

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078678.D
 Acq On : 15 Mar 2024 09:48
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 16 05:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	127140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57014	47.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.804	113	66128	49.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.269	98	245918	50.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.575	95	73505	51.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	60618	51.228	ug/l	92
3) Chloromethane	2.152	50	97621	52.249	ug/l	96
4) Vinyl Chloride	2.287	62	146081	53.002	ug/l	100
5) Bromomethane	2.693	94	129594	49.109	ug/l	100
6) Chloroethane	2.840	64	114079	53.074	ug/l	97
7) Trichlorofluoromethane	3.175	101	110022	50.458	ug/l	99
8) Diethyl Ether	3.599	74	33912	53.268	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.963	101	69161	50.540	ug/l	97
10) Methyl Iodide	4.169	142	80246	49.574	ug/l	96
11) Tert butyl alcohol	5.052	59	15139	283.911	ug/l	97
12) 1,1-Dichloroethene	3.934	96	66867	51.402	ug/l	99
13) Acrolein	3.799	56	19704	235.891	ug/l	99
14) Allyl chloride	4.563	41	72034	49.627	ug/l	97
15) Acrylonitrile	5.258	53	65190	254.016	ug/l	94
16) Acetone	4.022	43	66779	289.832	ug/l	100
17) Carbon Disulfide	4.269	76	217508	51.004	ug/l	99
18) Methyl Acetate	4.563	43	28043	56.713	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	139230	53.072	ug/l	100
20) Methylene Chloride	4.805	84	80084	51.088	ug/l	88
21) trans-1,2-Dichloroethene	5.316	96	79891	52.047	ug/l	95
22) Diisopropyl ether	6.216	45	174001	52.726	ug/l	96
23) Vinyl Acetate	6.152	43	523464	271.172	ug/l	97
24) 1,1-Dichloroethane	6.110	63	126779	51.240	ug/l	98
25) 2-Butanone	7.081	43	81711	266.744	ug/l	98
26) 2,2-Dichloropropane	7.075	77	107528	51.367	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	89323	51.020	ug/l	97
28) Bromochloromethane	7.422	49	50218	56.930	ug/l	100
29) Tetrahydrofuran	7.440	42	44608	267.735	ug/l	98
30) Chloroform	7.593	83	141383	51.250	ug/l	99
31) Cyclohexane	7.875	56	97328	48.598	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	119355	50.993	ug/l	98
36) 1,1-Dichloropropene	8.004	75	104174	54.170	ug/l	99
37) Ethyl Acetate	7.169	43	34769	55.343	ug/l	97
38) Carbon Tetrachloride	7.993	117	108893	53.711	ug/l	98
39) Methylcyclohexane	9.275	83	118995	53.341	ug/l	99
40) Benzene	8.252	78	309702	53.275	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	18231	55.375	ug/l	95
42) 1,2-Dichloroethane	8.322	62	77796	54.876	ug/l	99
43) Isopropyl Acetate	8.357	43	61995	54.261	ug/l #	82
44) Trichloroethene	9.028	130	84826	53.769	ug/l	81
45) 1,2-Dichloropropane	9.304	63	73614	53.381	ug/l	97
46) Dibromomethane	9.393	93	44849	54.254	ug/l	96
47) Bromodichloromethane	9.581	83	107989	54.875	ug/l	94
48) Methyl methacrylate	9.381	41	31281	56.190	ug/l	94
49) 1,4-Dioxane	9.387	88	8893	1161.890	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	167811	280.945	ug/l	99
52) Toluene	10.334	92	205975	55.035	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	96328	53.537	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	116883	54.037	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	59818	54.037	ug/l	94
56) Ethyl methacrylate	10.598	69	60648	54.651	ug/l	96
57) 1,3-Dichloropropane	10.881	76	99025	55.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	103210	210.923	ug/l	99
59) 2-Hexanone	10.922	43	128987	291.305	ug/l	98
60) Dibromochloromethane	11.075	129	74547	54.607	ug/l	100
61) 1,2-Dibromoethane	11.175	107	56278	52.533	ug/l	99
64) Tetrachloroethene	10.804	164	68159	52.282	ug/l	93
65) Chlorobenzene	11.604	112	215527	52.354	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	80905	53.662	ug/l	99
67) Ethyl Benzene	11.681	91	389148	55.472	ug/l	97
68) m/p-Xylenes	11.792	106	314426	110.377	ug/l	98
69) o-Xylene	12.122	106	145986	55.388	ug/l	99
70) Styrene	12.134	104	251314	56.809	ug/l	98
71) Bromoform	12.298	173	42973	52.742	ug/l #	97
73) Isopropylbenzene	12.422	105	361094	52.364	ug/l	99
74) N-amyl acetate	12.234	43	60367	53.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	67068	52.539	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	79915	99.037	ug/l #	100
77) Bromobenzene	12.698	156	90206	52.748	ug/l	98
78) n-propylbenzene	12.763	91	453422	54.019	ug/l	100
79) 2-Chlorotoluene	12.851	91	241341	52.412	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	310344	54.423	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	20269	52.653	ug/l	98
82) 4-Chlorotoluene	12.945	91	257289	52.827	ug/l	98
83) tert-Butylbenzene	13.163	119	266647	54.230	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	321463	55.939	ug/l	99
85) sec-Butylbenzene	13.345	105	405551	54.503	ug/l	99
86) p-Isopropyltoluene	13.457	119	359241	56.396	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	195643	54.212	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	190276	53.499	ug/l	98
89) n-Butylbenzene	13.787	91	319967	55.619	ug/l	99
90) Hexachloroethane	14.051	117	69342	52.609	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	163556	52.621	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7723	45.225	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	95244	52.507	ug/l	97
94) Hexachlorobutadiene	15.198	225	51721	52.667	ug/l	98
95) Naphthalene	15.333	128	172185	54.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	83817	53.411	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

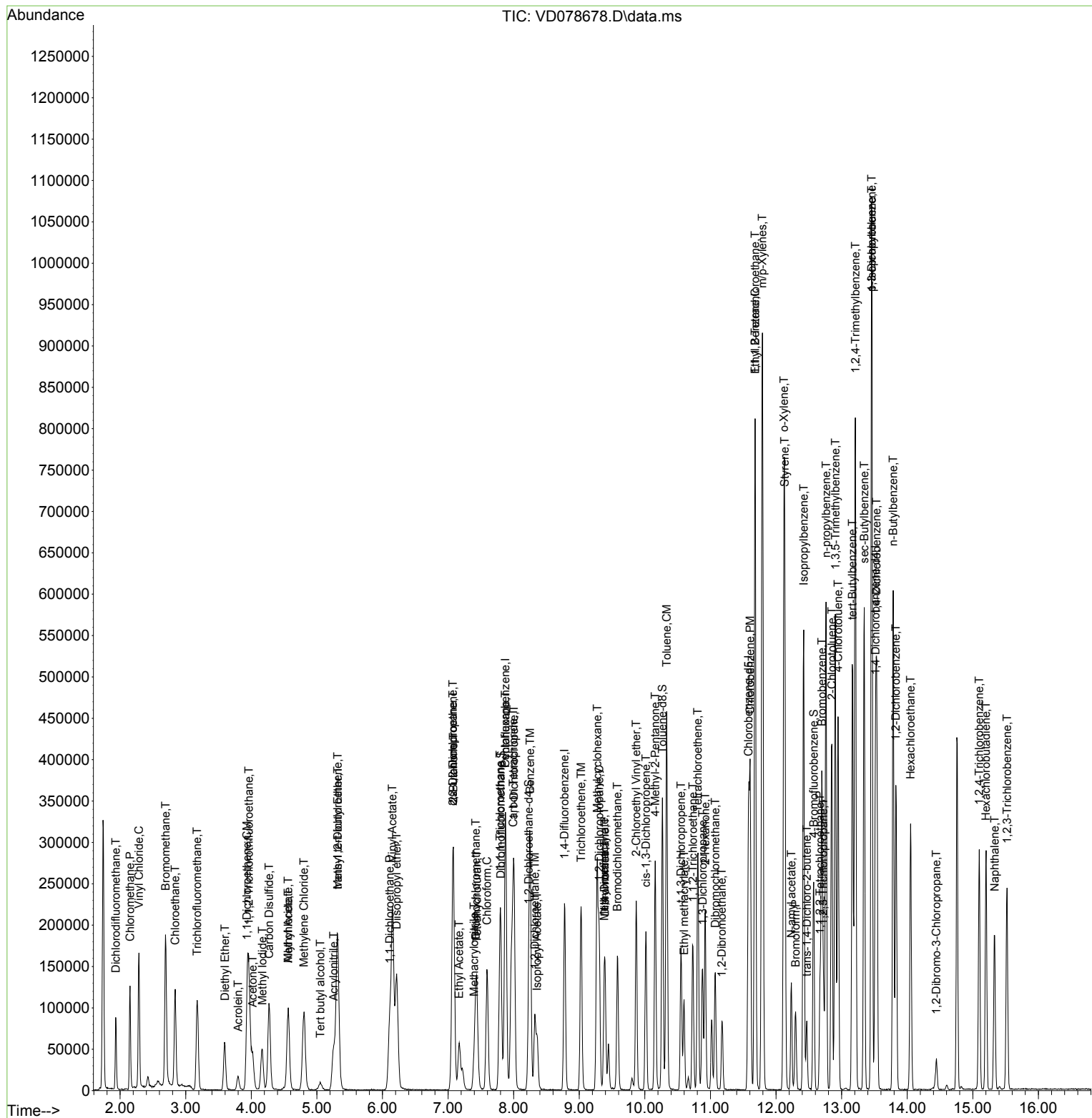
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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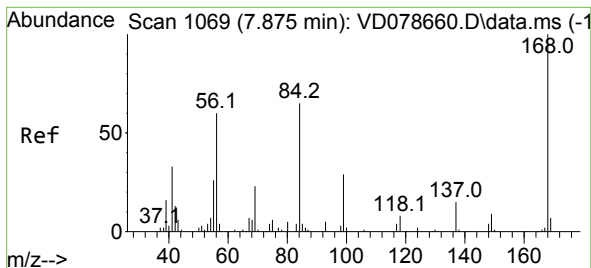
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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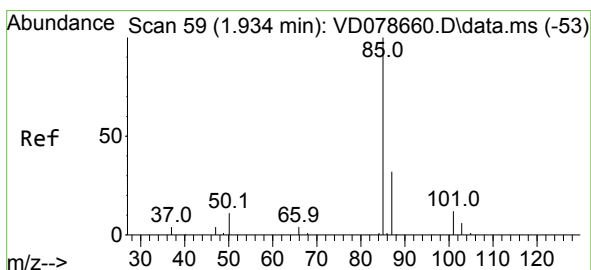
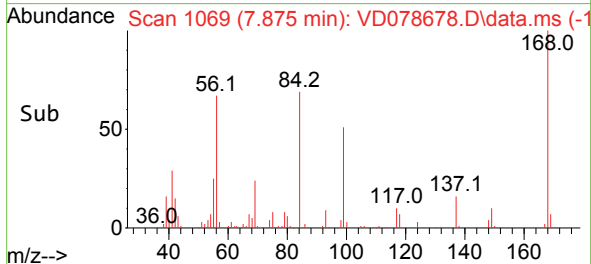
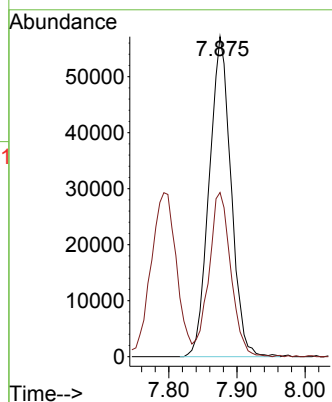
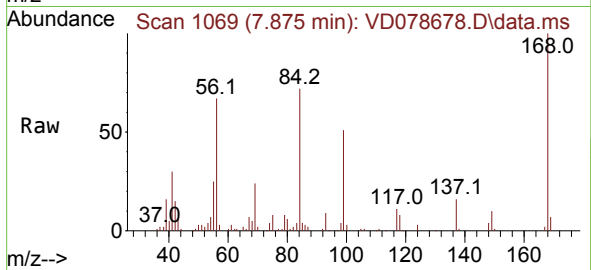




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078678.D
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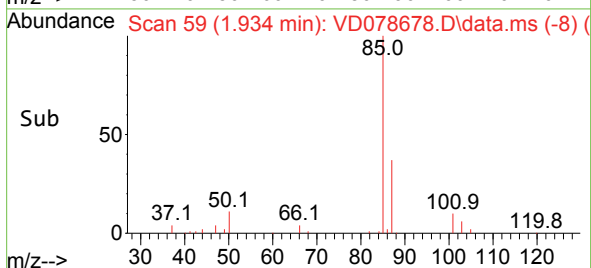
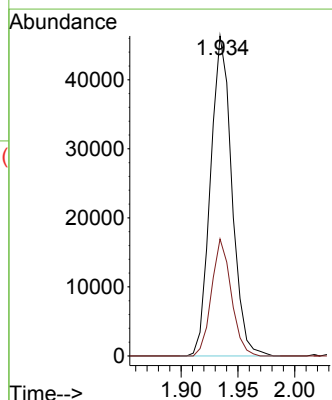
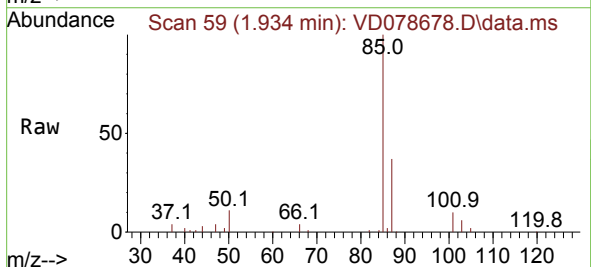
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

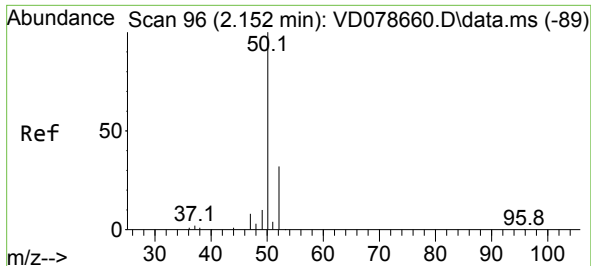
Tgt Ion:168 Resp: 127140
Ion Ratio Lower Upper
168 100
99 50.9 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 51.228 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 85 Resp: 60618
Ion Ratio Lower Upper
85 100
87 36.5 16.2 48.5

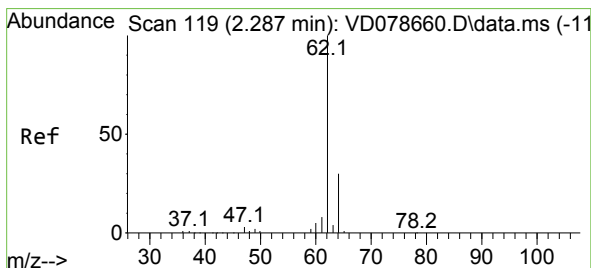
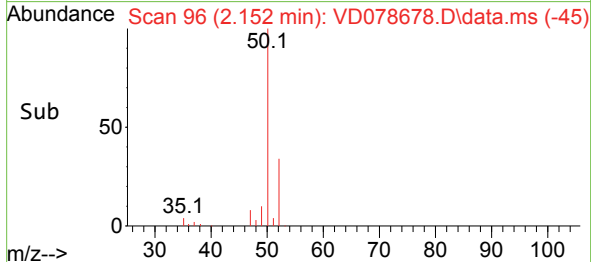
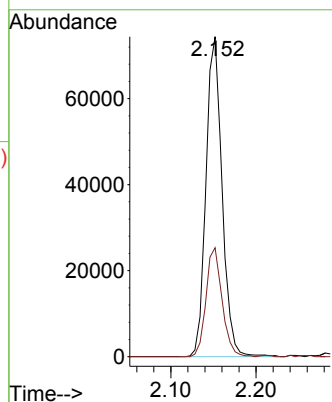
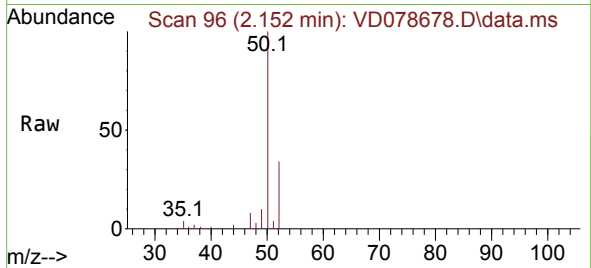




#3
Chloromethane
Concen: 52.249 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

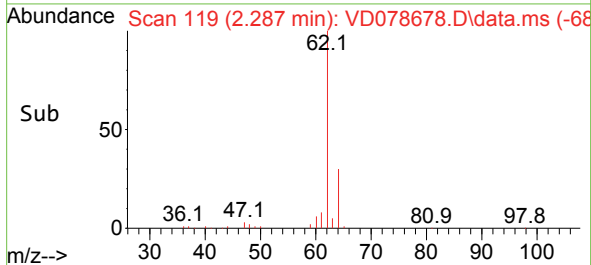
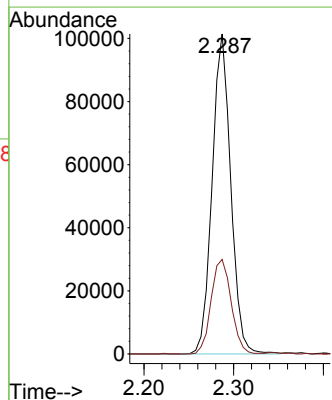
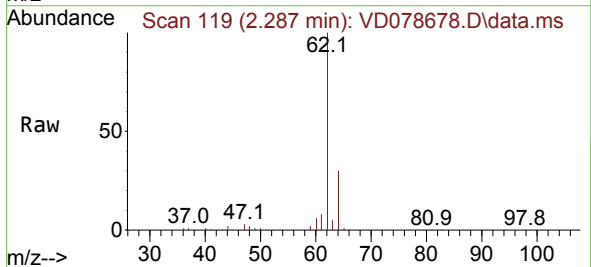
Instrument :
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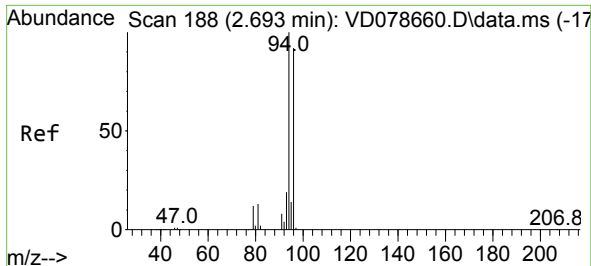
Tgt Ion: 50 Resp: 97621
Ion Ratio Lower Upper
50 100
52 34.0 25.6 38.4



#4
Vinyl Chloride
Concen: 53.002 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 62 Resp: 146081
Ion Ratio Lower Upper
62 100
64 29.5 23.7 35.5

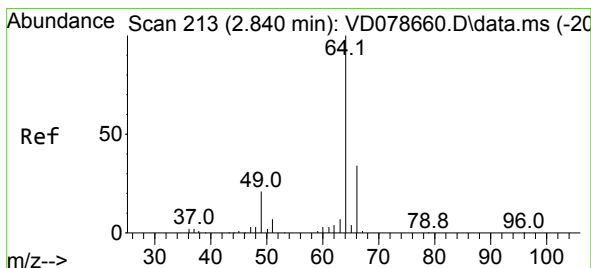
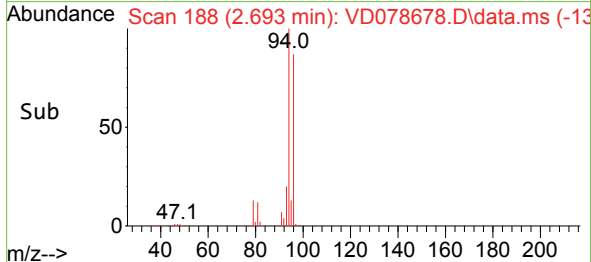
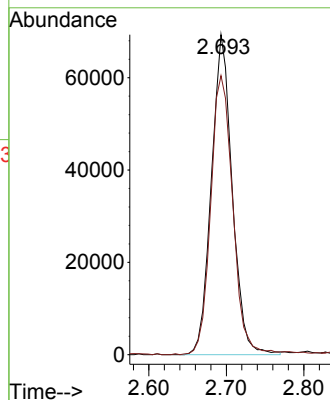
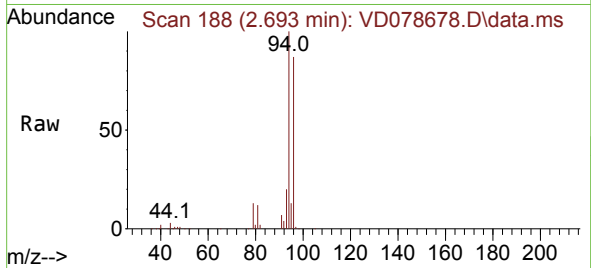




#5
Bromomethane
Concen: 49.109 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078678.D
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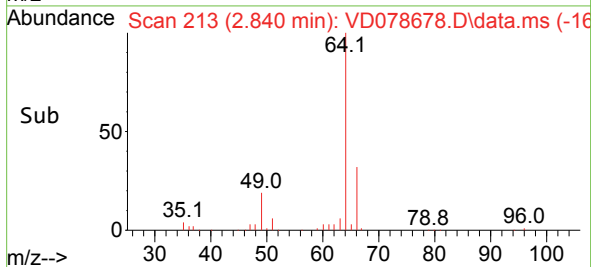
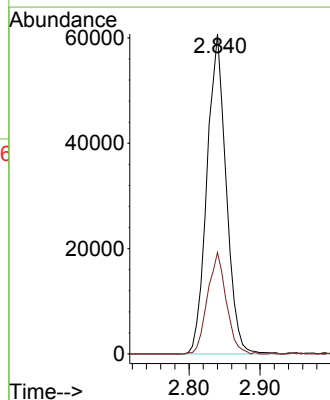
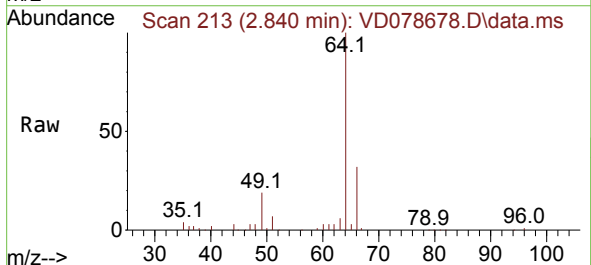
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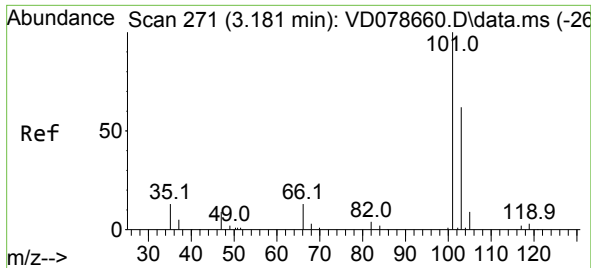
Tgt Ion: 94 Resp: 129594
Ion Ratio Lower Upper
94 100
96 92.3 73.5 110.3



#6
Chloroethane
Concen: 53.074 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 64 Resp: 114079
Ion Ratio Lower Upper
64 100
66 31.7 26.8 40.2

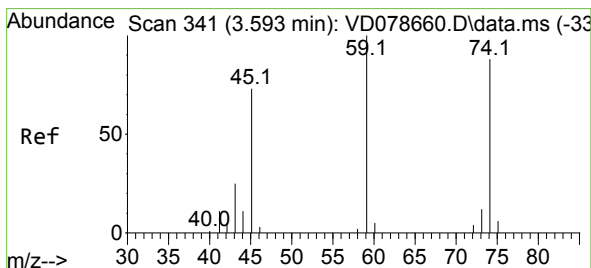
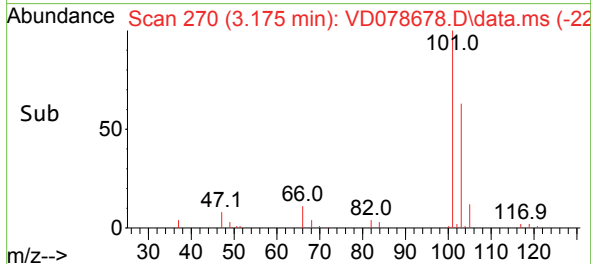
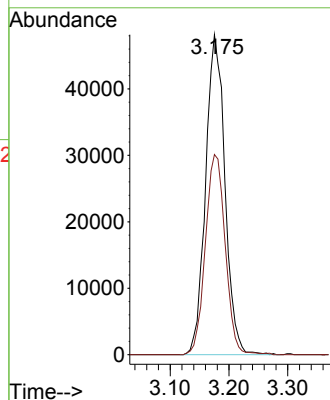
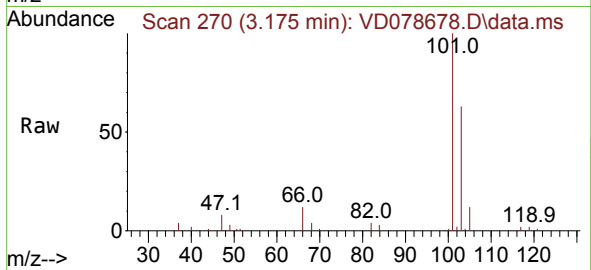




#7
 Trichlorofluoromethane
 Concen: 50.458 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078678.D
 Acq: 15 Mar 2024 09:48

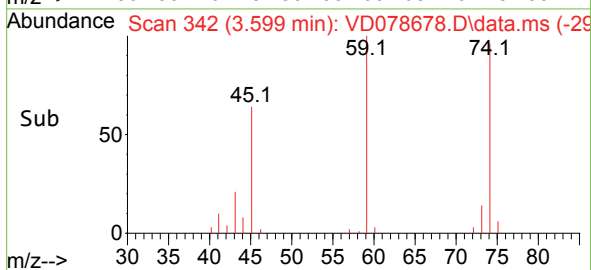
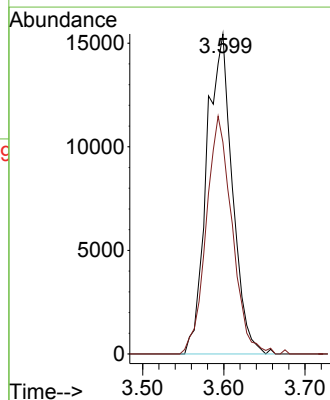
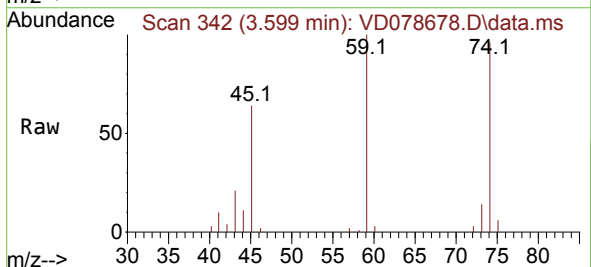
Instrument :
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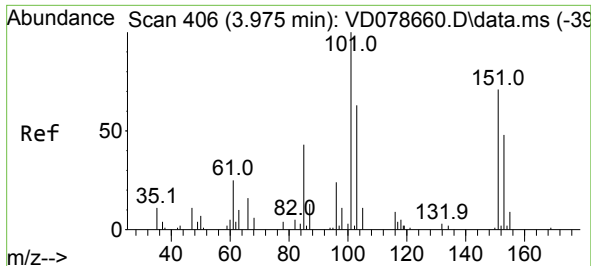
Tgt Ion:101 Resp: 110022
 Ion Ratio Lower Upper
 101 100
 103 62.5 49.7 74.5



