

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078631.D
 Acq On : 11 Mar 2024 17:12
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 12 01:39:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69431	47.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.805	113	81900	50.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.263	98	315542	50.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.569	95	94208	52.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	53291	45.455	ug/l	98
3) Chloromethane	2.152	50	103850	49.391	ug/l	98
4) Vinyl Chloride	2.281	62	163758	44.744	ug/l	99
5) Bromomethane	2.687	94	115029	39.353	ug/l	99
6) Chloroethane	2.834	64	124172	45.776	ug/l	97
7) Trichlorofluoromethane	3.170	101	112768	45.568	ug/l	95
8) Diethyl Ether	3.587	74	33338	47.975	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	70215	45.018	ug/l	99
10) Methyl Iodide	4.158	142	72680	44.531	ug/l	91
11) Tert butyl alcohol	5.058	59	16839	242.250	ug/l	99
12) 1,1-Dichloroethene	3.940	96	69033	47.410	ug/l	95
13) Acrolein	3.793	56	21910	149.681	ug/l	99
14) Allyl chloride	4.558	41	76573	46.172	ug/l	93
15) Acrylonitrile	5.258	53	68497	239.089	ug/l	99
16) Acetone	4.022	43	62193	219.942	ug/l	90
17) Carbon Disulfide	4.269	76	206940	42.658	ug/l	99
18) Methyl Acetate	4.558	43	29736	55.558	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	150526	50.844	ug/l	100
20) Methylene Chloride	4.793	84	92527	47.210	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	80212	45.848	ug/l	95
22) Diisopropyl ether	6.211	45	182483	49.077	ug/l	97
23) Vinyl Acetate	6.152	43	528650	239.385	ug/l	98
24) 1,1-Dichloroethane	6.105	63	130666	46.515	ug/l	97
25) 2-Butanone	7.081	43	84682	237.410	ug/l	95
26) 2,2-Dichloropropane	7.069	77	109545	46.160	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	92951	48.521	ug/l	99
28) Bromochloromethane	7.422	49	50832	48.437	ug/l	92
29) Tetrahydrofuran	7.446	42	49713	250.866	ug/l	92
30) Chloroform	7.593	83	144513	47.646	ug/l	100
31) Cyclohexane	7.869	56	101764	44.051	ug/l	100
32) 1,1,1-Trichloroethane	7.787	97	126667	48.681	ug/l	97
36) 1,1-Dichloropropene	8.005	75	106509	47.451	ug/l	99
37) Ethyl Acetate	7.169	43	30489	41.921	ug/l	96
38) Carbon Tetrachloride	7.987	117	112628	47.973	ug/l	97
39) Methylcyclohexane	9.269	83	128032	48.598	ug/l	92
40) Benzene	8.246	78	319058	47.956	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17094	43.852	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	78047	46.240	ug/l	98
43) Isopropyl Acetate	8.357	43	65386	46.894	ug/l	99
44) Trichloroethene	9.022	130	87919	48.155	ug/l	93
45) 1,2-Dichloropropane	9.299	63	75787	47.420	ug/l	96
46) Dibromomethane	9.393	93	45161	49.016	ug/l	95
47) Bromodichloromethane	9.581	83	110561	48.667	ug/l	98
48) Methyl methacrylate	9.381	41	31733	50.240	ug/l	87
49) 1,4-Dioxane	9.381	88	9950	980.777	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	178693	248.290	ug/l	94
52) Toluene	10.334	92	208442	48.827	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	104738	49.836	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	123158	48.943	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	62152	47.907	ug/l	96
56) Ethyl methacrylate	10.599	69	68840	52.941	ug/l	97
57) 1,3-Dichloropropane	10.875	76	100175	47.649	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	158193	280.132	ug/l	99
59) 2-Hexanone	10.922	43	130534	244.533	ug/l	95
60) Dibromochloromethane	11.069	129	76131	48.599	ug/l	94
61) 1,2-Dibromoethane	11.175	107	59350	49.847	ug/l	99
64) Tetrachloroethene	10.810	164	73992	49.057	ug/l	96
65) Chlorobenzene	11.604	112	226842	48.054	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	85360	48.572	ug/l	95
67) Ethyl Benzene	11.681	91	405312	49.553	ug/l	95
68) m/p-Xylenes	11.793	106	332356	100.439	ug/l	95
69) o-Xylene	12.116	106	151999	50.634	ug/l	94
70) Styrene	12.134	104	268188	51.542	ug/l	99
71) Bromoform	12.298	173	45961	49.161	ug/l #	98
73) Isopropylbenzene	12.422	105	390119	47.666	ug/l	98
74) N-amyl acetate	12.234	43	64622	46.911	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	69825	44.535	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	82249	83.410	ug/l #	100
77) Bromobenzene	12.698	156	93262	47.118	ug/l	96
78) n-propylbenzene	12.763	91	490500	48.996	ug/l	98
79) 2-Chlorotoluene	12.845	91	258970	48.206	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	336933	50.592	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	21829	47.383	ug/l	98
82) 4-Chlorotoluene	12.945	91	274363	47.922	ug/l	99
83) tert-Butylbenzene	13.163	119	296820	51.761	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	335453	49.280	ug/l	99
85) sec-Butylbenzene	13.345	105	447339	50.003	ug/l	97
86) p-Isopropyltoluene	13.457	119	384079	50.999	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	206571	48.843	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	201103	47.461	ug/l	100
89) n-Butylbenzene	13.787	91	353483	50.225	ug/l	99
90) Hexachloroethane	14.051	117	74483	48.640	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	173483	48.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9610	45.983	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	107762	50.656	ug/l	98
94) Hexachlorobutadiene	15.204	225	59516	50.847	ug/l	98
95) Naphthalene	15.328	128	195553	52.021	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	94112	49.813	ug/l	99

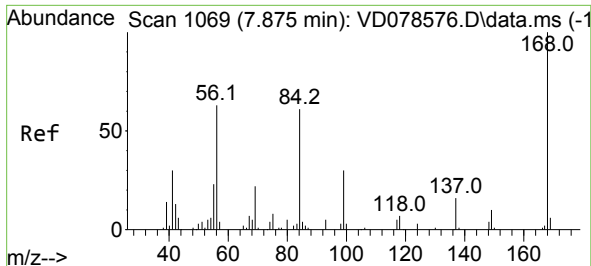
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

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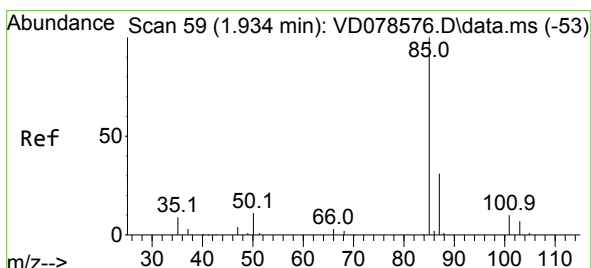
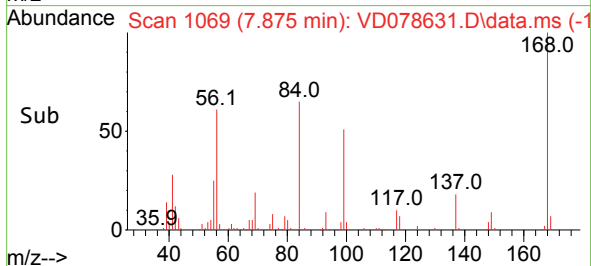
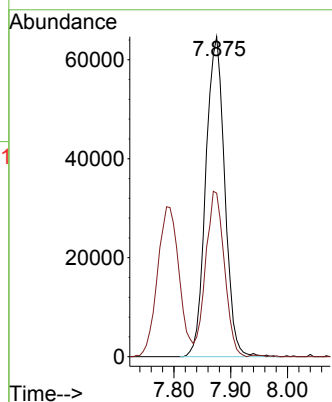
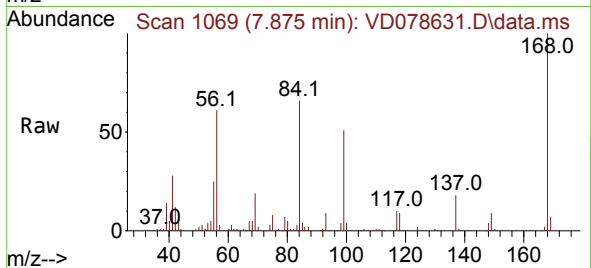
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

