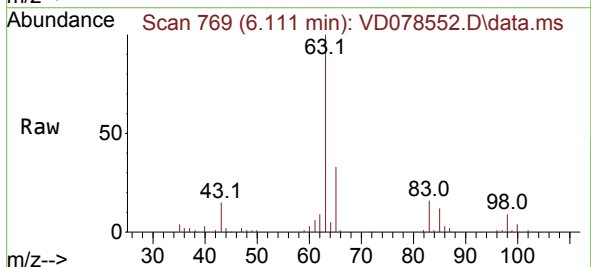
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

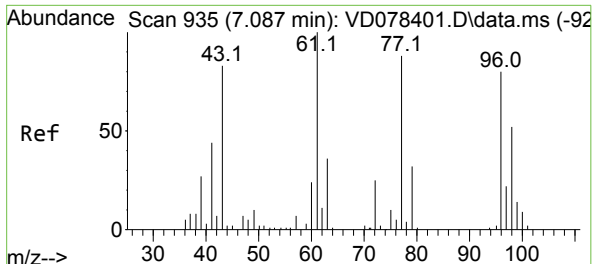
Tgt Ion: 43 Resp: 350002
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 46.140 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078552.D
 Acq: 26 Feb 2024 17:09

Tgt Ion: 63 Resp: 128724
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 4.3 2.5 7.5

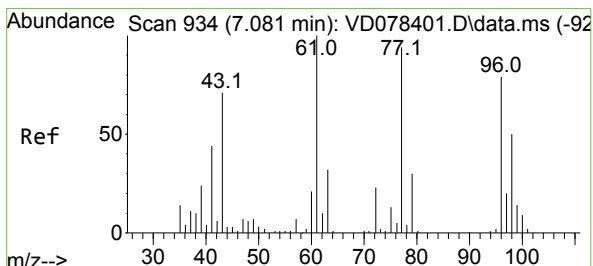
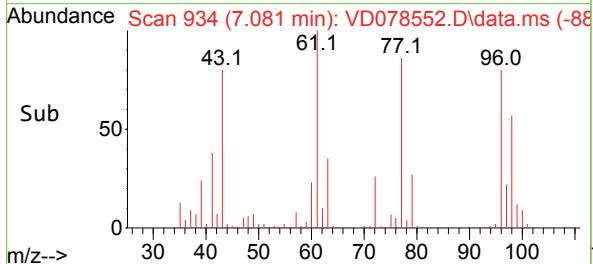
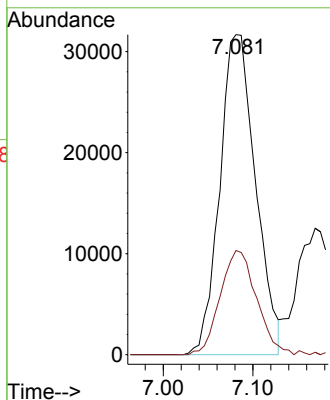
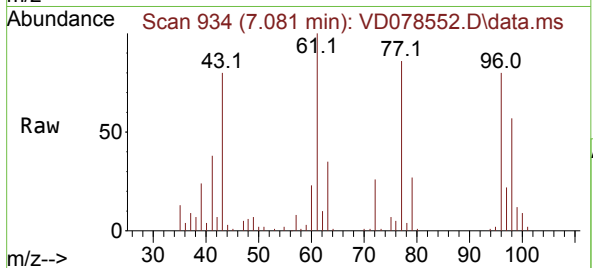




#25
2-Butanone
Concen: 240.972 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

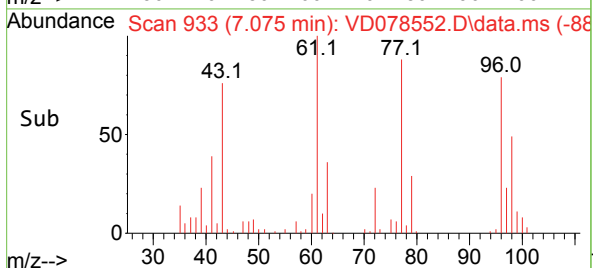
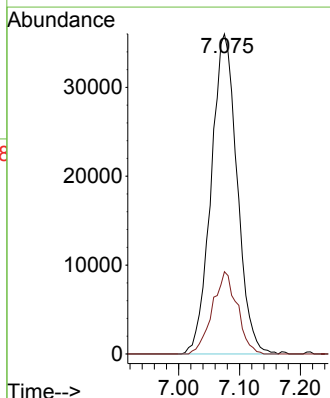
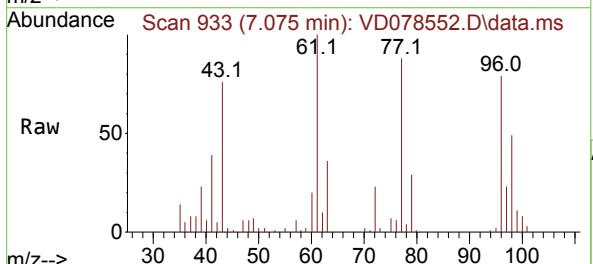
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

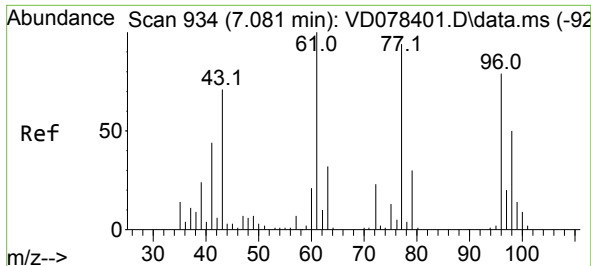
Tgt Ion: 43 Resp: 87792
Ion Ratio Lower Upper
43 100
72 32.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 45.581 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 77 Resp: 106603
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 47.809 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

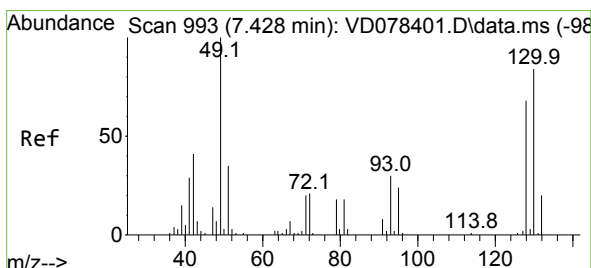
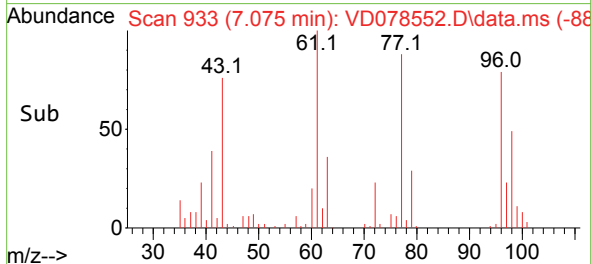
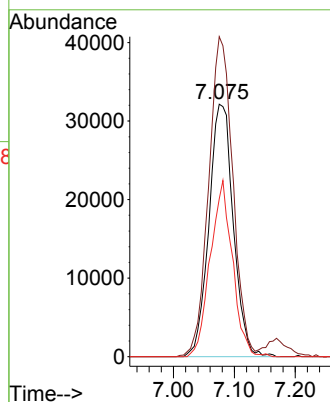
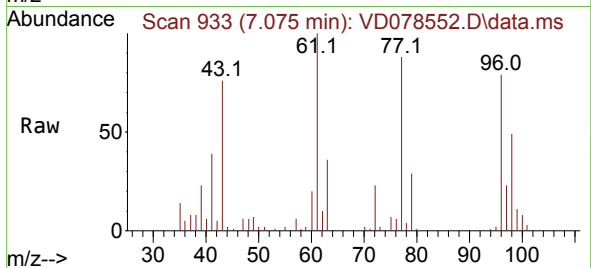
Tgt Ion: 96 Resp: 89252

Ion Ratio Lower Upper

96 100

61 125.9 0.0 239.2

98 63.8 0.0 128.6



#28

Bromochloromethane

Concen: 47.480 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

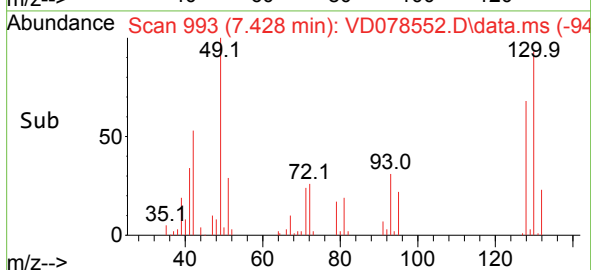
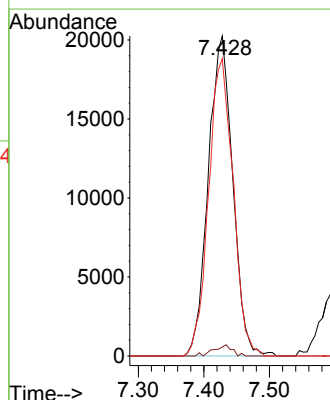
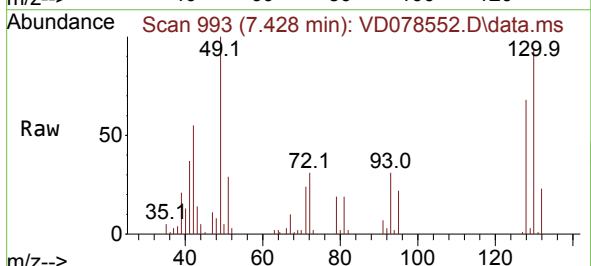
Tgt Ion: 49 Resp: 52466

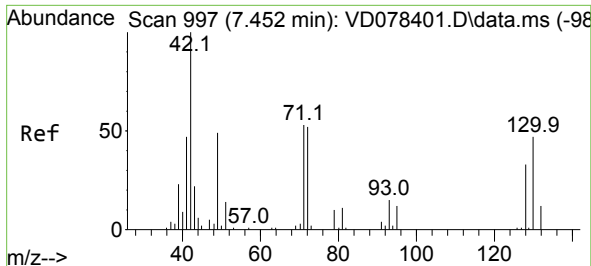
Ion Ratio Lower Upper

49 100

129 2.6 0.0 6.0

130 93.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 240.070 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

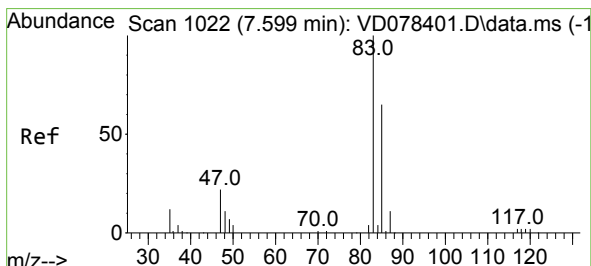
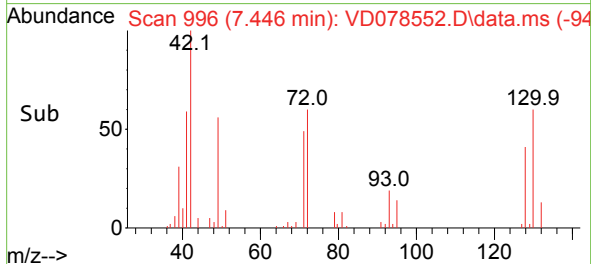
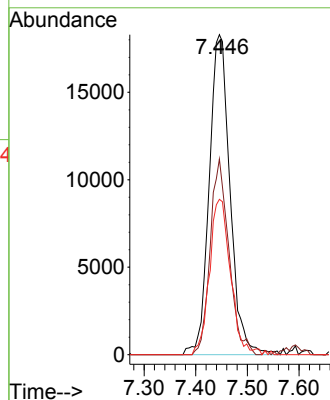
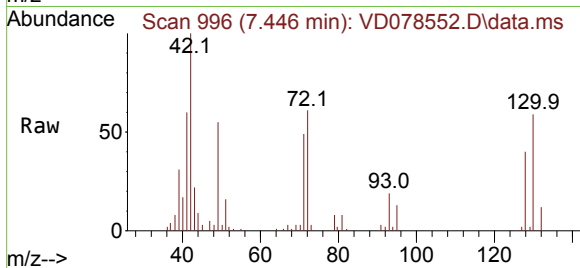
Tgt Ion: 42 Resp: 51218

Ion Ratio Lower Upper

42 100

72 55.1 46.5 69.7

71 49.2 44.5 66.7



#30

Chloroform

Concen: 47.801 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078552.D

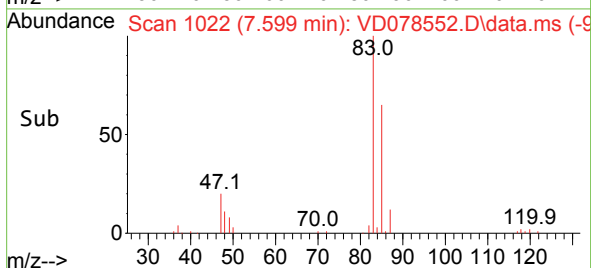
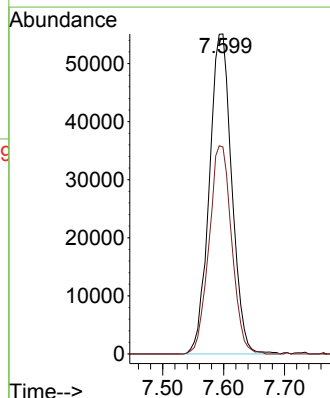
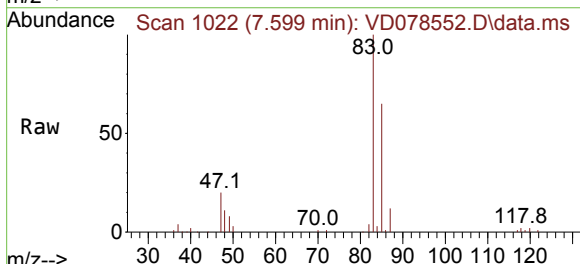
Acq: 26 Feb 2024 17:09

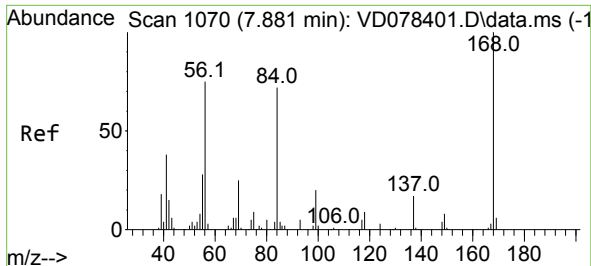
Tgt Ion: 83 Resp: 141100

Ion Ratio Lower Upper

83 100

85 64.7 53.4 80.2





#31

Cyclohexane

Concen: 37.941 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

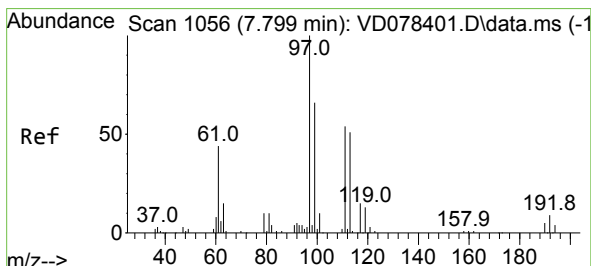
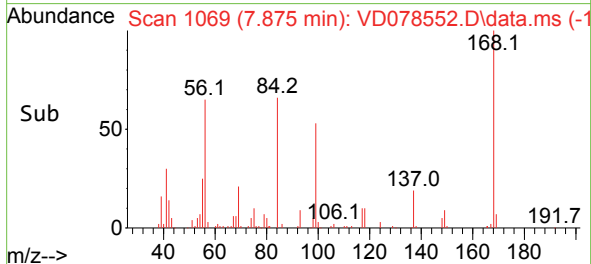
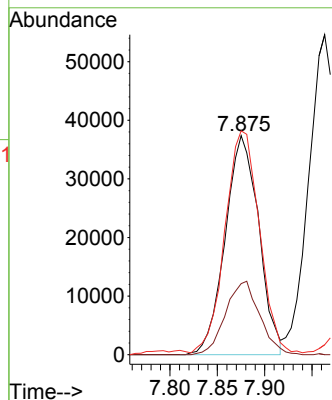
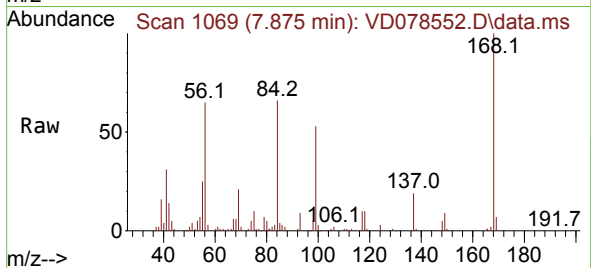
Tgt Ion: 56 Resp: 92073

Ion Ratio Lower Upper

56 100

69 32.4 28.6 43.0

84 100.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 46.290 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.012 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

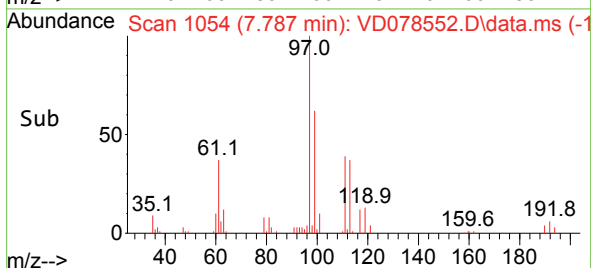
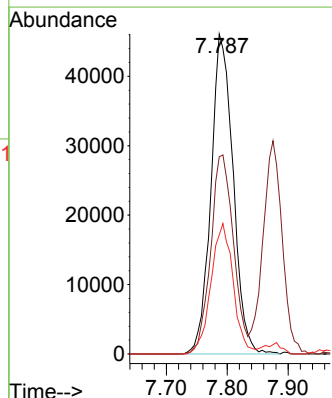
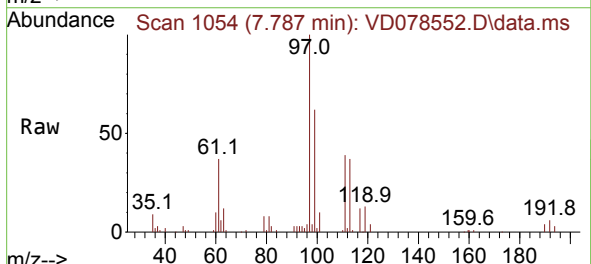
Tgt Ion: 97 Resp: 116497

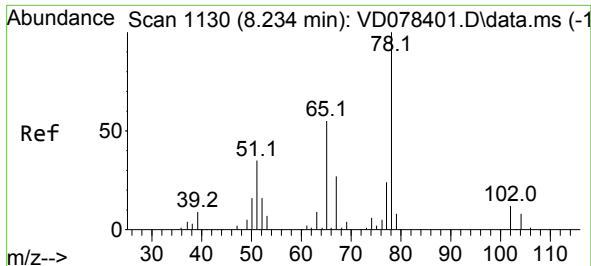
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 40.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.762 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