#8
 Diethyl Ether
 Concen: 53.268 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078678.D
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Tgt Ion: 74 Resp: 33912
 Ion Ratio Lower Upper
 74 100
 45 75.0 42.4 127.3

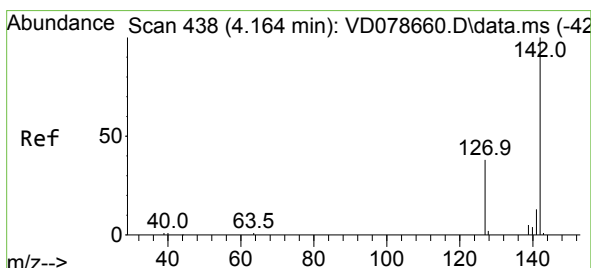
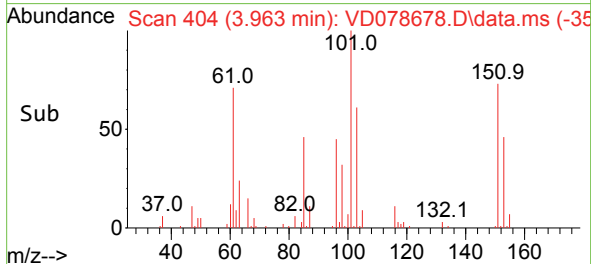
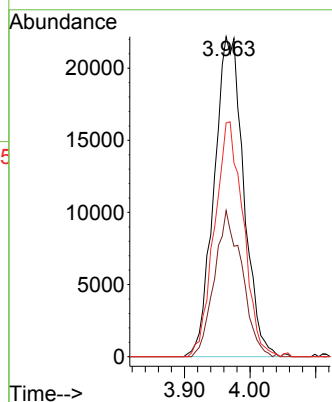
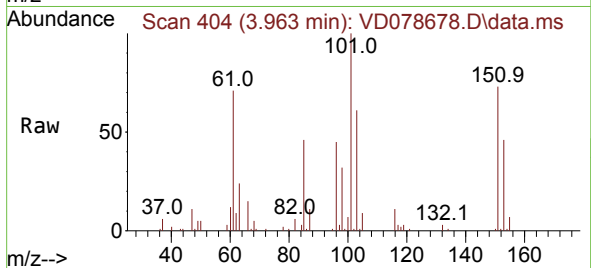




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.540 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

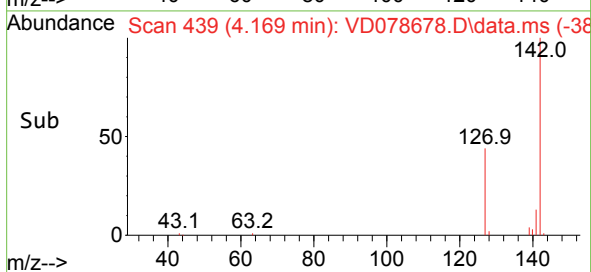
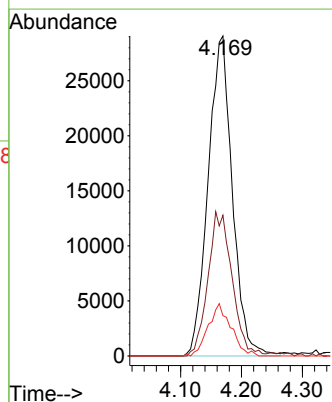
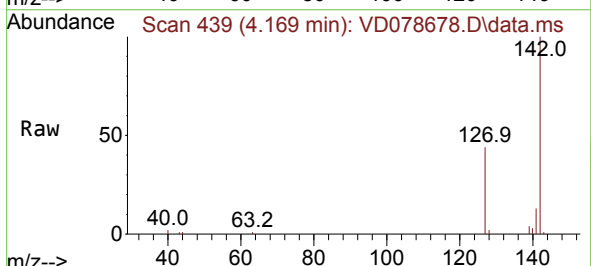
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

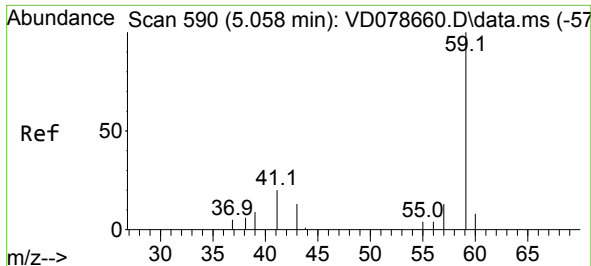
Tgt Ion:101 Resp: 69161
Ion Ratio Lower Upper
101 100
85 42.7 35.8 53.6
151 71.8 59.4 89.2



#10
Methyl Iodide
Concen: 49.574 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion:142 Resp: 80246
Ion Ratio Lower Upper
142 100
127 44.8 33.5 50.3
141 15.5 11.7 17.5

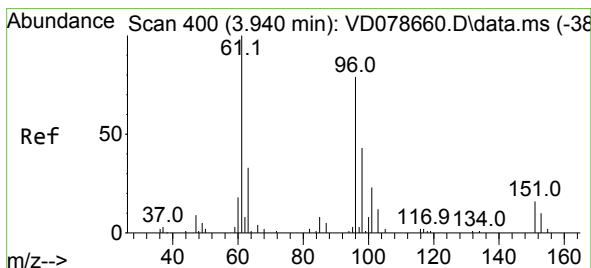
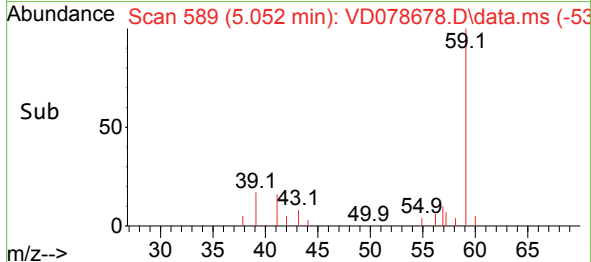
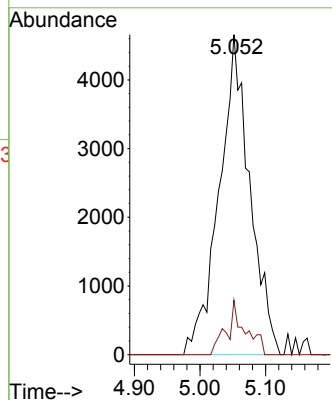
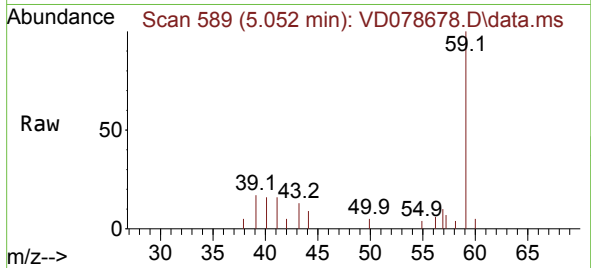




#11
Tert butyl alcohol
Concen: 283.911 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

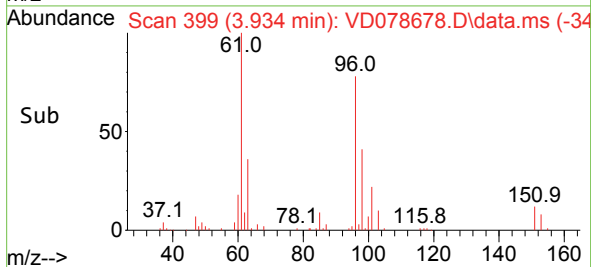
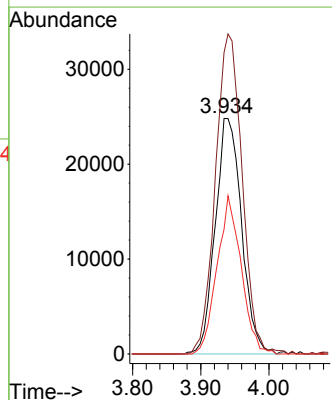
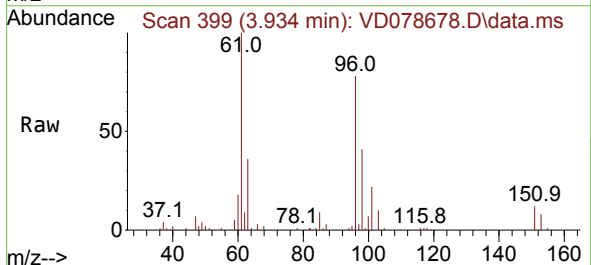
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

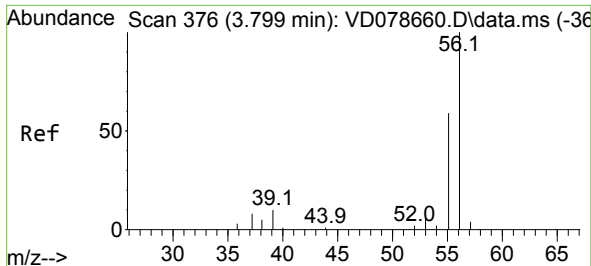
Tgt Ion: 59 Resp: 15139
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 51.402 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 96 Resp: 66867
Ion Ratio Lower Upper
96 100
61 127.9 101.4 152.0
98 52.9 43.4 65.0





#13

Acrolein

Concen: 235.891 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

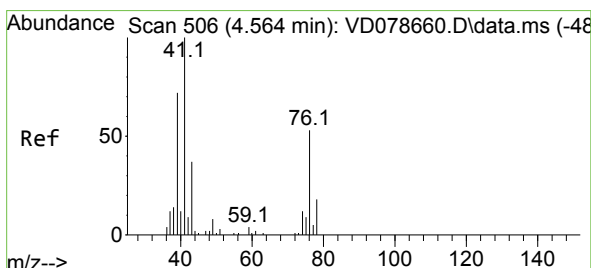
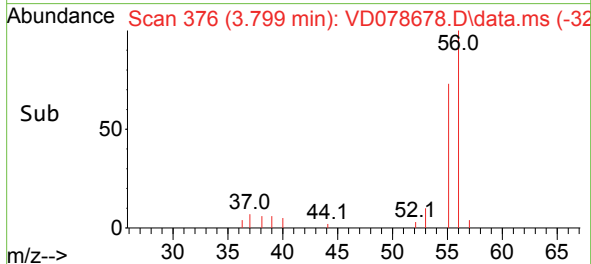
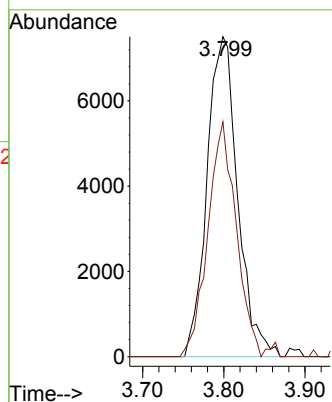
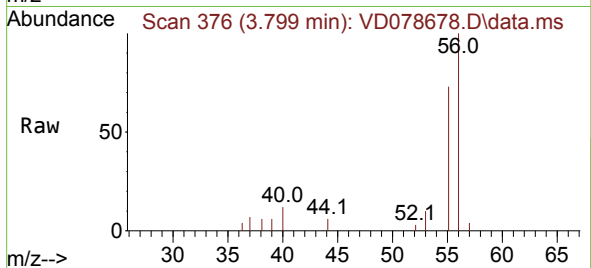
VSTDCCC050

Tgt Ion: 56 Resp: 19704

Ion Ratio Lower Upper

56 100

55 67.7 54.9 82.3



#14

Allyl chloride

Concen: 49.627 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

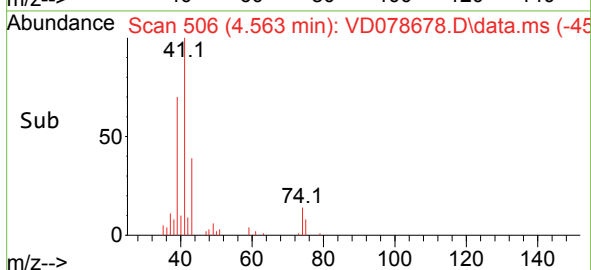
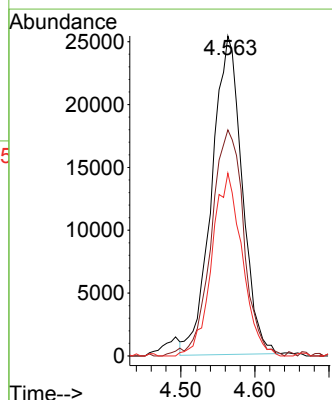
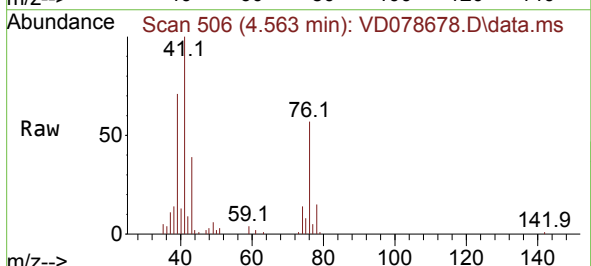
Tgt Ion: 41 Resp: 72034

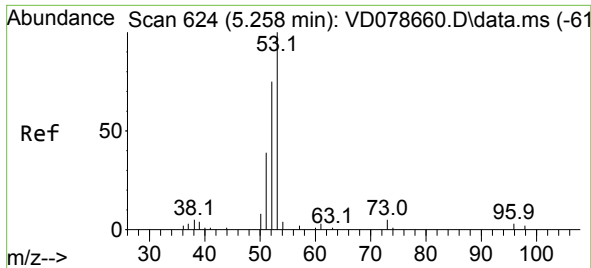
Ion Ratio Lower Upper

41 100

39 76.0 57.8 86.6

76 57.3 44.8 67.2

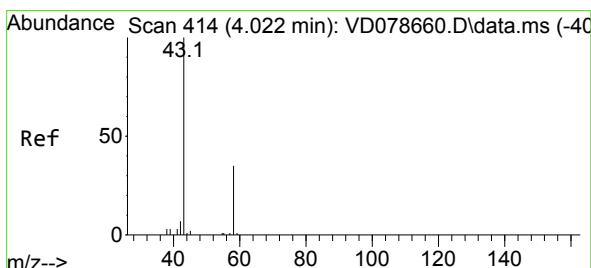
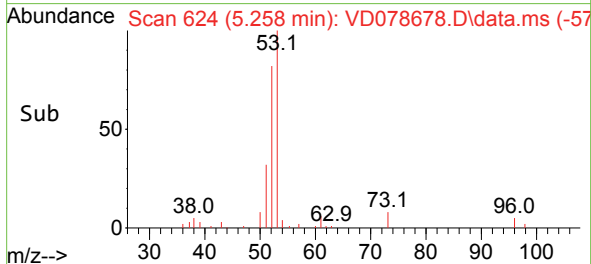
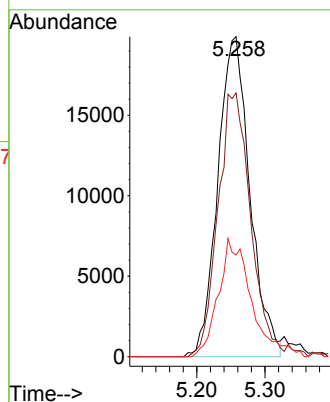
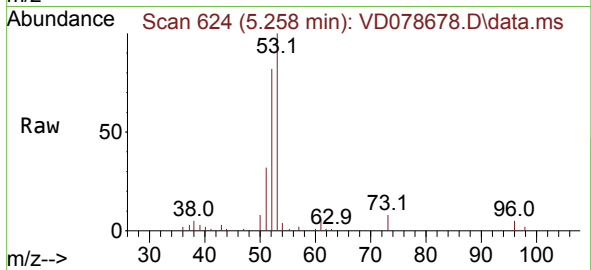




#15
Acrylonitrile
Concen: 254.016 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

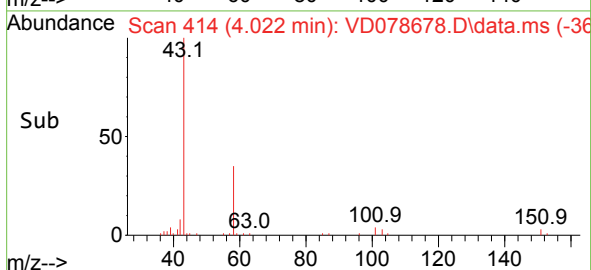
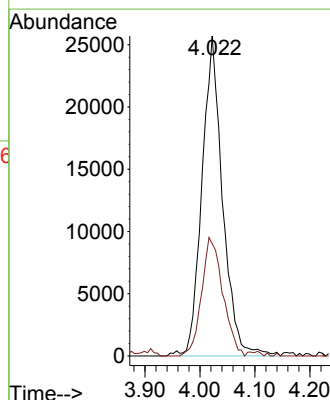
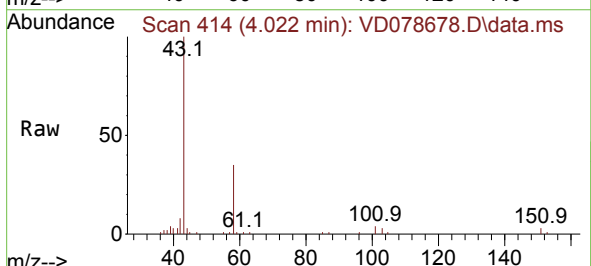
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

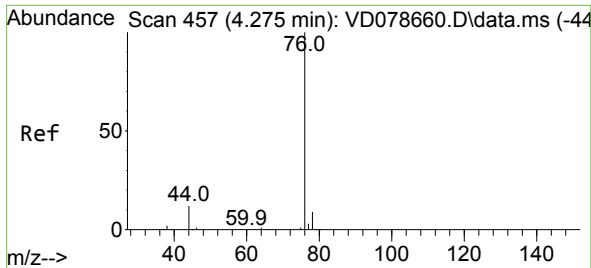
Tgt Ion:	53	Resp:	65190
Ion	Ratio	Lower	Upper
53	100		
52	83.4	61.9	92.9
51	37.7	29.0	43.4



#16
Acetone
Concen: 289.832 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion:	43	Resp:	66779
Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.2	42.4





#17

Carbon Disulfide

Concen: 51.004 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

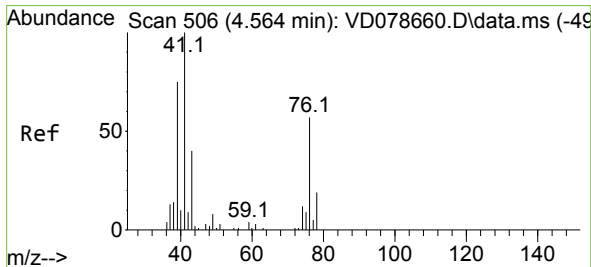
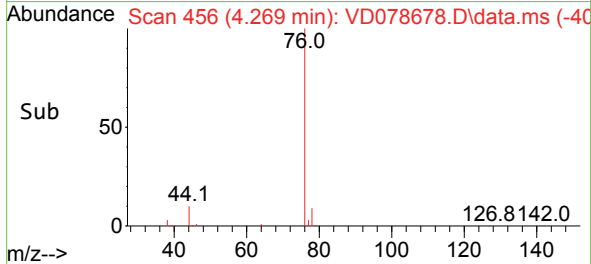
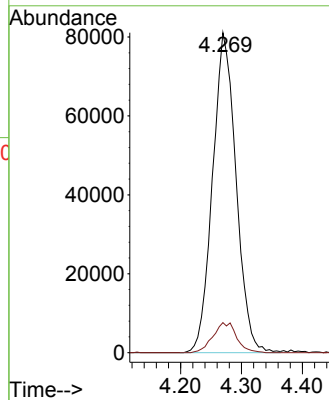
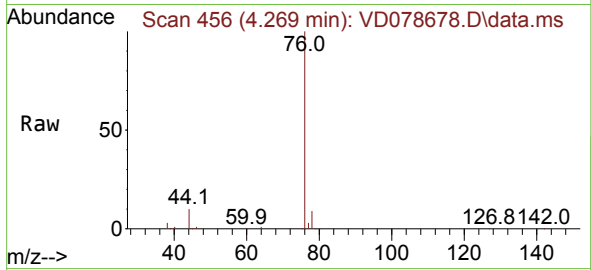
VSTDCCC050

Tgt Ion: 76 Resp: 217508

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 56.713 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD078678.D

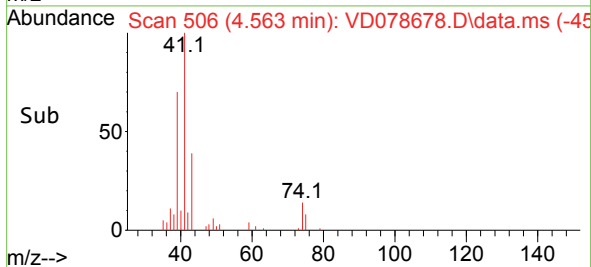
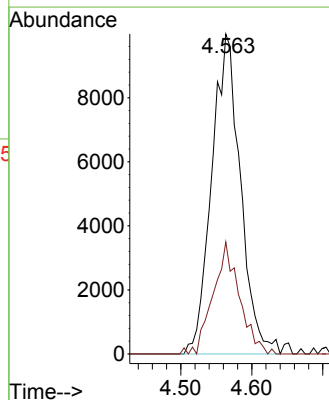
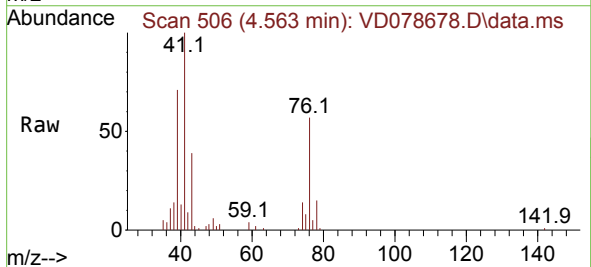
Acq: 15 Mar 2024 09:48

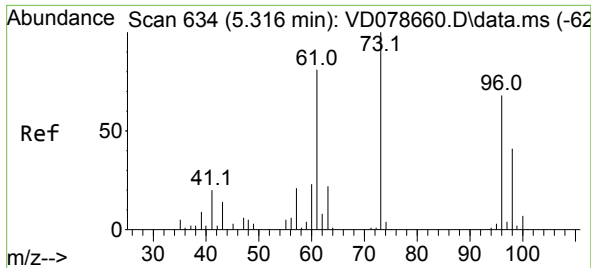
Tgt Ion: 43 Resp: 28043

Ion Ratio Lower Upper

43 100

74 31.8 25.3 37.9

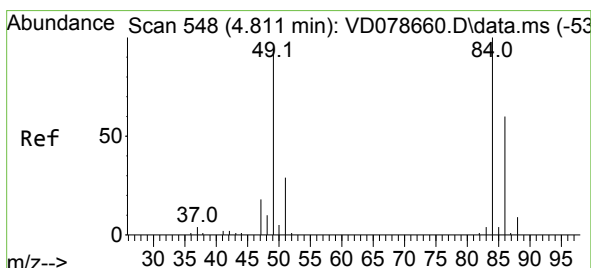
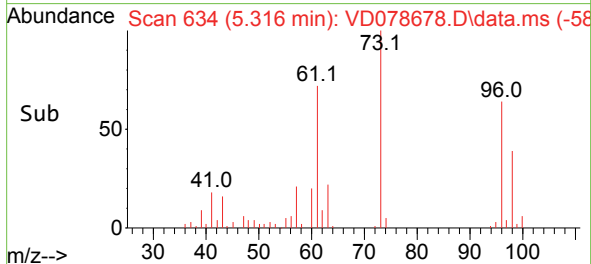
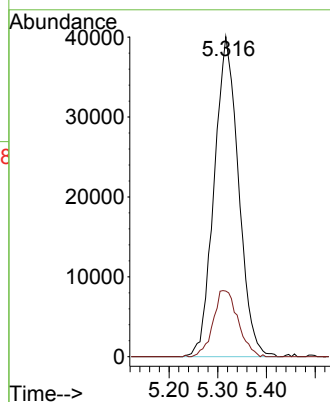
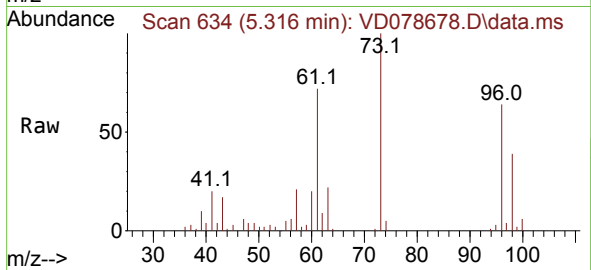




#19
Methyl tert-butyl Ether
Concen: 53.072 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

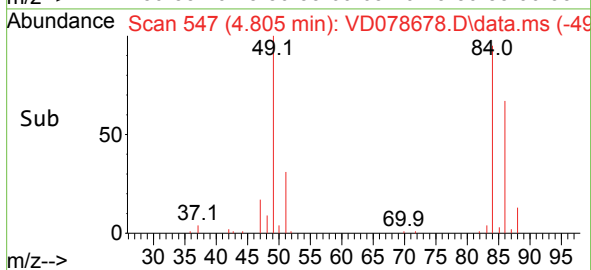
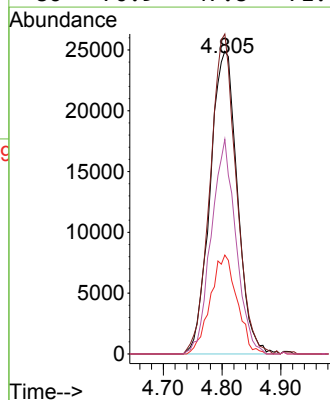
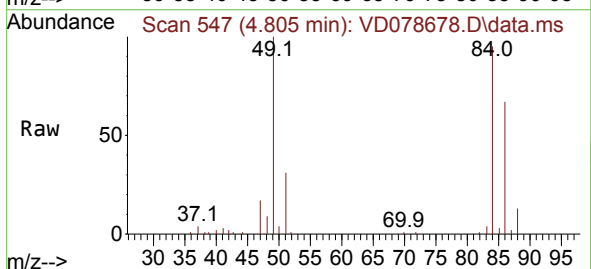
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

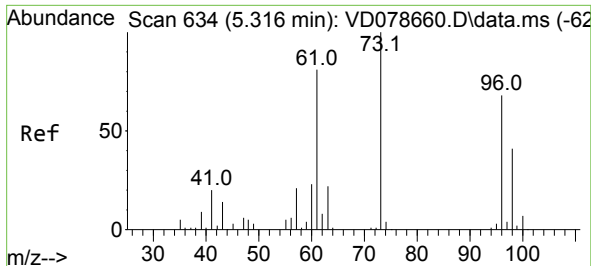
Tgt Ion: 73 Resp: 139230
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 51.088 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 84 Resp: 80084
Ion Ratio Lower Upper
84 100
49 105.7 75.6 113.4
51 32.7 23.4 35.0
86 70.9 47.8 71.6