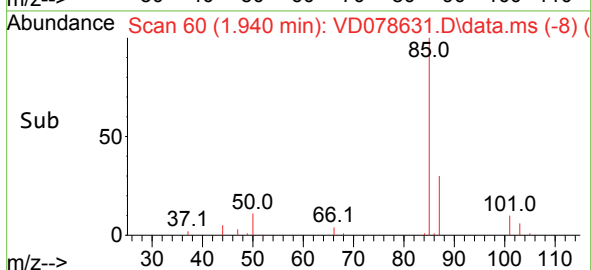
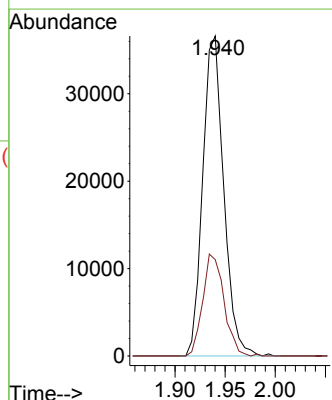
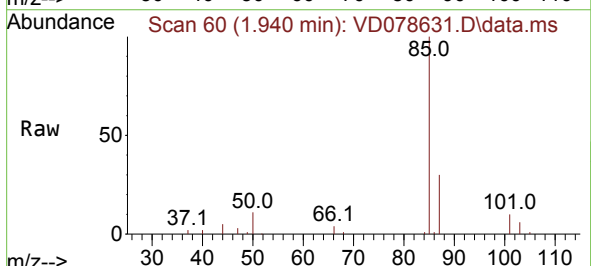
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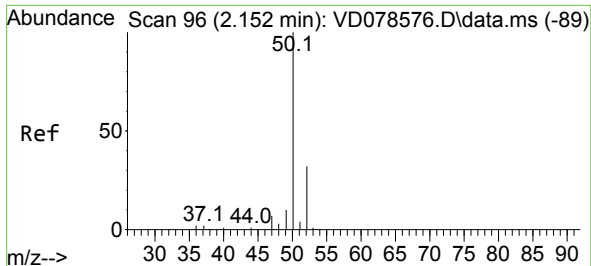
Tgt Ion:168 Resp: 148894
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 45.455 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 85 Resp: 53291
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0

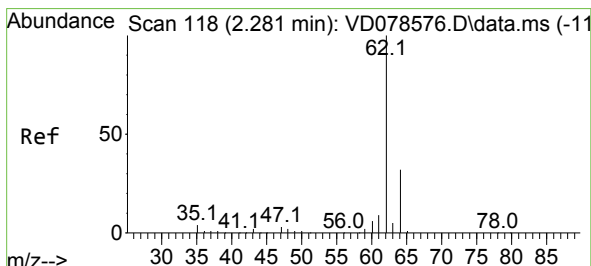
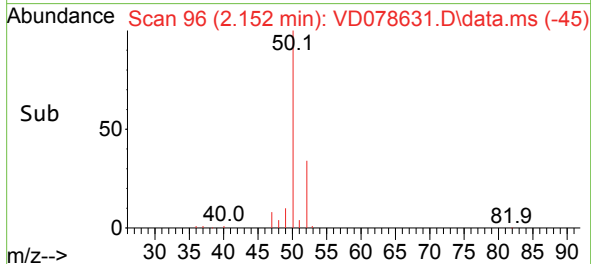
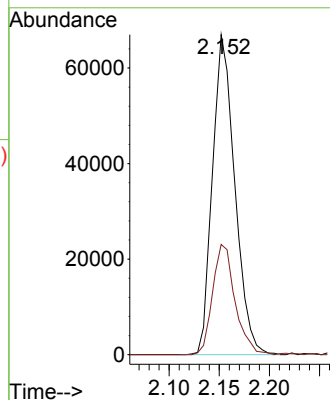
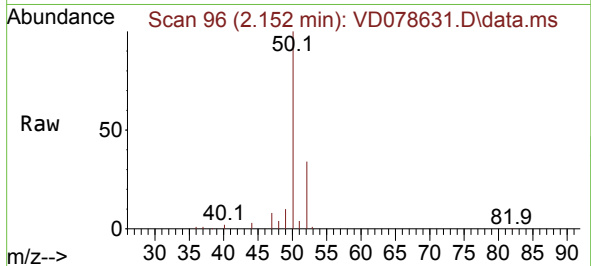




#3
Chloromethane
Concen: 49.391 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

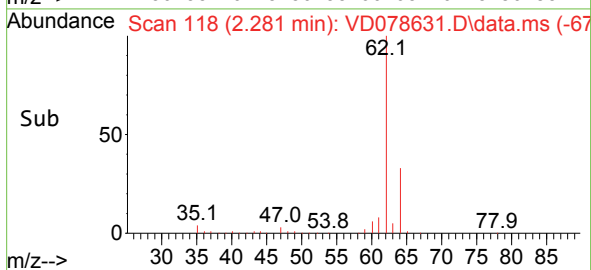
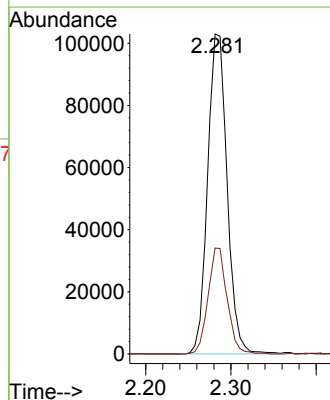
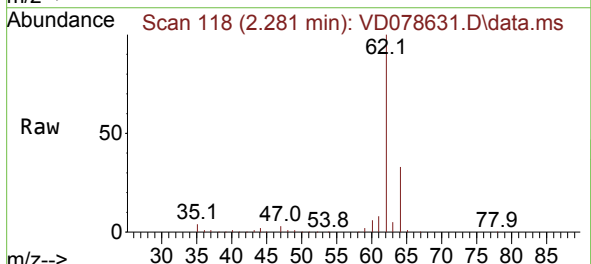
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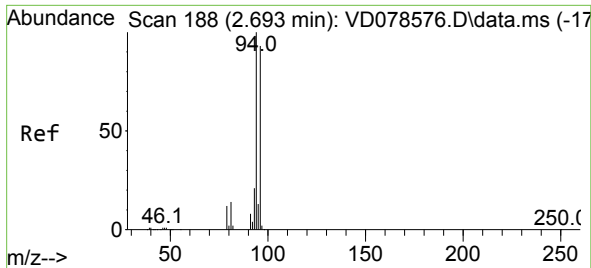
Tgt Ion: 50 Resp: 103850
Ion Ratio Lower Upper
50 100
52 34.5 26.6 40.0



#4
Vinyl Chloride
Concen: 44.744 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 62 Resp: 163758
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

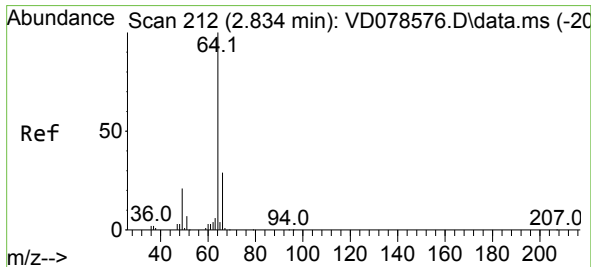
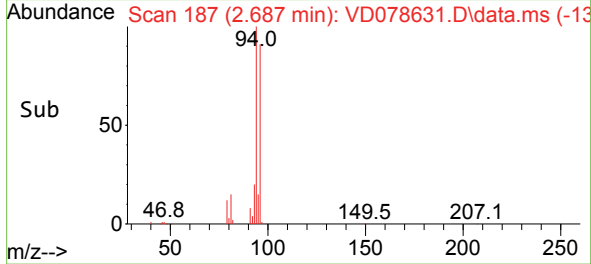
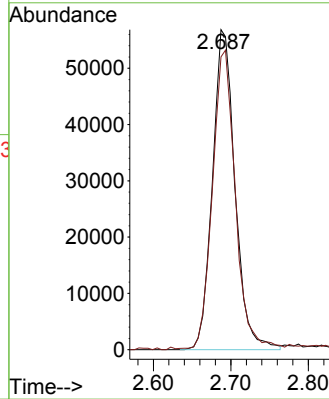
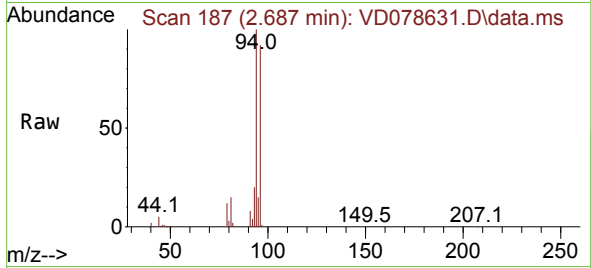