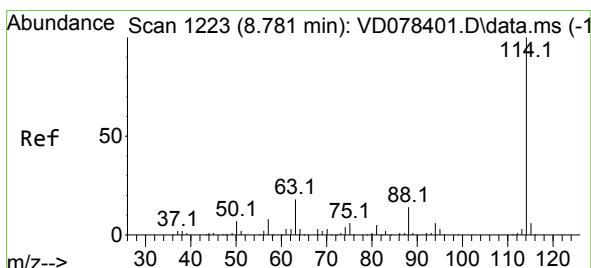
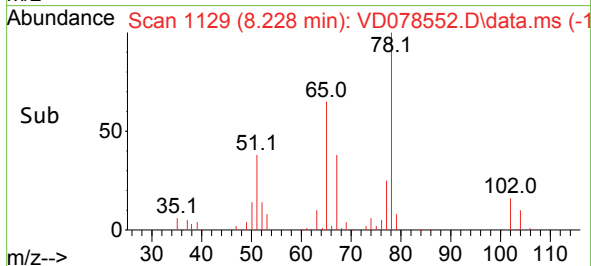
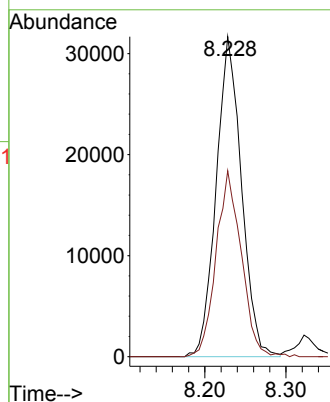
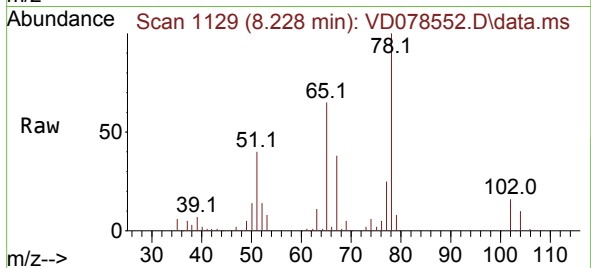
VSTDCCC050EC

Tgt Ion: 65 Resp: 68519

Ion Ratio Lower Upper

65 100

67 58.0 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: VD078552.D

Acq: 26 Feb 2024 17:09

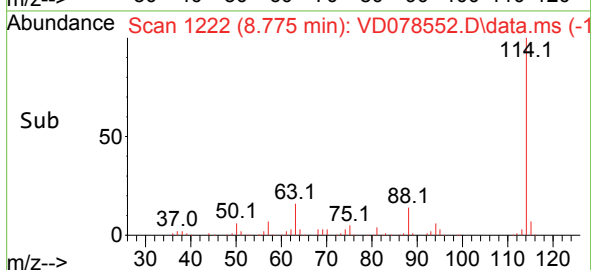
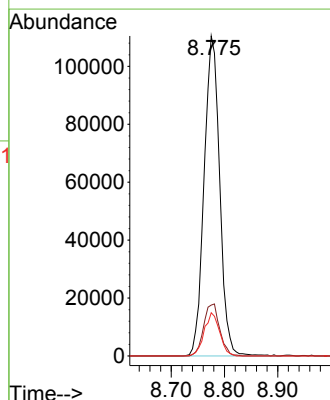
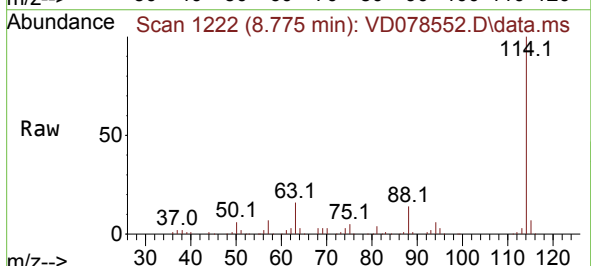
Tgt Ion:114 Resp: 224426

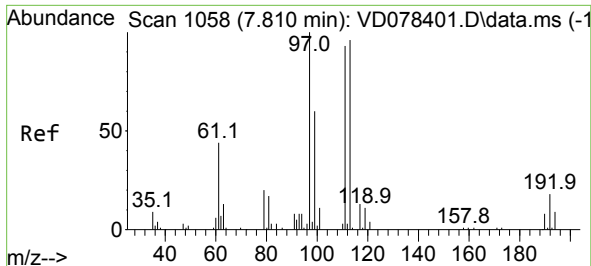
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.266 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078552.D

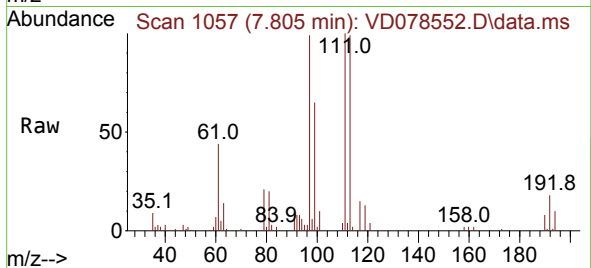
Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



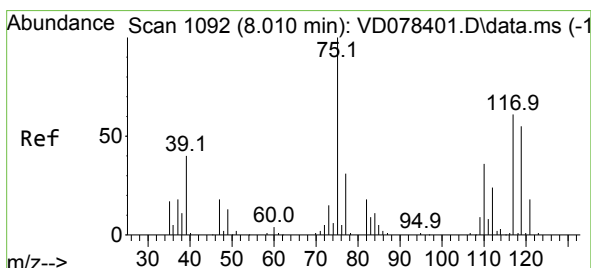
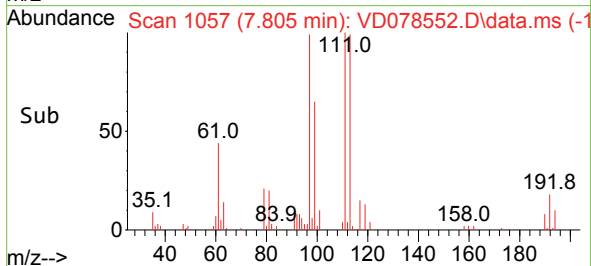
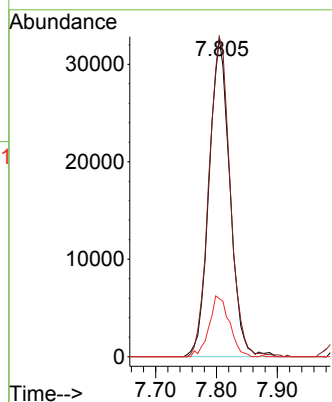
Tgt Ion:113 Resp: 77362

Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 45.340 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

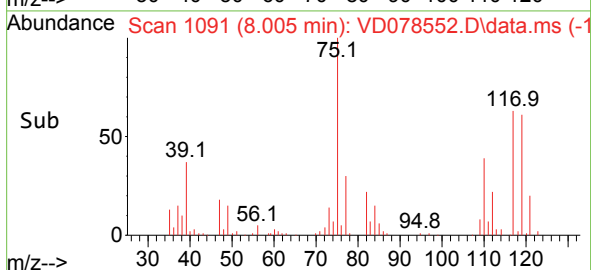
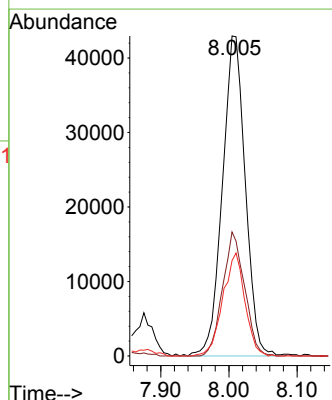
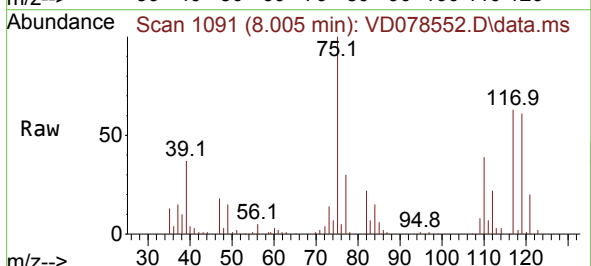
Tgt Ion: 75 Resp: 100411

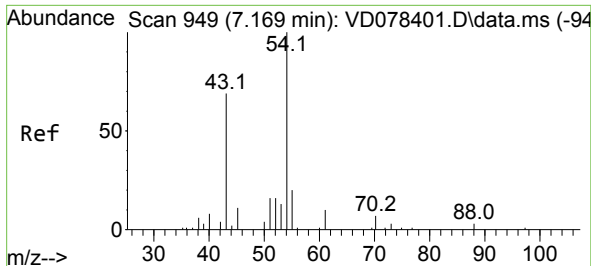
Ion Ratio Lower Upper

75 100

110 37.1 19.9 59.6

77 31.1 24.7 37.1

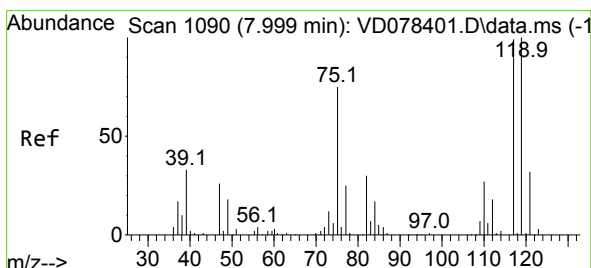
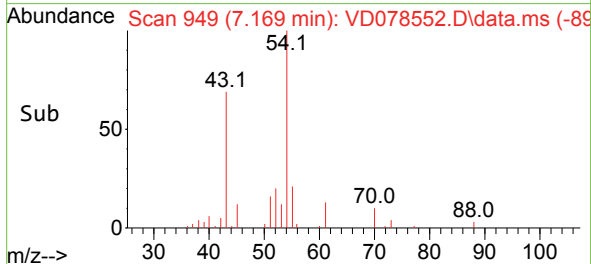
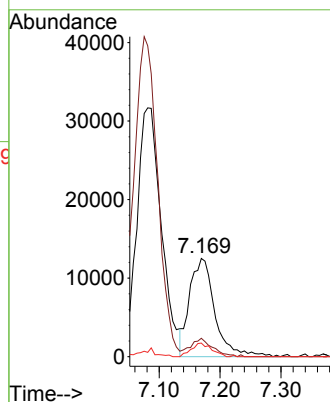
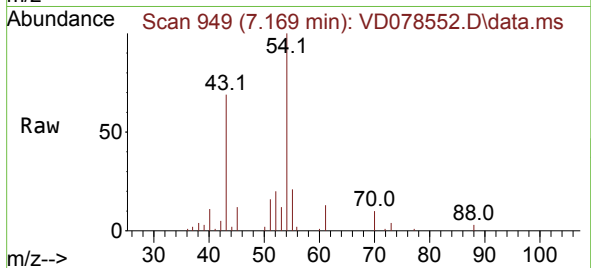




#37
Ethyl Acetate
Concen: 46.400 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

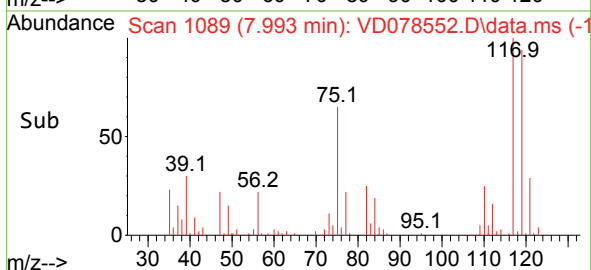
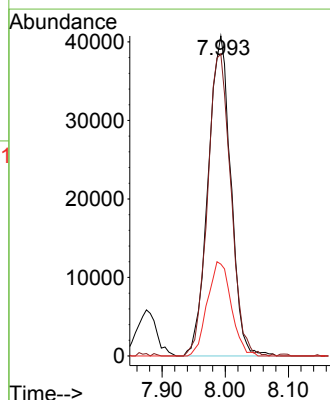
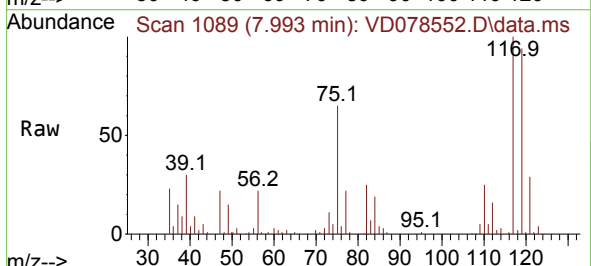
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

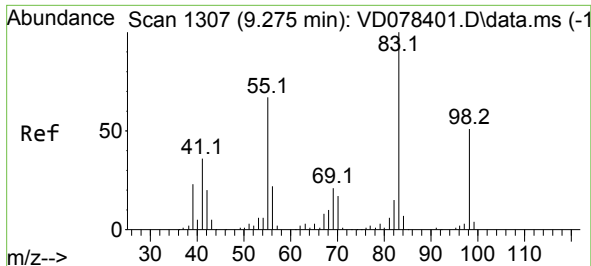
Tgt Ion:	43	Resp:	36022
Ion Ratio	Lower	Upper	
43	100		
61	15.9	14.9	22.3
70	11.0	10.0	15.0



#38
Carbon Tetrachloride
Concen: 46.436 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion:	117	Resp:	101843
Ion Ratio	Lower	Upper	
117	100		
119	94.3	78.0	117.0
121	28.7	24.2	36.2





#39

Methylcyclohexane

Concen: 42.950 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

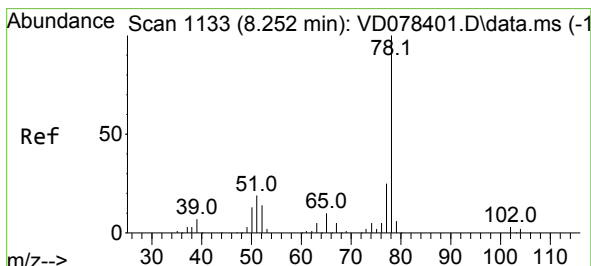
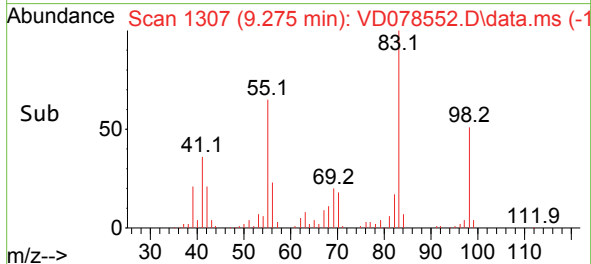
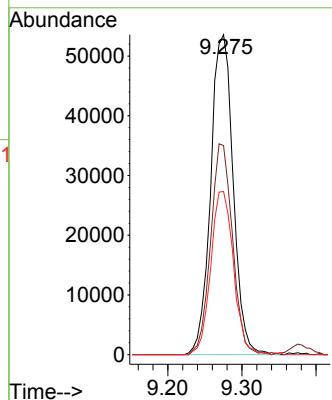
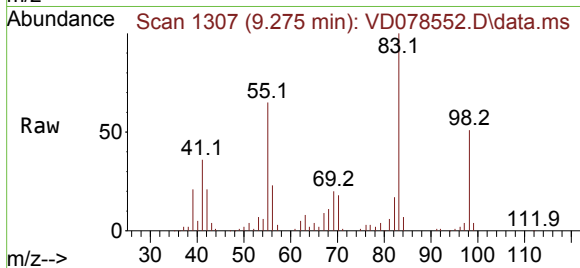
Tgt Ion: 83 Resp: 112921

Ion Ratio Lower Upper

83 100

55 65.4 49.4 74.0

98 51.0 38.4 57.6



#40

Benzene

Concen: 49.042 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078552.D

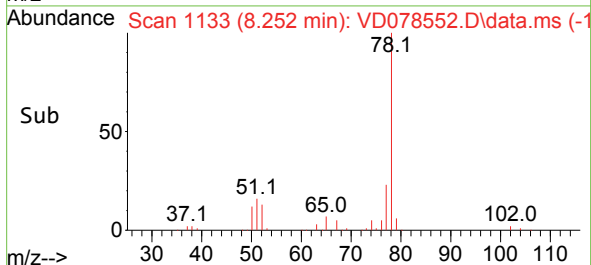
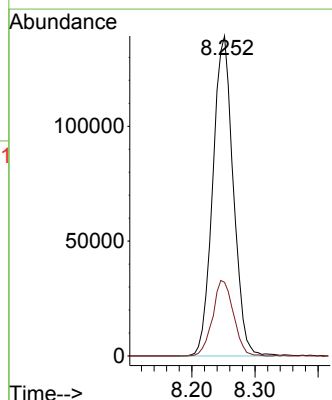
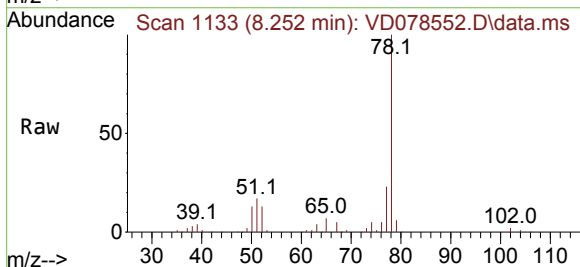
Acq: 26 Feb 2024 17:09

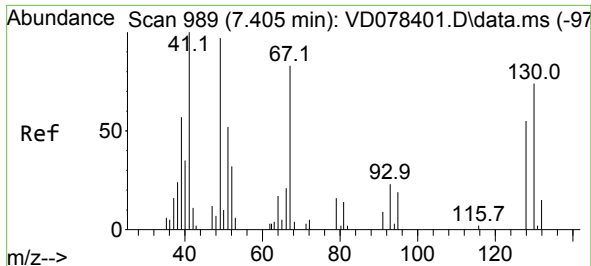
Tgt Ion: 78 Resp: 313931

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0



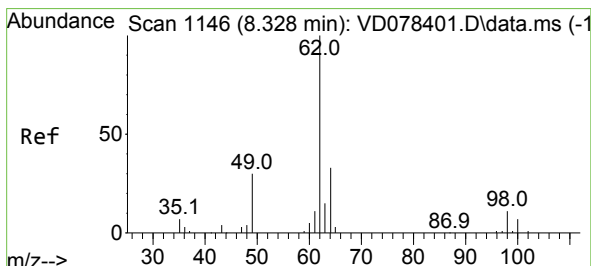
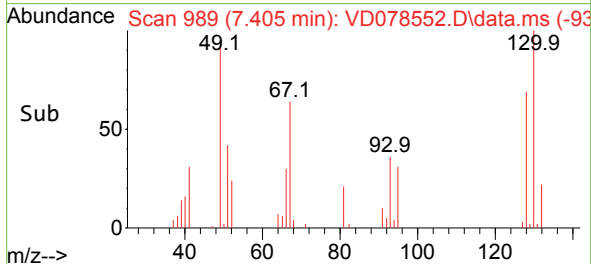
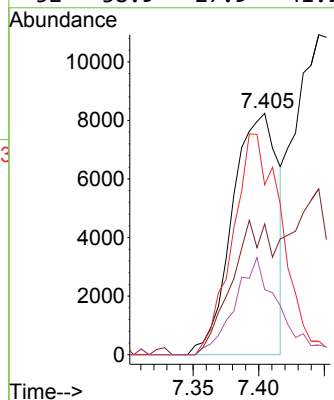
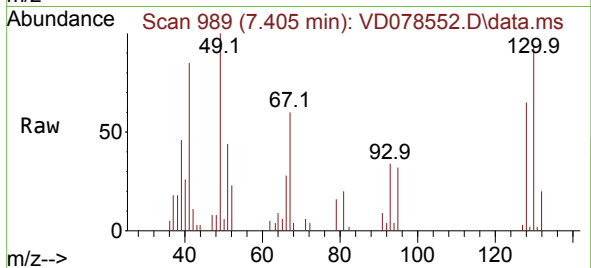


#41
Methacrylonitrile
Concen: 49.318 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 19926