#21

trans-1,2-Dichloroethene

Concen: 52.047 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

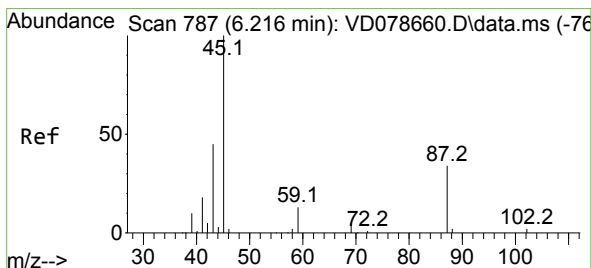
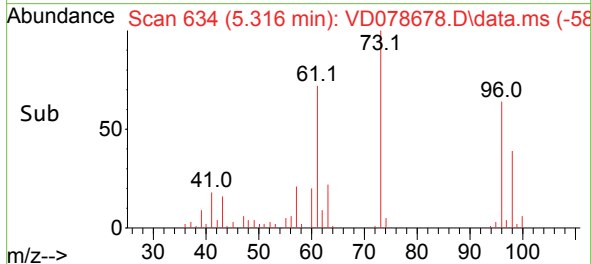
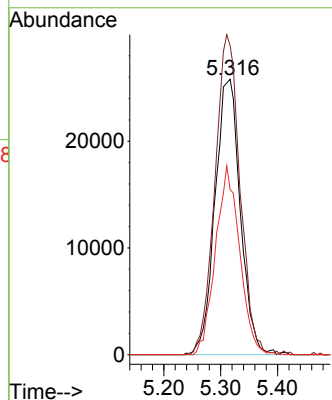
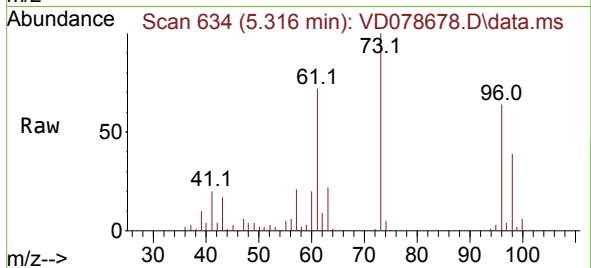
Tgt Ion: 96 Resp: 79891

Ion Ratio Lower Upper

96 100

61 112.2 96.1 144.1

98 60.0 48.9 73.3



#22

Diisopropyl ether

Concen: 52.726 ug/l

RT: 6.216 min Scan# 787

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Tgt Ion: 45 Resp: 174001

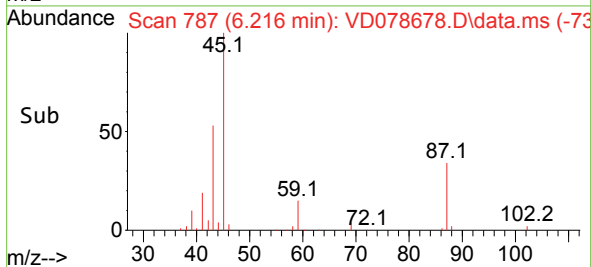
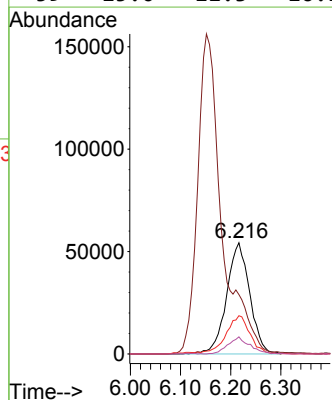
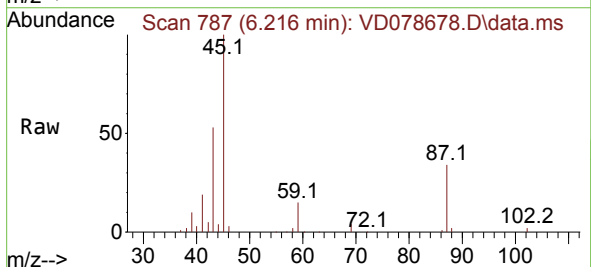
Ion Ratio Lower Upper

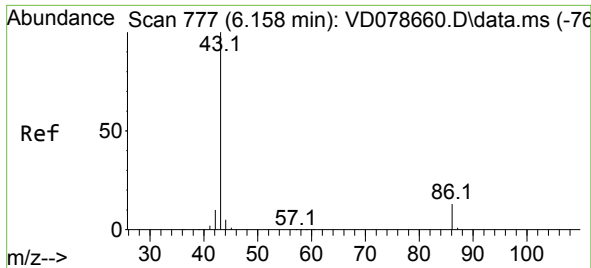
45 100

43 51.9 44.3 66.5

87 34.1 28.3 42.5

59 15.0 11.3 16.9

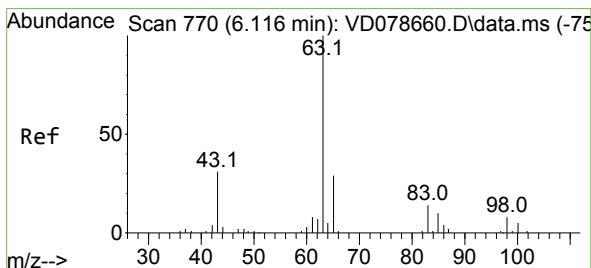
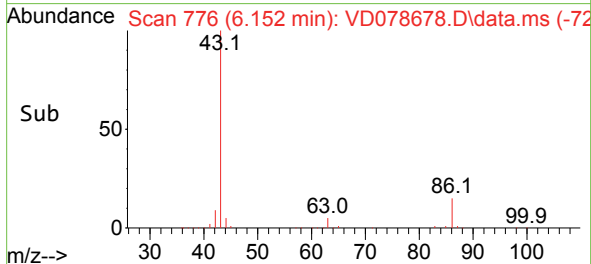
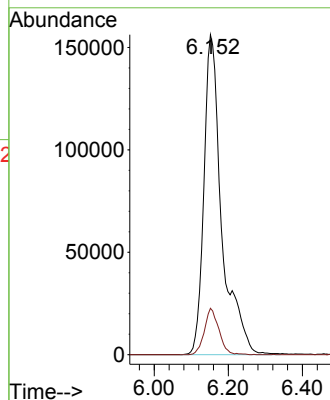
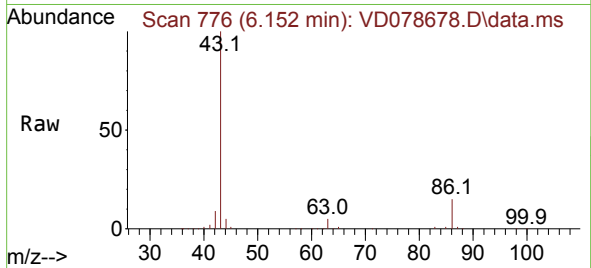




#23
 Vinyl Acetate
 Concen: 271.172 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078678.D
 Acq: 15 Mar 2024 09:48

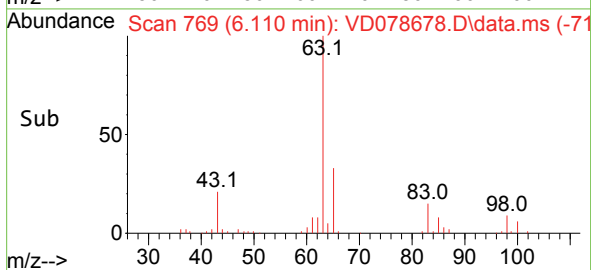
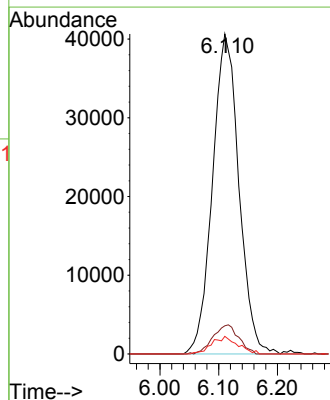
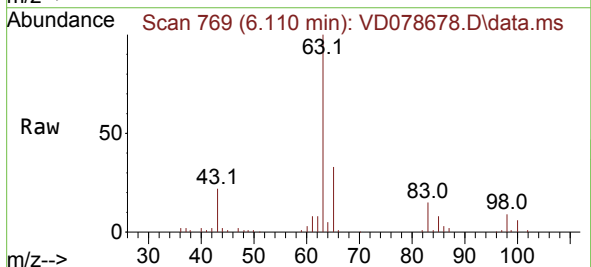
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

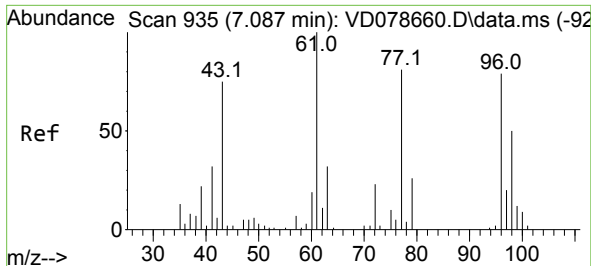
Tgt Ion: 43 Resp: 523464
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 51.240 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078678.D
 Acq: 15 Mar 2024 09:48

Tgt Ion: 63 Resp: 126779
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.0 11.9
 100 5.5 2.7 8.1

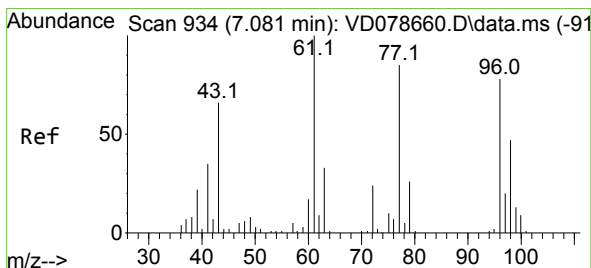
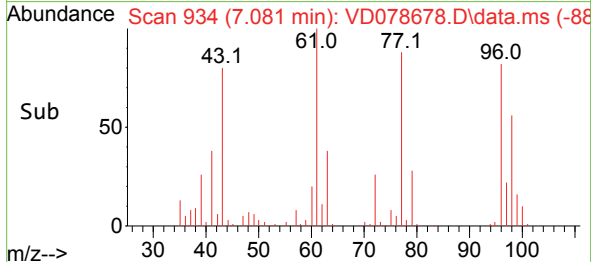
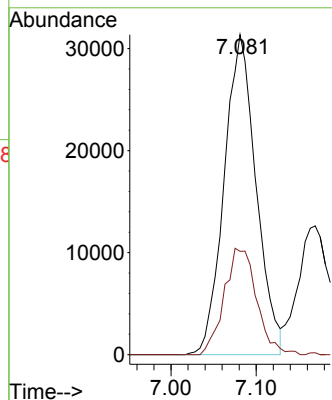
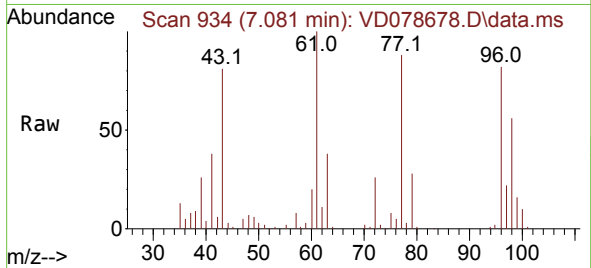




#25
2-Butanone
Concen: 266.744 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

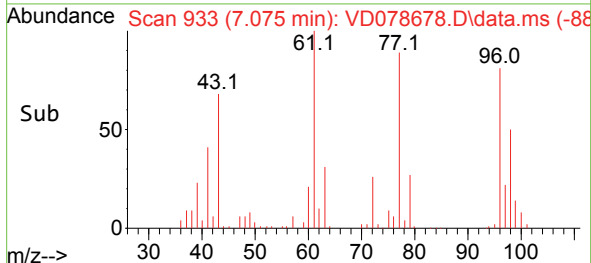
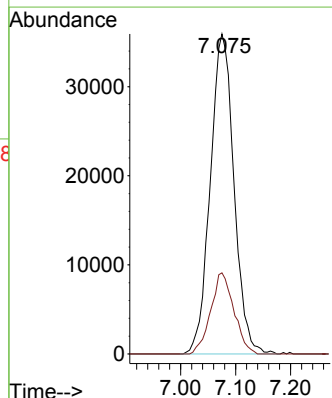
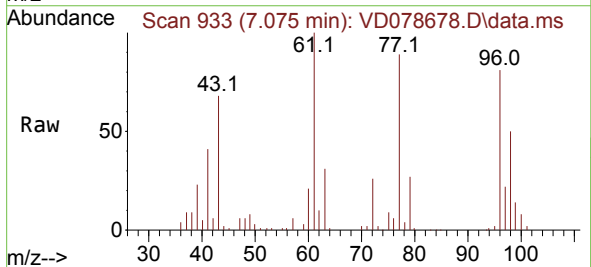
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

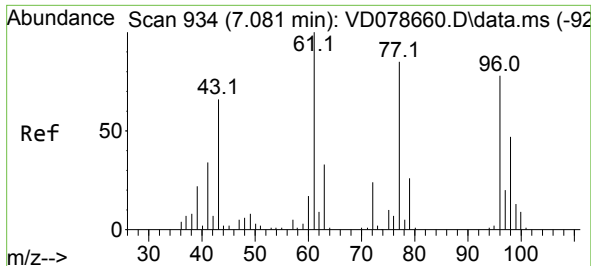
Tgt Ion: 43 Resp: 81711
Ion Ratio Lower Upper
43 100
72 32.3 25.0 37.6



#26
2,2-Dichloropropane
Concen: 51.367 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 77 Resp: 107528
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.0

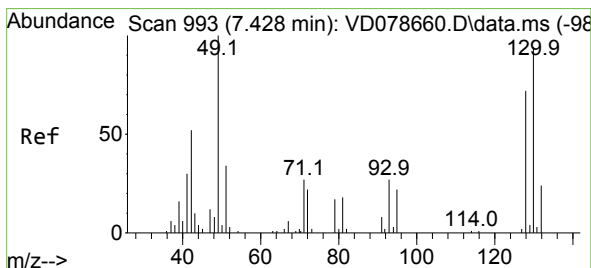
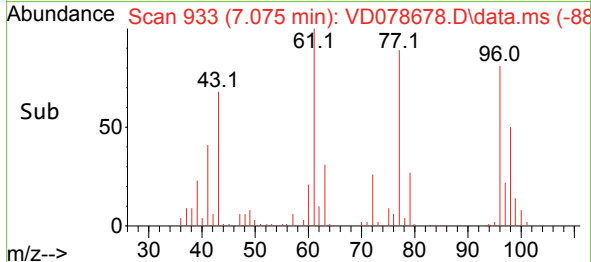
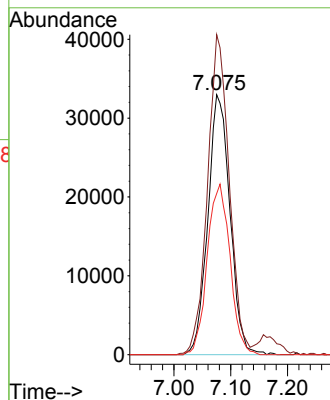
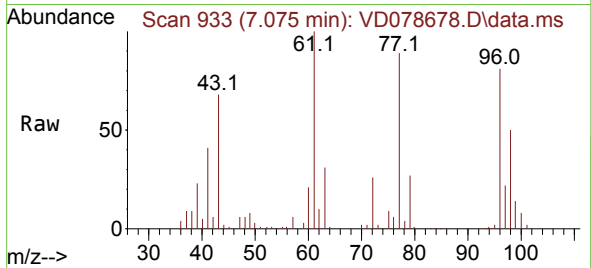




#27
cis-1,2-Dichloroethene
Concen: 51.020 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

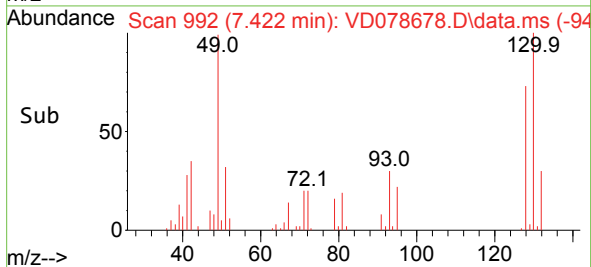
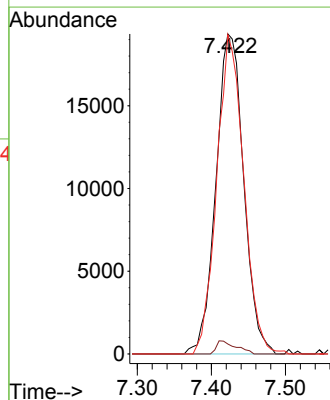
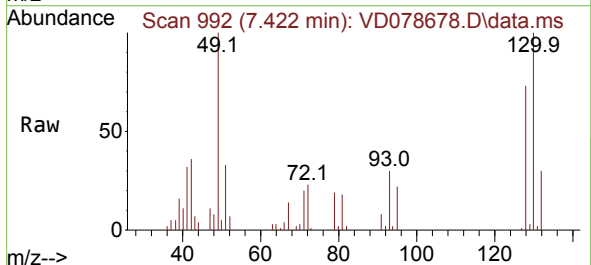
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

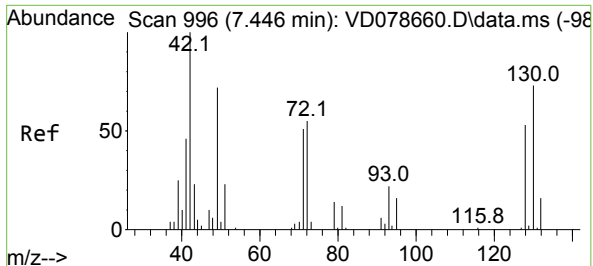
Tgt Ion: 96 Resp: 89323
Ion Ratio Lower Upper
96 100
61 120.5 0.0 245.0
98 67.4 0.0 126.6



#28
Bromochloromethane
Concen: 56.930 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 49 Resp: 50218
Ion Ratio Lower Upper
49 100
129 2.9 0.0 6.2
130 96.9 77.1 115.7





#29

Tetrahydrofuran

Concen: 267.735 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

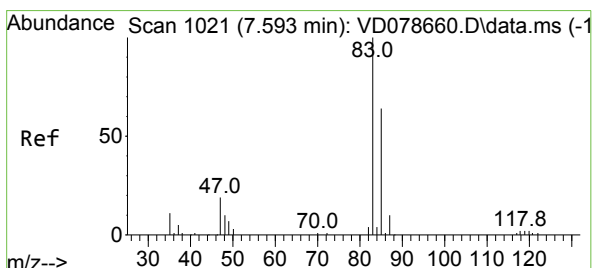
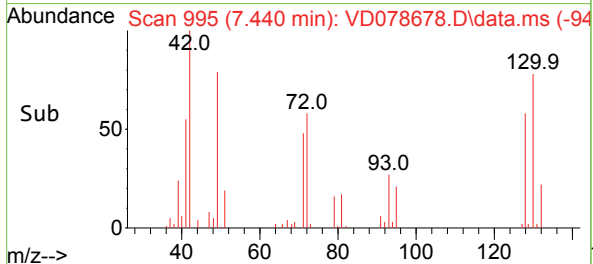
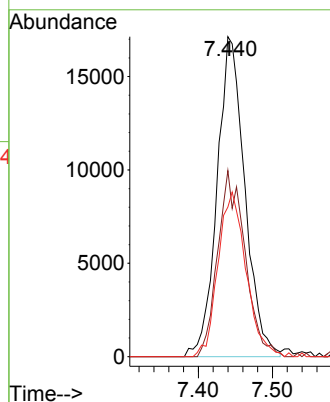
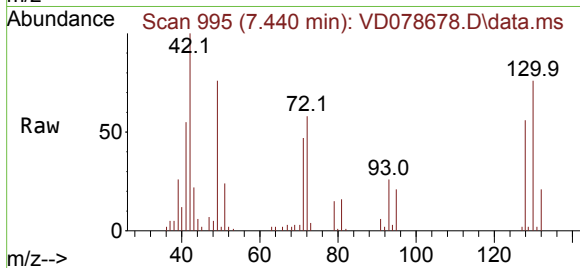
Tgt Ion: 42 Resp: 44608

Ion Ratio Lower Upper

42 100

72 57.2 43.8 65.6

71 52.0 42.0 63.0



#30

Chloroform

Concen: 51.250 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD078678.D

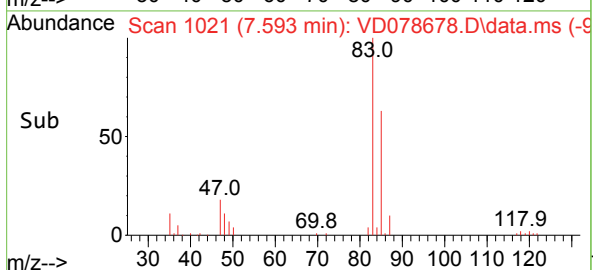
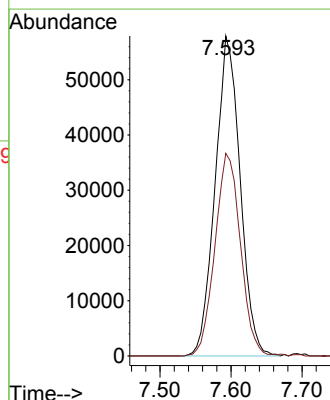
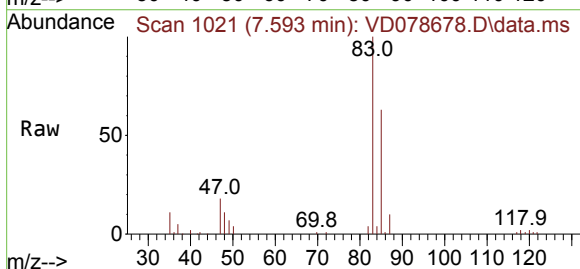
Acq: 15 Mar 2024 09:48

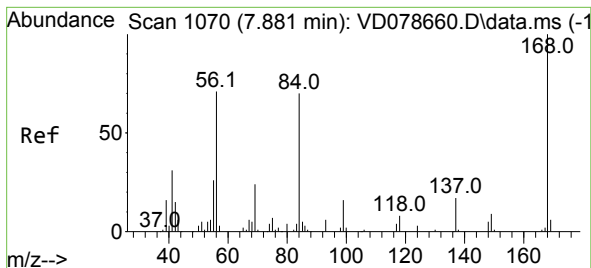
Tgt Ion: 83 Resp: 141383

Ion Ratio Lower Upper

83 100

85 63.3 51.2 76.8





#31

Cyclohexane

Concen: 48.598 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

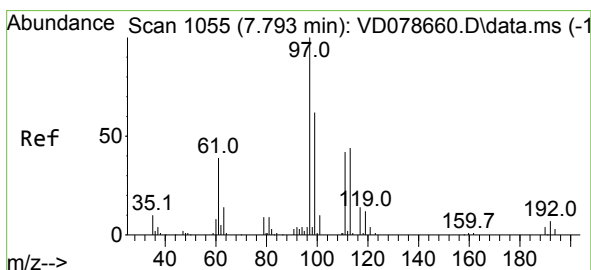
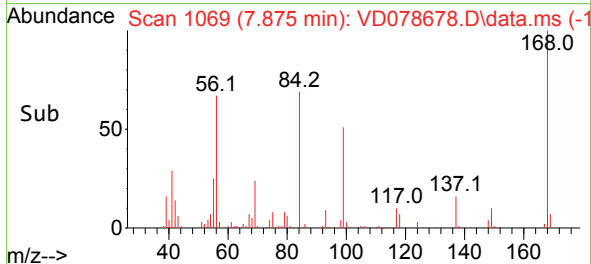
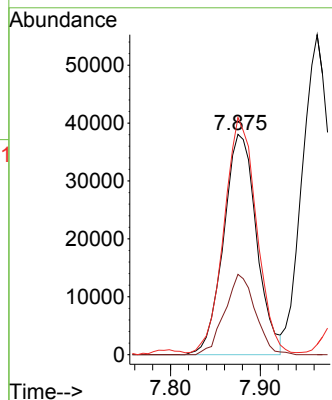
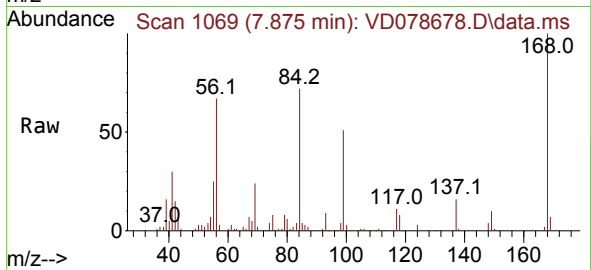
Tgt Ion: 56 Resp: 97328

Ion Ratio Lower Upper

56 100

69 36.5 26.6 40.0

84 106.1 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 50.993 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

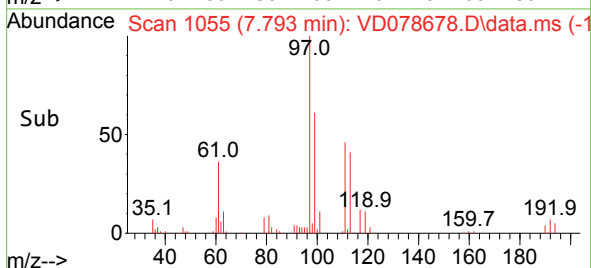
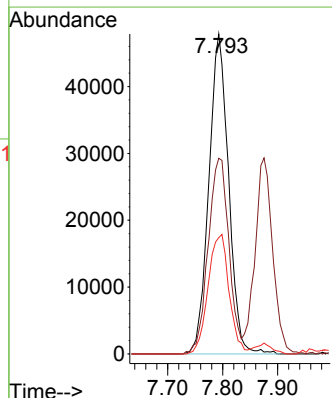
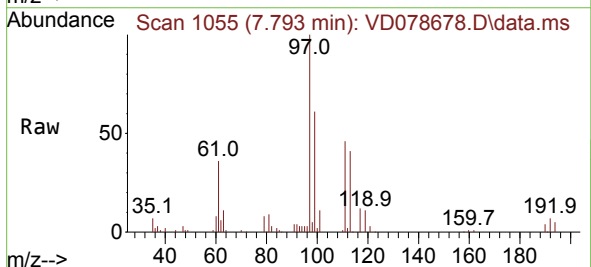
Tgt Ion: 97 Resp: 119355

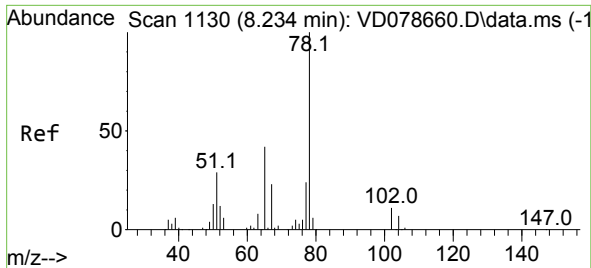
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 39.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 47.850 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

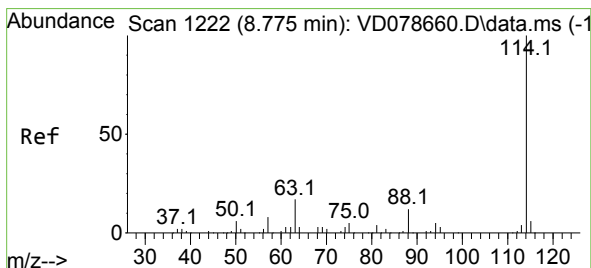
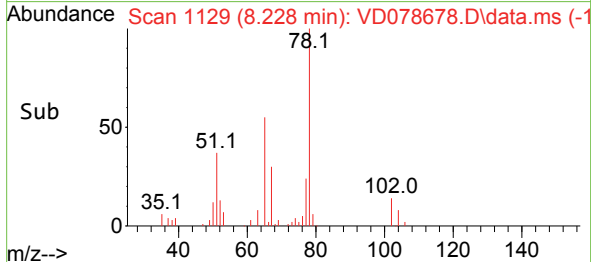
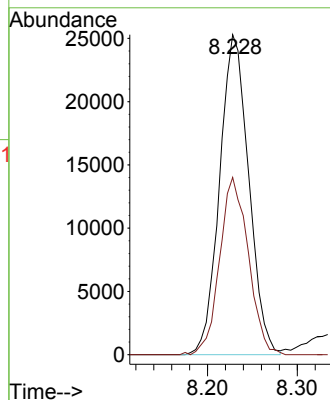
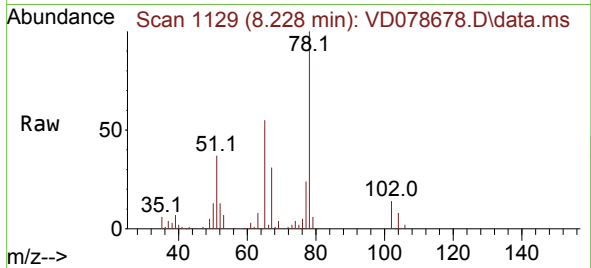
VSTDCCC050