#5
Bromomethane
Concen: 39.353 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

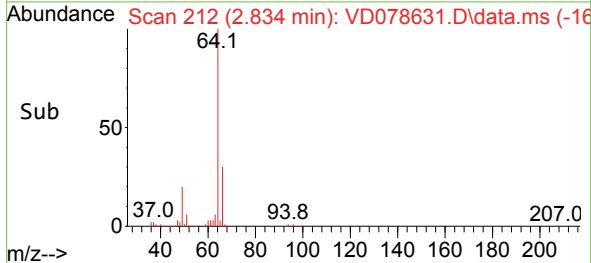
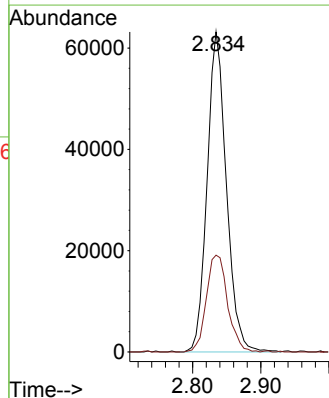
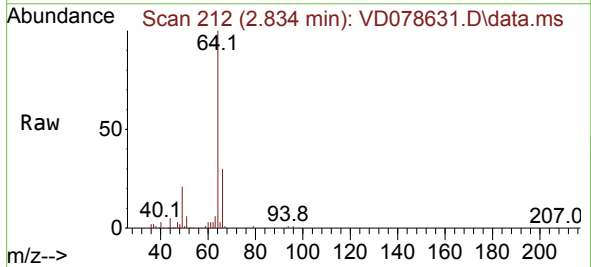
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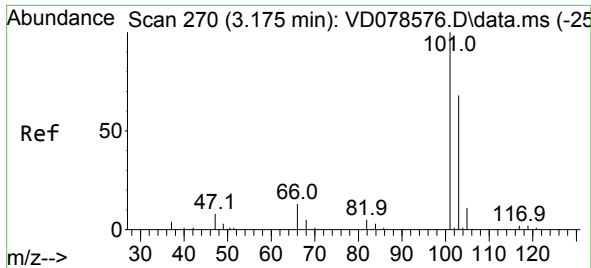
Tgt Ion: 94 Resp: 115029
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.8



#6
Chloroethane
Concen: 45.776 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 64 Resp: 124172
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3

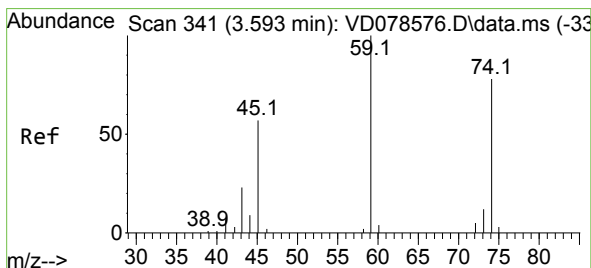
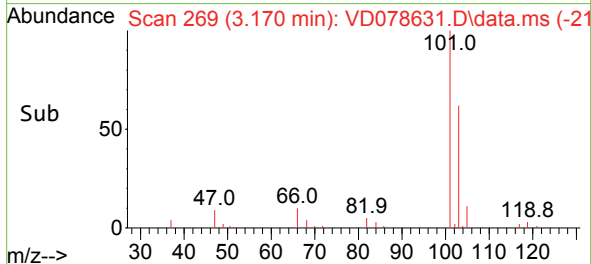
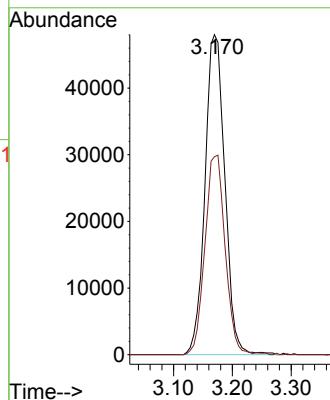
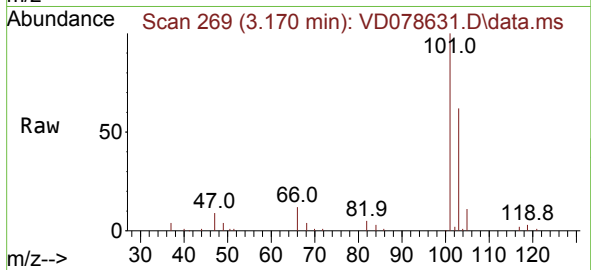




#7
 Trichlorofluoromethane
 Concen: 45.568 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

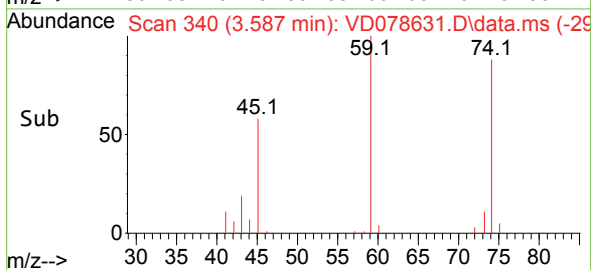
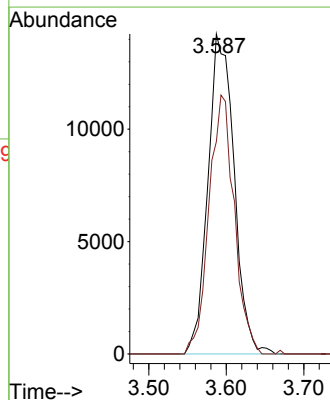
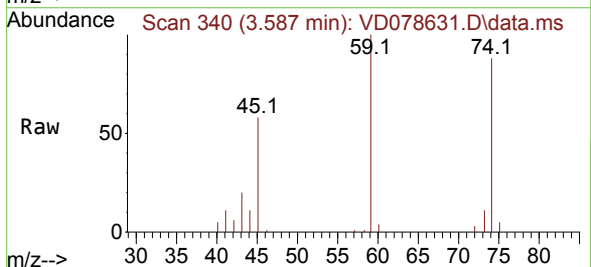
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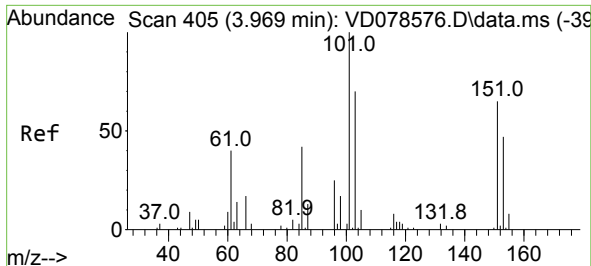
Tgt Ion:101 Resp: 112768
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 47.975 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