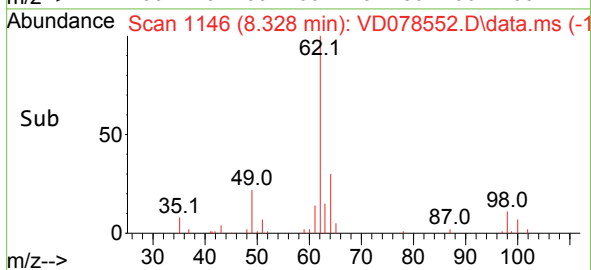
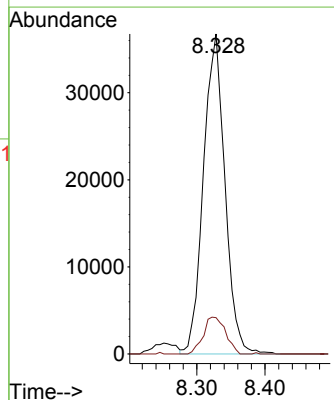
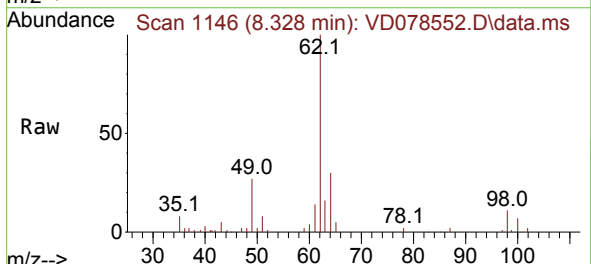
Ion	Ratio	Lower	Upper
41	100		
39	47.3	34.0	51.0
67	98.4	77.0	115.4
52	38.9	27.9	41.9

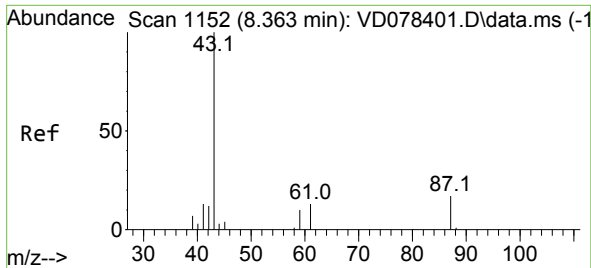


#42
1,2-Dichloroethane
Concen: 48.698 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 62 Resp: 80659

Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	25.4

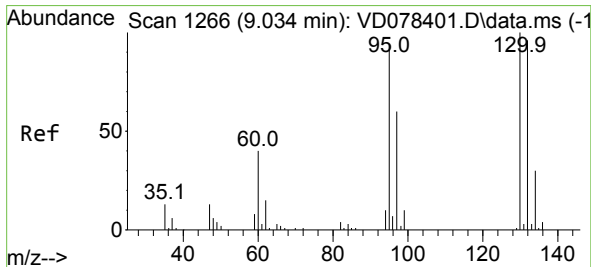
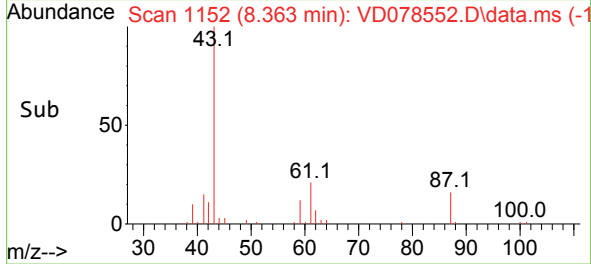
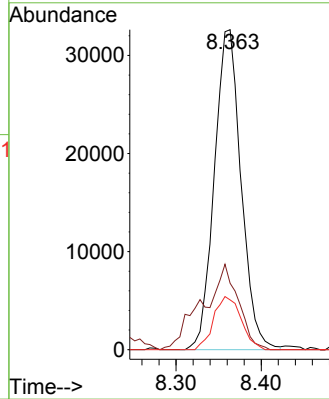
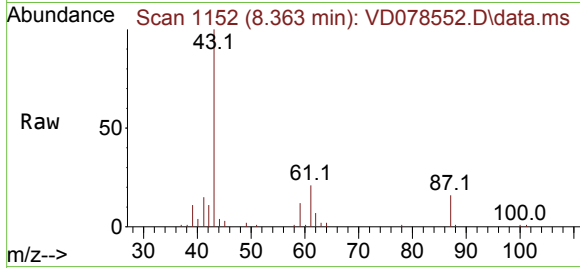




#43
Isopropyl Acetate
Concen: 49.450 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

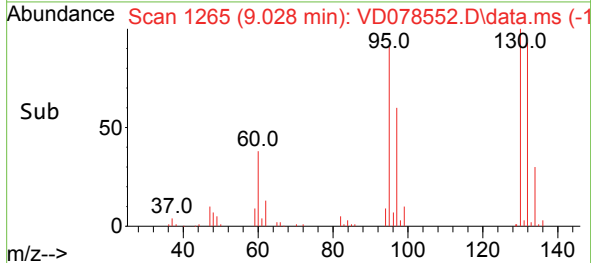
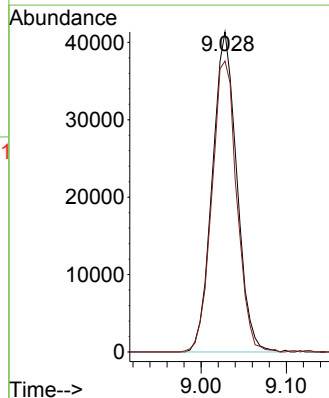
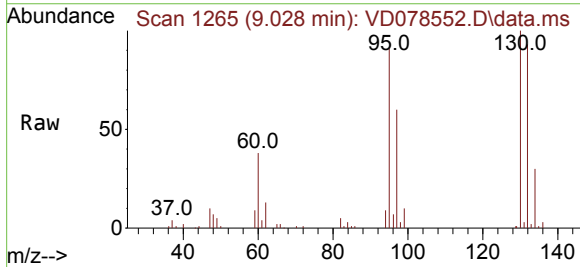
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

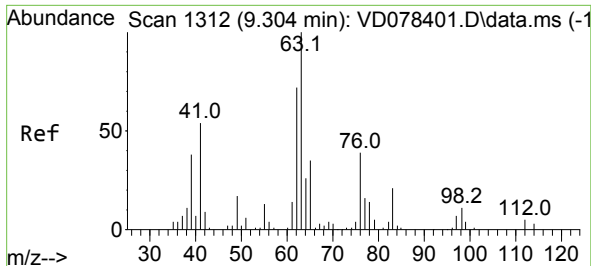
Tgt Ion: 43 Resp: 71087
Ion Ratio Lower Upper
43 100
61 22.2 31.4 47.0#
87 17.1 14.9 22.3



#44
Trichloroethene
Concen: 50.441 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion:130 Resp: 82374
Ion Ratio Lower Upper
130 100
95 90.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.225 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

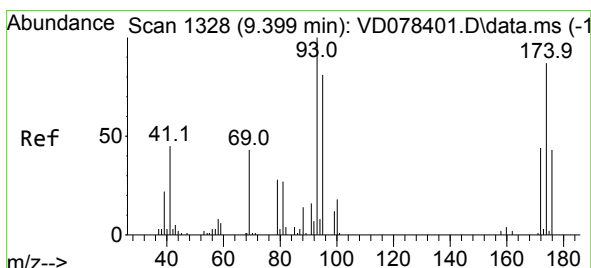
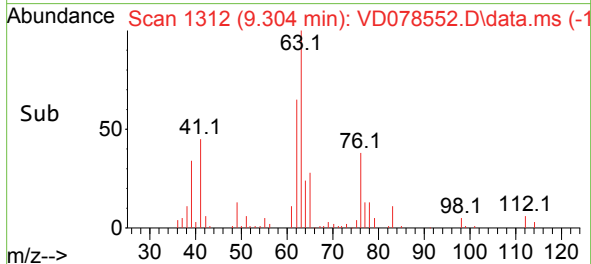
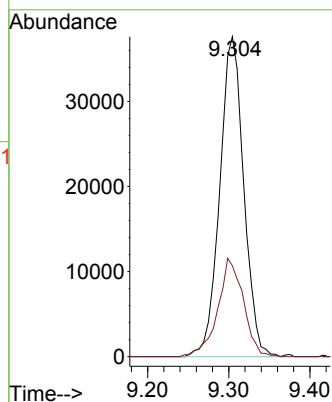
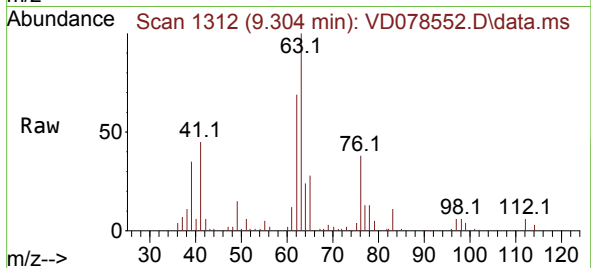
VSTDCCC050EC

Tgt Ion: 63 Resp: 77311

Ion Ratio Lower Upper

63 100

65 28.4 24.5 36.7



#46

Dibromomethane

Concen: 50.116 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

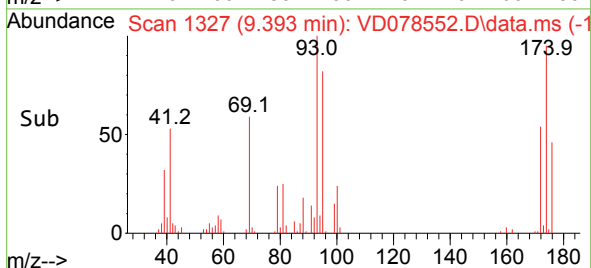
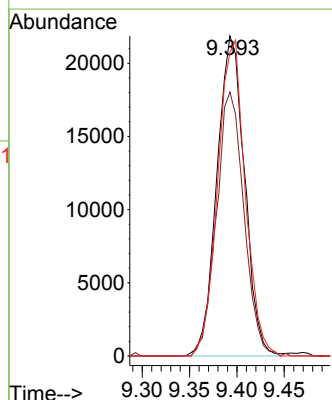
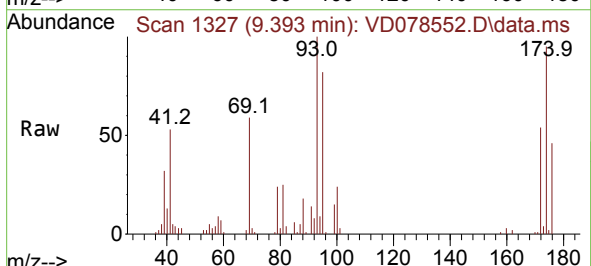
Tgt Ion: 93 Resp: 44273

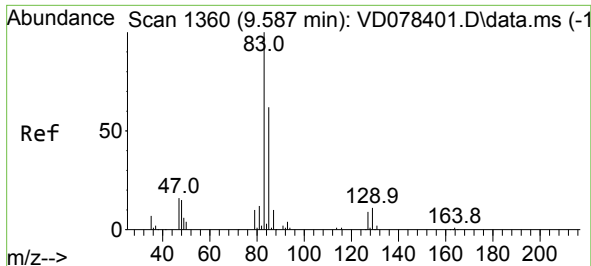
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 97.8 85.4 128.2

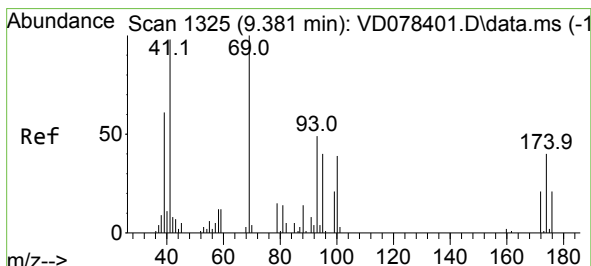
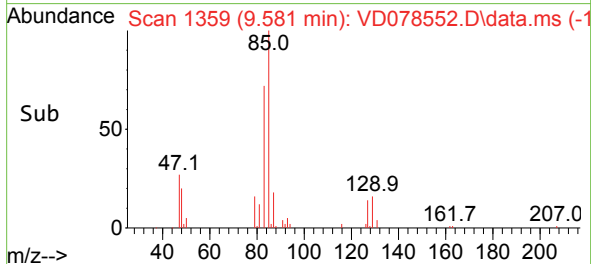
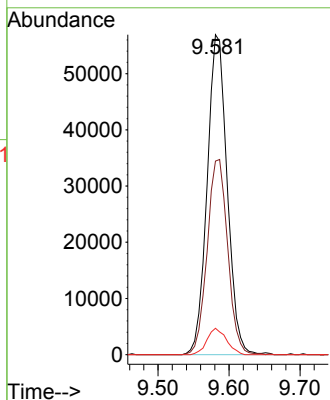
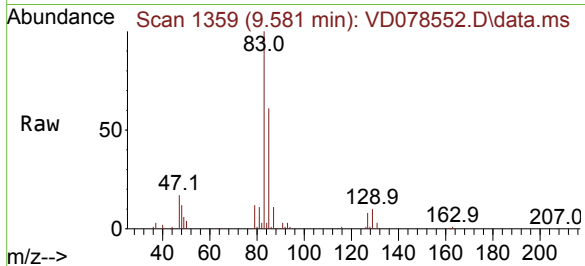




#47
Bromodichloromethane
Concen: 50.905 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

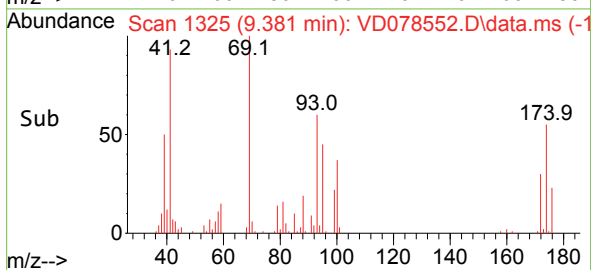
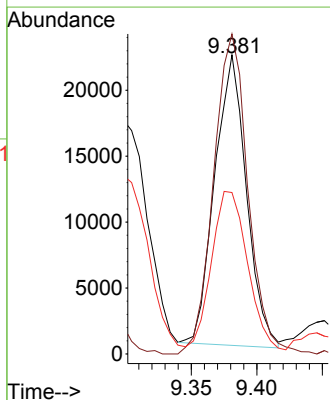
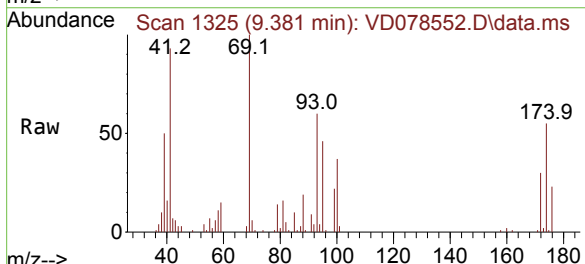
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

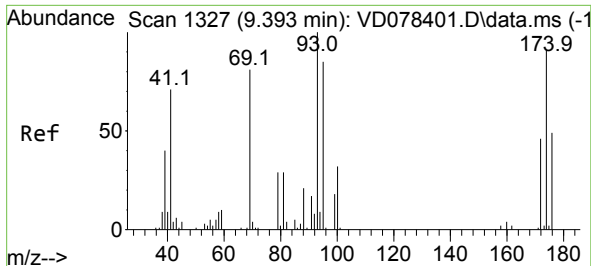
Tgt Ion: 83 Resp: 111383
Ion Ratio Lower Upper
83 100
85 60.5 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 48.468 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 41 Resp: 36966
Ion Ratio Lower Upper
41 100
69 119.8 102.2 153.2
39 65.4 41.4 62.2#





#49

1,4-Dioxane

Concen: 1068.685 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

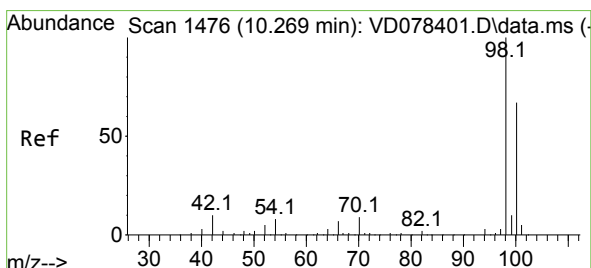
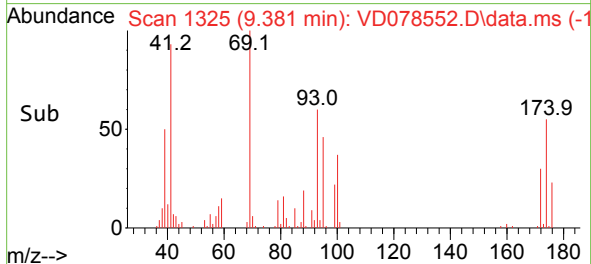
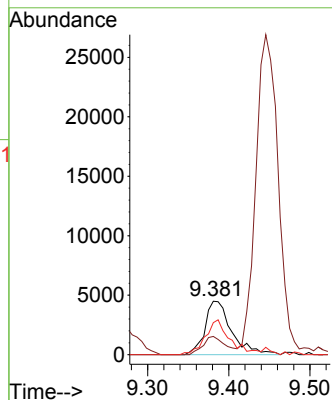
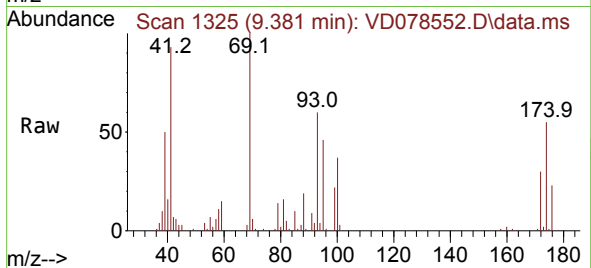
Tgt Ion: 88 Resp: 10224

Ion Ratio Lower Upper

88 100

43 29.4 19.0 28.6#

58 59.6 43.5 65.3



#50

Toluene-d8

Concen: 50.774 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078552.D

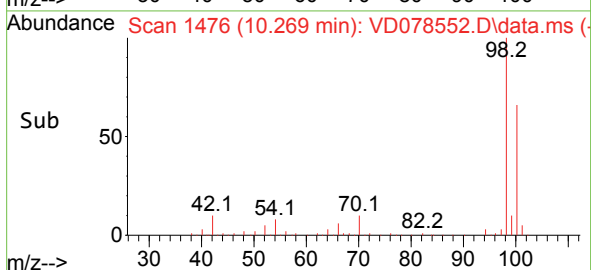
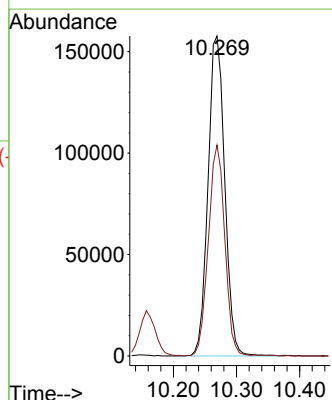
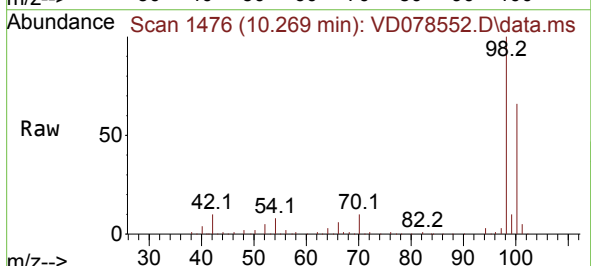
Acq: 26 Feb 2024 17:09