Tgt Ion: 65 Resp: 57014

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

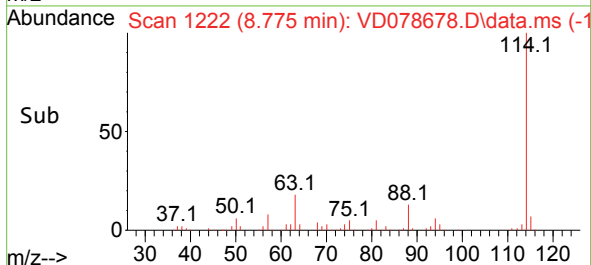
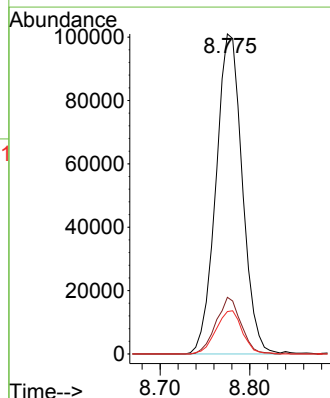
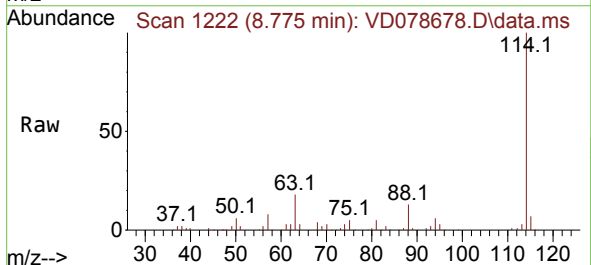
Tgt Ion: 114 Resp: 205858

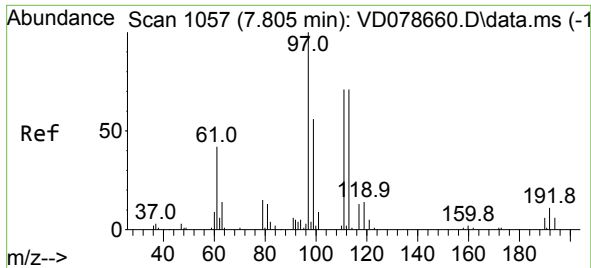
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.2 0.0 24.6

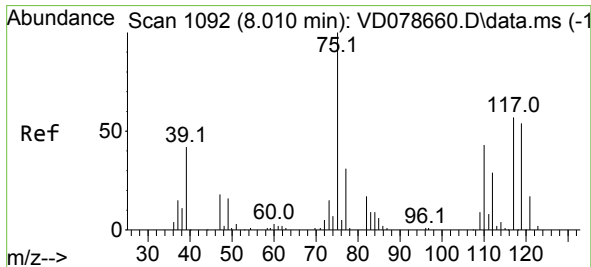
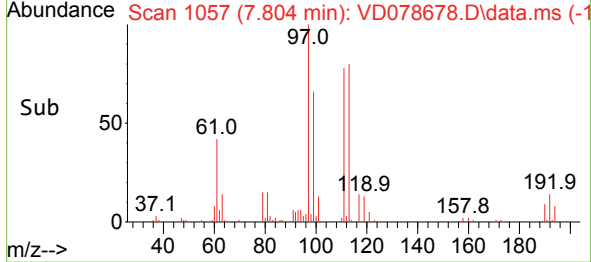
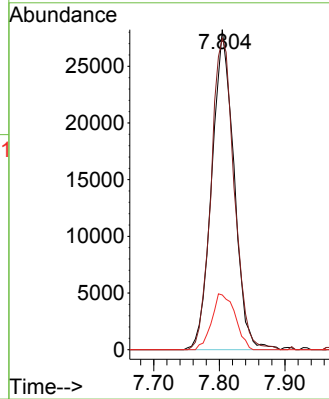
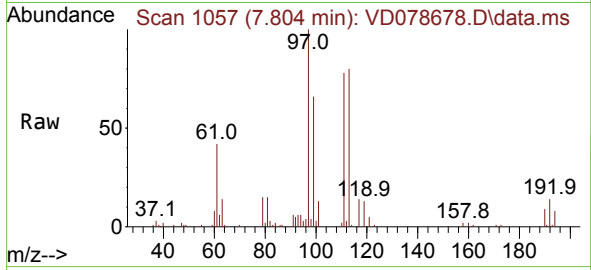




#35
Dibromofluoromethane
Concen: 49.892 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

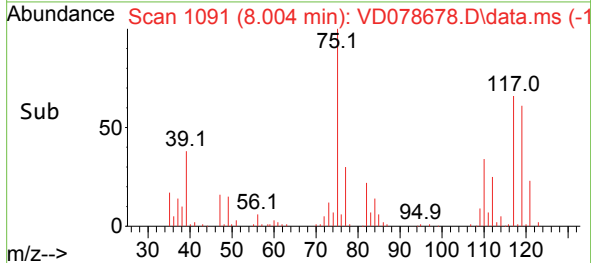
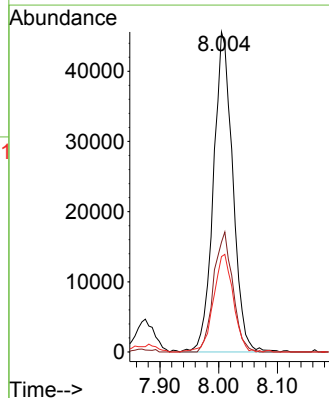
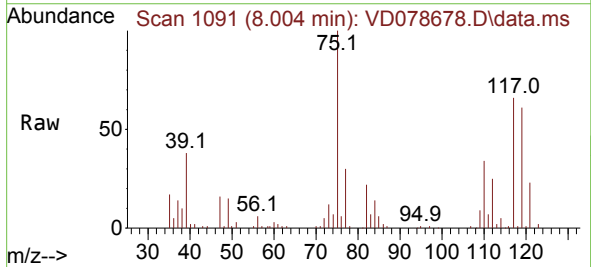
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

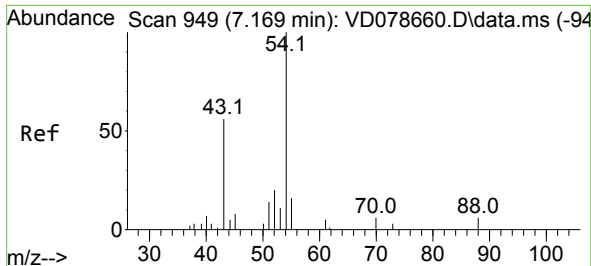
Tgt Ion:113 Resp: 66128
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 18.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 54.170 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 75 Resp: 104174
Ion Ratio Lower Upper
75 100
110 37.1 19.1 57.1
77 31.4 25.4 38.2

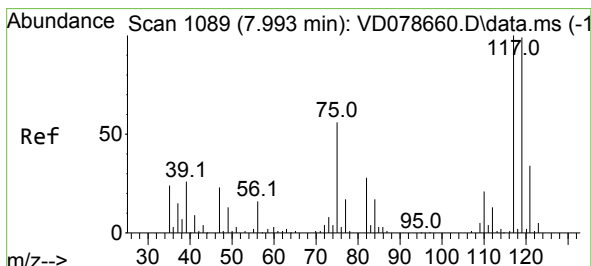
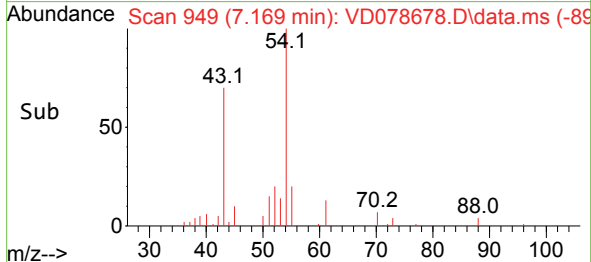
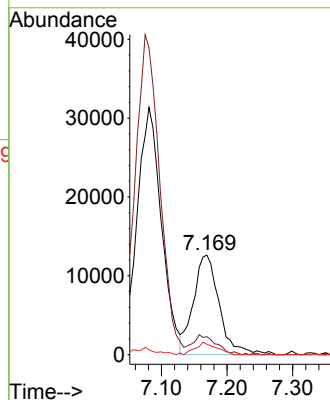
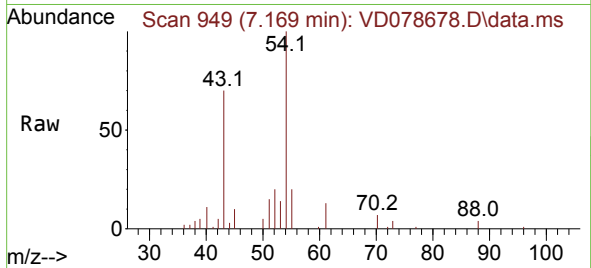




#37
Ethyl Acetate
Concen: 55.343 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

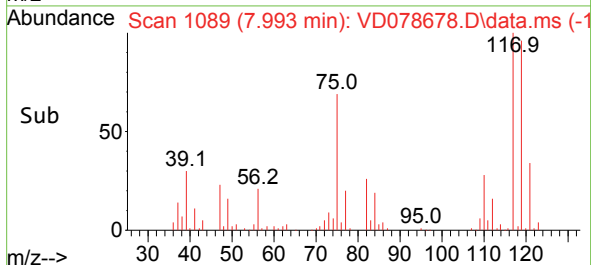
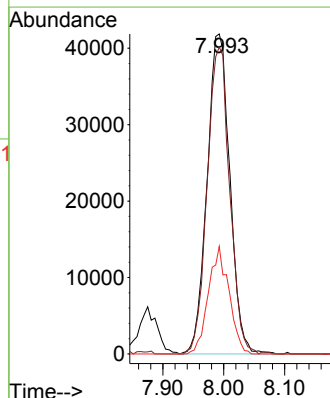
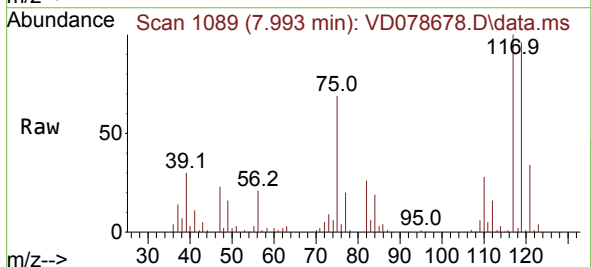
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

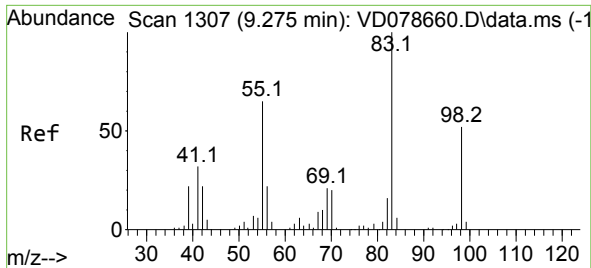
Tgt Ion: 43	Resp:	34769
Ion Ratio	Lower	Upper
43	100	
61	17.1	14.6 21.8
70	10.2	9.4 14.0



#38
Carbon Tetrachloride
Concen: 53.711 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 117	Resp:	108893
Ion Ratio	Lower	Upper
117	100	
119	95.9	79.2 118.8
121	33.6	26.8 40.2

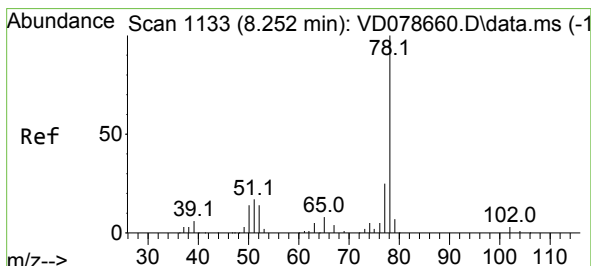
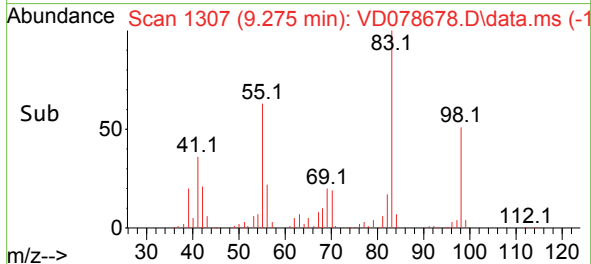
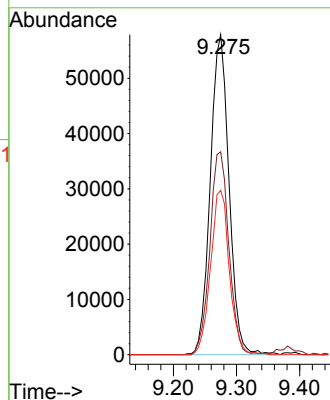
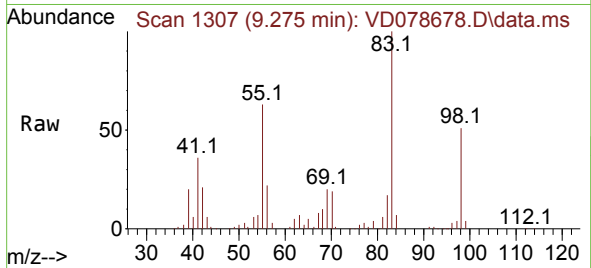




#39
Methylcyclohexane
Concen: 53.341 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

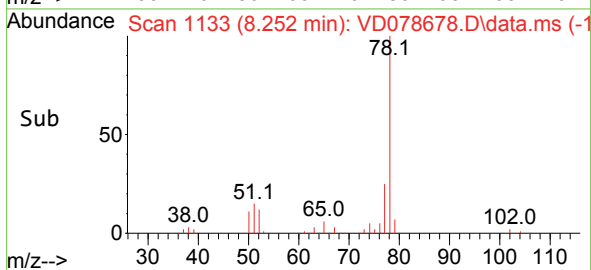
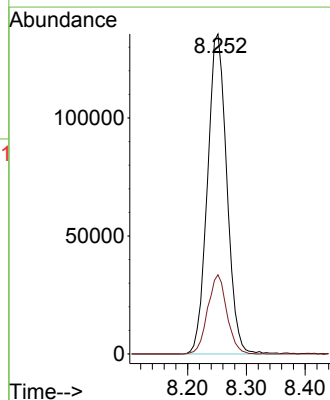
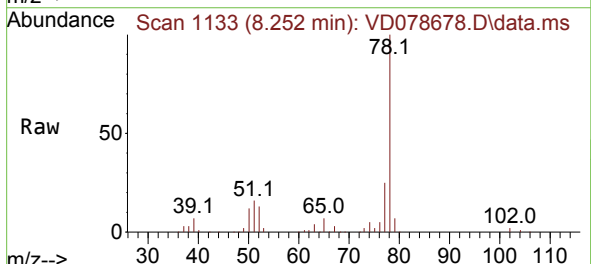
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

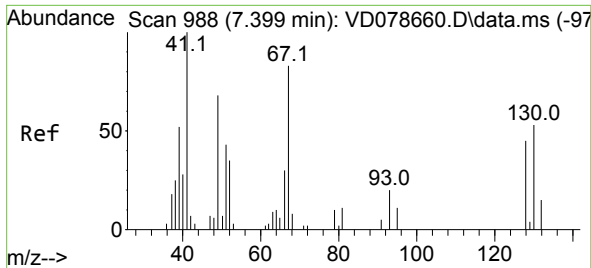
Tgt Ion: 83 Resp: 118995
Ion Ratio Lower Upper
83 100
55 63.4 51.7 77.5
98 51.3 41.4 62.0



#40
Benzene
Concen: 53.275 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 78 Resp: 309702
Ion Ratio Lower Upper
78 100
77 24.8 20.4 30.6



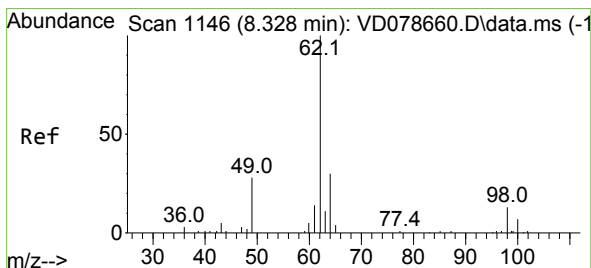
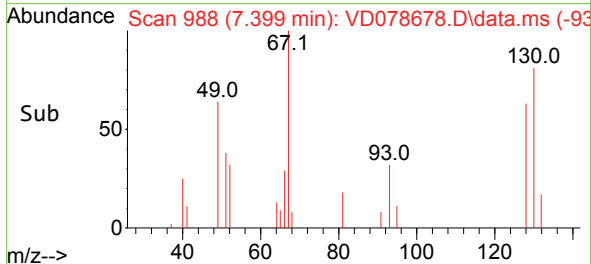
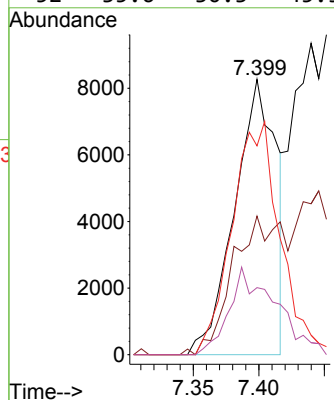
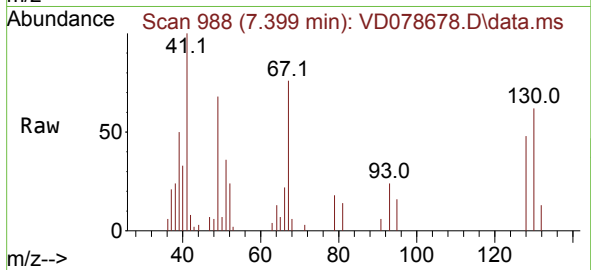


#41
Methacrylonitrile
Concen: 55.375 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 18231

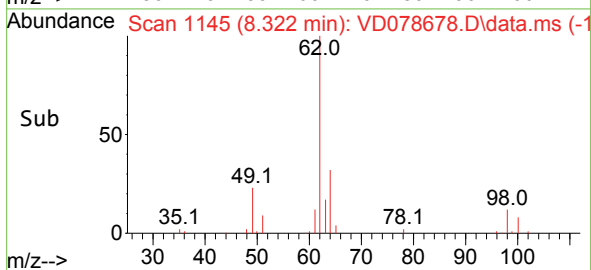
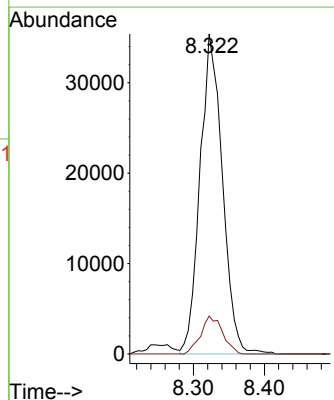
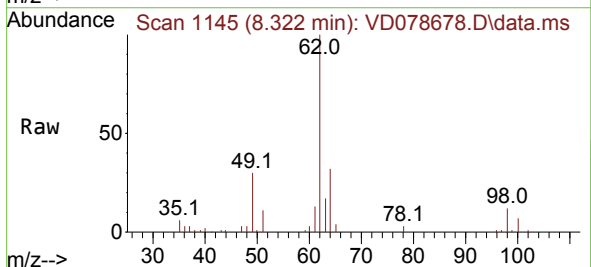
Ion	Ratio	Lower	Upper
41	100		
39	48.1	39.8	59.6
67	97.0	83.5	125.3
52	35.6	30.3	45.5

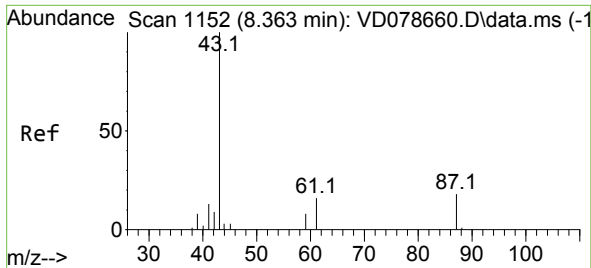


#42
1,2-Dichloroethane
Concen: 54.876 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 62 Resp: 77796

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	23.8

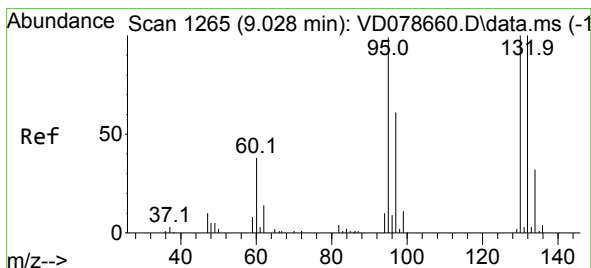
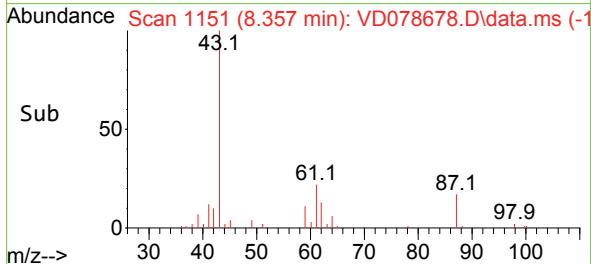
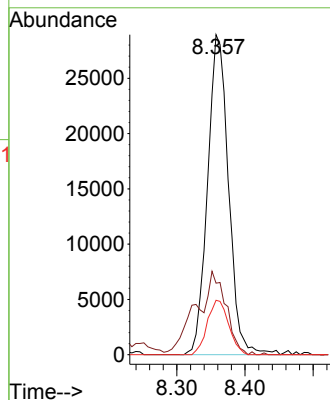
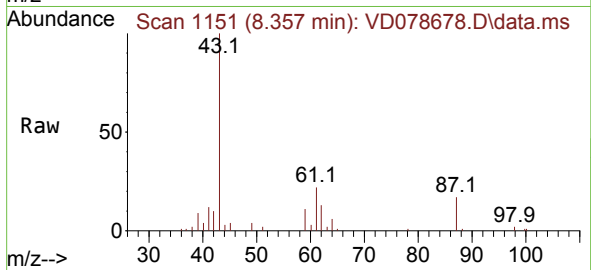




#43
Isopropyl Acetate
Concen: 54.261 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

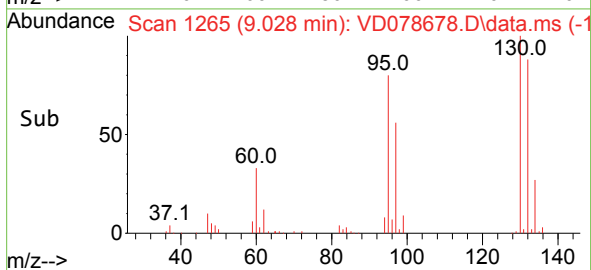
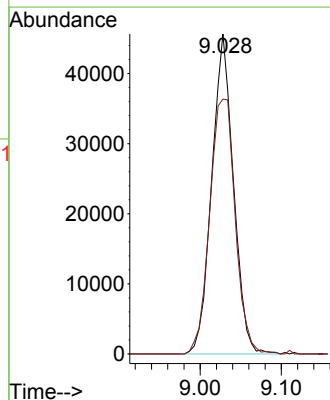
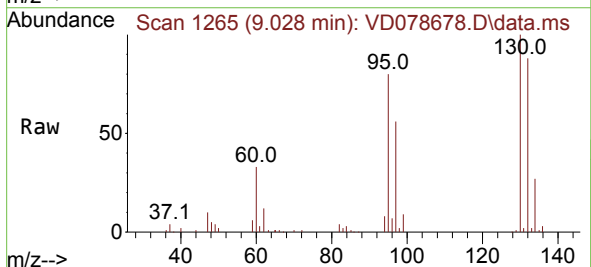
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

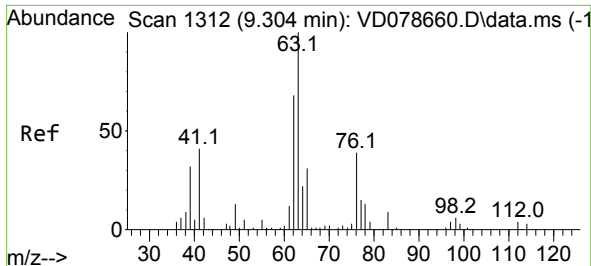
Tgt Ion: 43 Resp: 61995
Ion Ratio Lower Upper
43 100
61 22.4 30.1 45.1#
87 17.3 14.4 21.6



#44
Trichloroethene
Concen: 53.769 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion:130 Resp: 84826
Ion Ratio Lower Upper
130 100
95 79.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 53.381 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

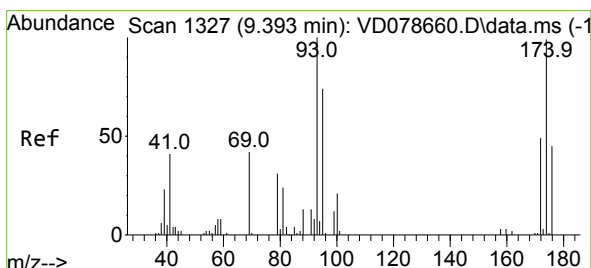
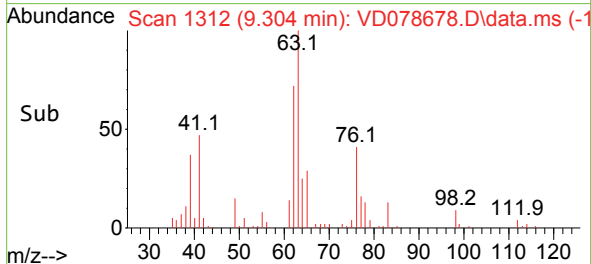
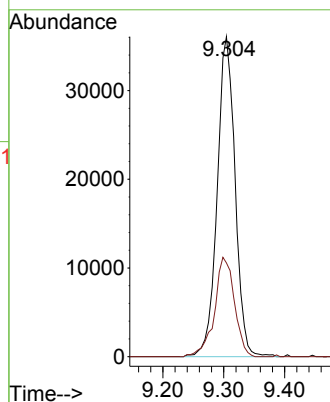
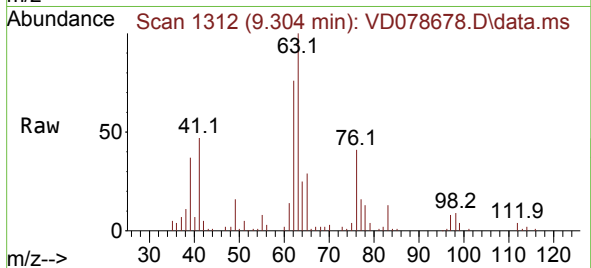
VSTDCCC050