Tgt Ion: 74 Resp: 33338
 Ion Ratio Lower Upper
 74 100
 45 78.1 37.5 112.7

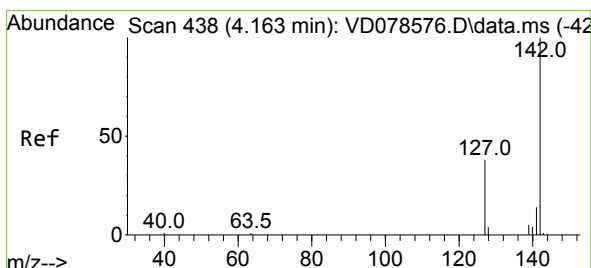
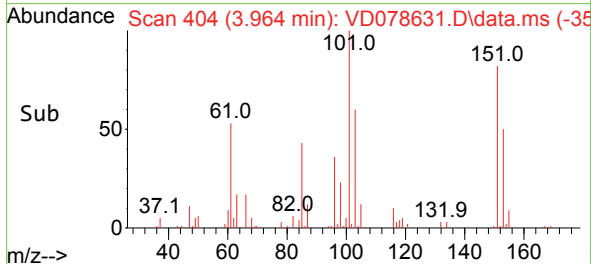
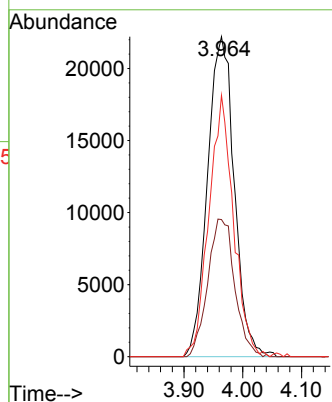
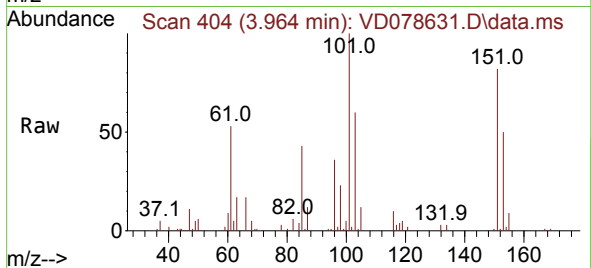




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.018 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078631.D
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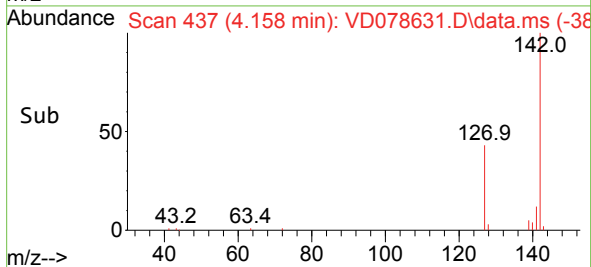
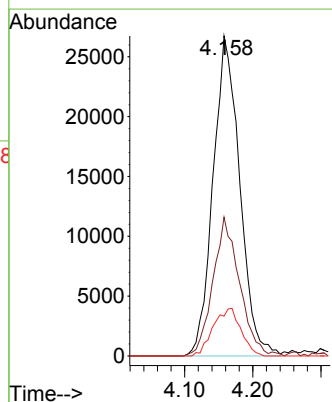
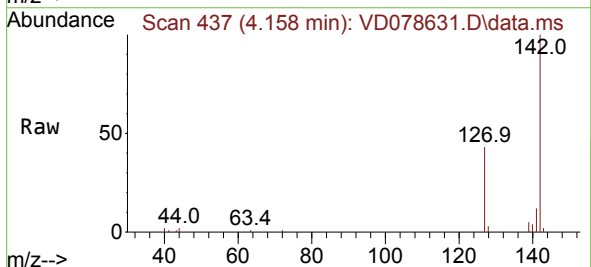
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ClientSampleId :
VSTDCCC050EC

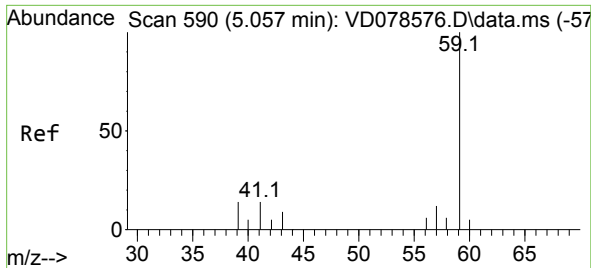
Tgt Ion:101 Resp: 70215
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 75.1 59.8 89.6



#10
Methyl Iodide
Concen: 44.531 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion:142 Resp: 72680
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 15.5 11.1 16.7

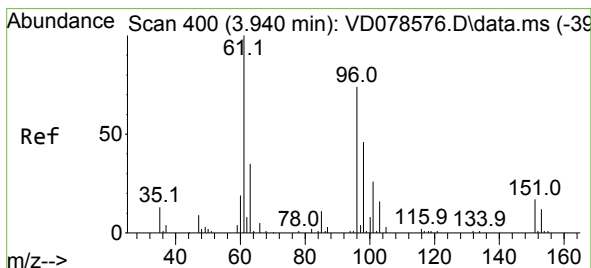
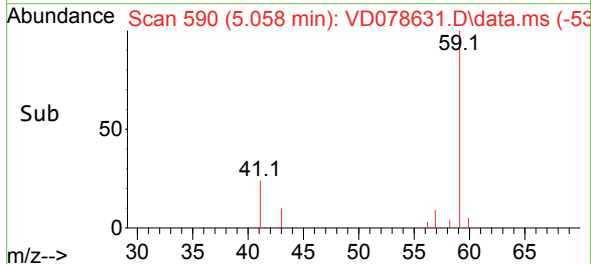
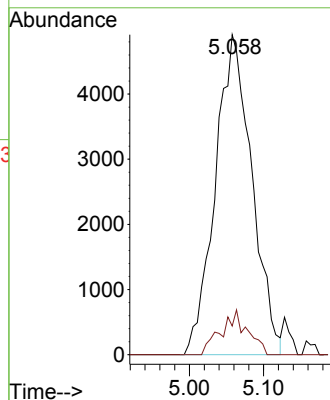
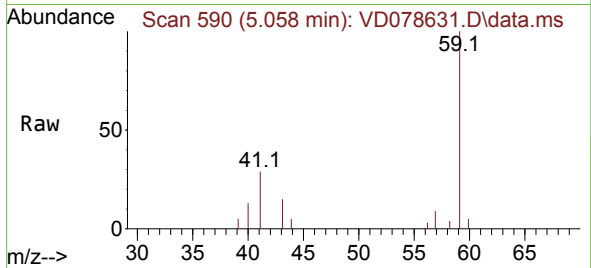




#11
Tert butyl alcohol
Concen: 242.250 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.001 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

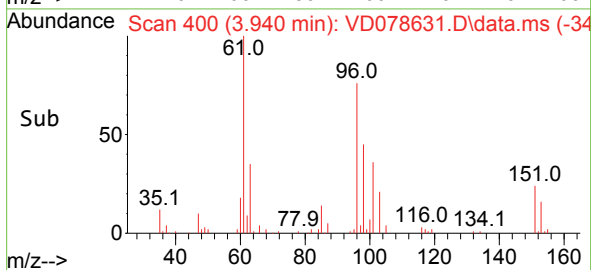
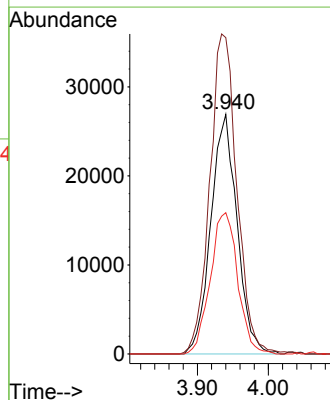
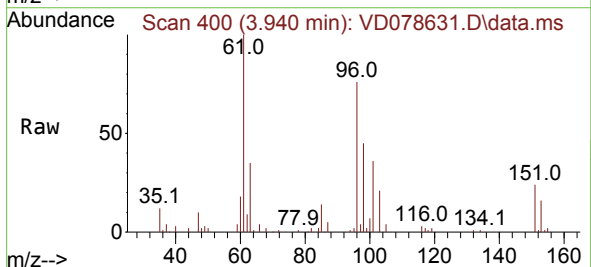
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