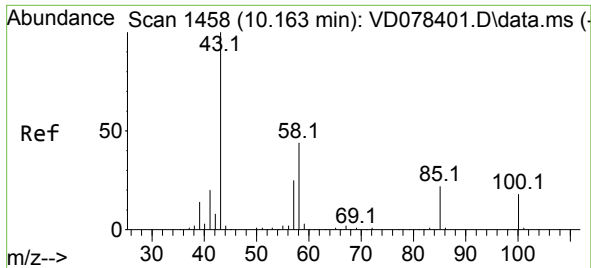
Tgt Ion: 98 Resp: 289552

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

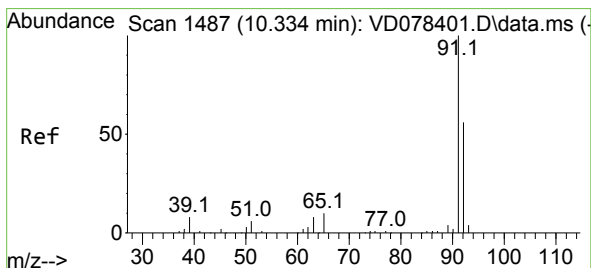
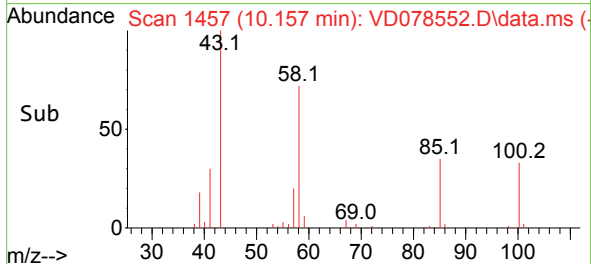
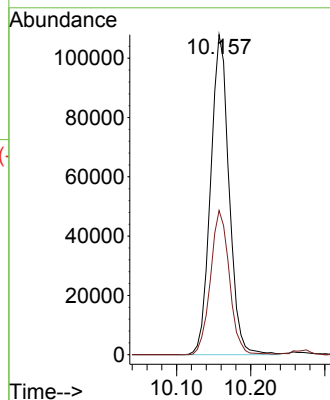
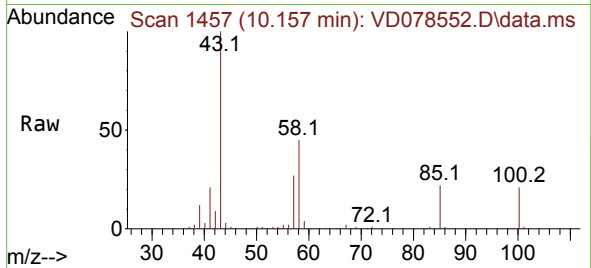




#51
4-Methyl-2-Pentanone
Concen: 244.360 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

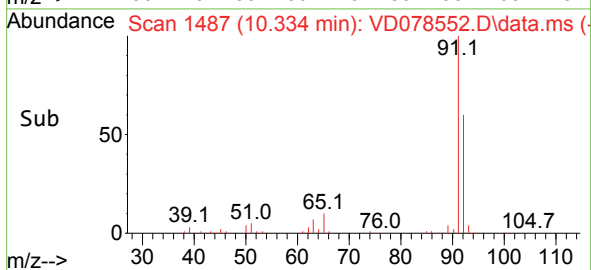
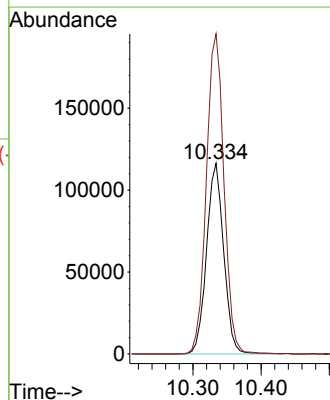
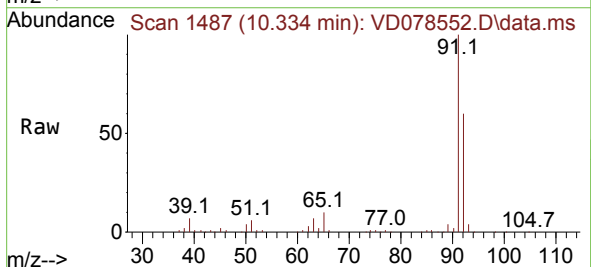
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

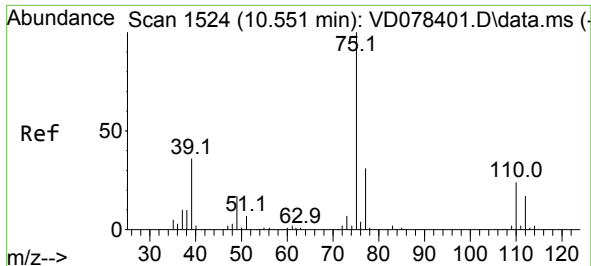
Tgt Ion: 43 Resp: 186444
Ion Ratio Lower Upper
43 100
58 46.2 38.9 58.3



#52
Toluene
Concen: 50.240 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 92 Resp: 203373
Ion Ratio Lower Upper
92 100
91 172.4 143.0 214.4

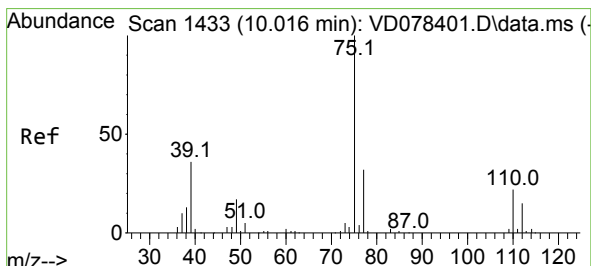
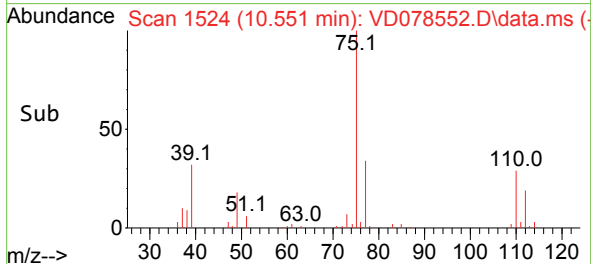
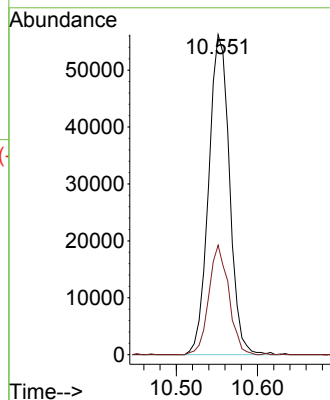
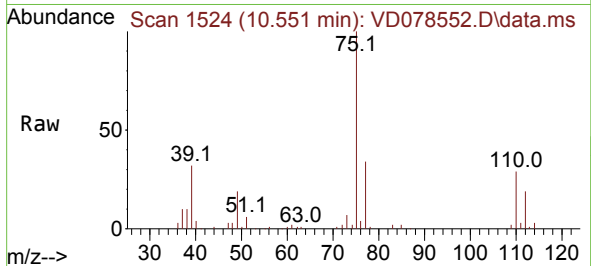




#53
 t-1,3-Dichloropropene
 Concen: 50.158 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078552.D
 Acq: 26 Feb 2024 17:09

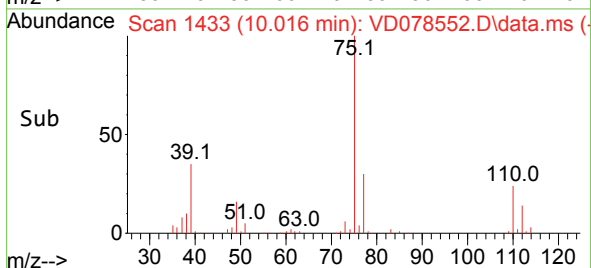
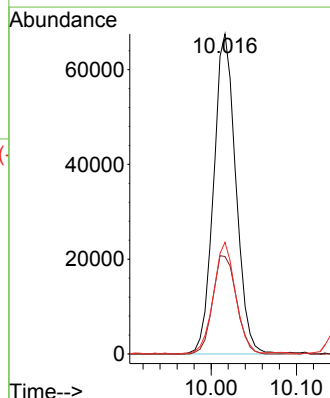
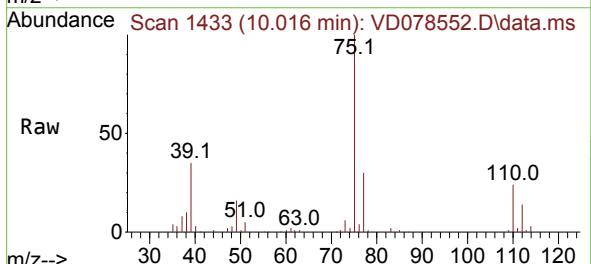
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

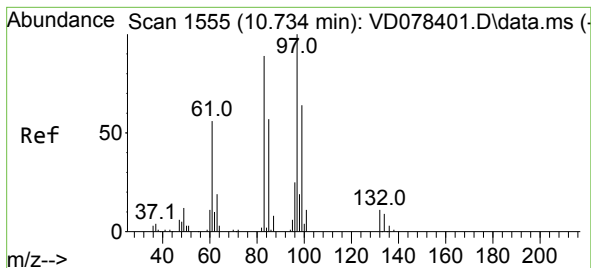
Tgt Ion: 75 Resp: 100141
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.439 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078552.D
 Acq: 26 Feb 2024 17:09

Tgt Ion: 75 Resp: 122112
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3
 39 34.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 53.305 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 63415

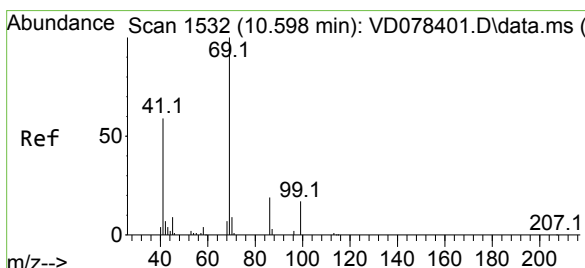
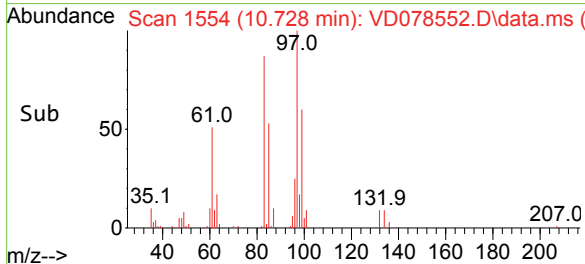
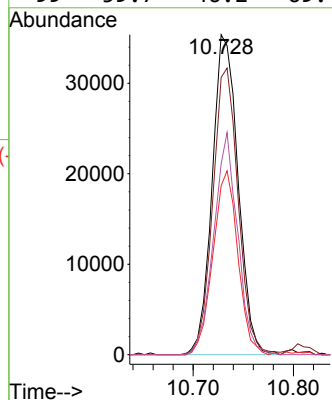
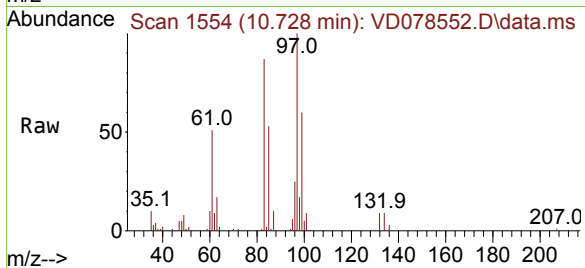
Ion Ratio Lower Upper

97 100

83 86.6 65.8 98.6

85 52.8 45.7 68.5

99 59.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 45.898 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

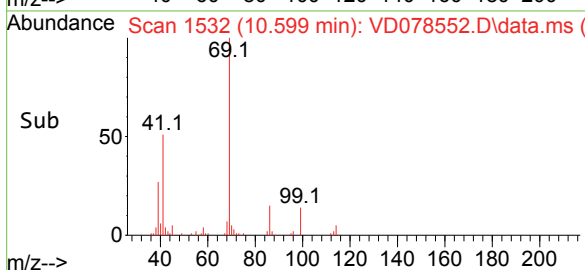
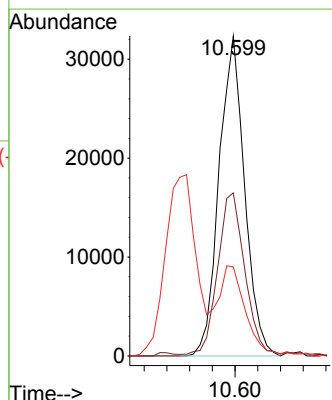
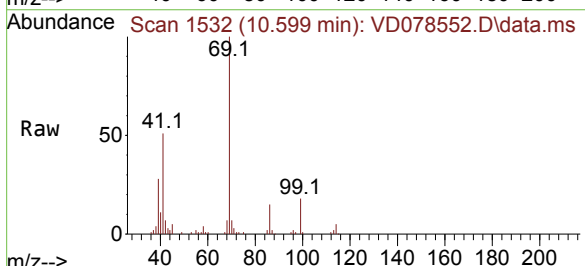
Tgt Ion: 69 Resp: 50501

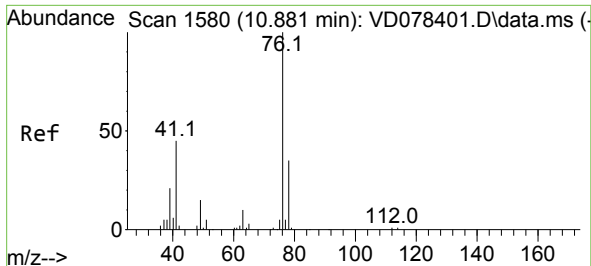
Ion Ratio Lower Upper

69 100

41 55.5 39.1 58.7

39 28.2 20.0 30.0





#57

1,3-Dichloropropane

Concen: 50.339 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

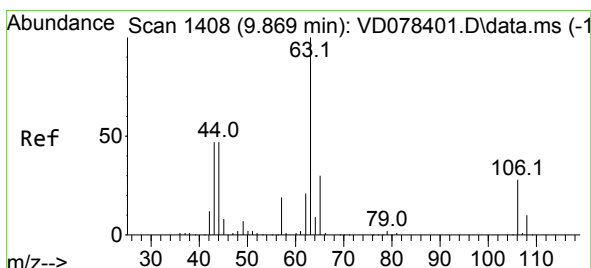
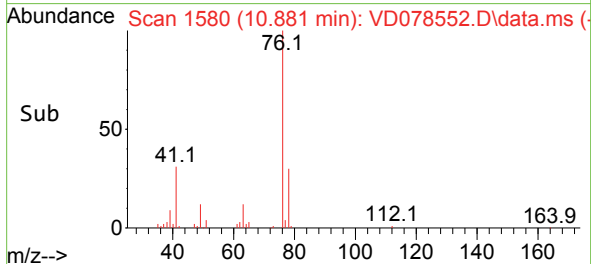
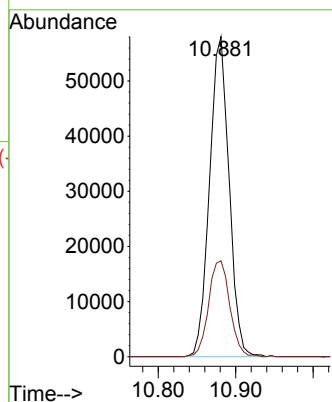
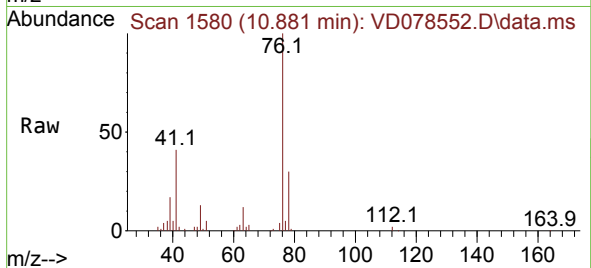
VSTDCCC050EC

Tgt Ion: 76 Resp: 101872

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 236.311 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078552.D

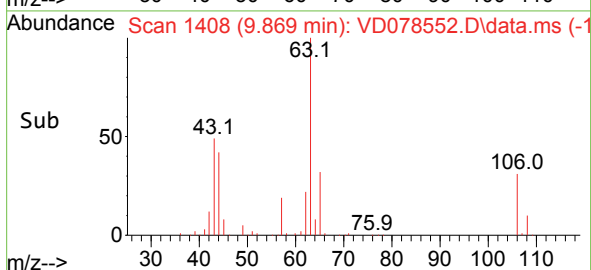
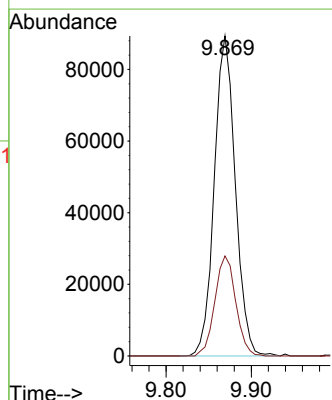
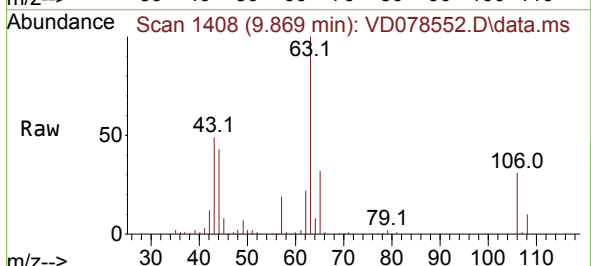
Acq: 26 Feb 2024 17:09

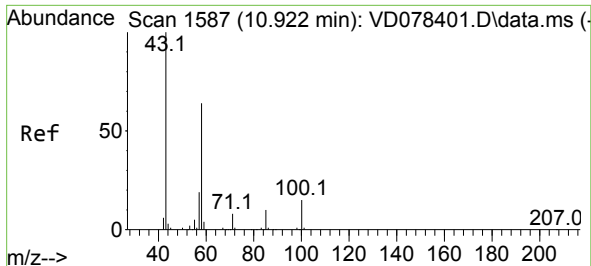
Tgt Ion: 63 Resp: 153155

Ion Ratio Lower Upper

63 100

106 31.1 25.3 37.9

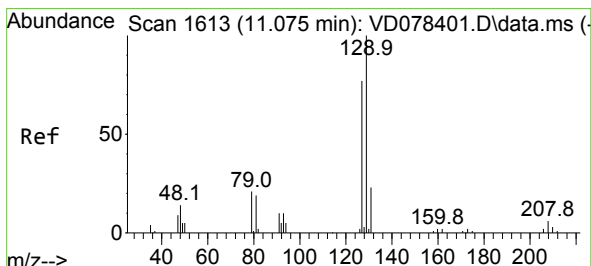
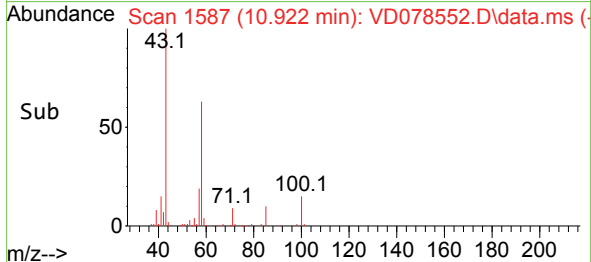
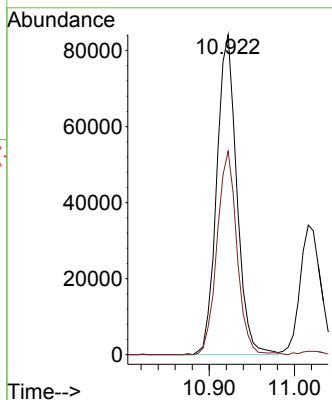
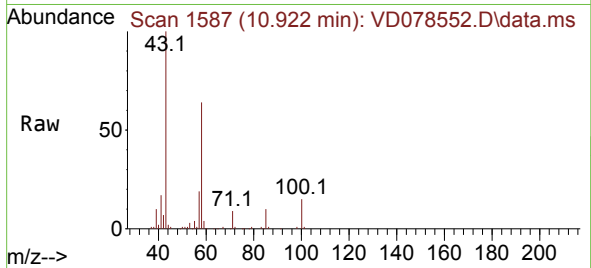




#59
2-Hexanone
Concen: 239.988 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