Tgt Ion: 63 Resp: 73614

Ion Ratio Lower Upper

63 100

65 29.3 24.8 37.2



#46

Dibromomethane

Concen: 54.254 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

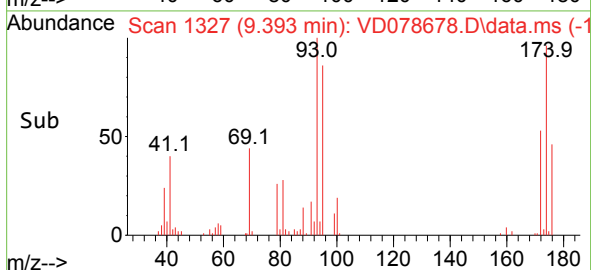
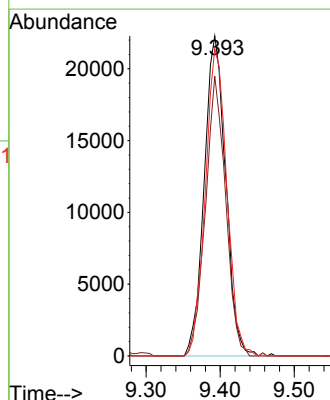
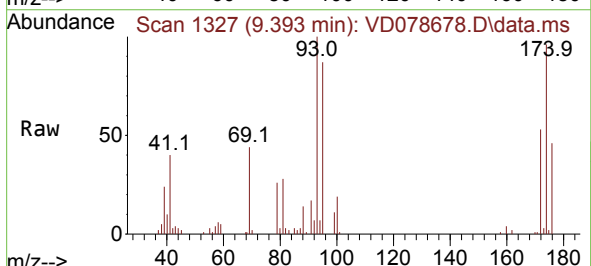
Tgt Ion: 93 Resp: 44849

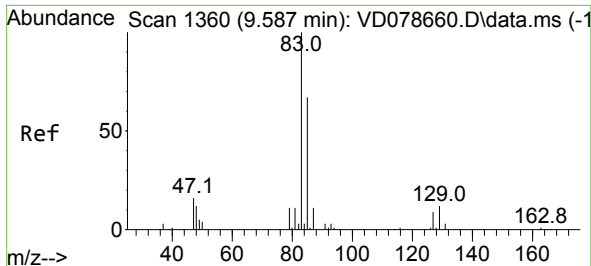
Ion Ratio Lower Upper

93 100

95 82.2 67.3 100.9

174 96.3 80.9 121.3





#47

Bromodichloromethane

Concen: 54.875 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

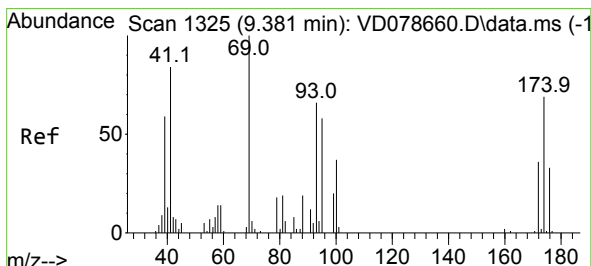
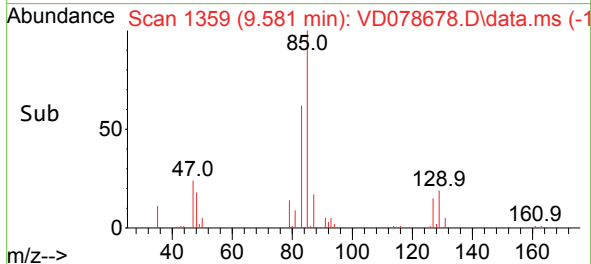
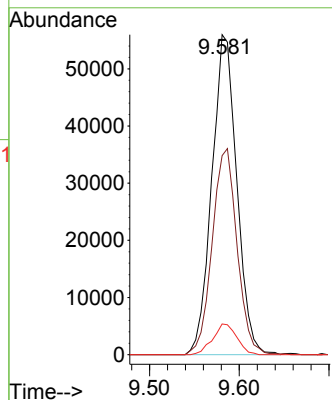
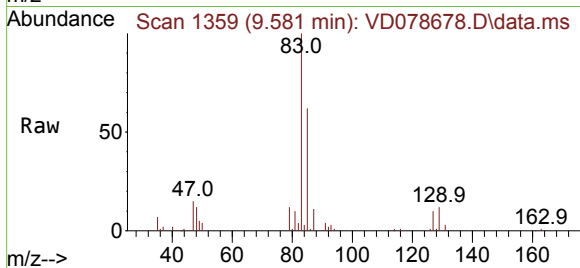
Tgt Ion: 83 Resp: 107989

Ion Ratio Lower Upper

83 100

85 62.2 54.0 81.0

127 9.6 7.1 10.7



#48

Methyl methacrylate

Concen: 56.190 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

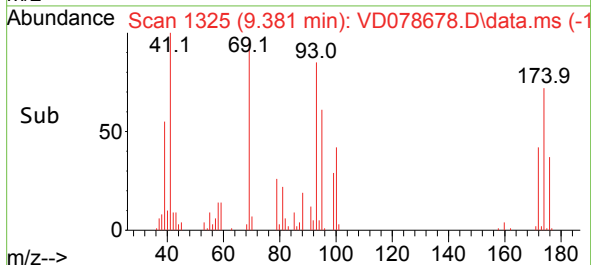
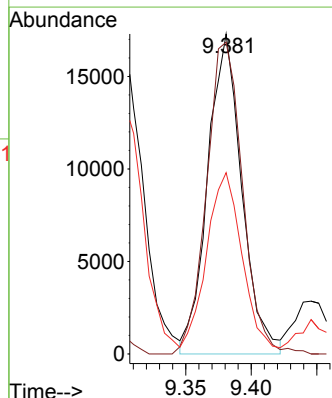
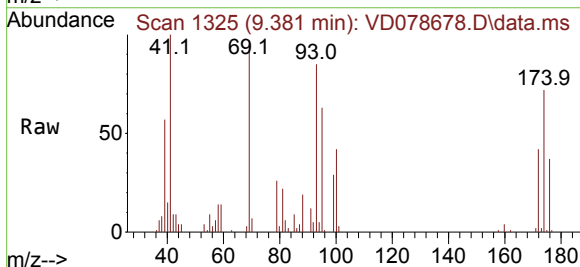
Tgt Ion: 41 Resp: 31281

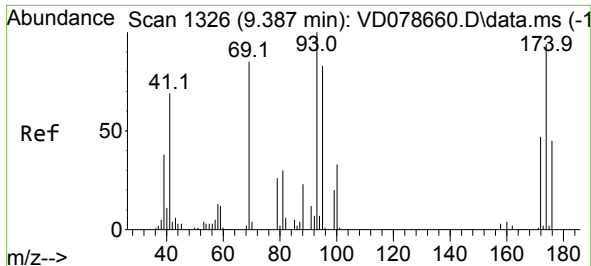
Ion Ratio Lower Upper

41 100

69 102.9 88.3 132.5

39 56.2 46.6 69.8





#49

1,4-Dioxane

Concen: 1161.890 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

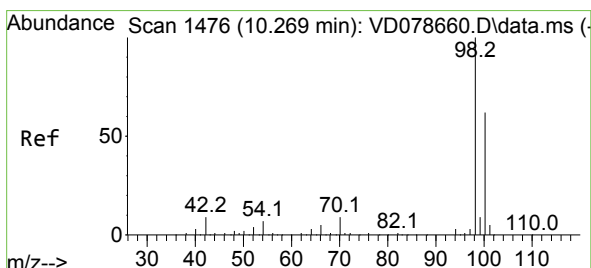
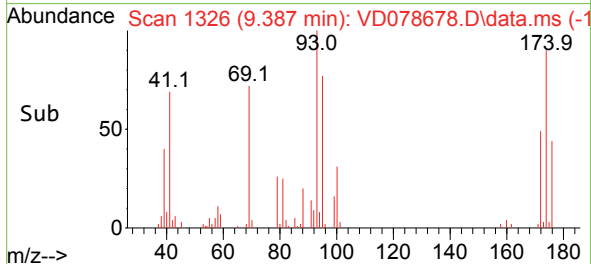
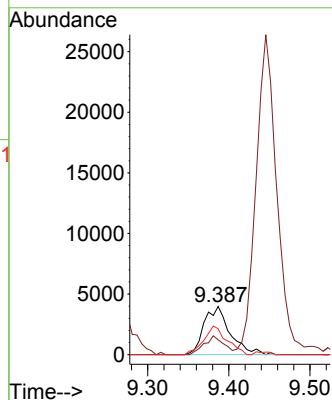
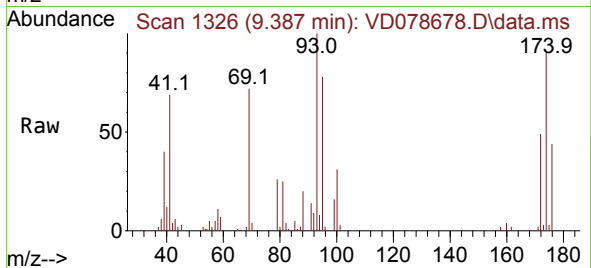
Tgt Ion: 88 Resp: 8893

Ion Ratio Lower Upper

88 100

43 29.3 23.2 34.8

58 52.5 51.0 76.6



#50

Toluene-d8

Concen: 50.450 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078678.D

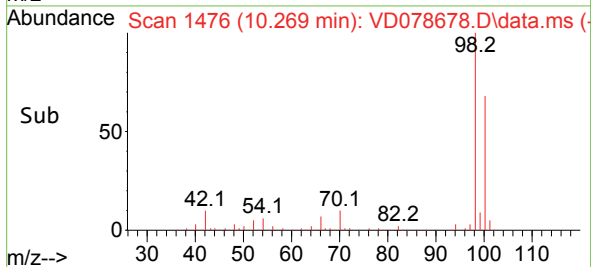
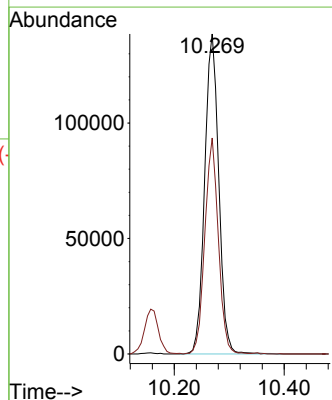
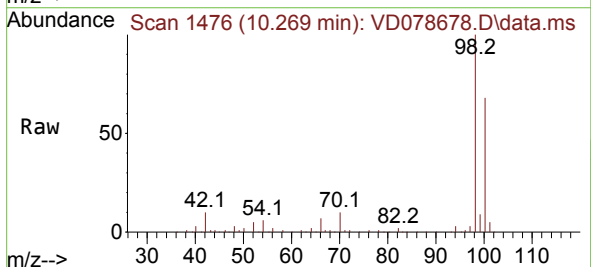
Acq: 15 Mar 2024 09:48

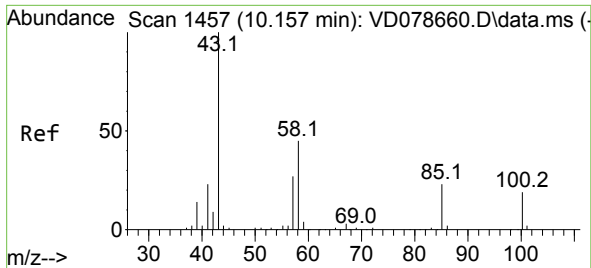
Tgt Ion: 98 Resp: 245918

Ion Ratio Lower Upper

98 100

100 64.9 50.5 75.7

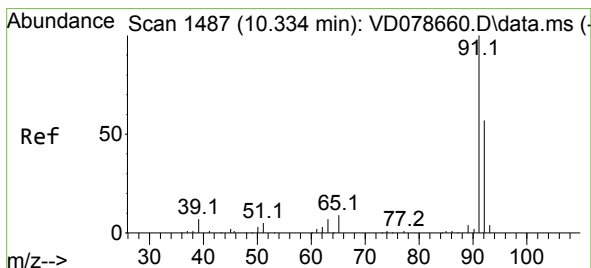
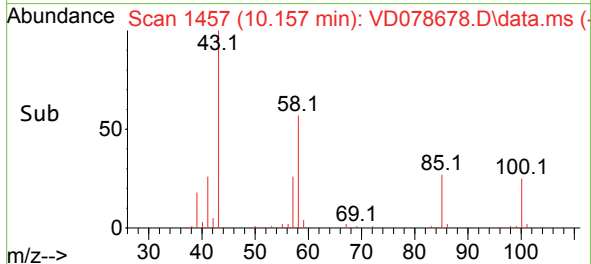
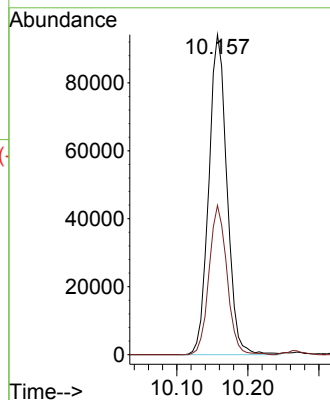
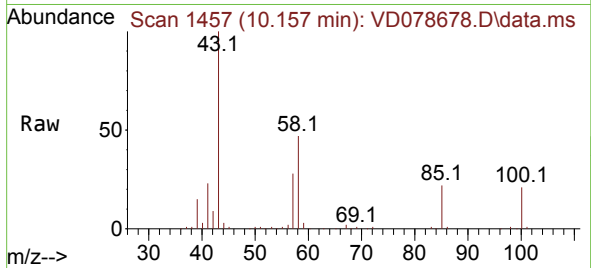




#51
4-Methyl-2-Pentanone
Concen: 280.945 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

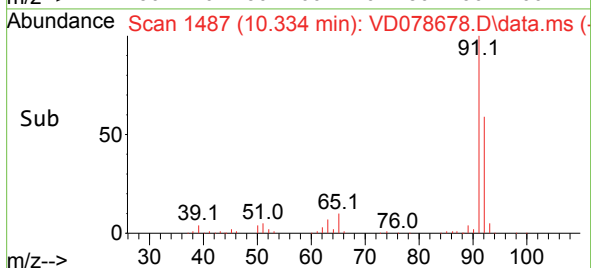
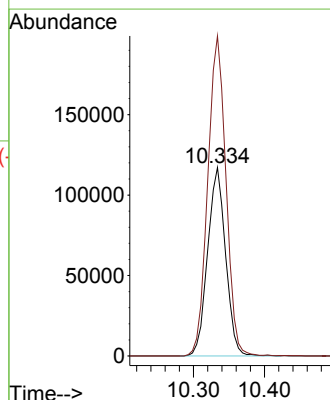
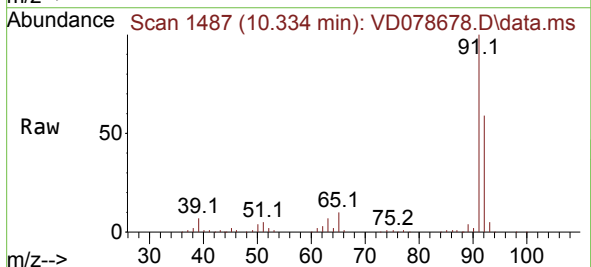
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

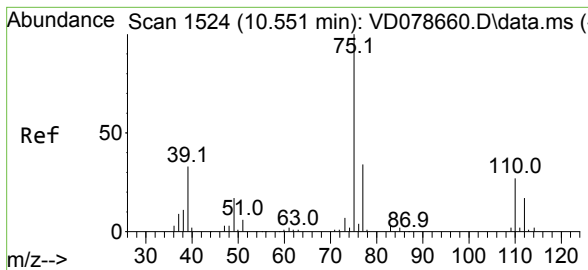
Tgt Ion: 43 Resp: 167811
Ion Ratio Lower Upper
43 100
58 46.0 36.4 54.6



#52
Toluene
Concen: 55.035 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 92 Resp: 205975
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0

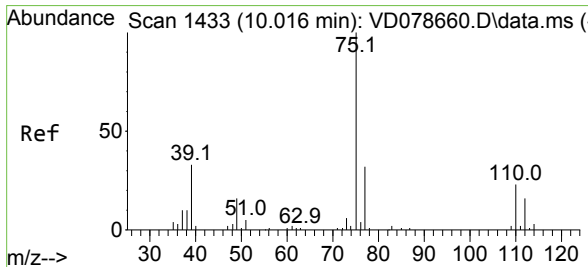
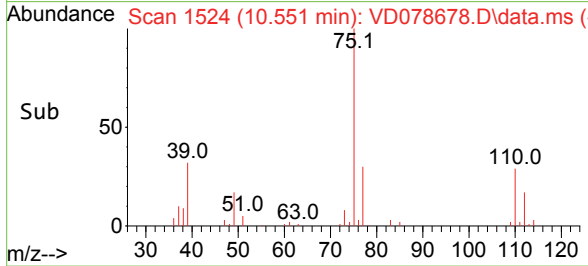
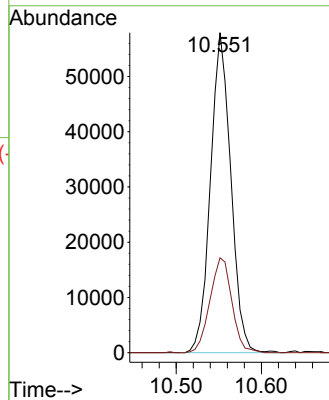
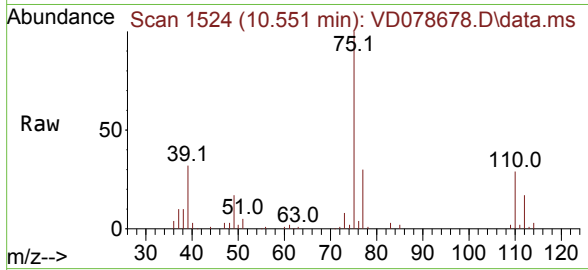




#53
 t-1,3-Dichloropropene
 Concen: 53.537 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078678.D
 Acq: 15 Mar 2024 09:48

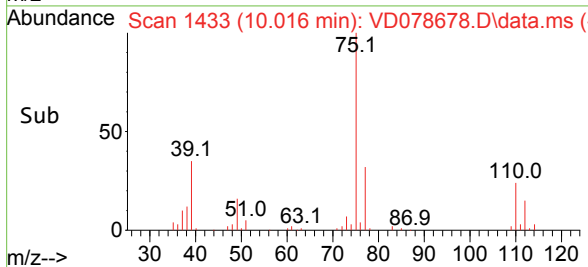
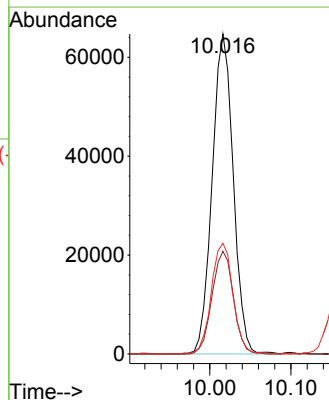
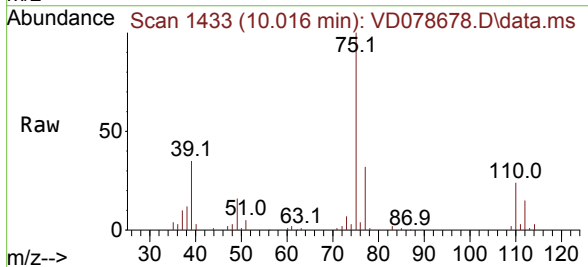
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

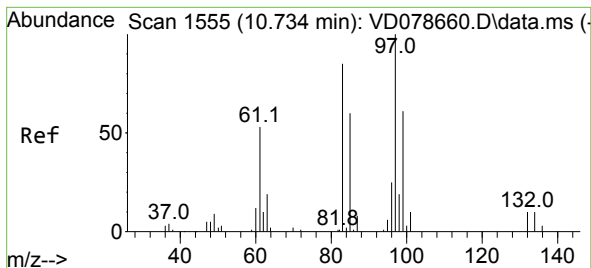
Tgt Ion: 75 Resp: 96328
 Ion Ratio Lower Upper
 75 100
 77 29.7 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.037 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078678.D
 Acq: 15 Mar 2024 09:48

Tgt Ion: 75 Resp: 116883
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 34.6 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 54.037 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 59818

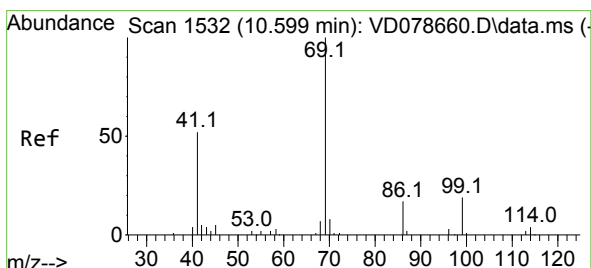
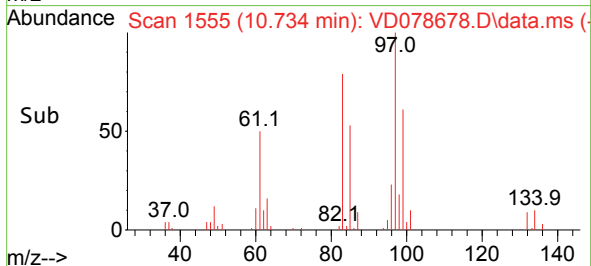
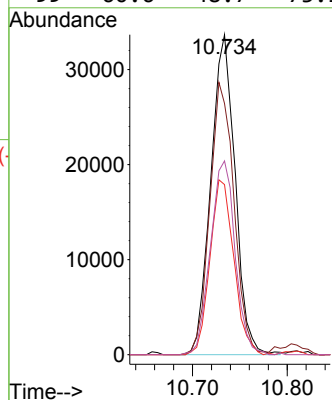
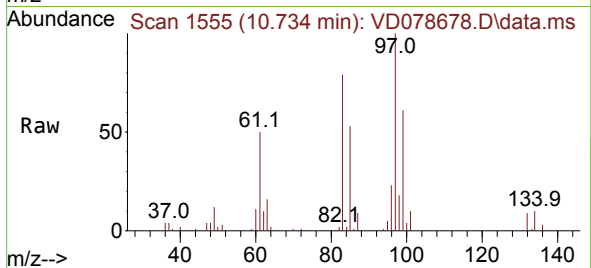
Ion Ratio Lower Upper

97 100

83 78.5 68.1 102.1

85 53.2 48.2 72.2

99 60.6 48.7 73.1



#56

Ethyl methacrylate

Concen: 54.651 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

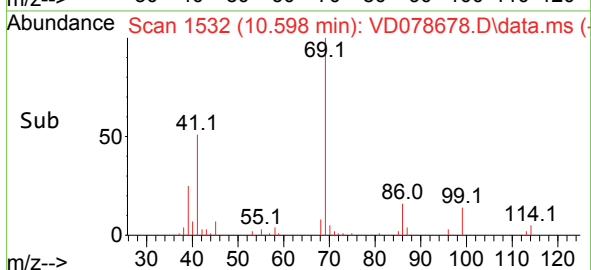
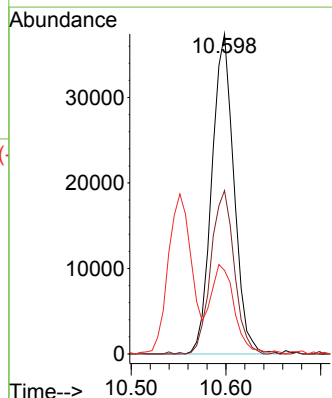
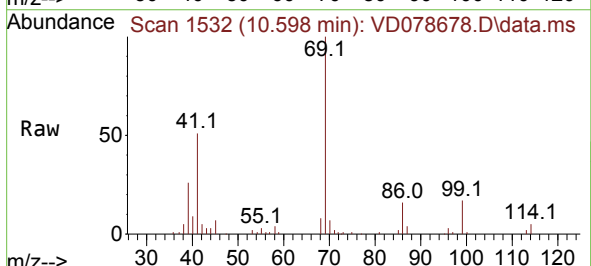
Tgt Ion: 69 Resp: 60648

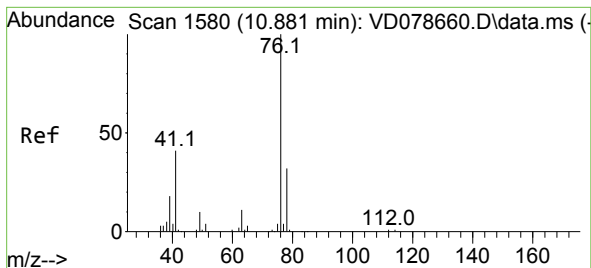
Ion Ratio Lower Upper

69 100

41 54.0 40.9 61.3

39 30.3 25.5 38.3





#57

1,3-Dichloropropane

Concen: 55.438 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

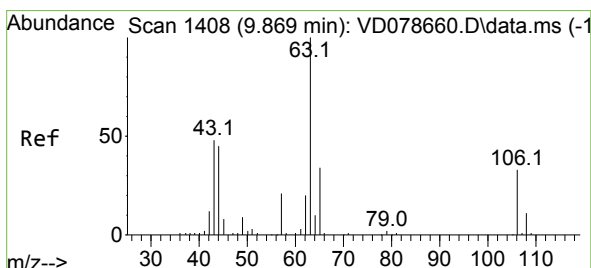
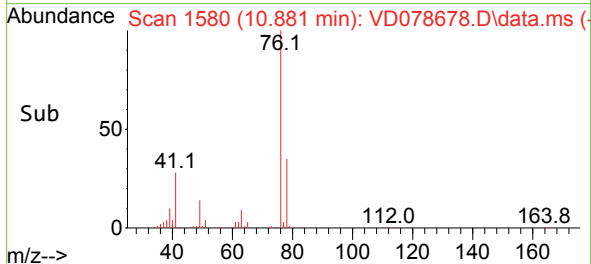
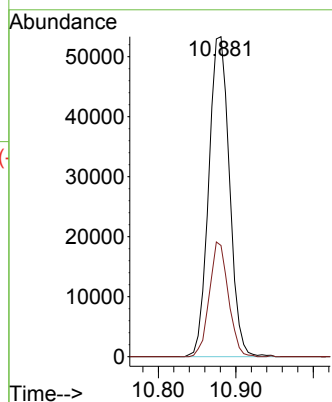
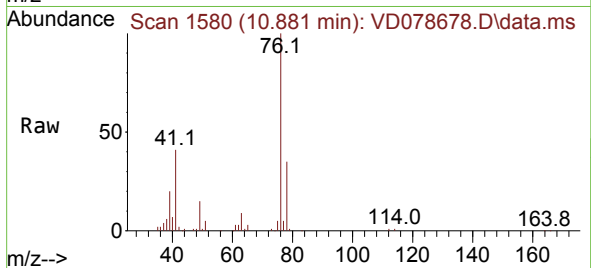
VSTDCCC050

Tgt Ion: 76 Resp: 99025

Ion Ratio Lower Upper

76 100

78 32.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 210.923 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078678.D

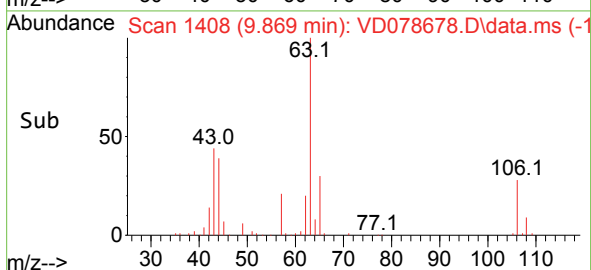
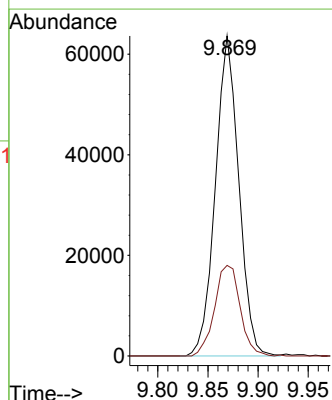
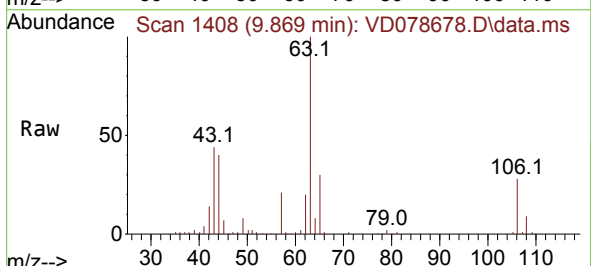
Acq: 15 Mar 2024 09:48