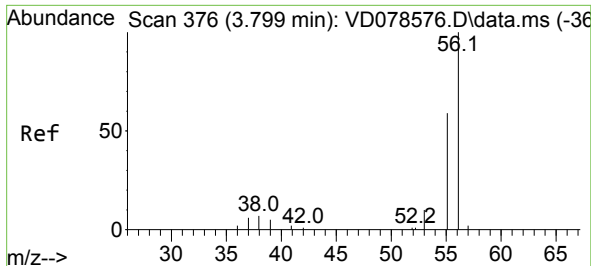
Tgt Ion: 59 Resp: 16839
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.410 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 96 Resp: 69033
Ion Ratio Lower Upper
96 100
61 132.0 100.6 150.8
98 59.0 50.2 75.2

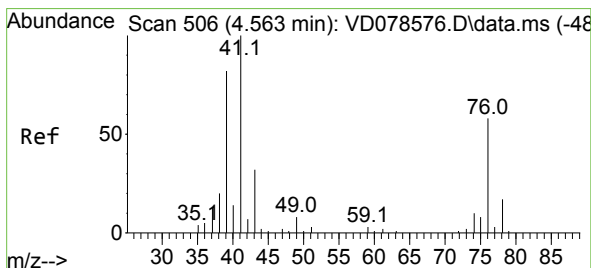
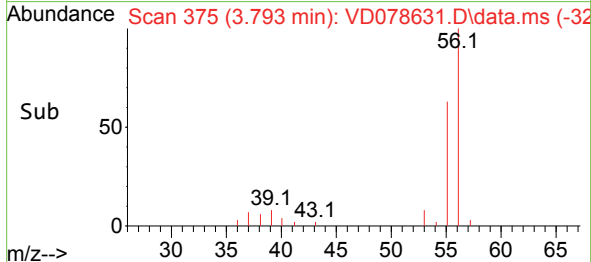
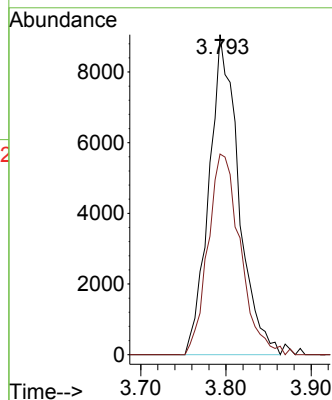
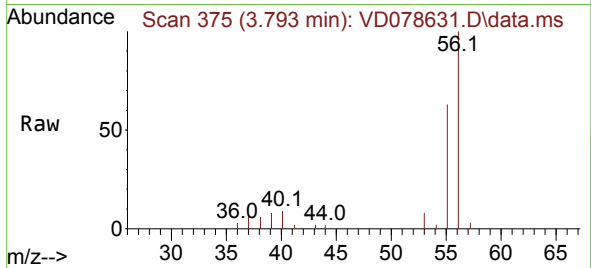




#13
Acrolein
Concen: 149.681 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

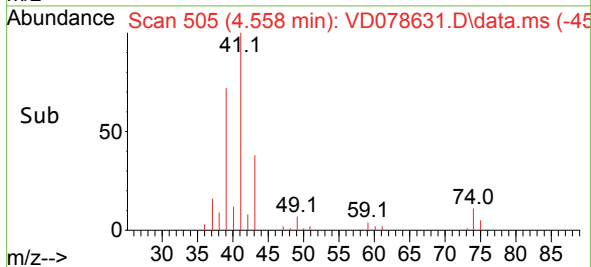
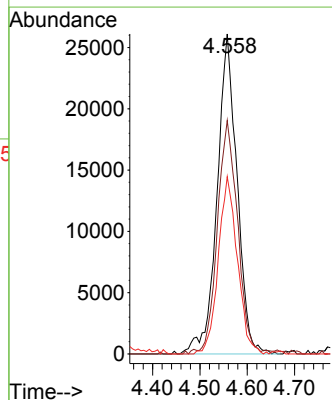
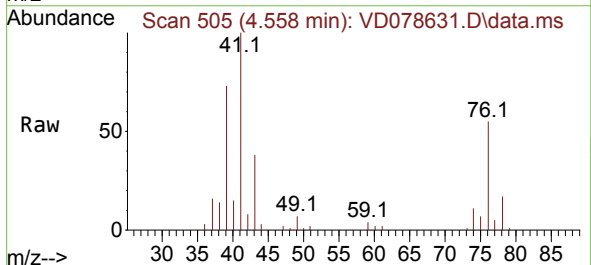
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

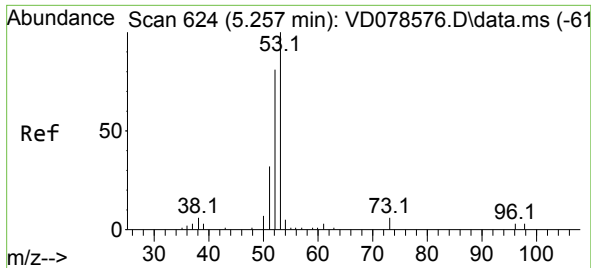
Tgt Ion: 56 Resp: 21910
Ion Ratio Lower Upper
56 100
55 68.4 55.1 82.7



#14
Allyl chloride
Concen: 46.172 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 41 Resp: 76573
Ion Ratio Lower Upper
41 100
39 74.0 53.8 80.6
76 52.9 45.8 68.8

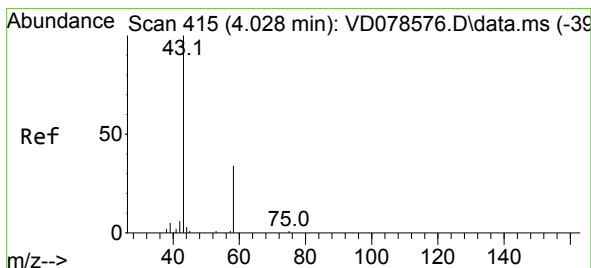
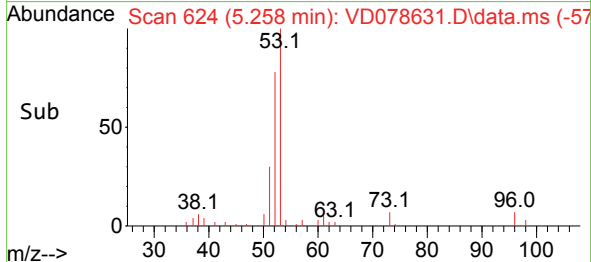
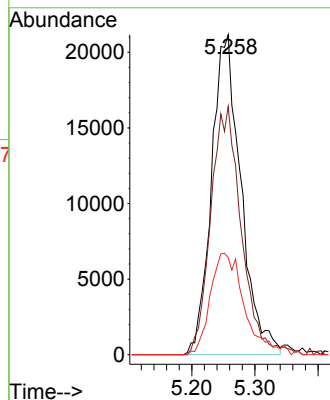
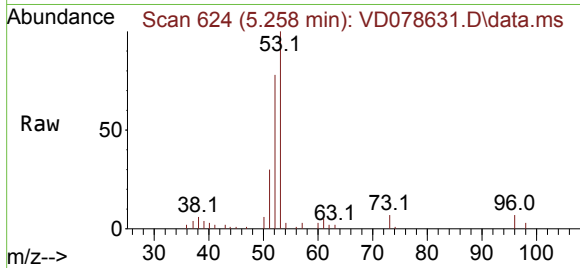




#15
Acrylonitrile
Concen: 239.089 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

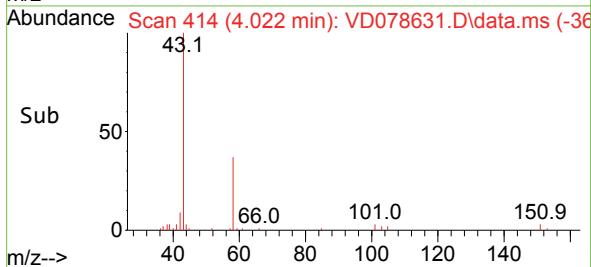
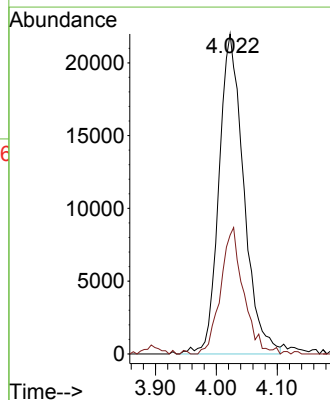
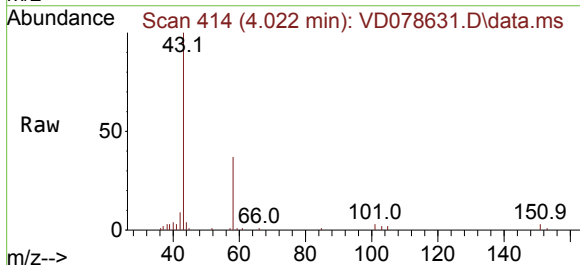
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