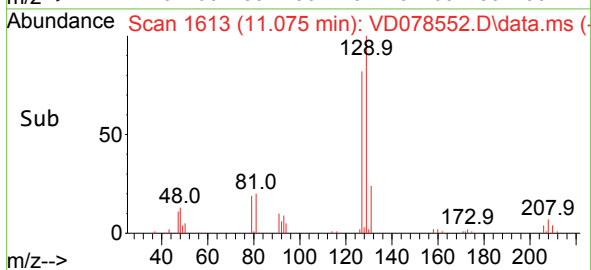
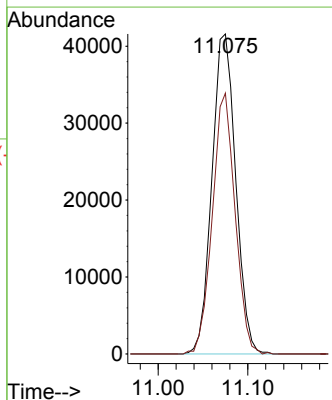
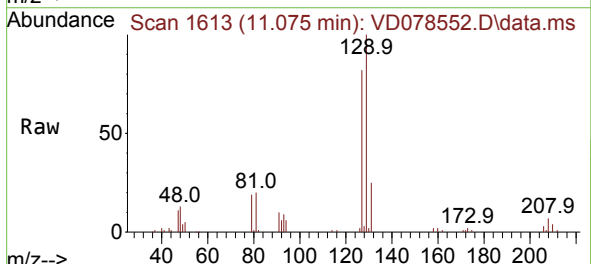
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

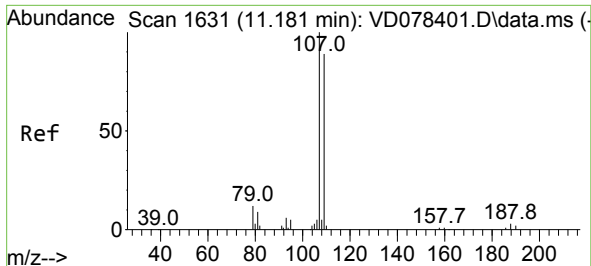
Tgt Ion: 43 Resp: 137608
Ion Ratio Lower Upper
43 100
58 63.2 34.1 102.2



#60
Dibromochloromethane
Concen: 53.489 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 129 Resp: 76563
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

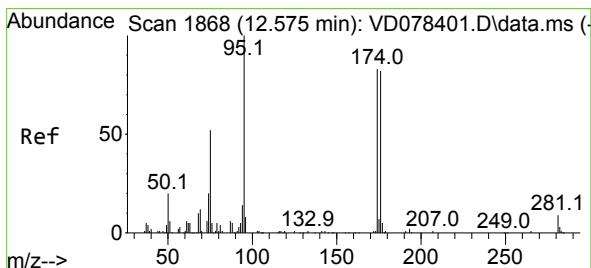
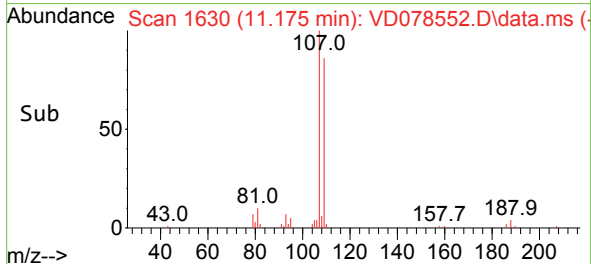
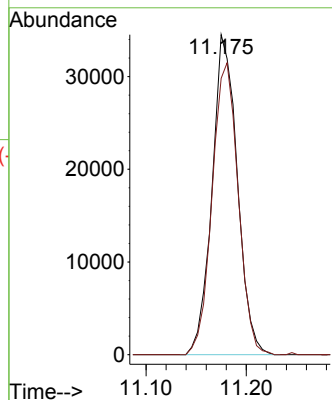
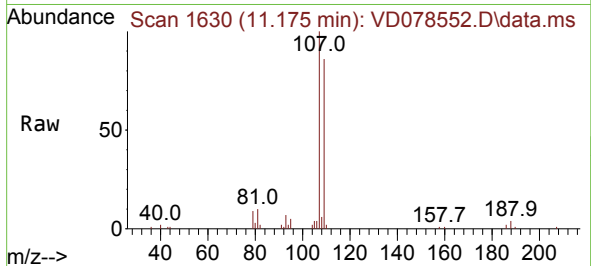




#61
1,2-Dibromoethane
Concen: 53.937 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

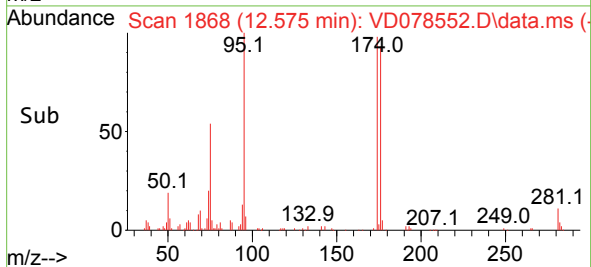
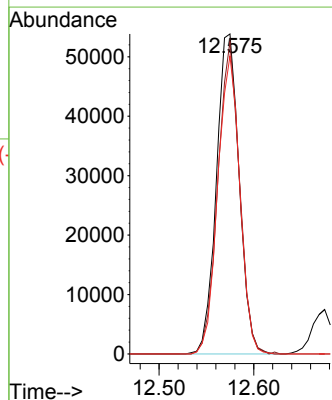
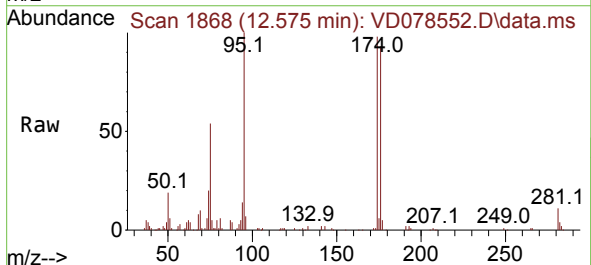
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

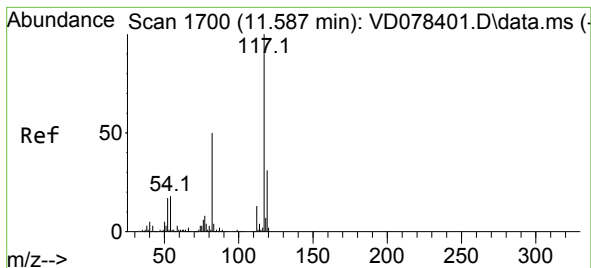
Tgt Ion:107 Resp: 60241
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.237 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 95 Resp: 90008
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 90.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

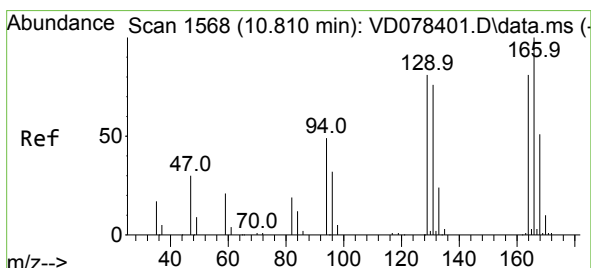
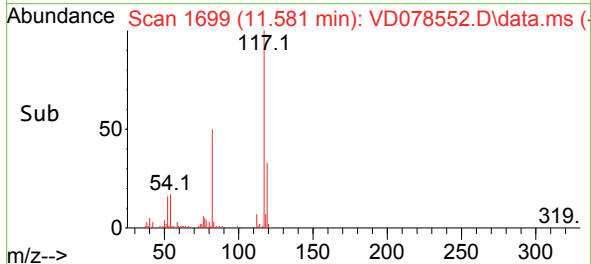
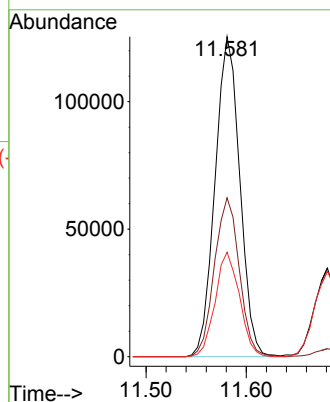
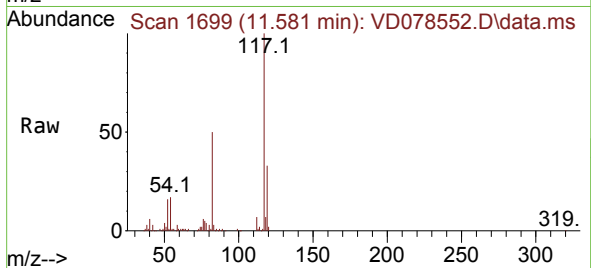
Tgt Ion:117 Resp: 214922

Ion Ratio Lower Upper

117 100

82 49.7 38.3 57.5

119 32.7 25.0 37.4



#64

Tetrachloroethene

Concen: 48.157 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Tgt Ion:164 Resp: 65373

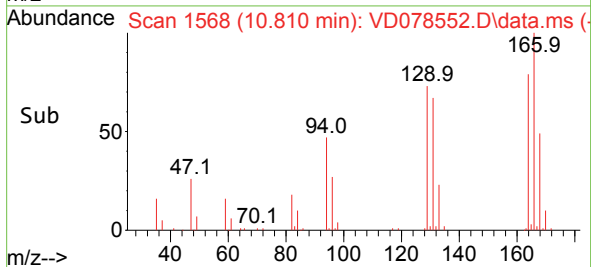
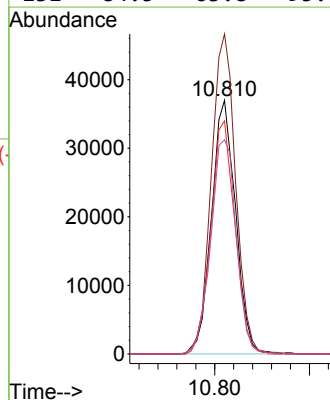
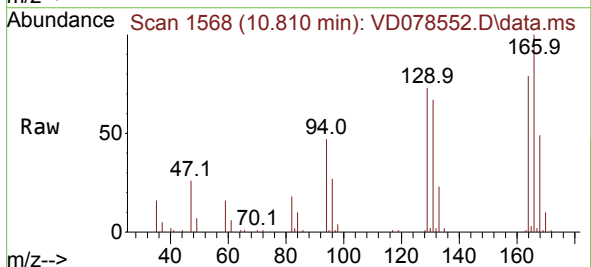
Ion Ratio Lower Upper

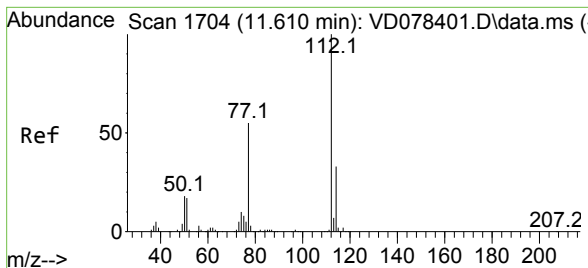
164 100

166 126.2 99.2 148.8

129 91.9 68.4 102.6

131 84.5 63.8 95.8

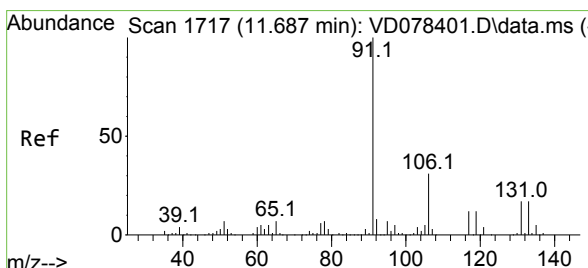
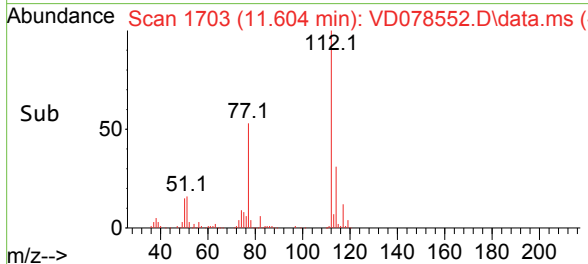
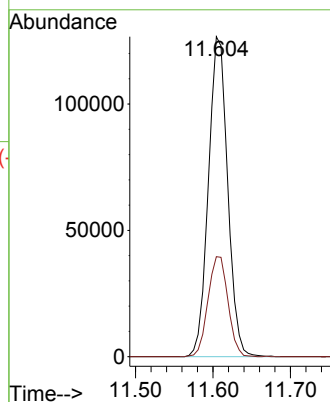
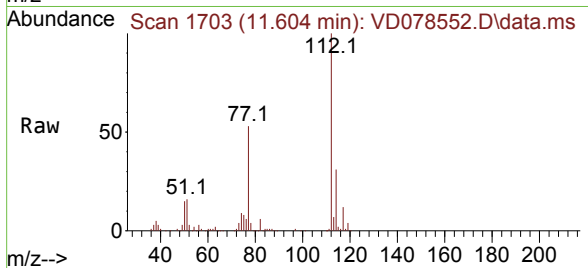




#65
Chlorobenzene
Concen: 50.560 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

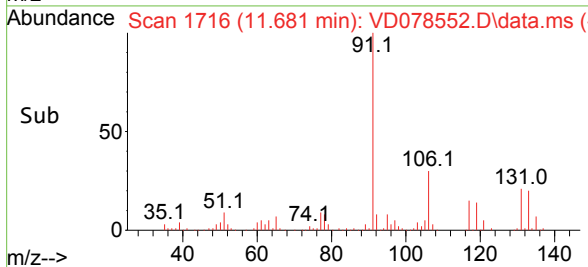
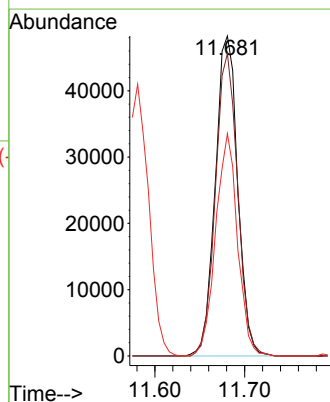
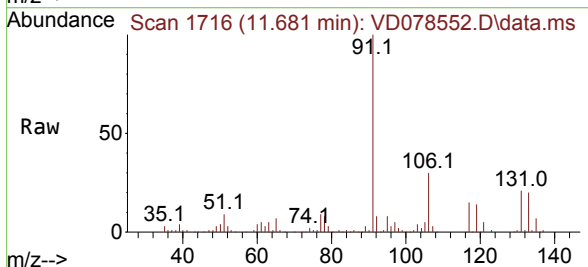
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

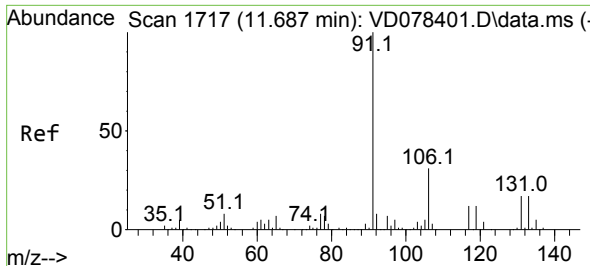
Tgt Ion:112 Resp: 218460
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.681 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion:131 Resp: 83651
Ion Ratio Lower Upper
131 100
133 94.0 48.5 145.5
119 67.8 35.6 106.9

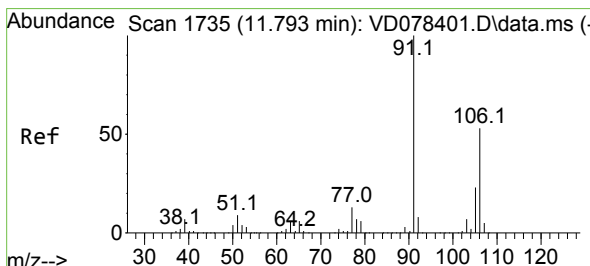
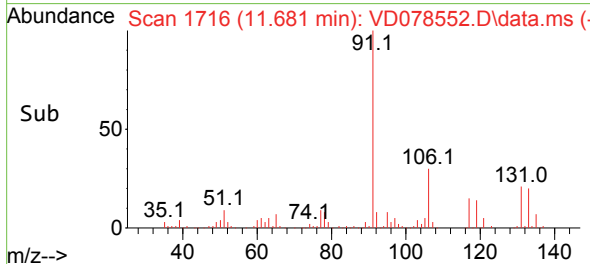
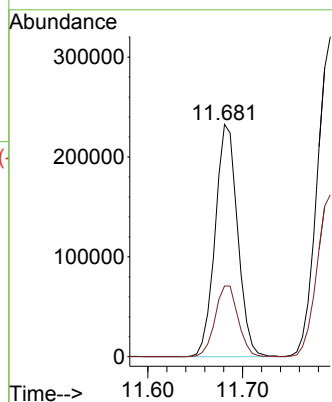
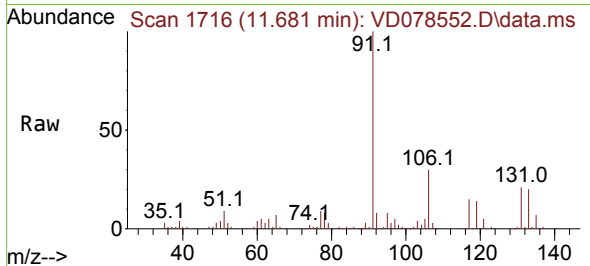




#67
Ethyl Benzene
Concen: 49.515 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

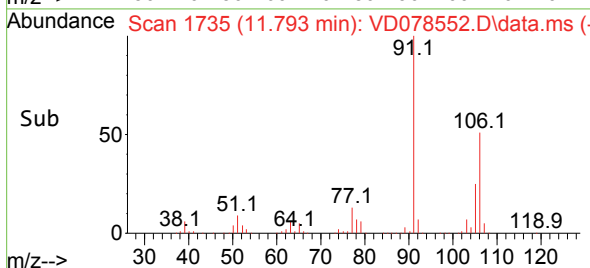
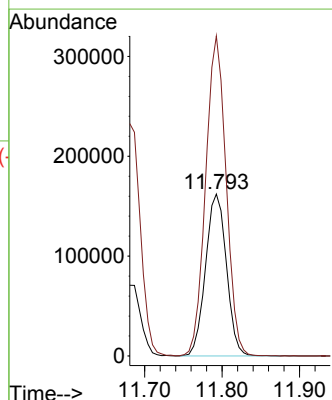
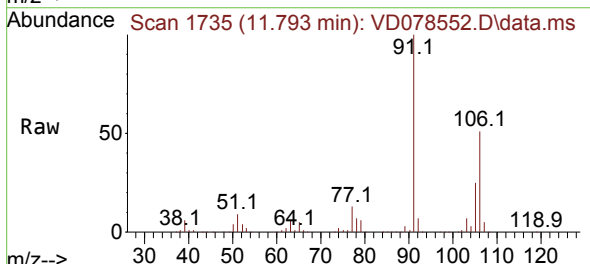
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

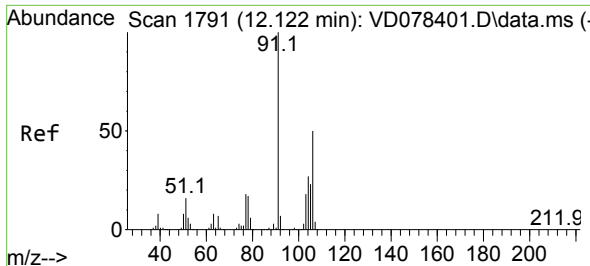
Tgt Ion: 91 Resp: 383335
Ion Ratio Lower Upper
91 100
106 30.4 26.5 39.7



#68
m/p-Xylenes
Concen: 100.643 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion:106 Resp: 303921
Ion Ratio Lower Upper
106 100
91 193.6 147.0 220.6