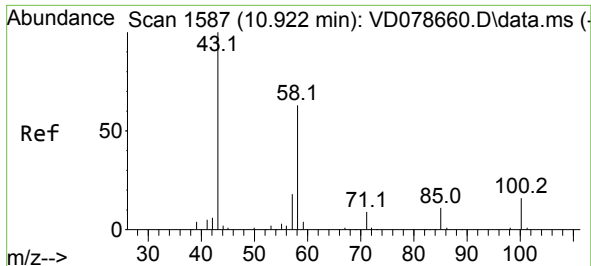
Tgt Ion: 63 Resp: 103210

Ion Ratio Lower Upper

63 100

106 30.9 25.2 37.8

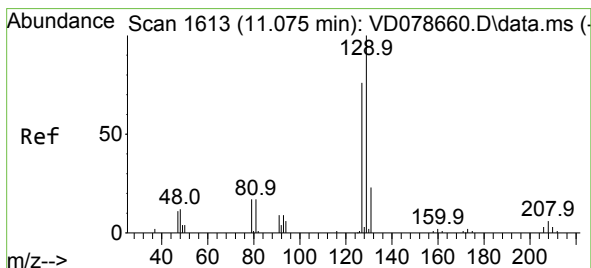
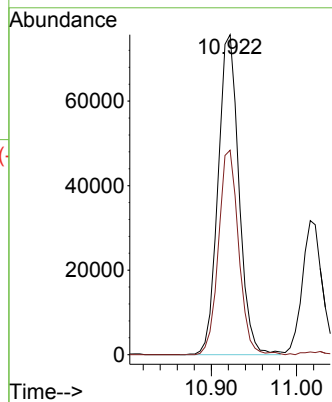
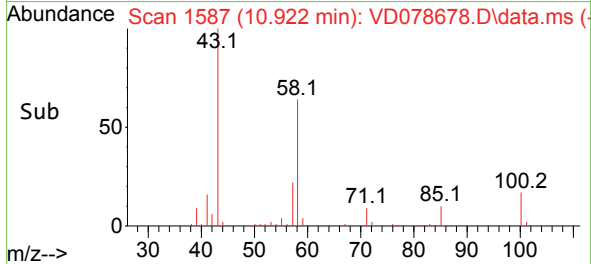
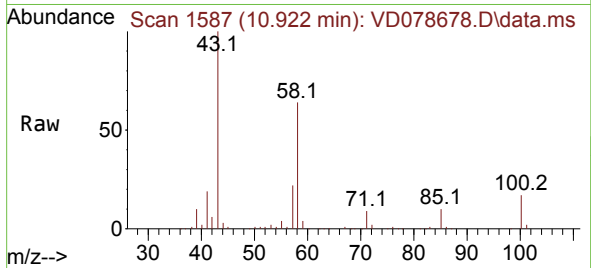




#59
2-Hexanone
Concen: 291.305 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

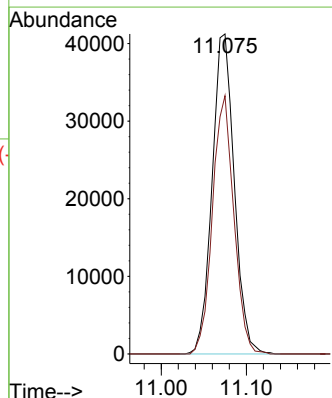
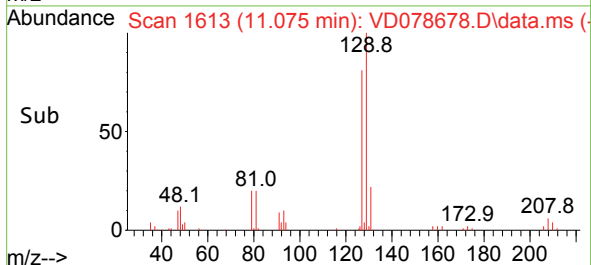
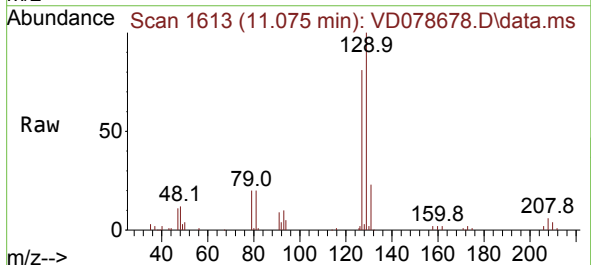
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

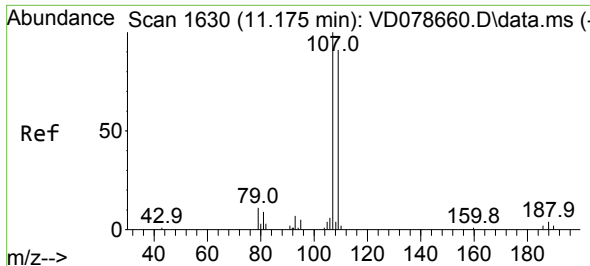
Tgt Ion: 43 Resp: 128987
Ion Ratio Lower Upper
43 100
58 61.7 31.5 94.5



#60
Dibromochloromethane
Concen: 54.607 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 129 Resp: 74547
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3

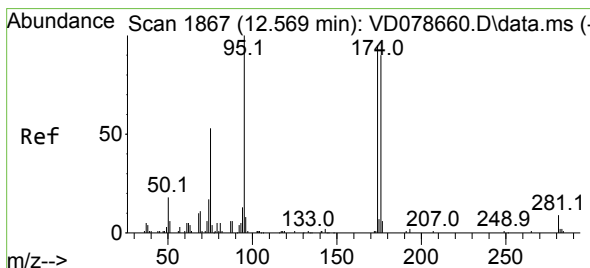
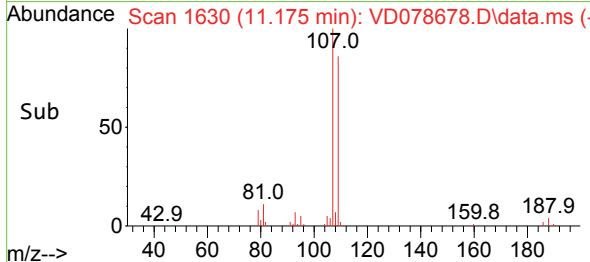
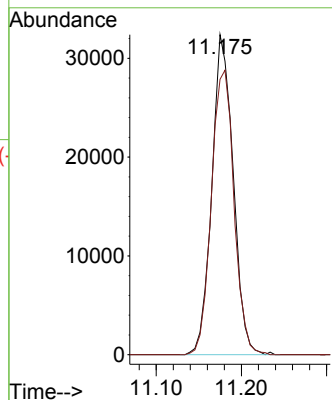
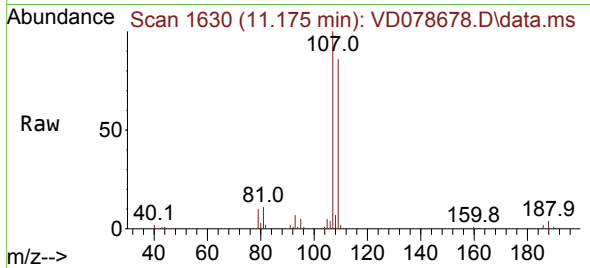




#61
1,2-Dibromoethane
Concen: 52.533 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

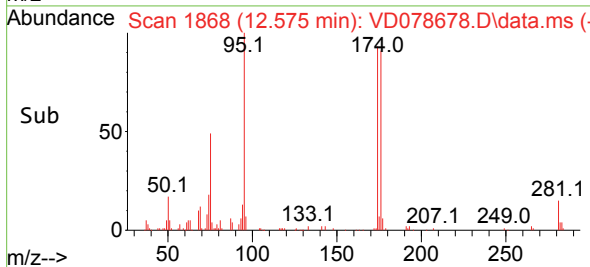
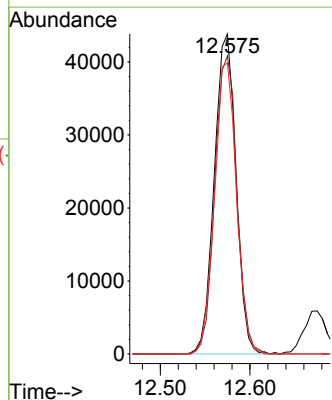
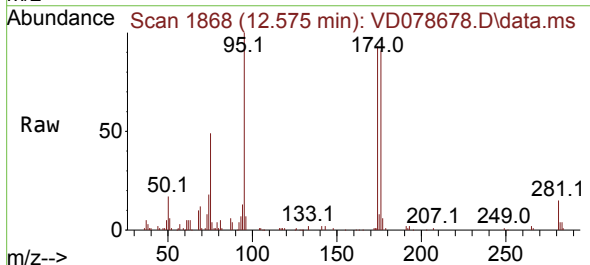
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

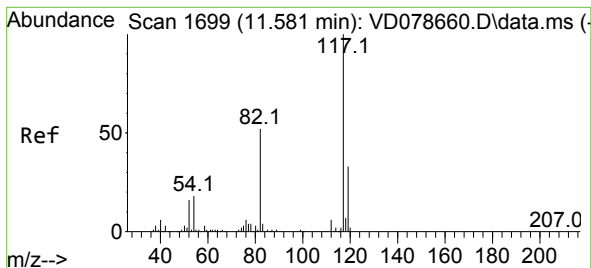
Tgt Ion:107 Resp: 56278
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 51.544 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 95 Resp: 73505
Ion Ratio Lower Upper
95 100
174 95.3 0.0 195.2
176 91.8 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

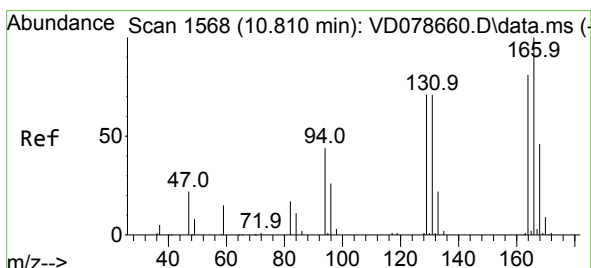
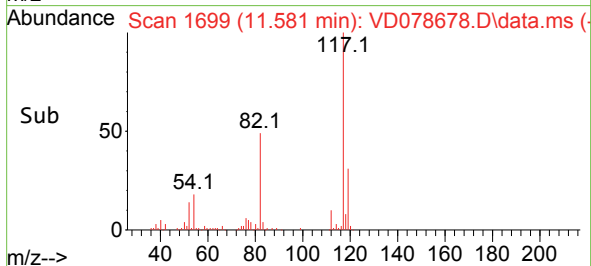
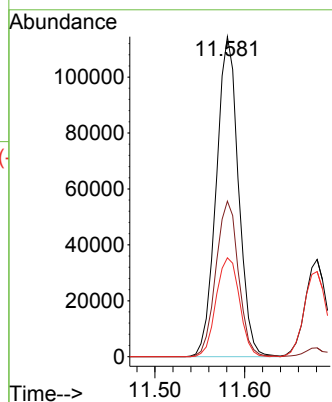
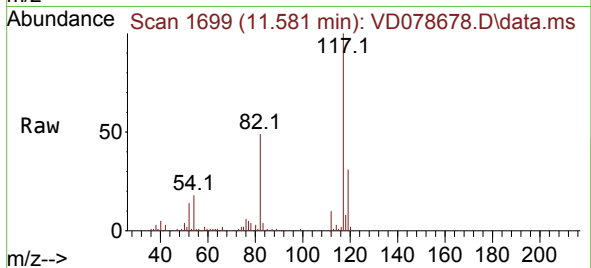
Tgt Ion:117 Resp: 197003

Ion Ratio Lower Upper

117 100

82 48.6 41.4 62.2

119 30.9 26.5 39.7



#64

Tetrachloroethene

Concen: 52.282 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Tgt Ion:164 Resp: 68159

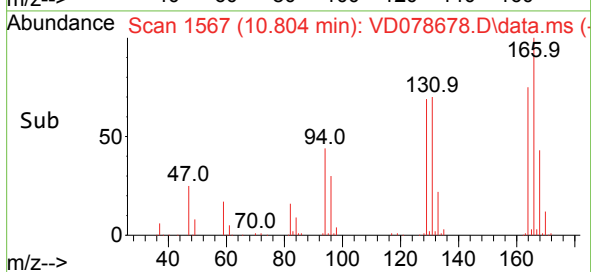
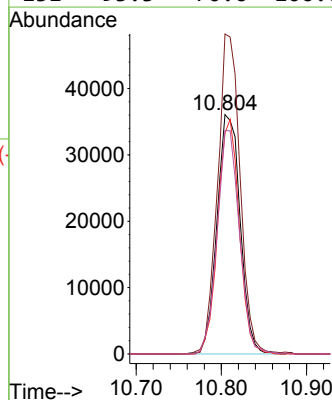
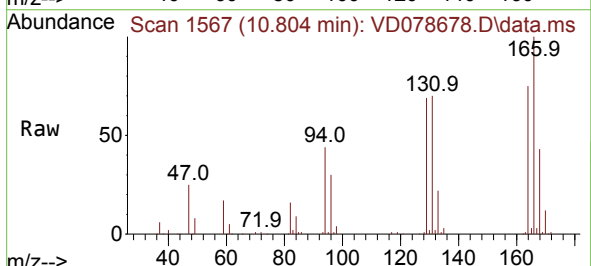
Ion Ratio Lower Upper

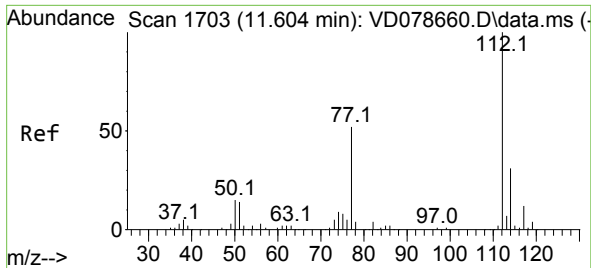
164 100

166 133.7 98.9 148.3

129 92.2 70.3 105.5

131 93.3 70.6 106.0

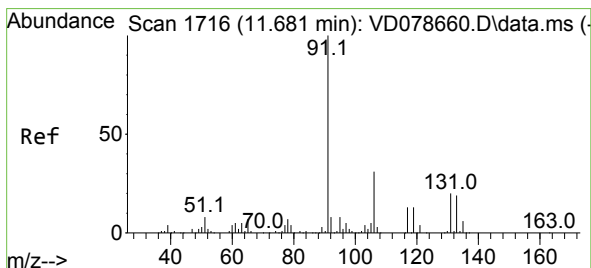
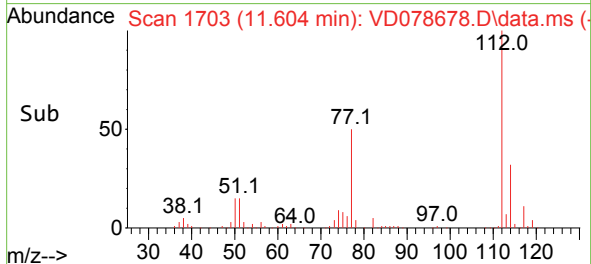
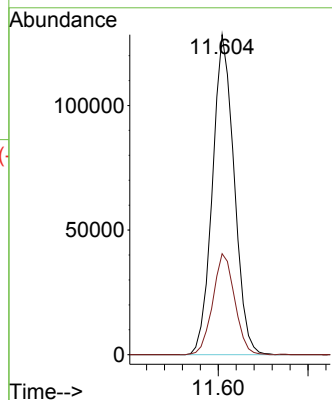
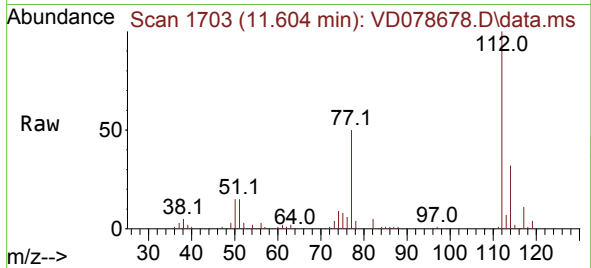




#65
Chlorobenzene
Concen: 52.354 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

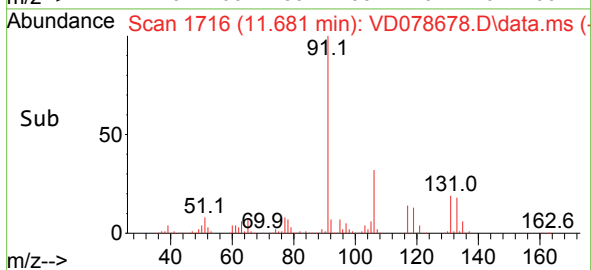
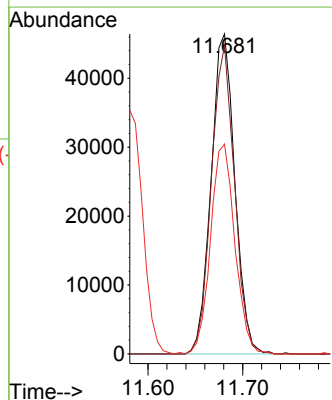
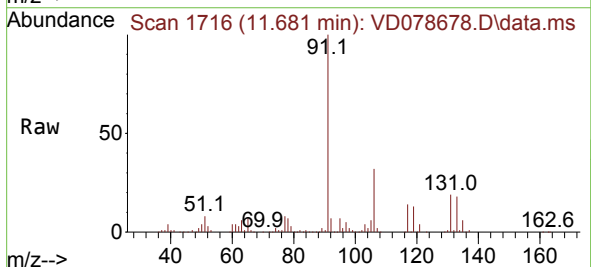
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

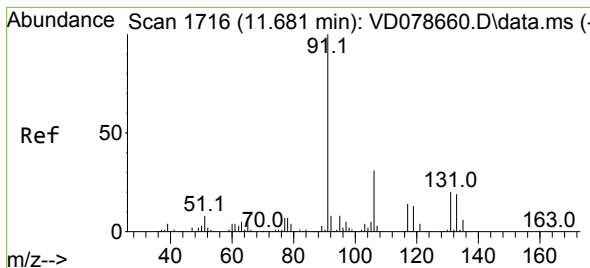
Tgt Ion:112 Resp: 215527
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.662 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion:131 Resp: 80905
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 67.2 34.1 102.3





#67

Ethyl Benzene

Concen: 55.472 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

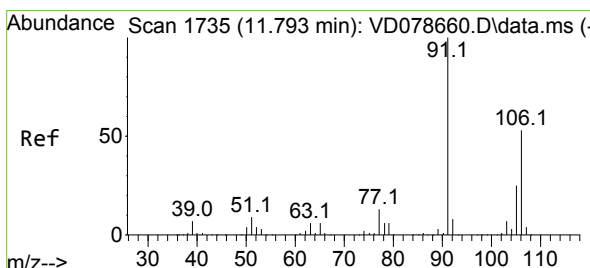
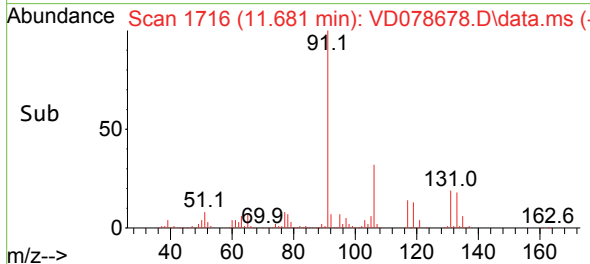
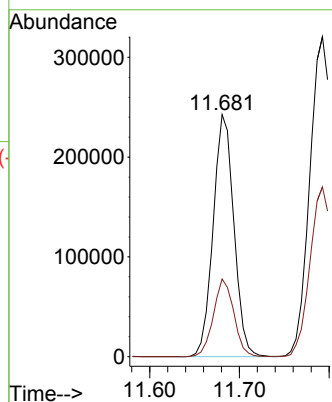
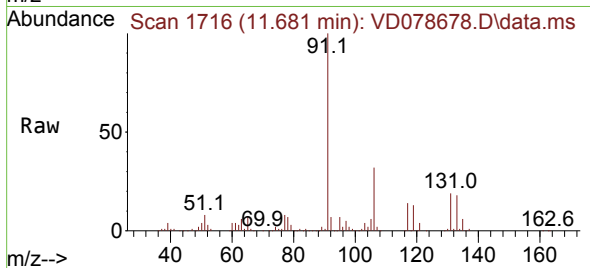
VSTDCCC050

Tgt Ion: 91 Resp: 389148

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 110.377 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078678.D

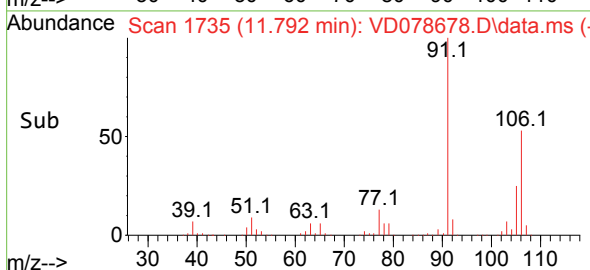
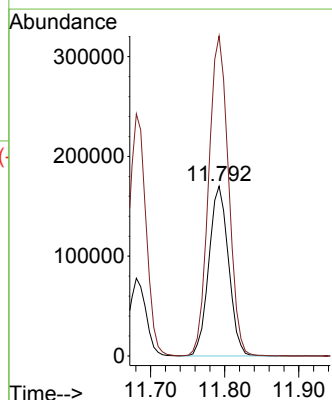
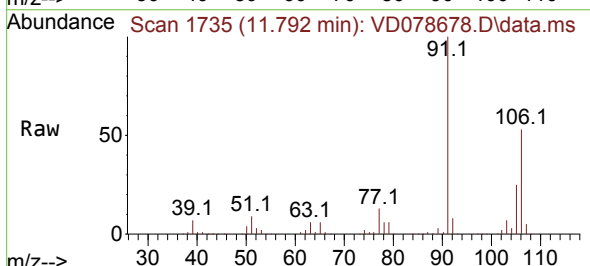
Acq: 15 Mar 2024 09:48

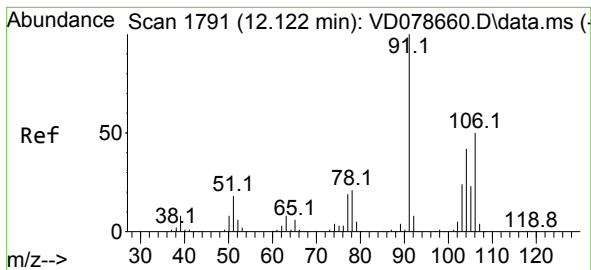
Tgt Ion: 106 Resp: 314426

Ion Ratio Lower Upper

106 100

91 189.8 154.4 231.6





#69

o-Xylene

Concen: 55.388 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

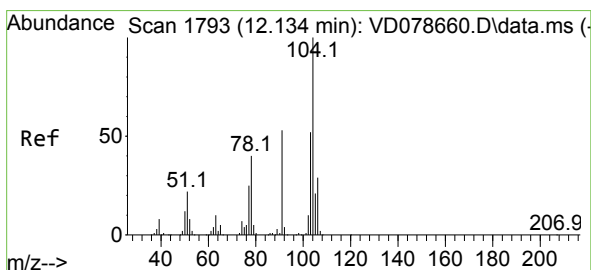
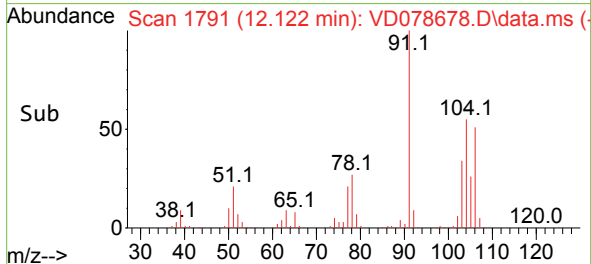
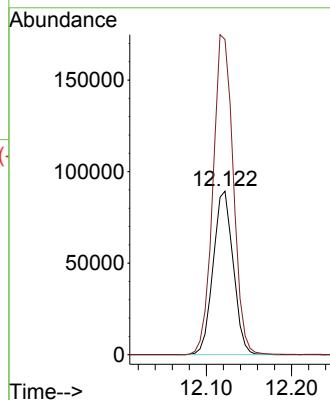
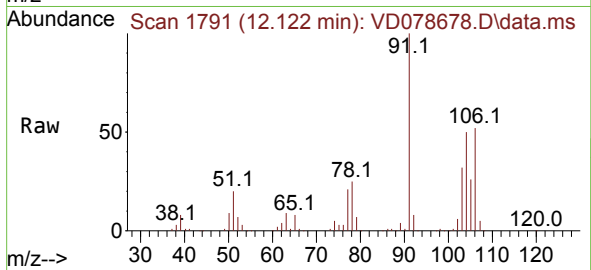
VSTDCCC050

Tgt Ion:106 Resp: 145986

Ion Ratio Lower Upper

106 100

91 198.2 99.6 298.7



#70

Styrene

Concen: 56.809 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

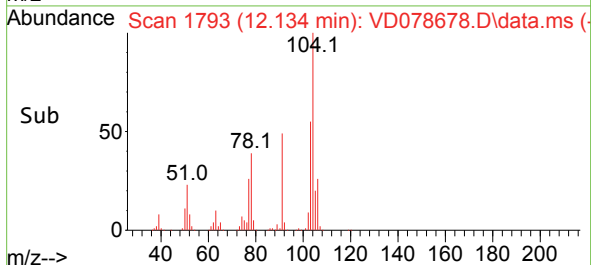
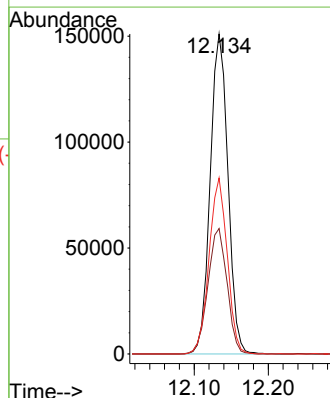
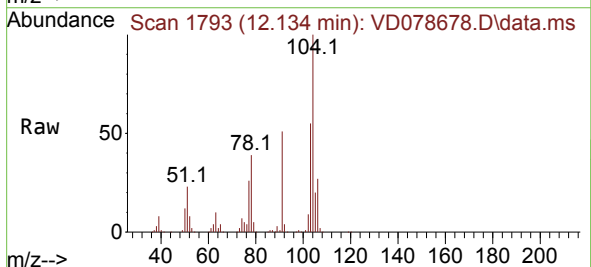
Tgt Ion:104 Resp: 251314