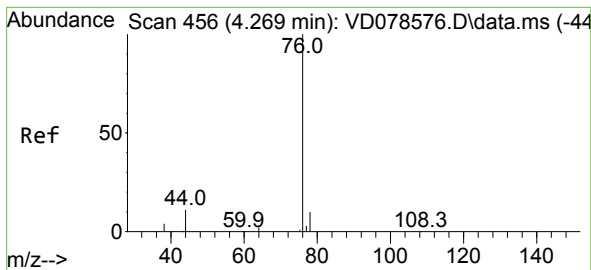
Tgt Ion: 53	Resp: 68497
Ion Ratio	Lower Upper
53 100	
52 80.4	65.0 97.4
51 36.7	28.3 42.5



#16
Acetone
Concen: 219.942 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 43	Resp: 62193		
Ion Ratio	Lower	Upper	
43 100			
58 37.2	34.7	52.1	





#17

Carbon Disulfide

Concen: 42.658 ug/l

RT: 4.269 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

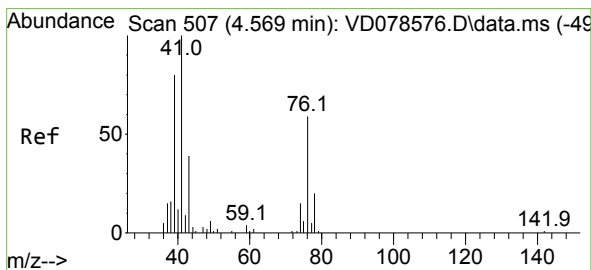
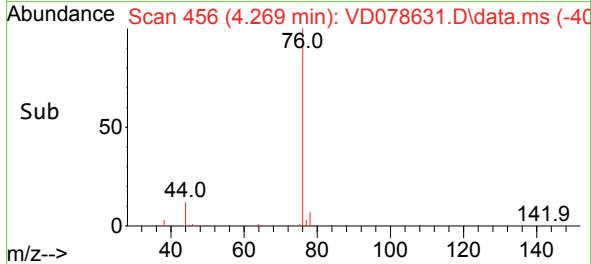
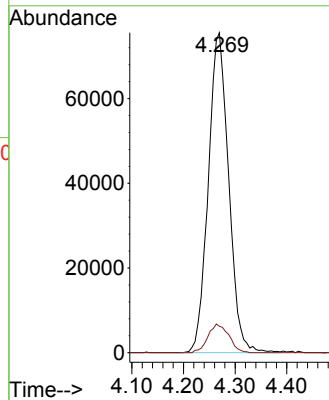
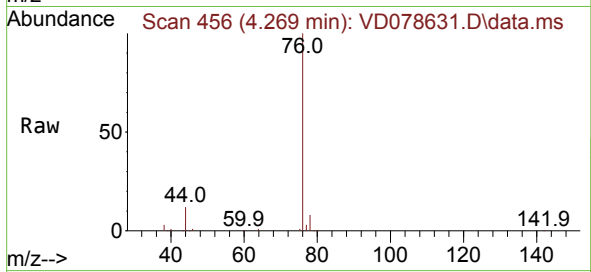
VSTDCCC050EC

Tgt Ion: 76 Resp: 206940

Ion Ratio Lower Upper

76 100

78 8.3 6.8 10.2



#18

Methyl Acetate

Concen: 55.558 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.011 min

Lab File: VD078631.D

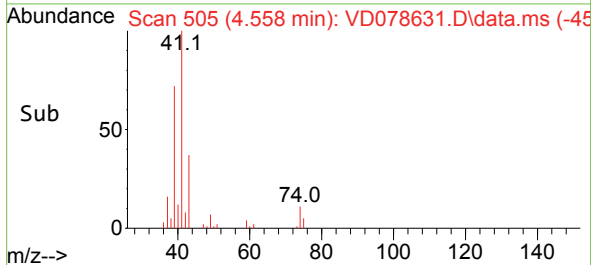
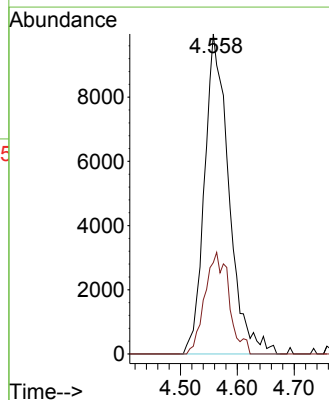
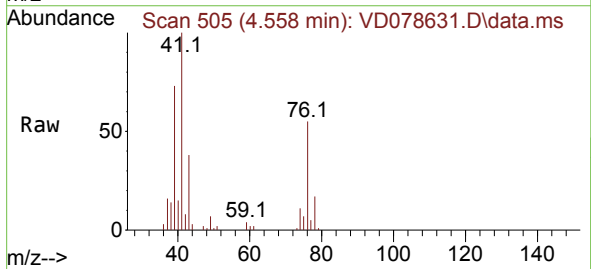
Acq: 11 Mar 2024 17:12

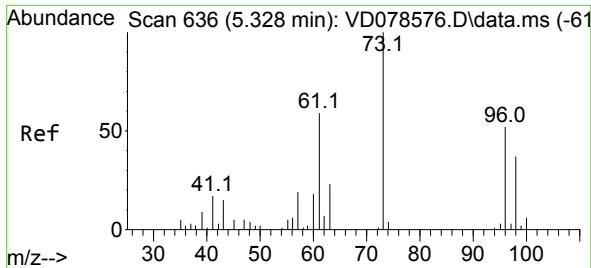
Tgt Ion: 43 Resp: 29736

Ion Ratio Lower Upper

43 100

74 31.5 26.4 39.6

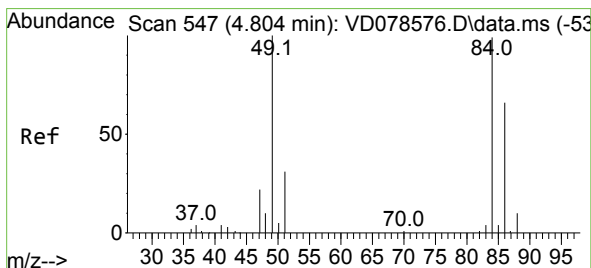
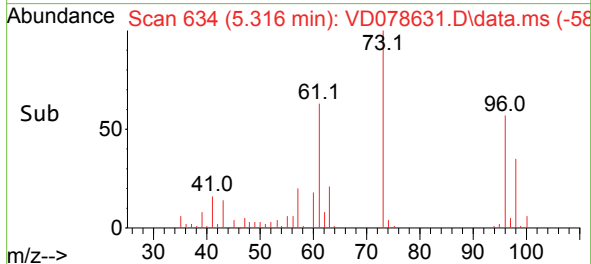
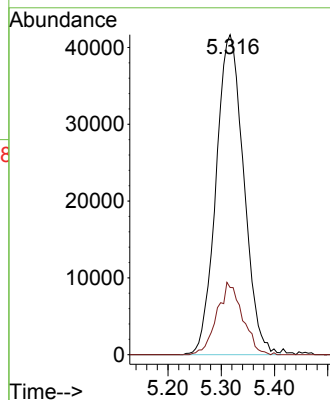
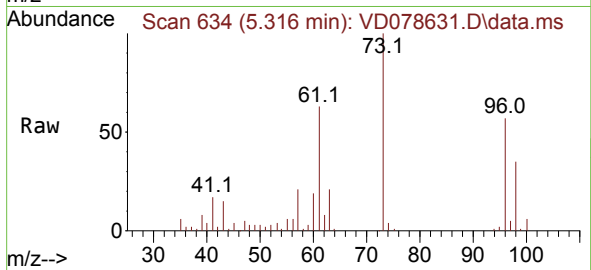