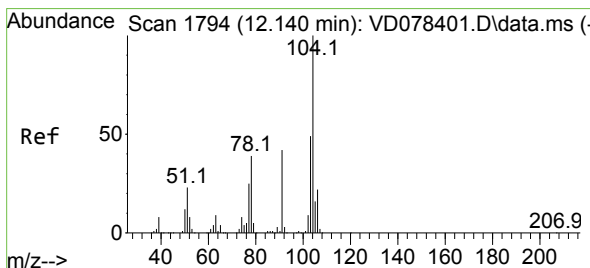
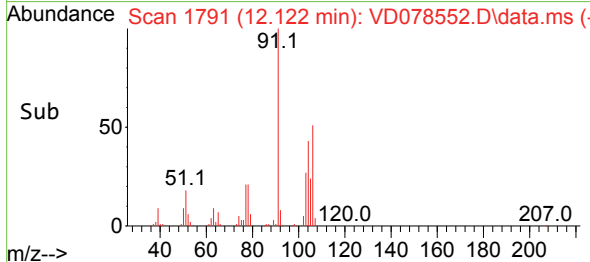
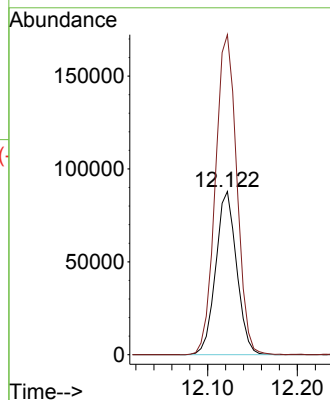
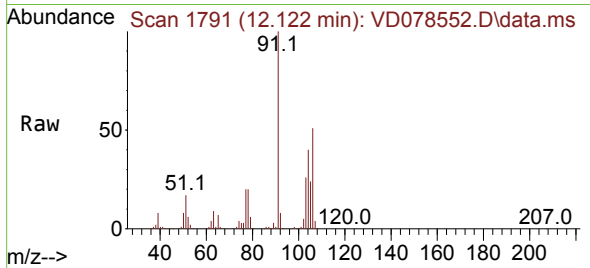




#69
o-Xylene
Concen: 51.541 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

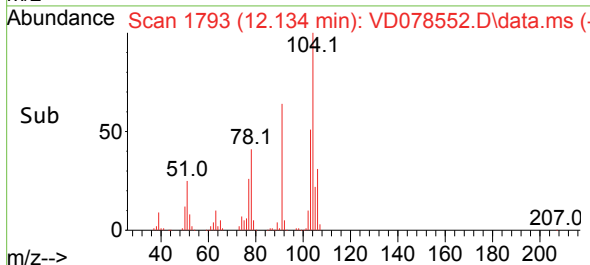
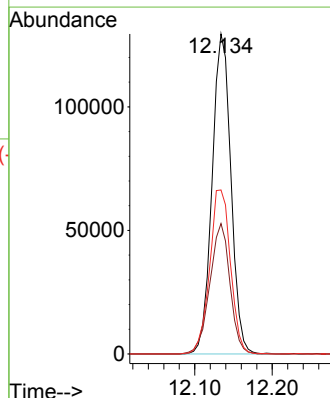
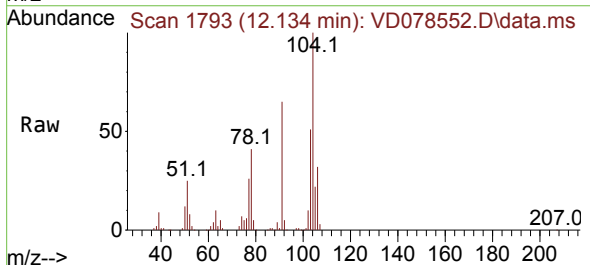
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

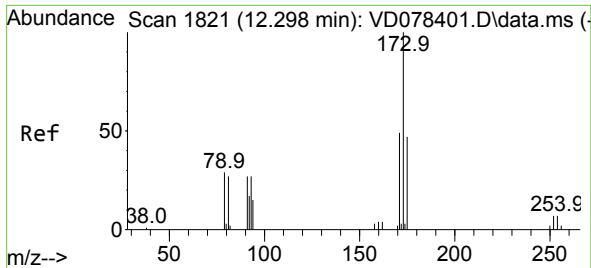
Tgt Ion:106 Resp: 142034
Ion Ratio Lower Upper
106 100
91 200.8 97.9 293.6



#70
Styrene
Concen: 48.649 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion:104 Resp: 218802
Ion Ratio Lower Upper
104 100
78 43.5 33.2 49.8
103 56.7 43.6 65.4

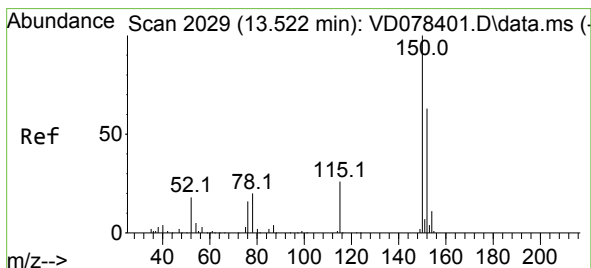
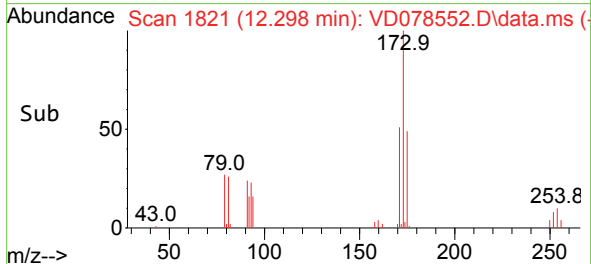
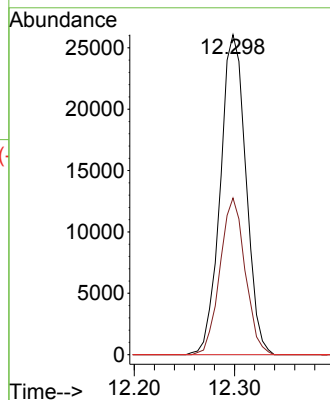
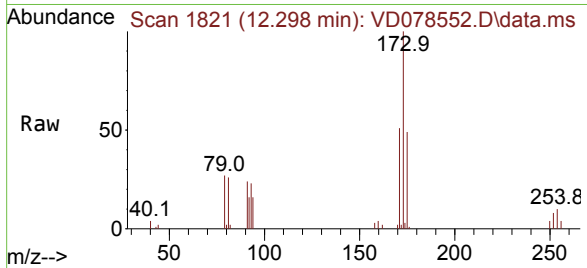




#71
Bromoform
Concen: 55.204 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

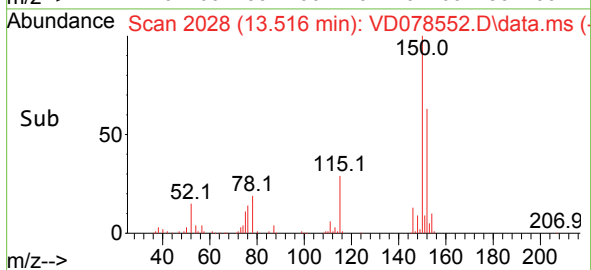
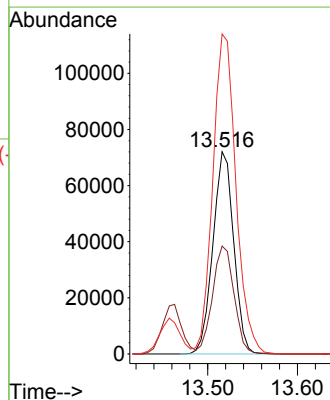
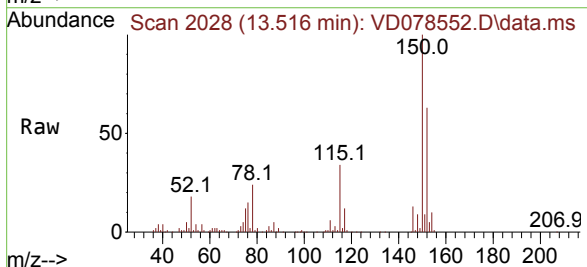
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

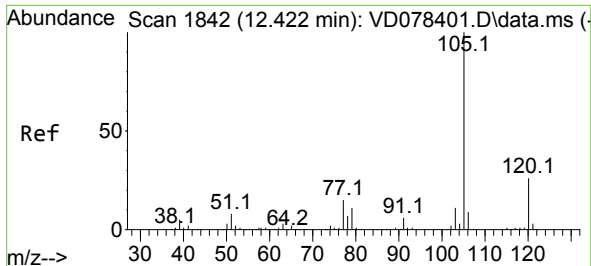
Tgt Ion:173 Resp: 46137
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion:152 Resp: 116034
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 176.0 0.0 353.6

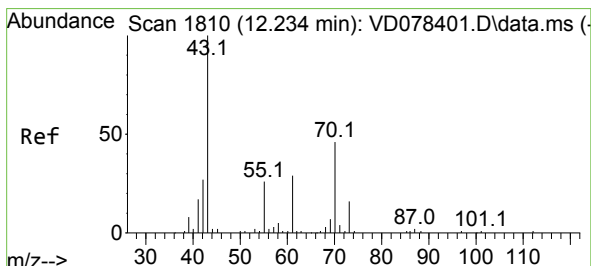
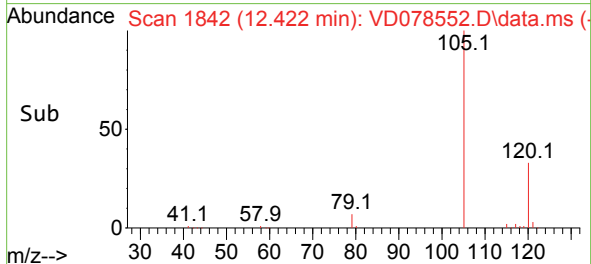
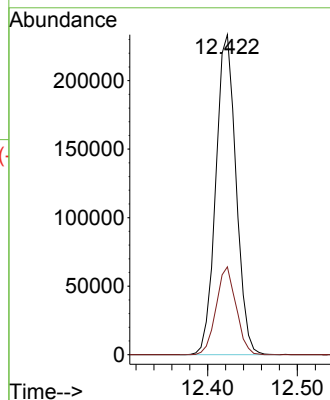
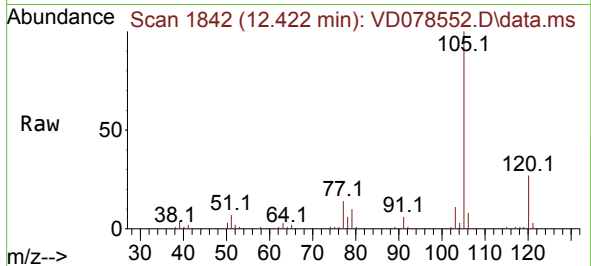




#73
Isopropylbenzene
Concen: 46.893 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

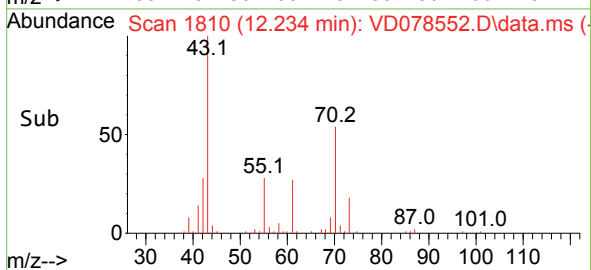
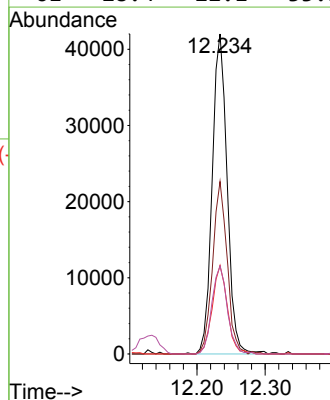
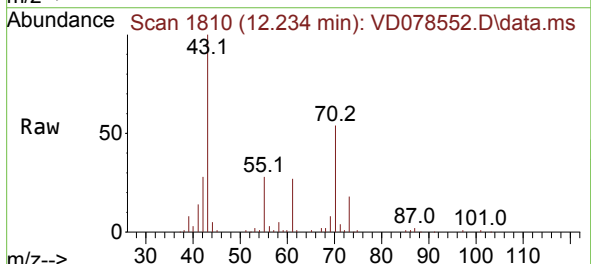
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

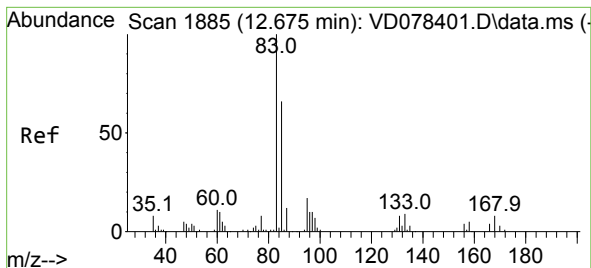
Tgt Ion:105 Resp: 365369
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9



#74
N-ethyl acetate
Concen: 43.534 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 43 Resp: 64171
Ion Ratio Lower Upper
43 100
70 52.1 45.0 67.4
55 28.0 23.8 35.6
61 28.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.736 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

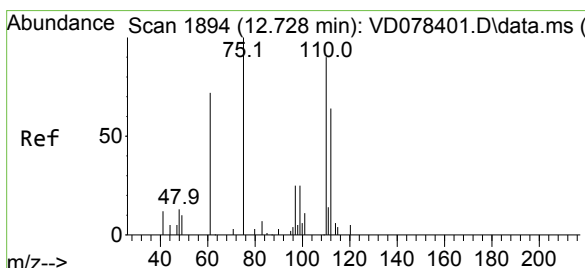
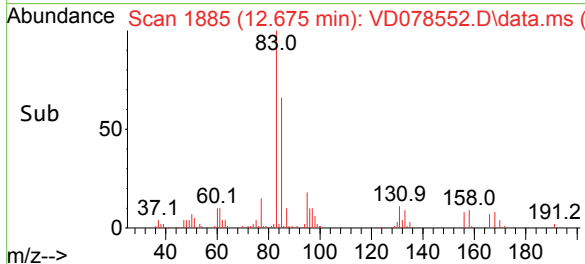
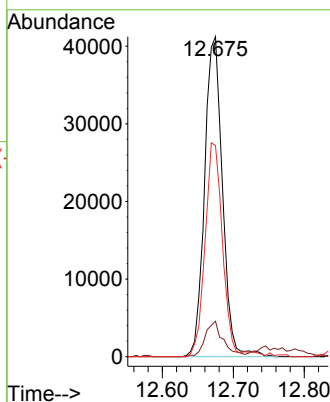
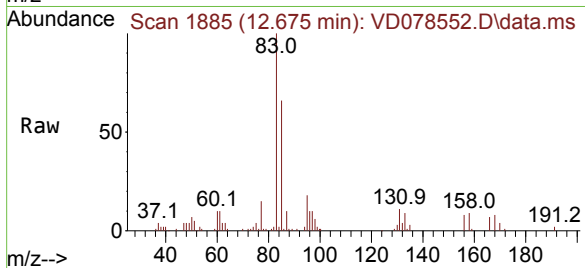
Tgt Ion: 83 Resp: 72234

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 64.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 86.931 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD078552.D

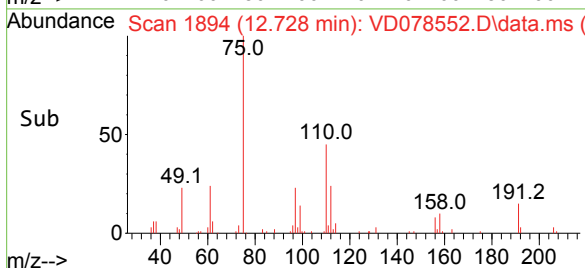
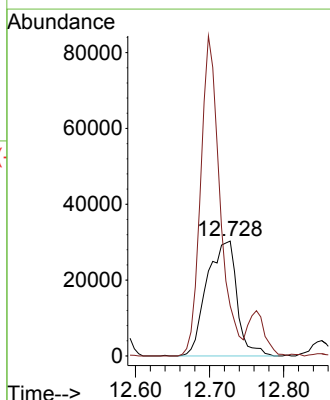
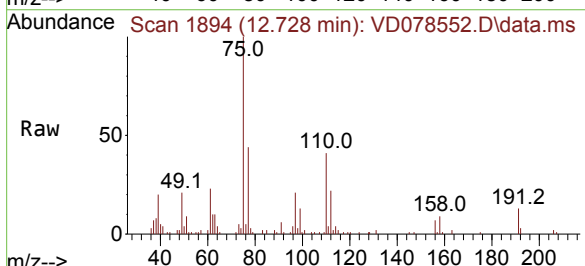
Acq: 26 Feb 2024 17:09

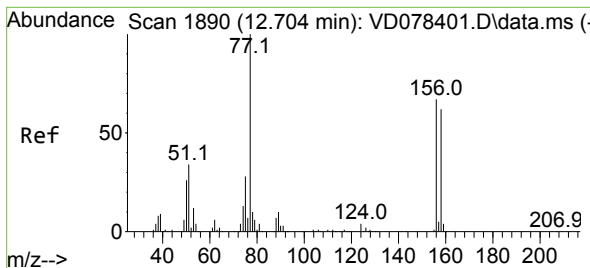
Tgt Ion: 75 Resp: 85635

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.371 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

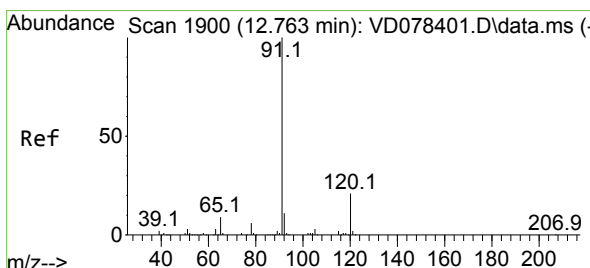
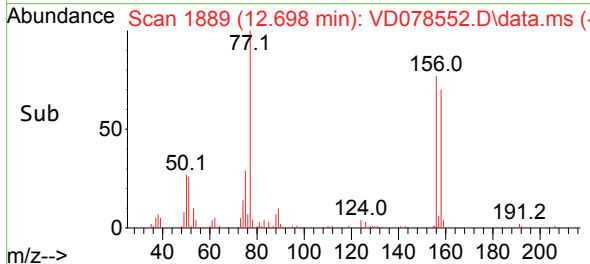
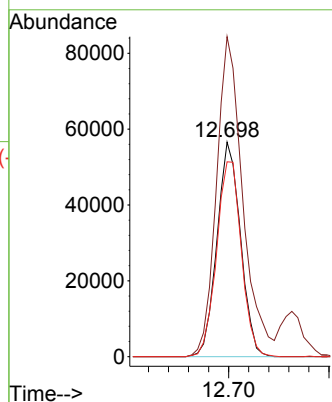
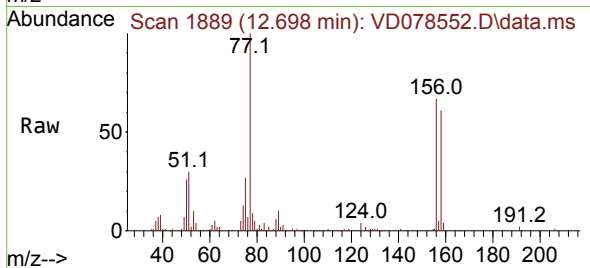
Tgt Ion:156 Resp: 92235