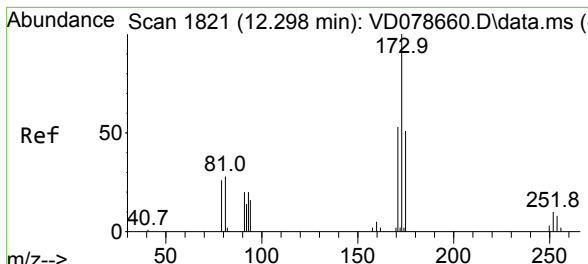
Ion Ratio Lower Upper

104 100

78 42.4 34.6 52.0

103 56.4 44.2 66.2

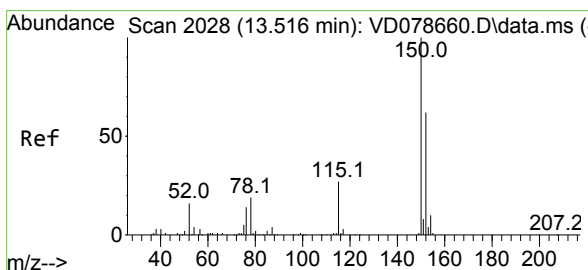
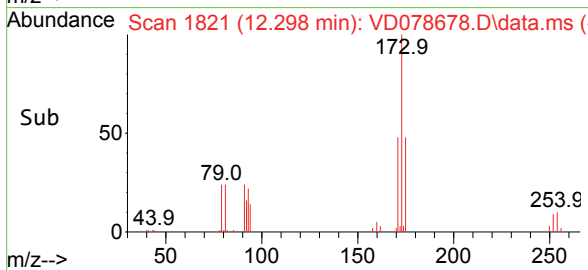
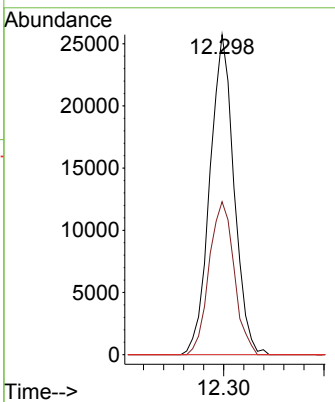
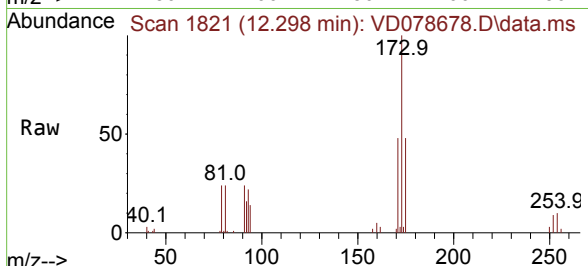




#71
 Bromoform
 Concen: 52.742 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078678.D
 Acq: 15 Mar 2024 09:48

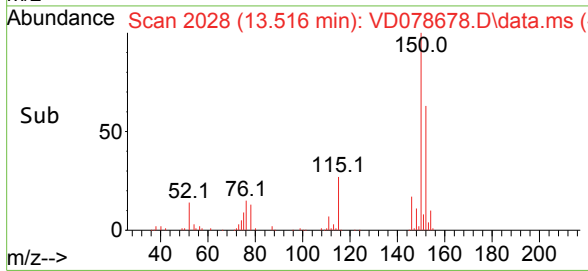
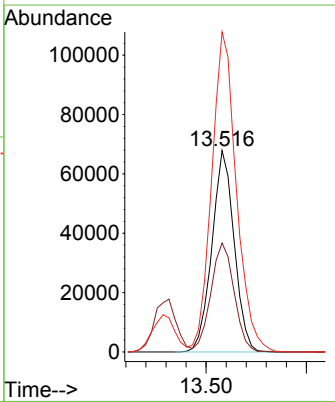
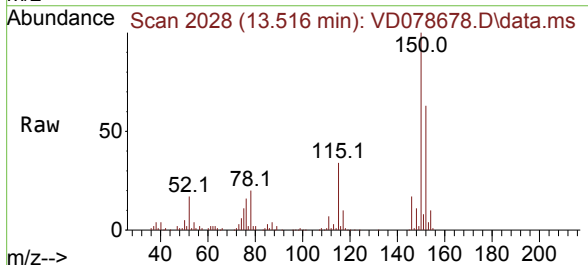
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

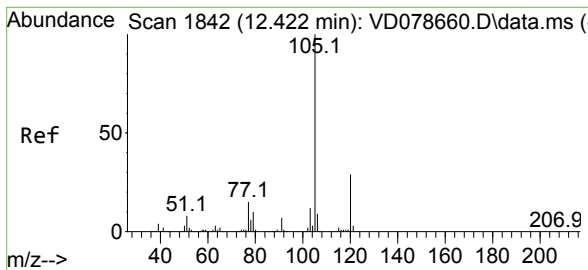
Tgt Ion:	173	Resp:	42973
Ion	Ratio	Lower	Upper
173	100		
175	49.5	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078678.D
 Acq: 15 Mar 2024 09:48

Tgt Ion:	152	Resp:	104735
Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.1	81.2
150	176.0	0.0	350.2

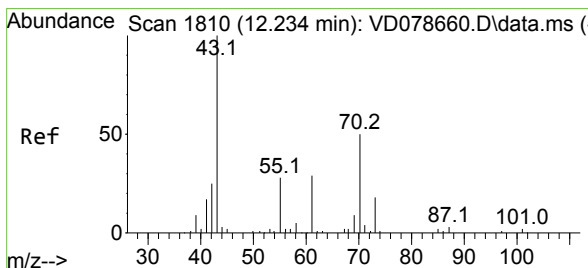
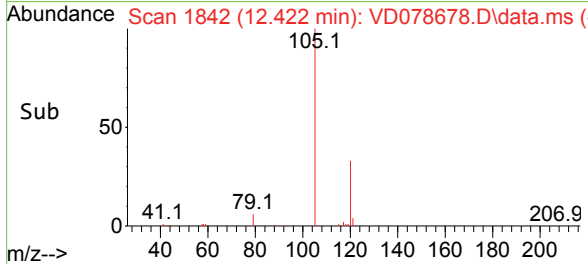
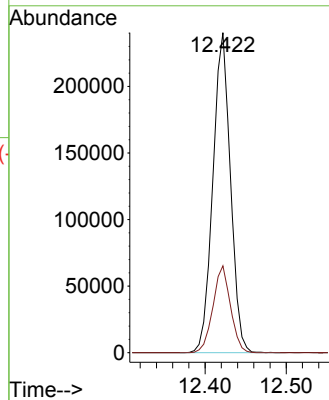
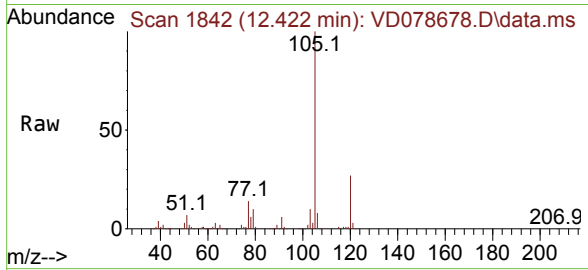




#73
Isopropylbenzene
Concen: 52.364 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

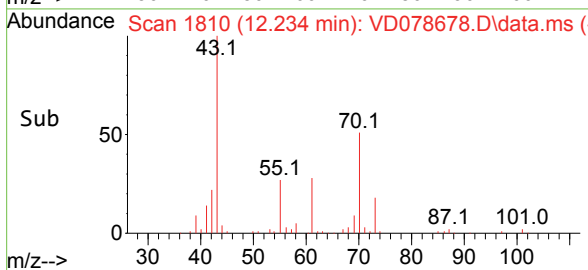
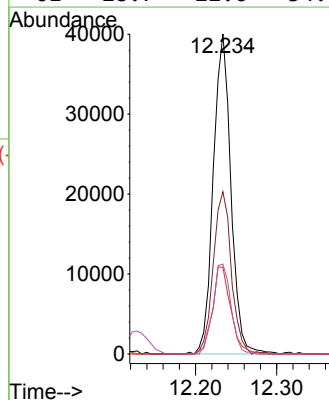
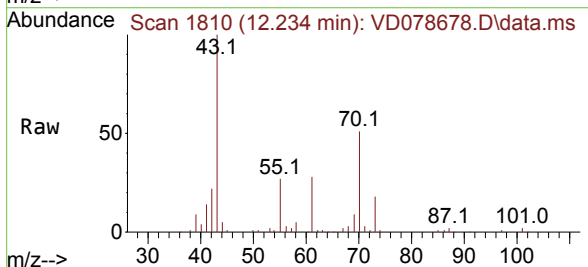
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

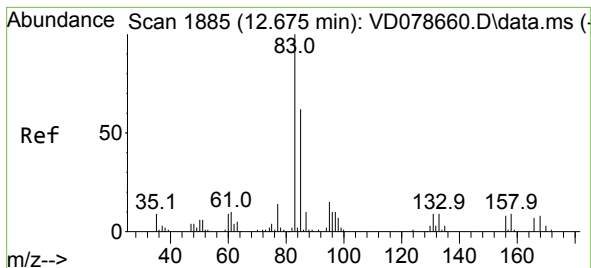
Tgt Ion:105 Resp: 361094
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0



#74
N-ethyl acetate
Concen: 53.919 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 43 Resp: 60367
Ion Ratio Lower Upper
43 100
70 52.1 42.1 63.1
55 28.3 22.6 33.8
61 28.7 22.6 34.0

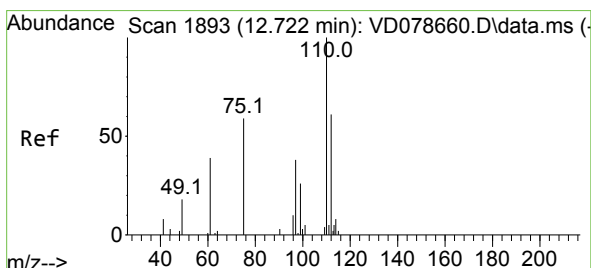
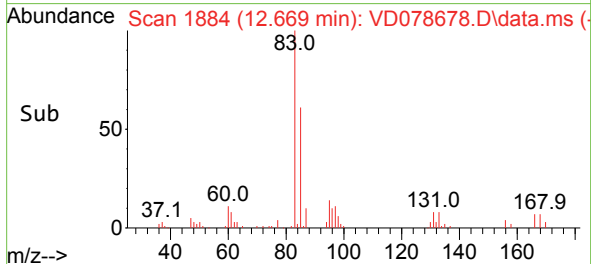
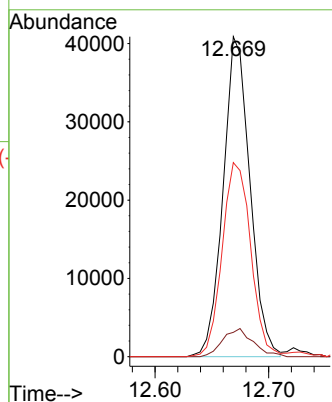
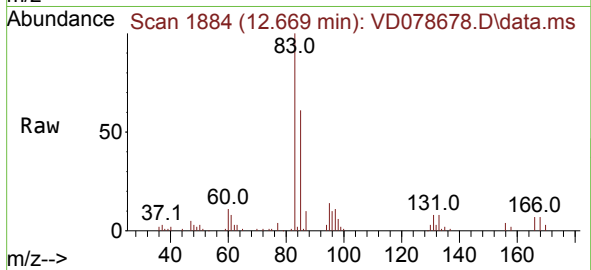




#75
1,1,2,2-Tetrachloroethane
Concen: 52.539 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

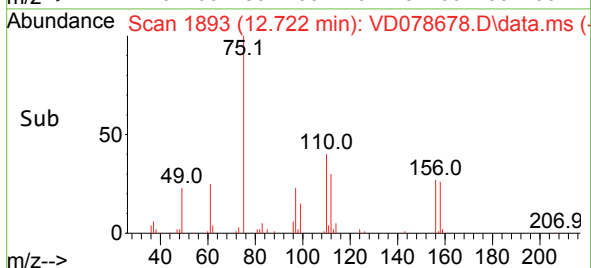
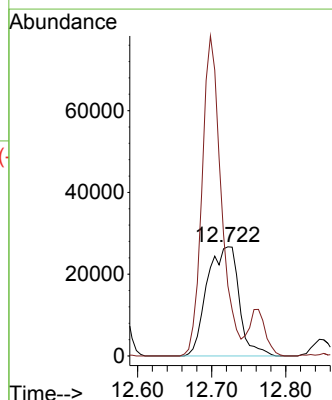
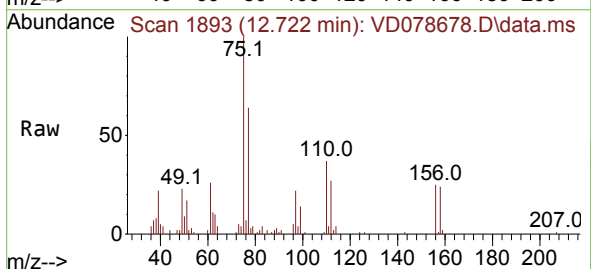
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

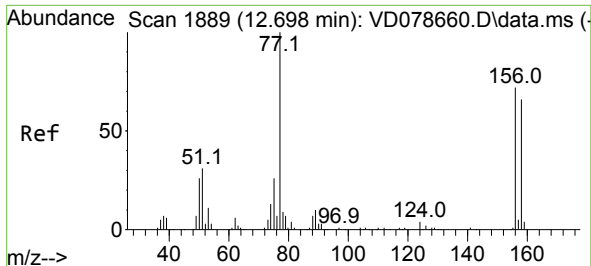
Tgt Ion: 83 Resp: 67068
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 99.037 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 75 Resp: 79915
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

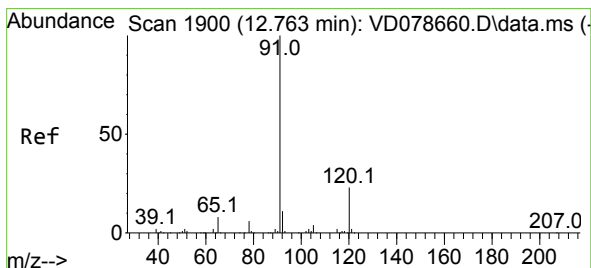
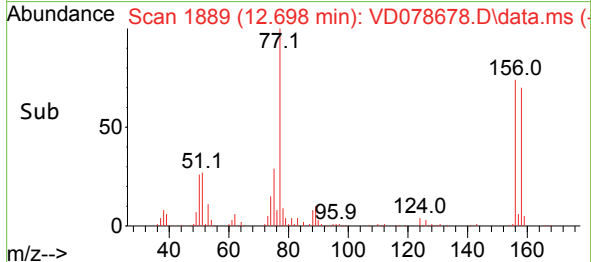
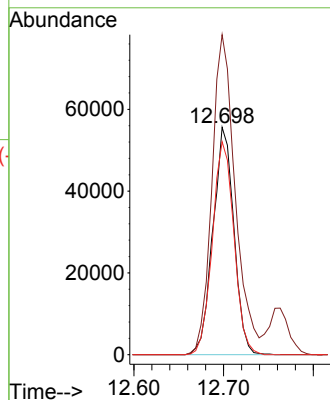
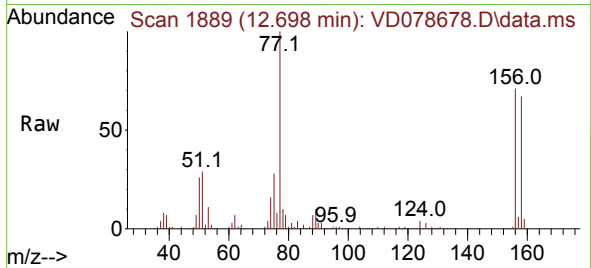




#77
Bromobenzene
Concen: 52.748 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

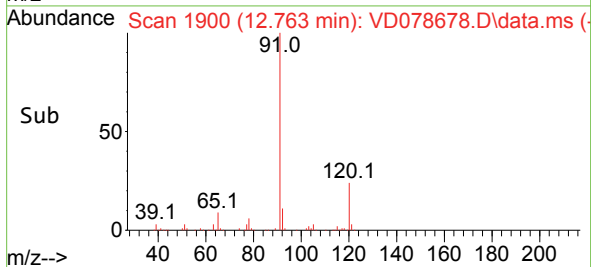
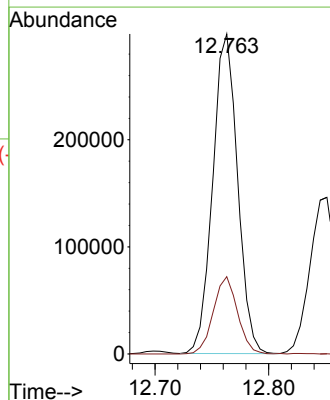
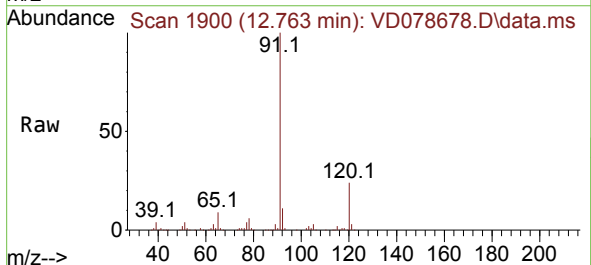
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

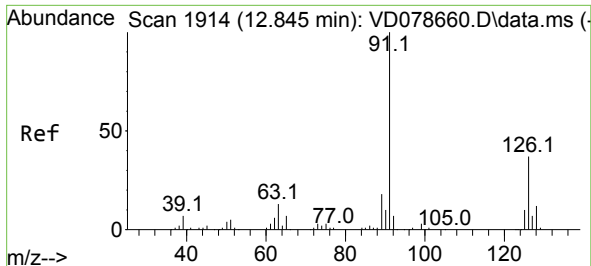
Tgt Ion:156 Resp: 90206
Ion Ratio Lower Upper
156 100
77 156.3 79.1 237.3
158 96.4 47.0 141.0



#78
n-propylbenzene
Concen: 54.019 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 91 Resp: 453422
Ion Ratio Lower Upper
91 100
120 23.5 11.7 35.1

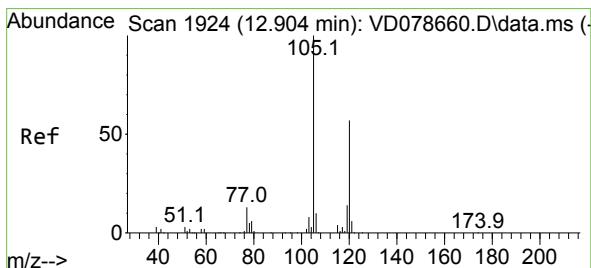
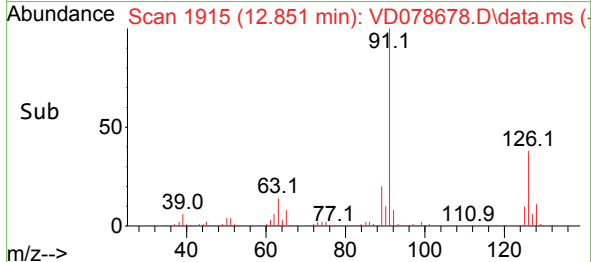
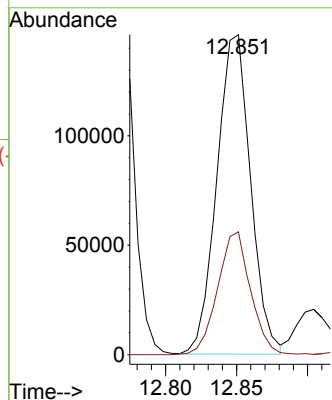
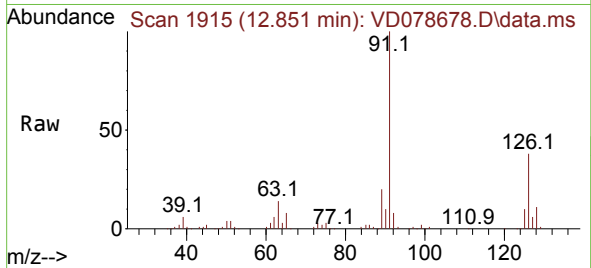




#79
2-Chlorotoluene
Concen: 52.412 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

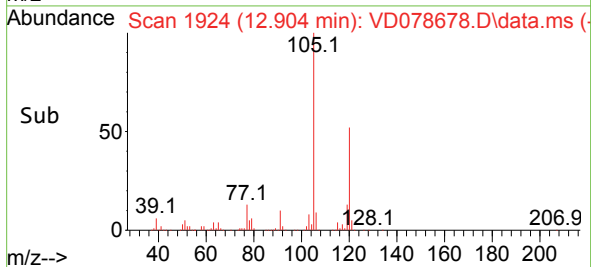
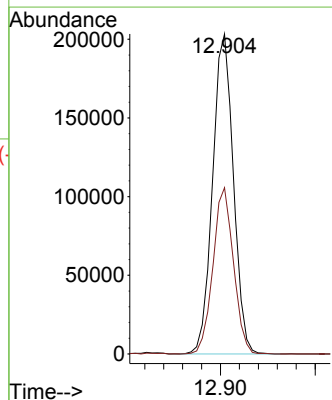
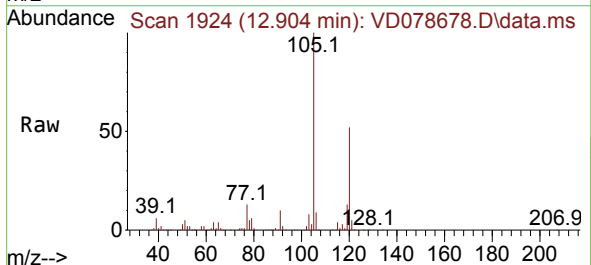
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

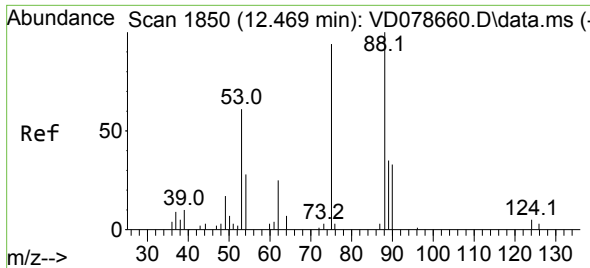
Tgt Ion: 91 Resp: 241341
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 54.423 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion: 105 Resp: 310344
Ion Ratio Lower Upper
105 100
120 51.3 25.9 77.7

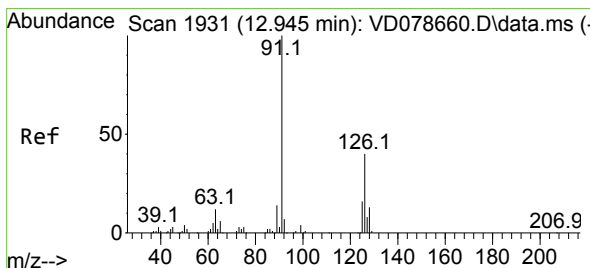
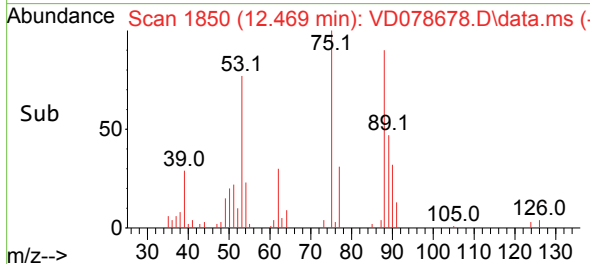
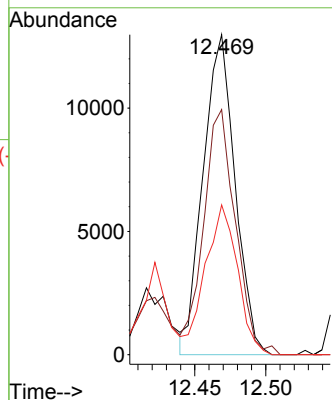
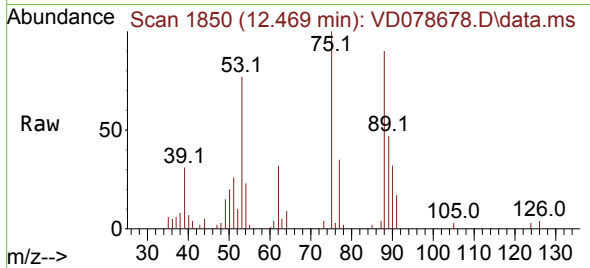




#81
trans-1,4-Dichloro-2-butene
Concen: 52.653 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

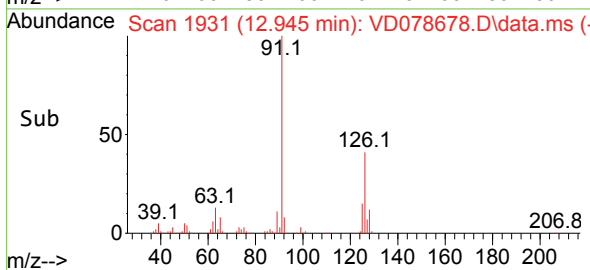
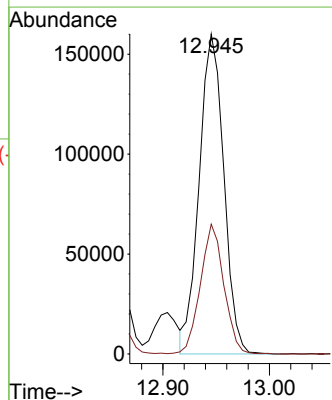
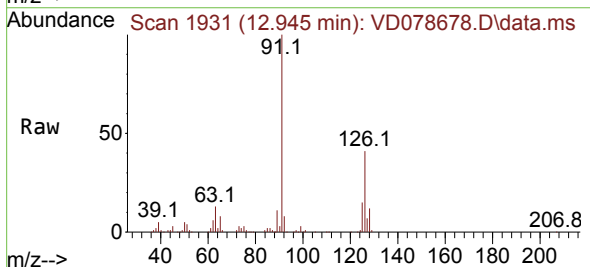
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

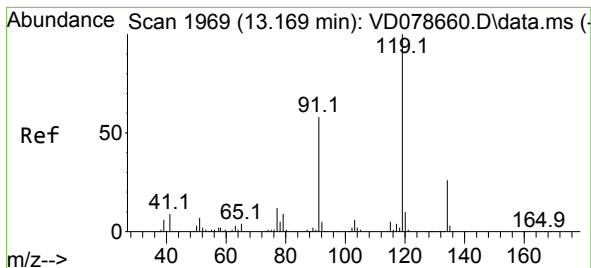
Tgt Ion:	75	Resp:	20269
Ion	Ratio	Lower	Upper
75	100		
53	76.7	61.0	91.6
89	47.7	35.4	53.0



#82
4-Chlorotoluene
Concen: 52.827 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion:	91	Resp:	257289
Ion	Ratio	Lower	Upper
91	100		
126	38.7	18.9	56.5





#83

tert-Butylbenzene

Concen: 54.230 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

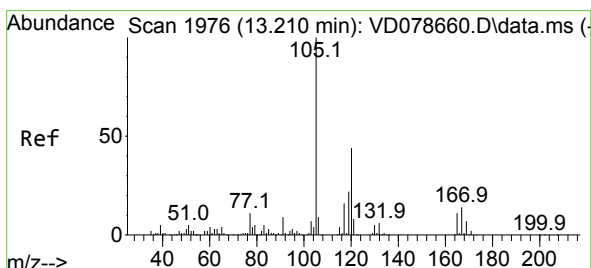
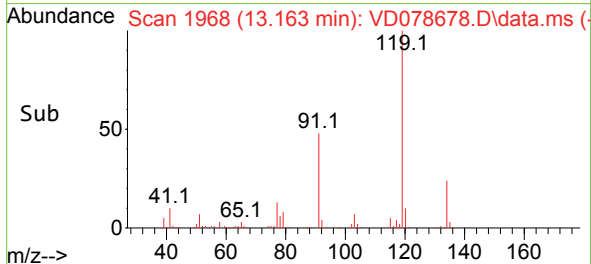
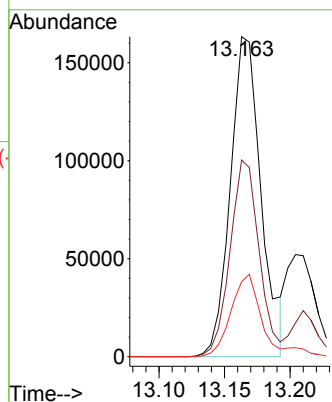
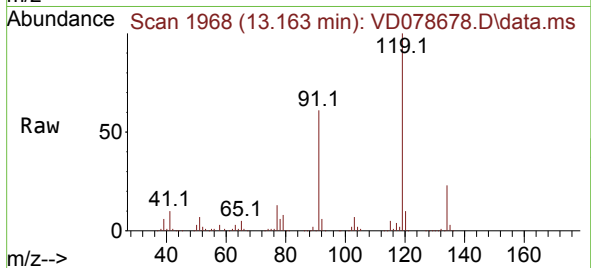
Tgt Ion:119 Resp: 266647