#19
Methyl tert-butyl Ether
Concen: 50.844 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

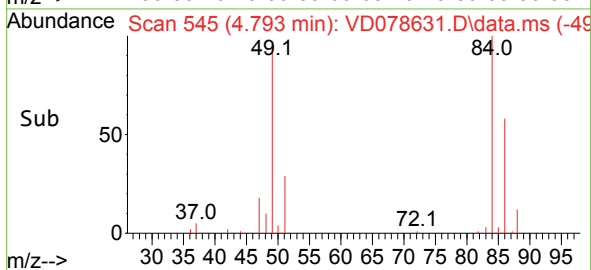
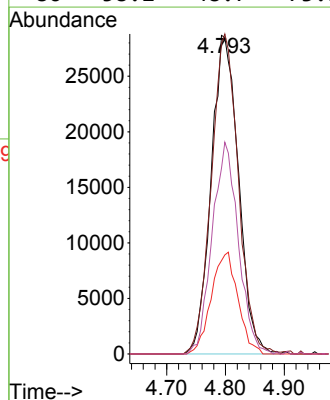
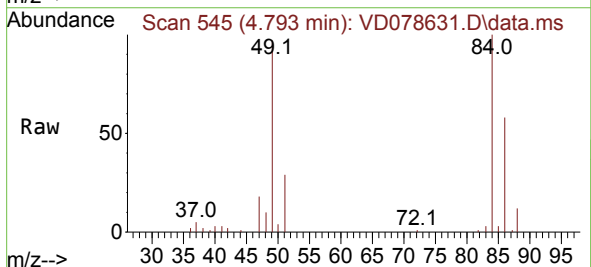
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

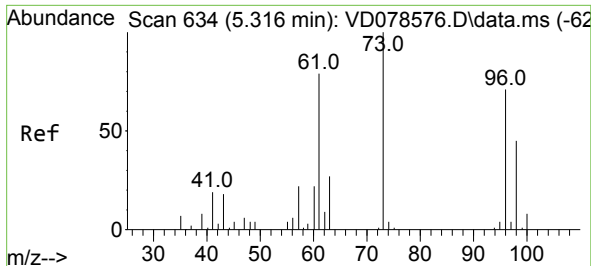
Tgt Ion: 73 Resp: 150526
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#20
Methylene Chloride
Concen: 47.210 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.011 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

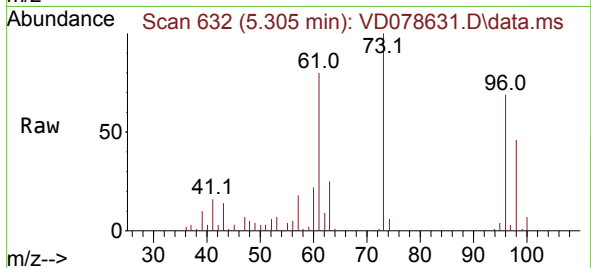
Tgt Ion: 84 Resp: 92527
Ion Ratio Lower Upper
84 100
49 97.4 71.4 107.2
51 29.3 24.5 36.7
86 58.2 48.7 73.1





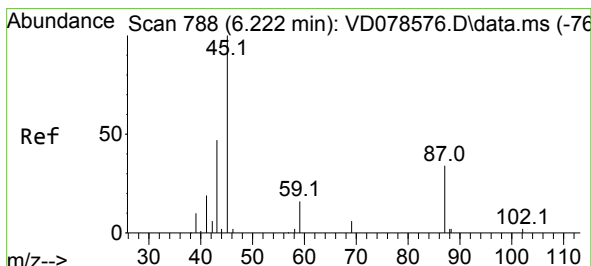
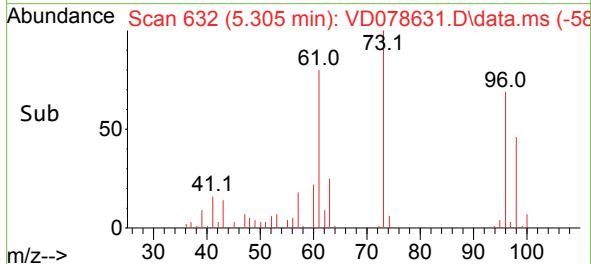
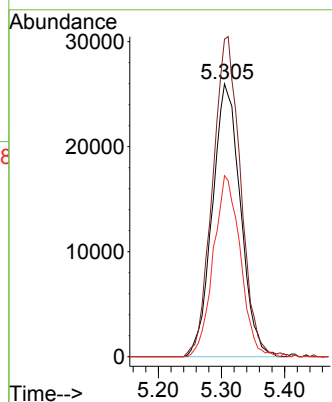
#21
trans-1,2-Dichloroethene
Concen: 45.848 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 80212

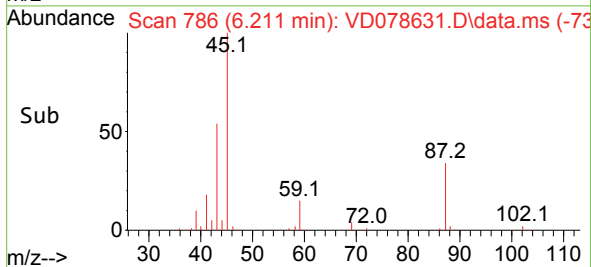
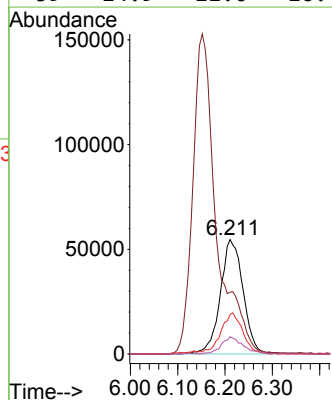
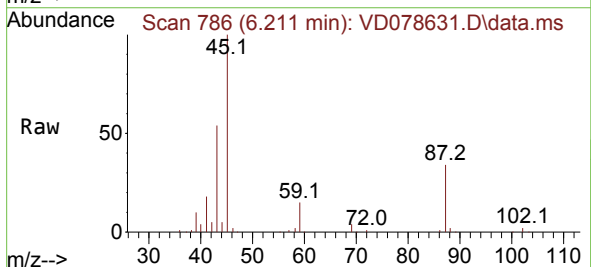
Ion	Ratio	Lower	Upper
96	100		
61	116.4	89.3	133.9
98	66.3	48.6	73.0

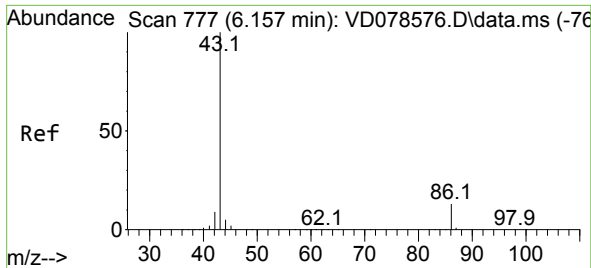


#22
Diisopropyl ether
Concen: 49.077 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.011 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 45 Resp: 182483

Ion	Ratio	Lower	Upper
45	100		
43	53.0	40.0	60.0
87	34.5	28.2	42.4
59	14.9	11.0	16.4