Ion Ratio Lower Upper

156 100

77 166.7 76.8 230.4

158 95.7 48.6 145.9



#78

n-propylbenzene

Concen: 46.494 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078552.D

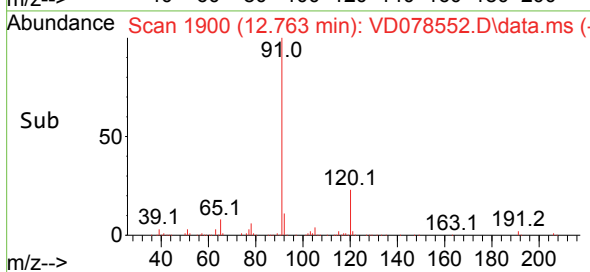
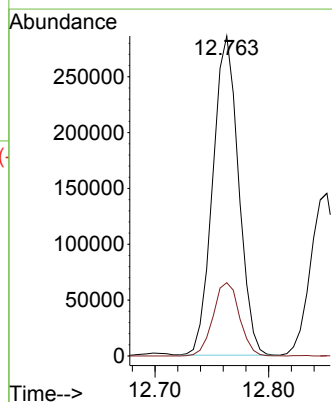
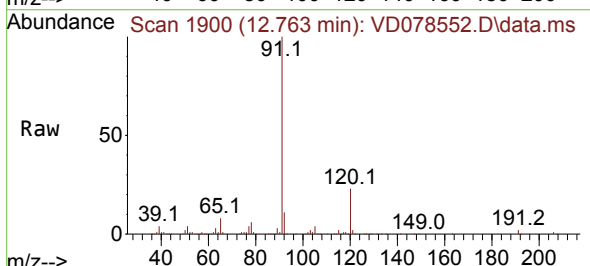
Acq: 26 Feb 2024 17:09

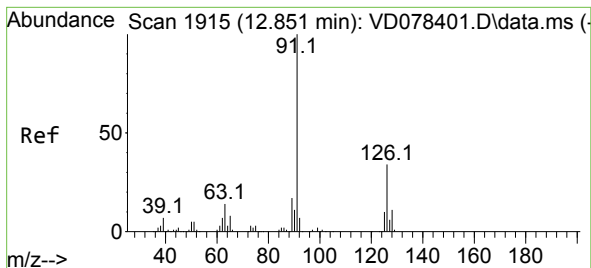
Tgt Ion: 91 Resp: 451442

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2

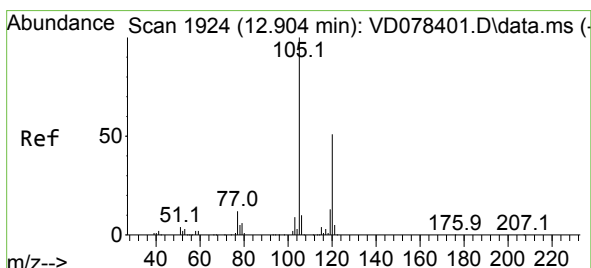
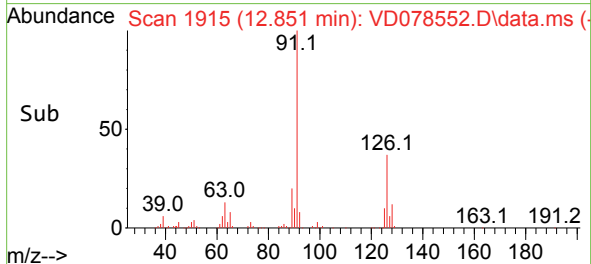
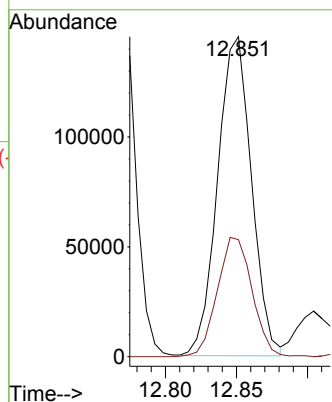
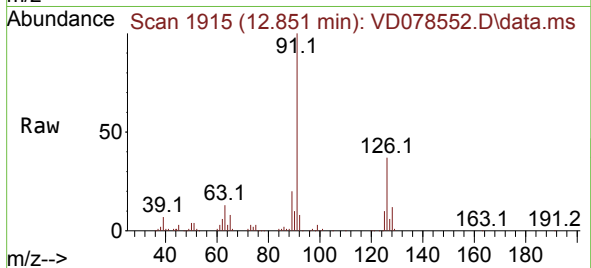




#79
2-Chlorotoluene
Concen: 46.390 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

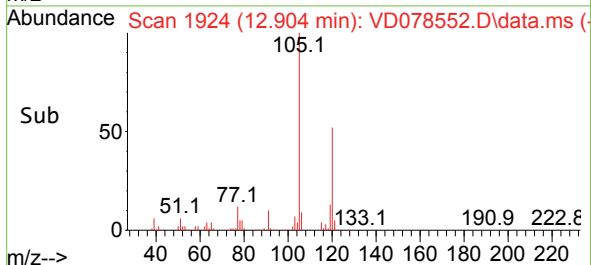
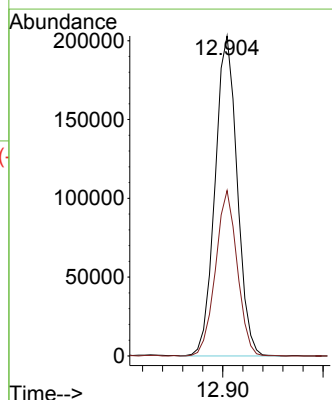
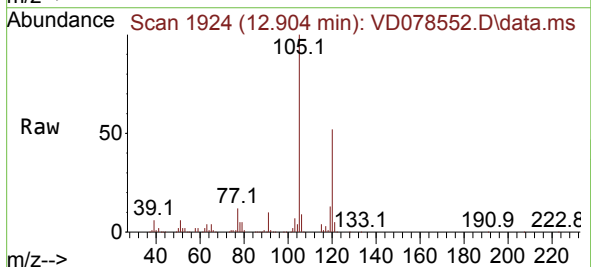
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

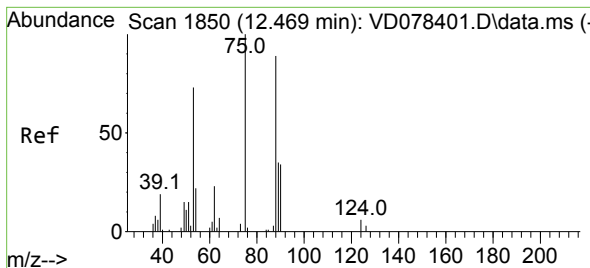
Tgt Ion: 91 Resp: 241256
Ion Ratio Lower Upper
91 100
126 38.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 47.975 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 105 Resp: 310391
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2

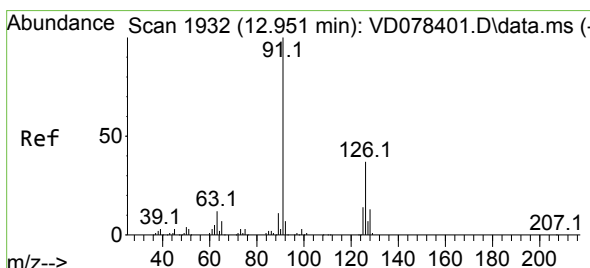
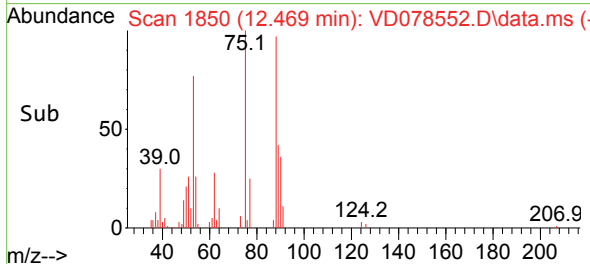
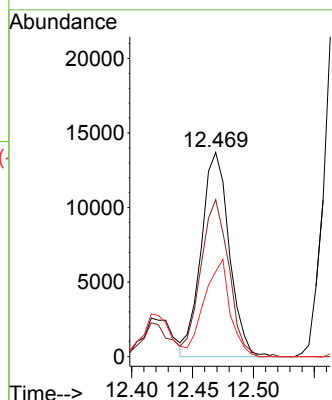
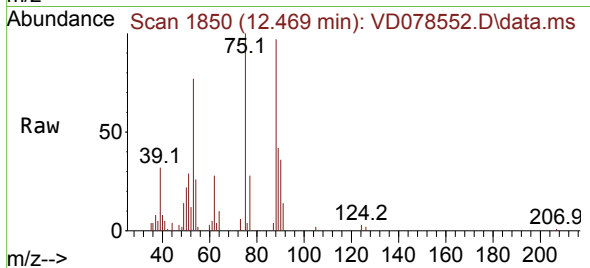




#81
trans-1,4-Dichloro-2-butene
Concen: 46.210 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

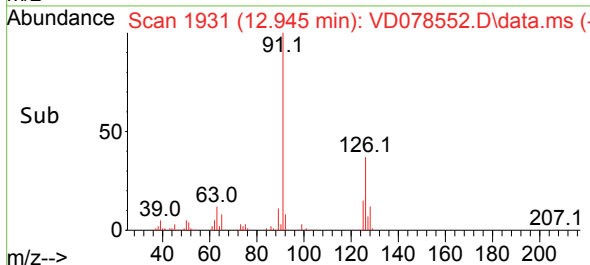
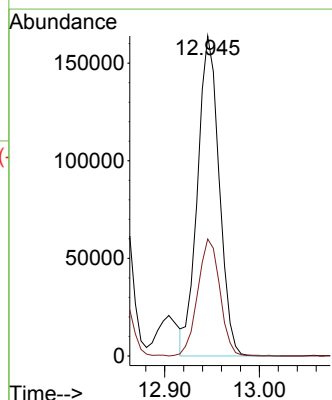
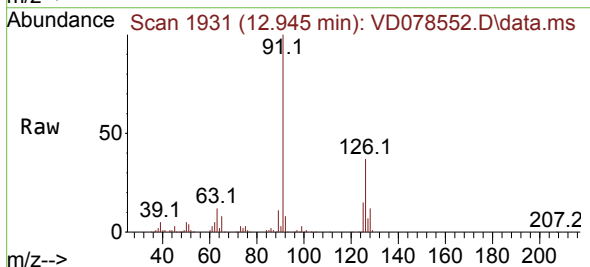
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

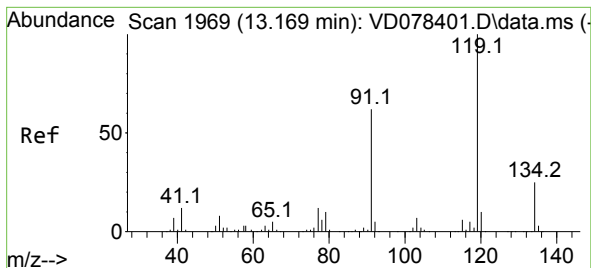
Tgt Ion: 75 Resp: 21927
Ion Ratio Lower Upper
75 100
53 76.9 63.0 94.4
89 43.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 46.612 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078552.D
Acq: 26 Feb 2024 17:09

Tgt Ion: 91 Resp: 260347
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.4





#83

tert-Butylbenzene

Concen: 49.362 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

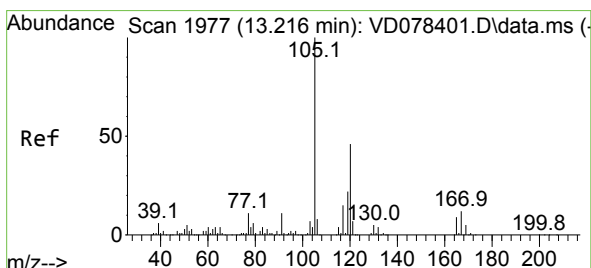
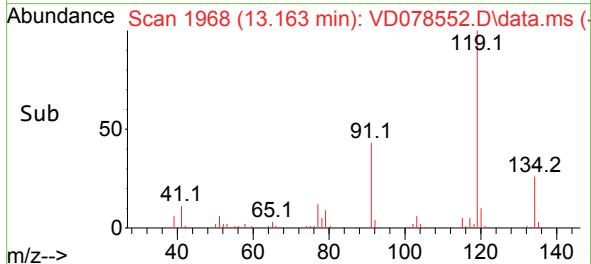
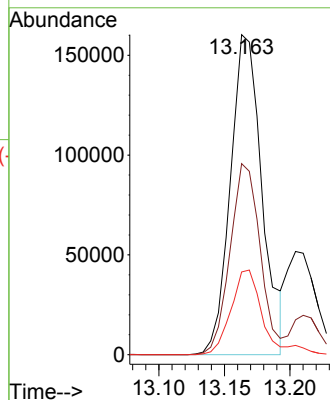
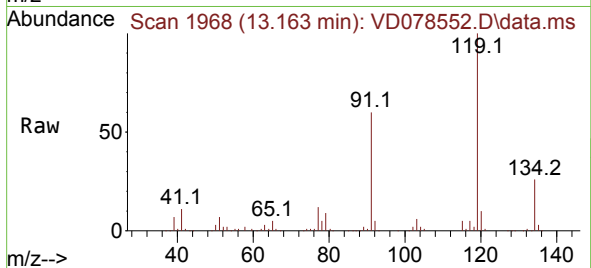
Tgt Ion:119 Resp: 269339

Ion Ratio Lower Upper

119 100

91 56.8 29.3 87.8

134 26.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 48.029 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078552.D

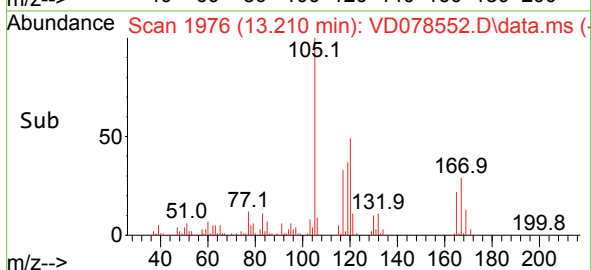
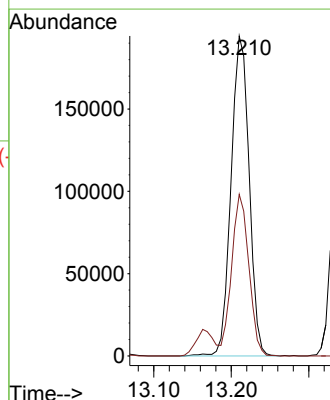
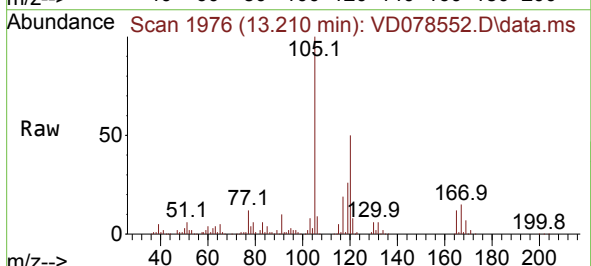
Acq: 26 Feb 2024 17:09

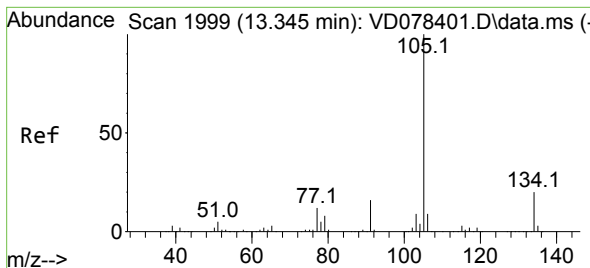
Tgt Ion:105 Resp: 315371

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 45.823 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

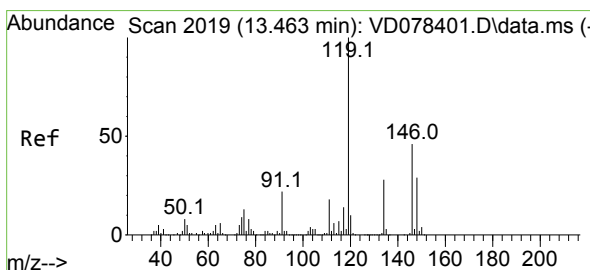
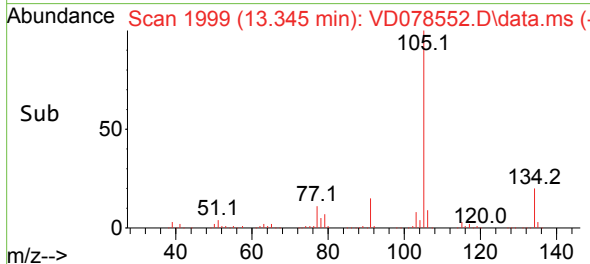
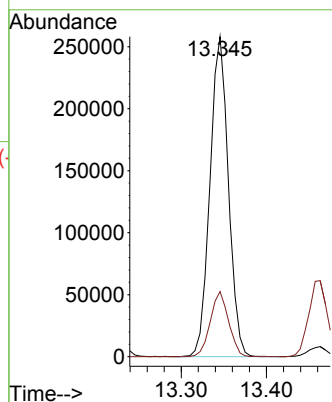
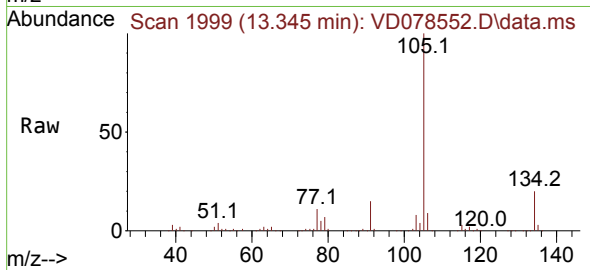
VSTDCCC050EC

Tgt Ion:105 Resp: 387756

Ion Ratio Lower Upper

105 100

134 20.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 48.629 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

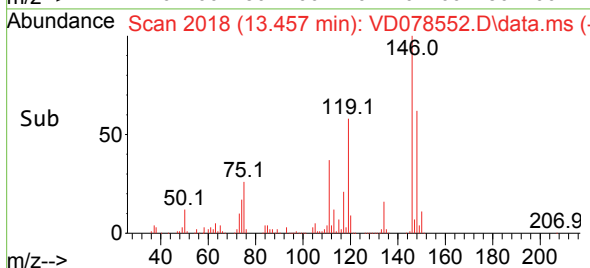
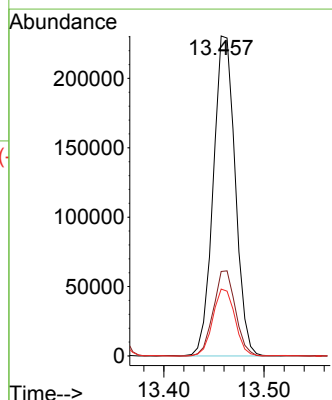
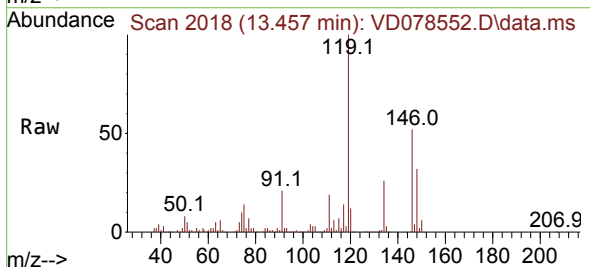
Tgt Ion:119 Resp: 350490

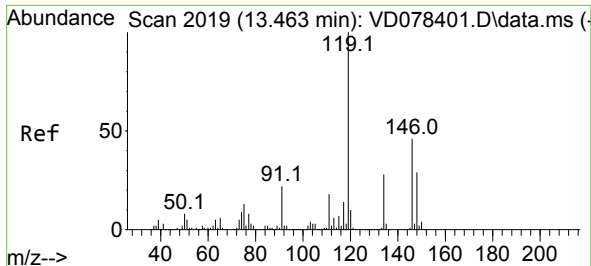
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 21.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 48.626 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