Ion Ratio Lower Upper

119 100

91 58.3 28.9 86.7

134 26.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 55.939 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078678.D

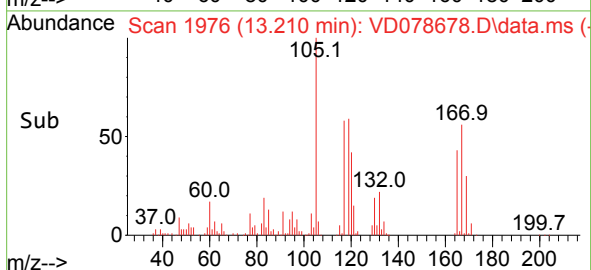
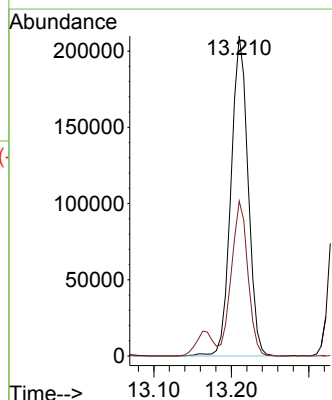
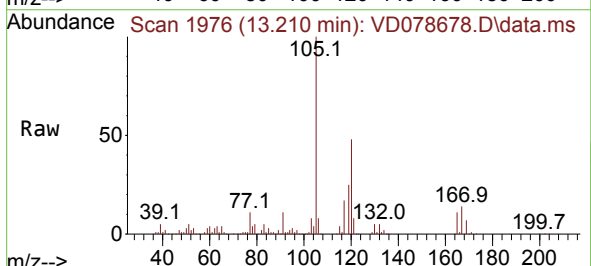
Acq: 15 Mar 2024 09:48

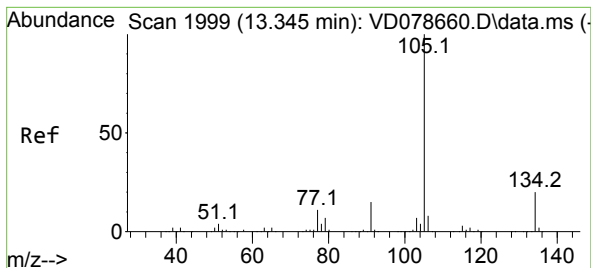
Tgt Ion:105 Resp: 321463

Ion Ratio Lower Upper

105 100

120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.503 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

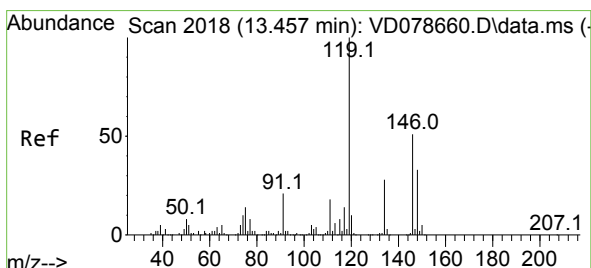
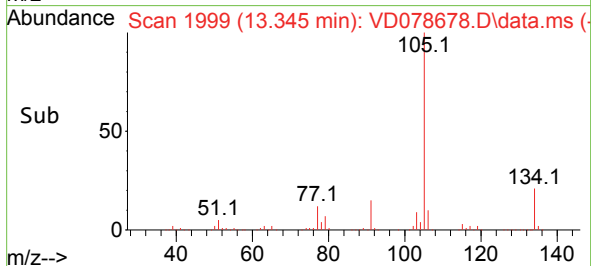
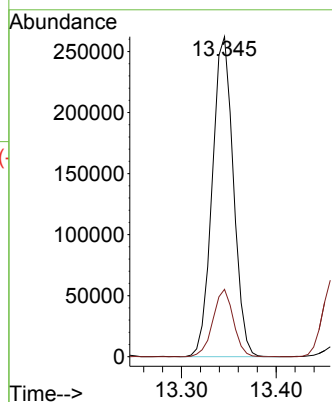
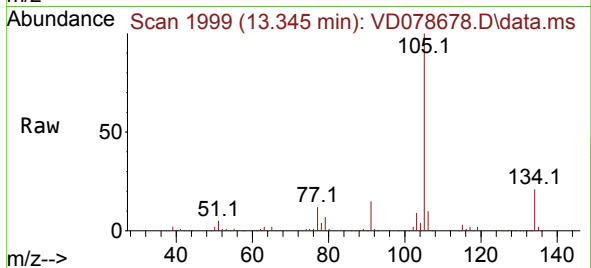
VSTDCCC050

Tgt Ion:105 Resp: 405551

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 56.396 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

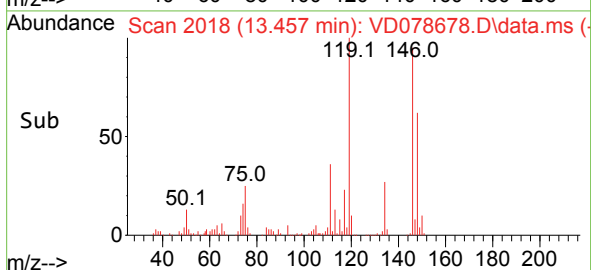
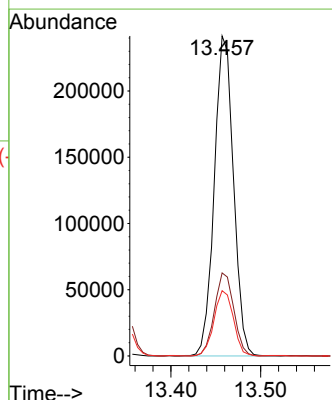
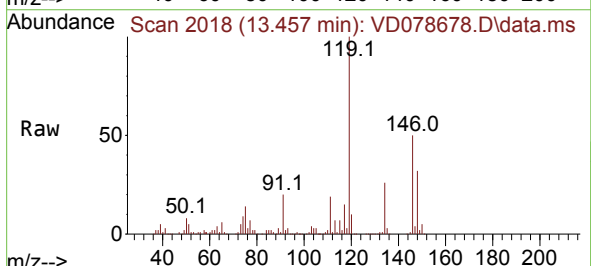
Tgt Ion:119 Resp: 359241

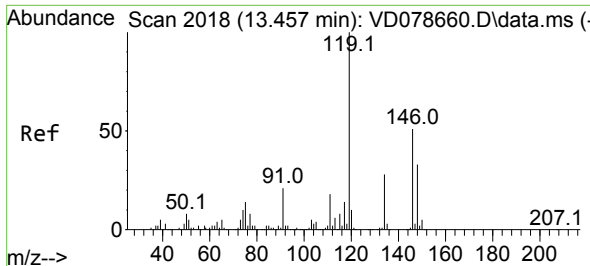
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.5

91 20.6 10.4 31.2

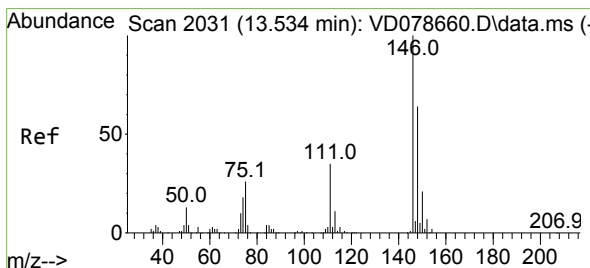
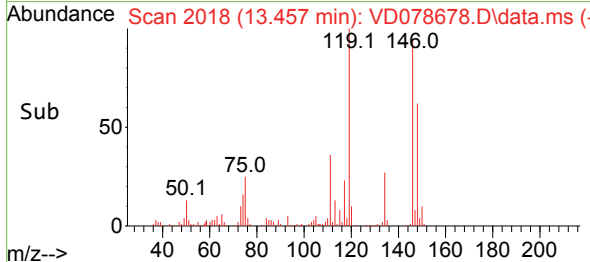
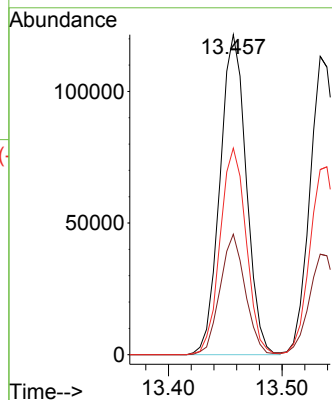
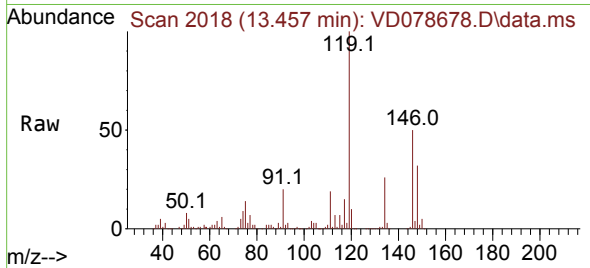




#87
1,3-Dichlorobenzene
Concen: 54.212 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

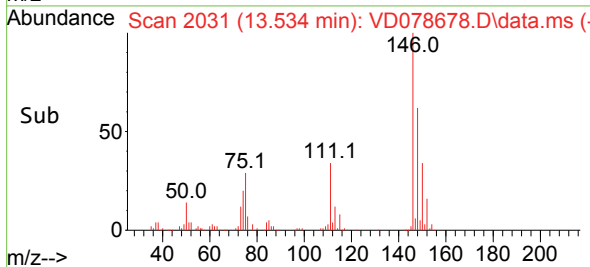
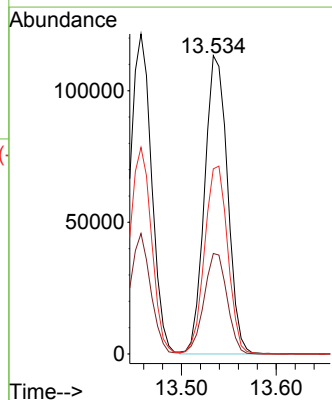
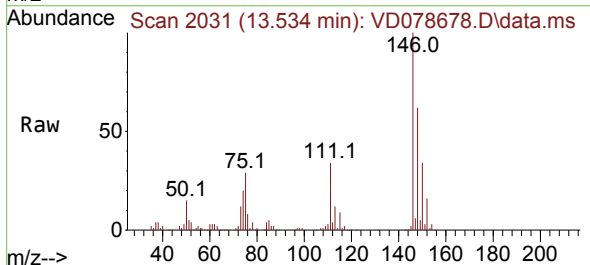
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

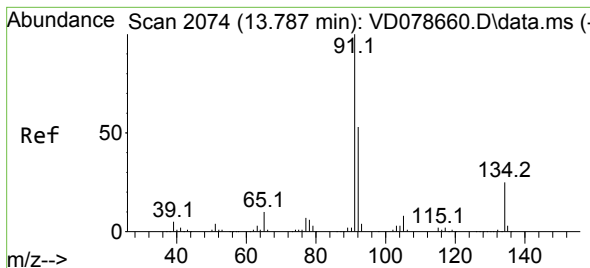
Tgt Ion:146 Resp: 195643
Ion Ratio Lower Upper
146 100
111 36.0 18.2 54.6
148 64.1 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 53.499 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion:146 Resp: 190276
Ion Ratio Lower Upper
146 100
111 34.0 17.8 53.3
148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 55.619 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

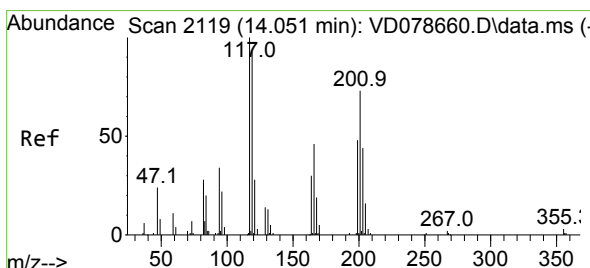
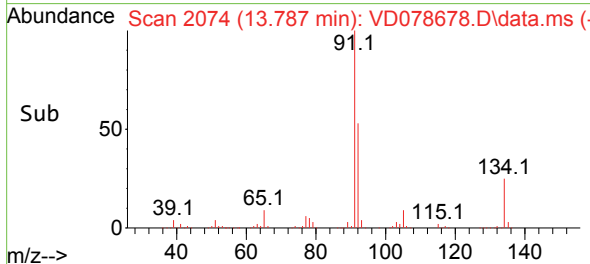
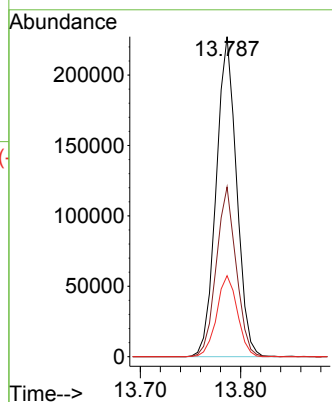
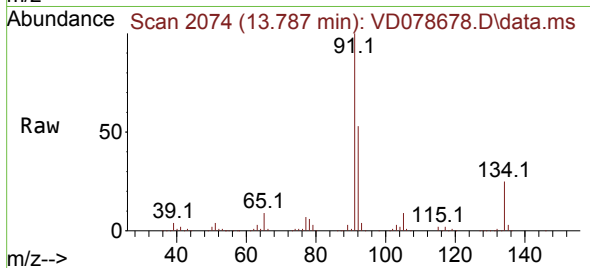
Tgt Ion: 91 Resp: 319967

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 52.609 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078678.D

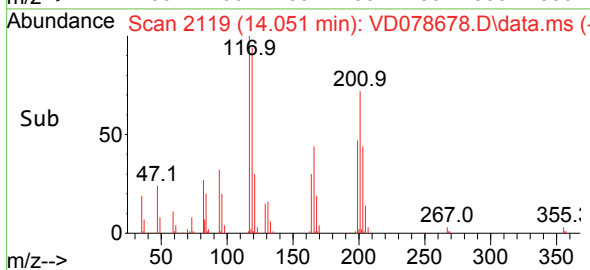
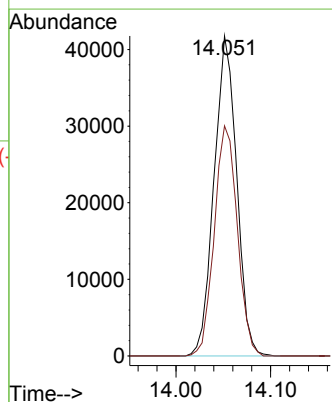
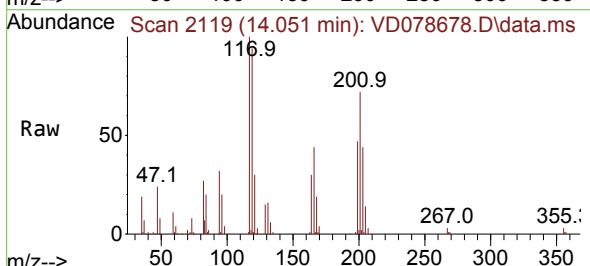
Acq: 15 Mar 2024 09:48

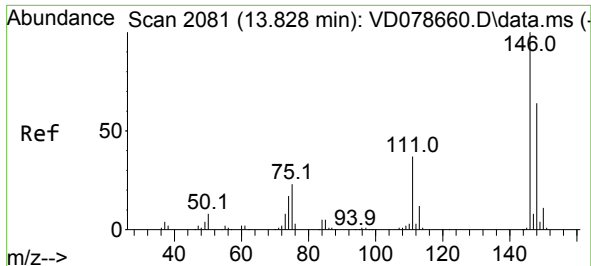
Tgt Ion: 117 Resp: 69342

Ion Ratio Lower Upper

117 100

201 73.3 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 52.621 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

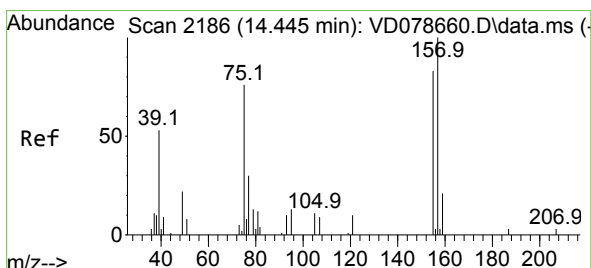
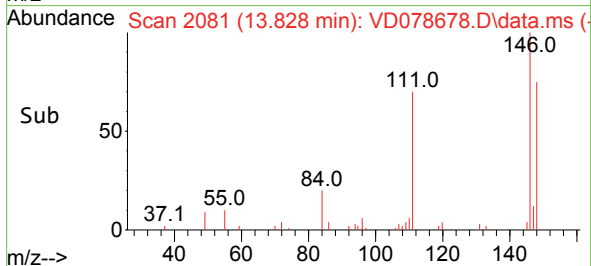
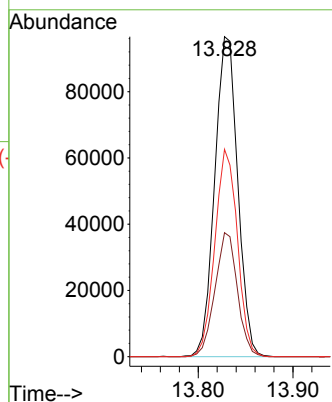
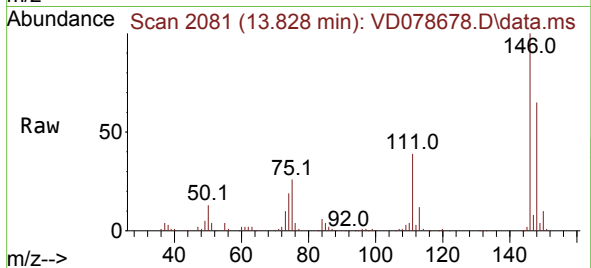
Tgt Ion:146 Resp: 163556

Ion Ratio Lower Upper

146 100

111 37.8 18.6 56.0

148 63.4 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.225 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

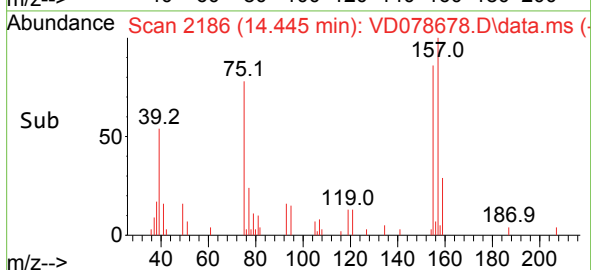
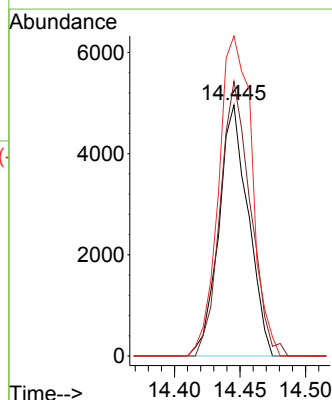
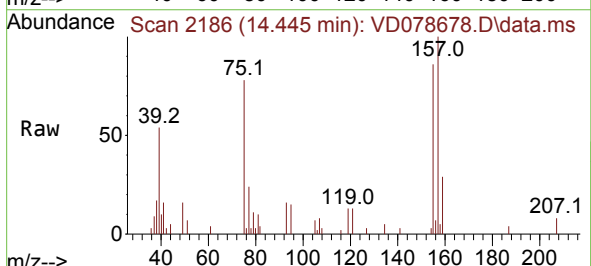
Tgt Ion: 75 Resp: 7723

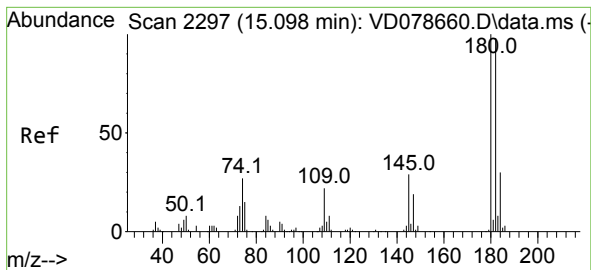
Ion Ratio Lower Upper

75 100

155 112.6 49.8 149.3

157 144.8 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 52.507 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

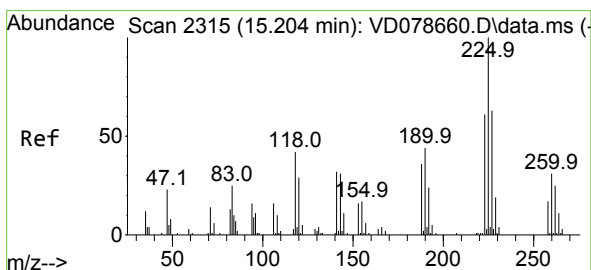
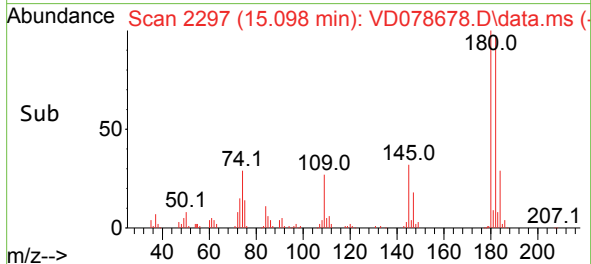
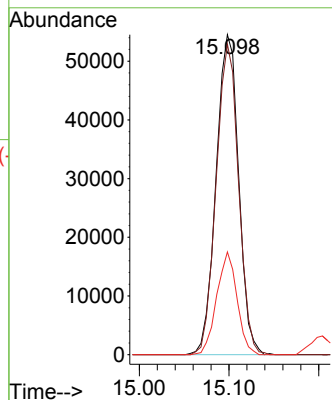
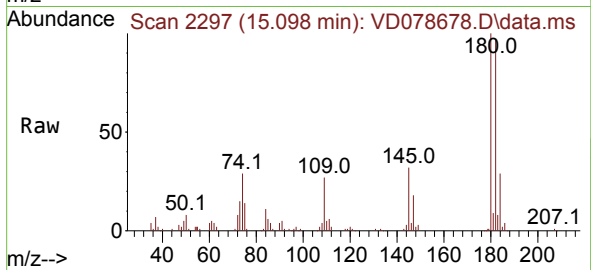
Tgt Ion:180 Resp: 95244

Ion Ratio Lower Upper

180 100

182 95.9 49.7 149.1

145 28.9 14.6 44.0



#94

Hexachlorobutadiene

Concen: 52.667 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078678.D

Acq: 15 Mar 2024 09:48

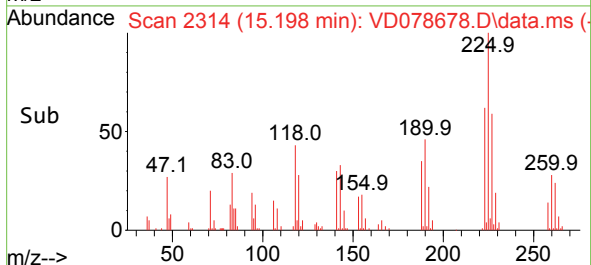
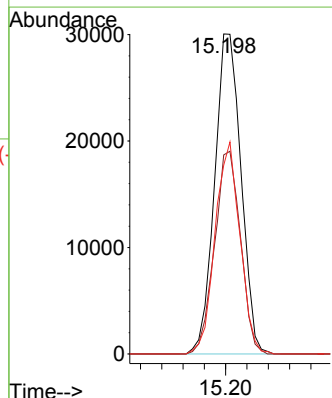
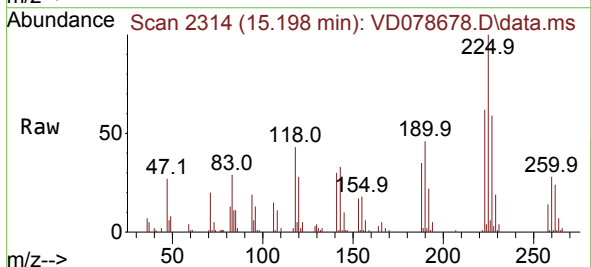
Tgt Ion:225 Resp: 51721

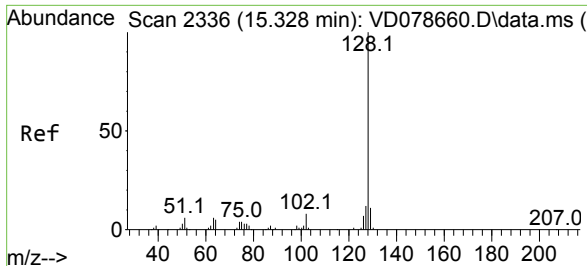
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.7

227 62.4 32.0 96.0

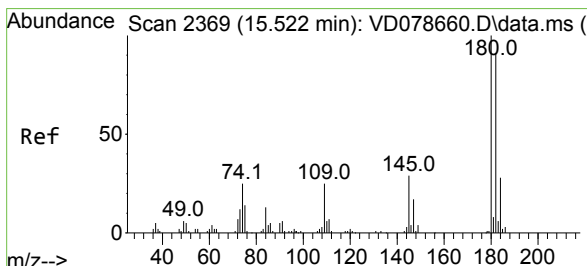
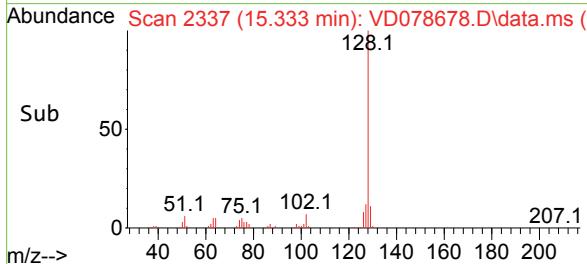
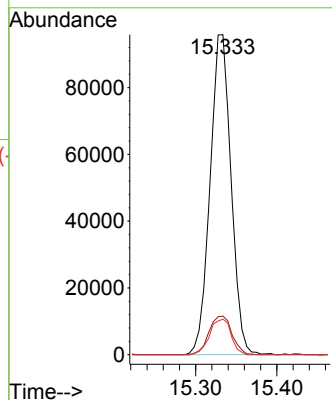
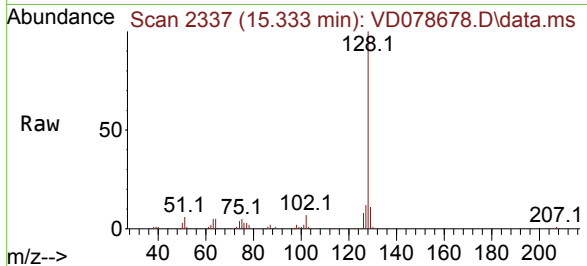




#95
Naphthalene
Concen: 54.597 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 172185
Ion Ratio Lower Upper
128 100
127 12.0 9.3 13.9
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.411 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078678.D
Acq: 15 Mar 2024 09:48

Tgt Ion:180 Resp: 83817
Ion Ratio Lower Upper
180 100
182 97.6 46.7 140.1
145 31.6 14.4 43.4