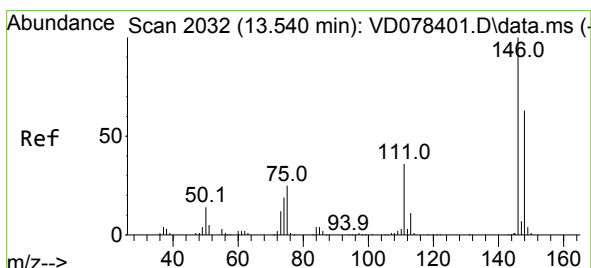
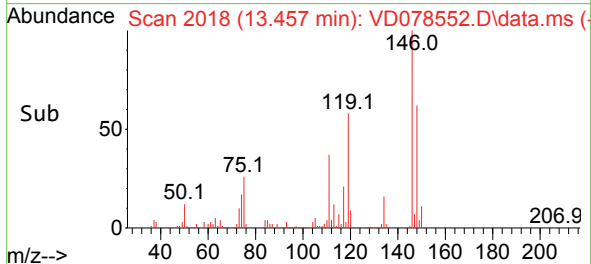
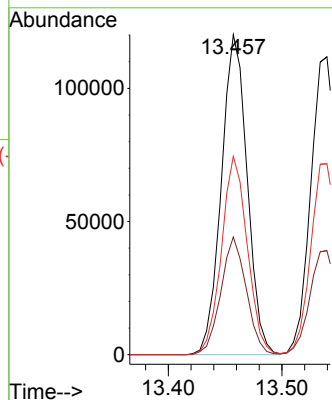
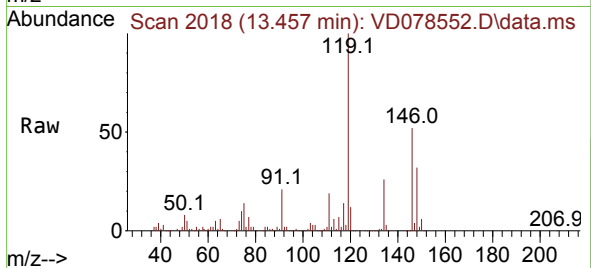
Tgt Ion:146 Resp: 190040

Ion Ratio Lower Upper

146 100

111 36.2 17.9 53.8

148 61.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.487 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

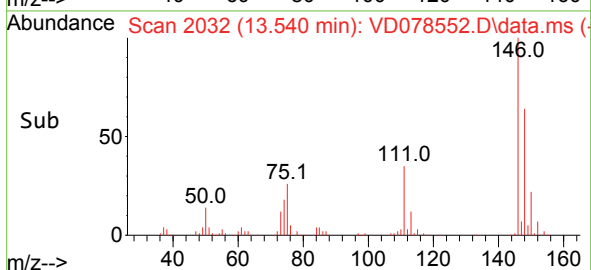
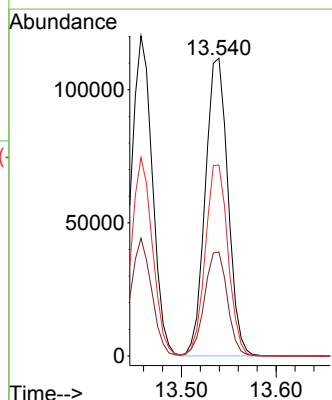
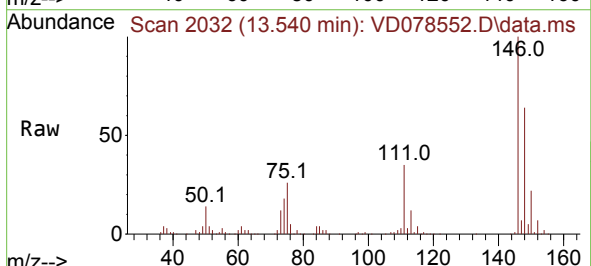
Tgt Ion:146 Resp: 186192

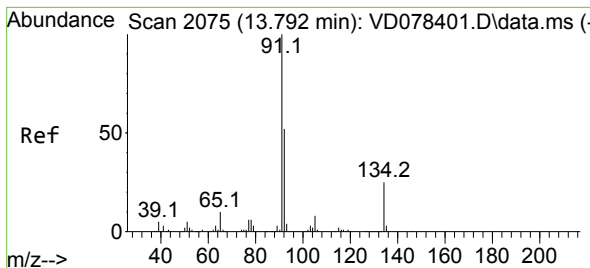
Ion Ratio Lower Upper

146 100

111 35.3 17.4 52.3

148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 45.977 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

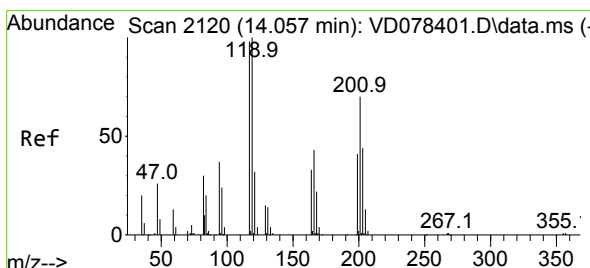
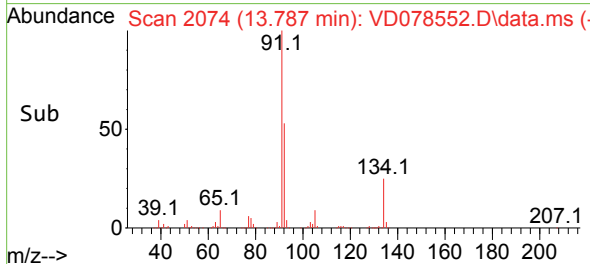
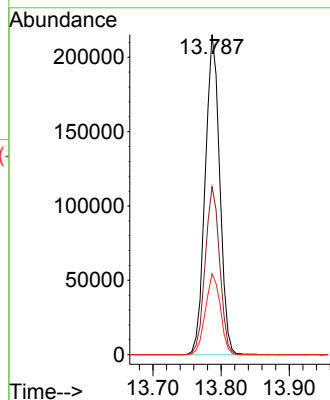
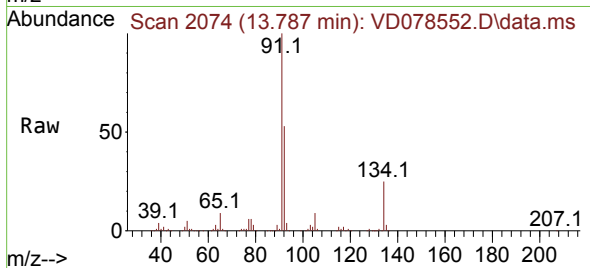
Tgt Ion: 91 Resp: 319400

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 46.668 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078552.D

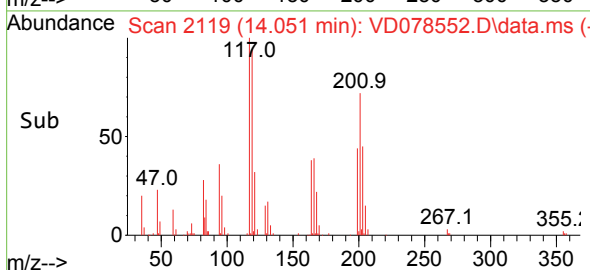
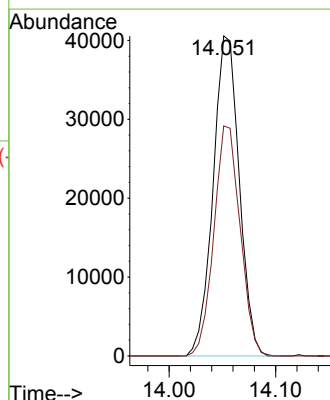
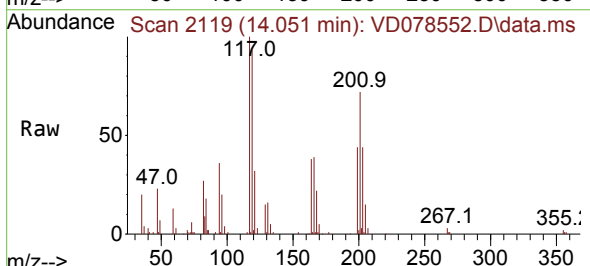
Acq: 26 Feb 2024 17:09

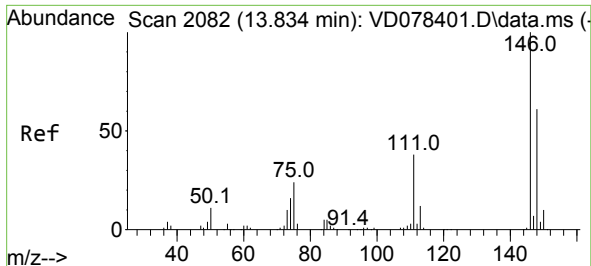
Tgt Ion: 117 Resp: 69132

Ion Ratio Lower Upper

117 100

201 72.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 50.868 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

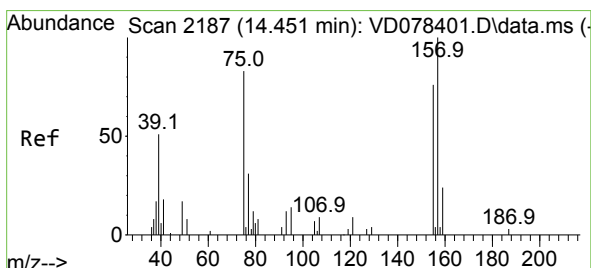
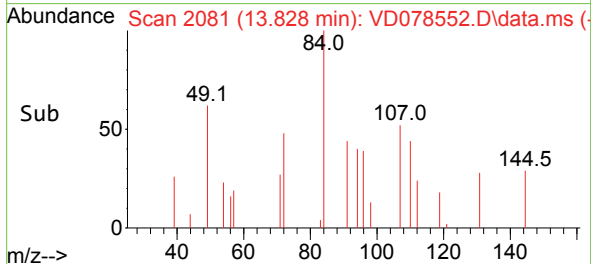
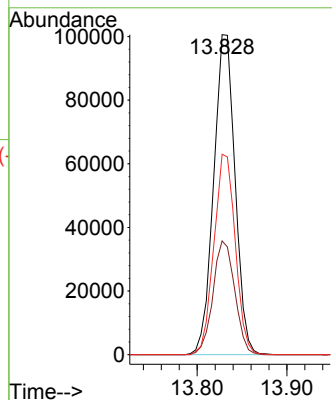
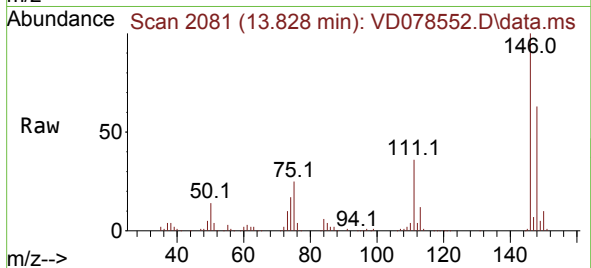
Tgt Ion:146 Resp: 166942

Ion Ratio Lower Upper

146 100

111 36.2 18.3 54.8

148 62.6 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.307 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

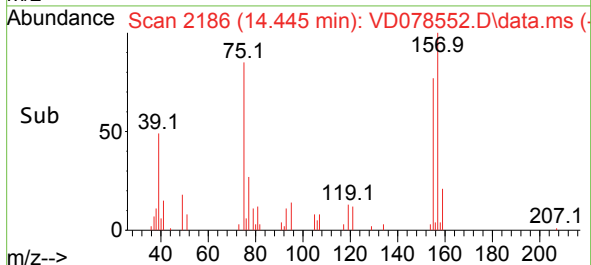
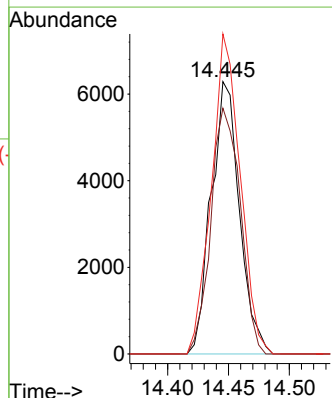
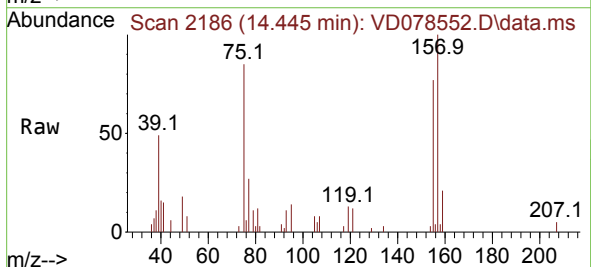
Tgt Ion: 75 Resp: 10181

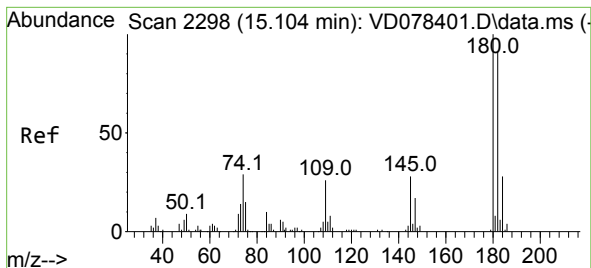
Ion Ratio Lower Upper

75 100

155 94.0 47.9 143.8

157 119.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.159 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

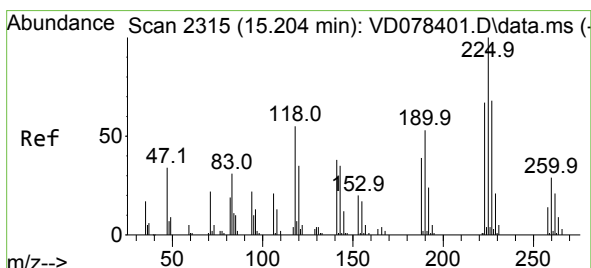
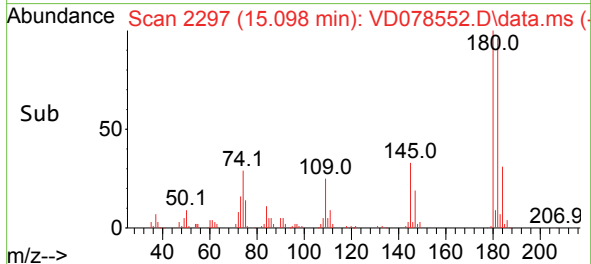
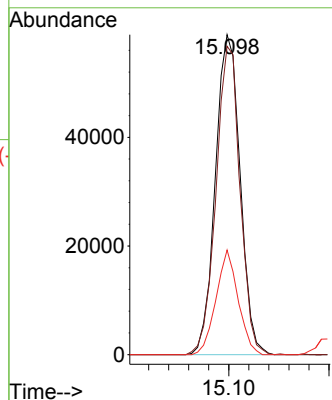
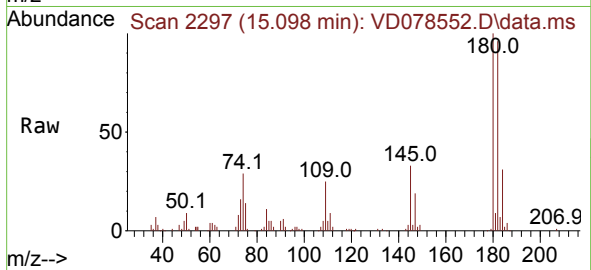
Tgt Ion:180 Resp: 100602

Ion Ratio Lower Upper

180 100

182 93.8 48.5 145.6

145 29.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.596 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

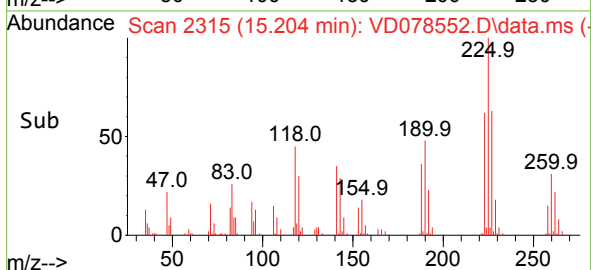
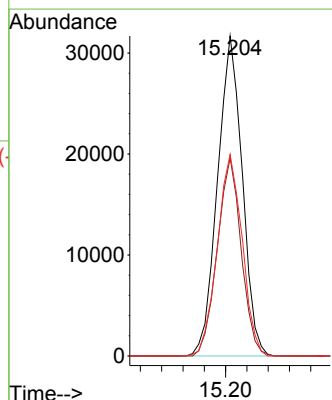
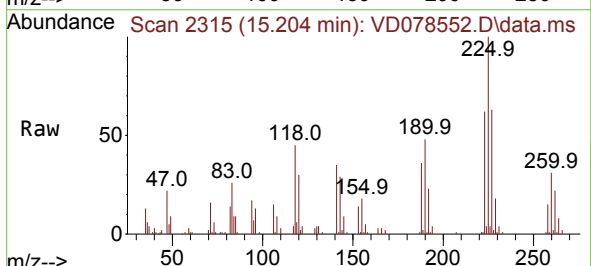
Tgt Ion:225 Resp: 50937

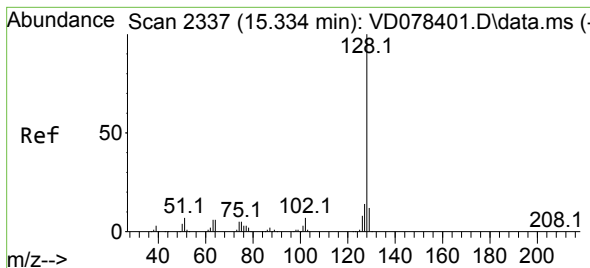
Ion Ratio Lower Upper

225 100

223 59.9 31.6 94.8

227 63.5 31.7 95.1





#95

Naphthalene

Concen: 54.667 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

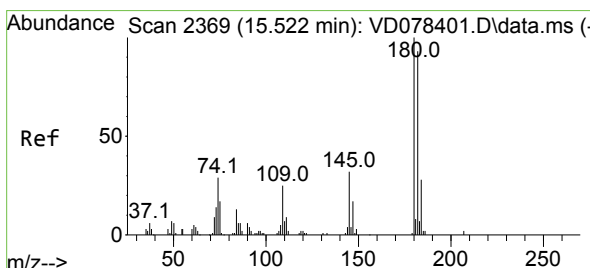
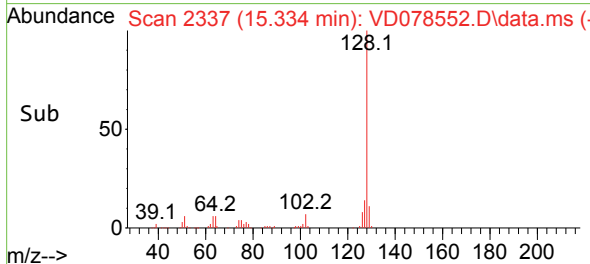
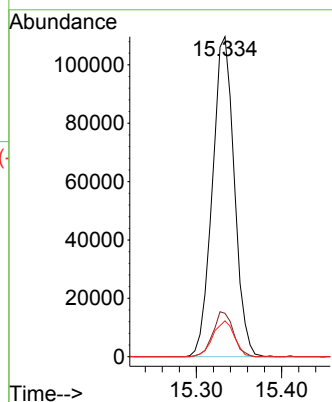
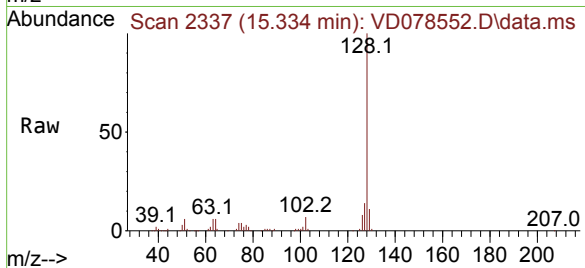
Tgt Ion:128 Resp: 195562

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.268 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078552.D

Acq: 26 Feb 2024 17:09

Tgt Ion:180 Resp: 90341

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 30.1 15.1 45.3