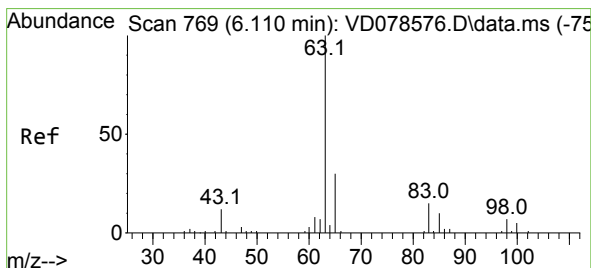
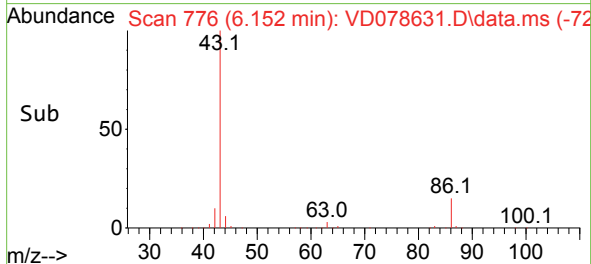
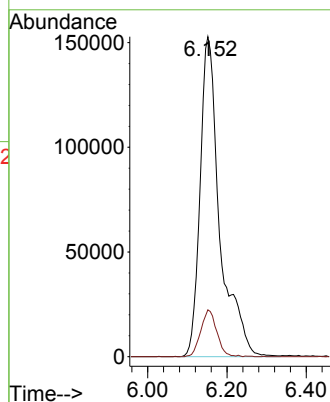
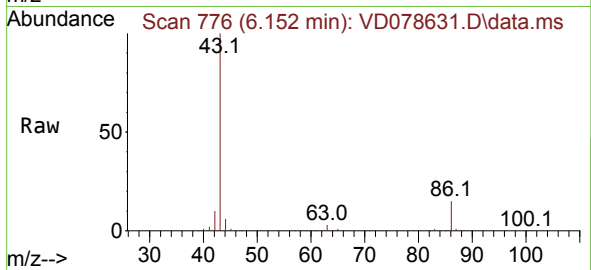




#23
 Vinyl Acetate
 Concen: 239.385 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

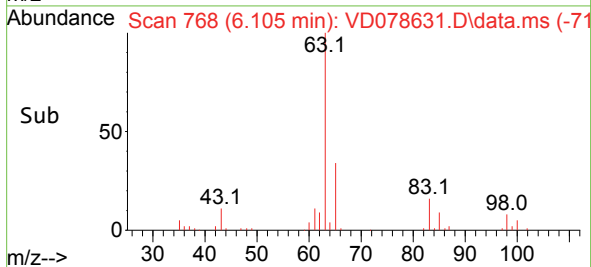
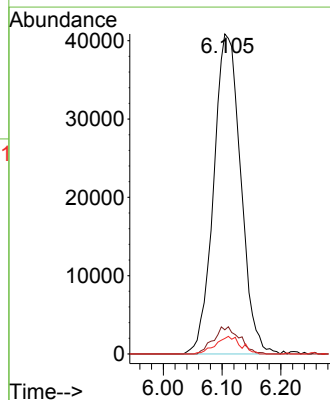
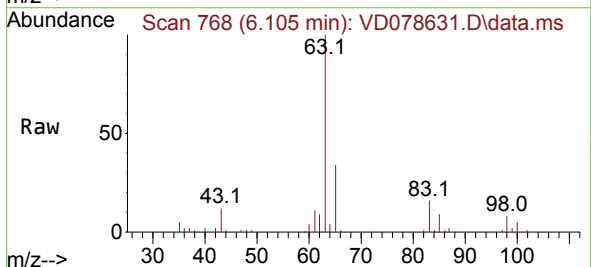
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

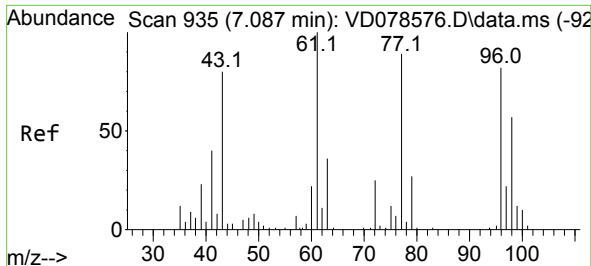
Tgt Ion: 43 Resp: 528650
 Ion Ratio Lower Upper
 43 100
 86 14.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 46.515 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

Tgt Ion: 63 Resp: 130666
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 4.8 2.5 7.5

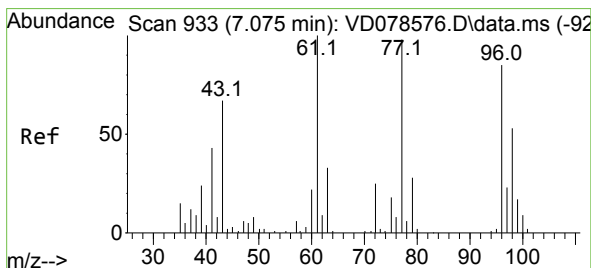
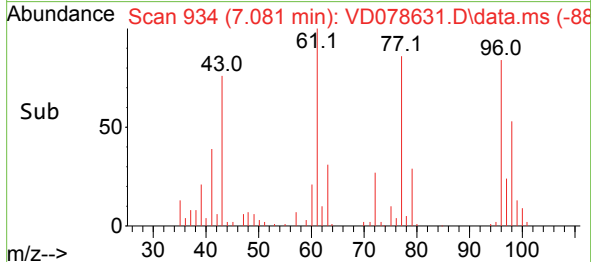
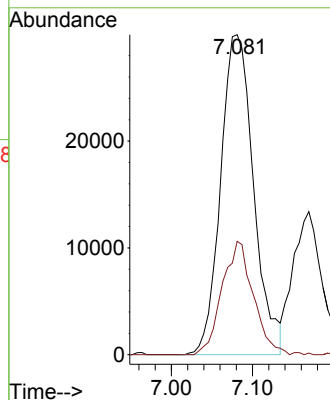
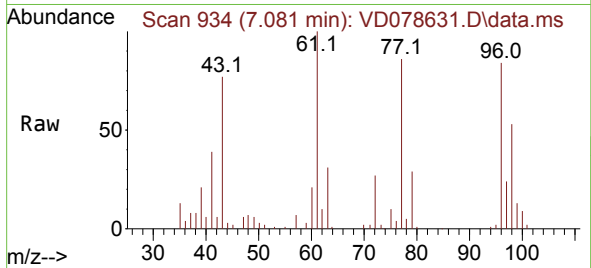




#25
2-Butanone
Concen: 237.410 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

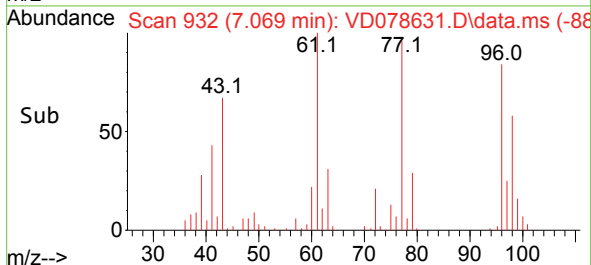
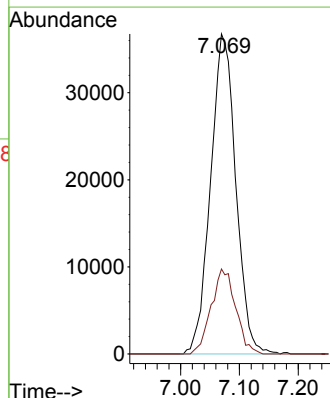
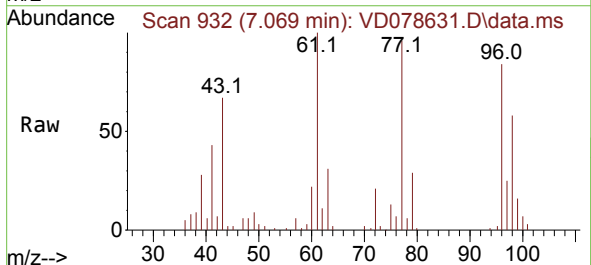
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

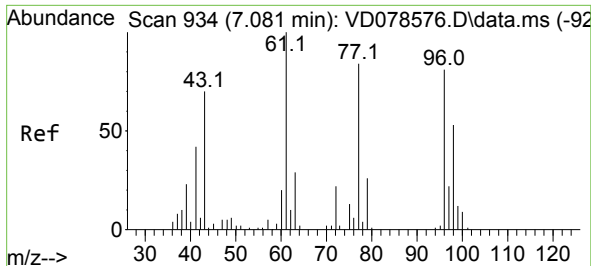
Tgt Ion: 43 Resp: 84682
Ion Ratio Lower Upper
43 100
72 35.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 46.160 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 77 Resp: 109545
Ion Ratio Lower Upper
77 100
97 25.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 48.521 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

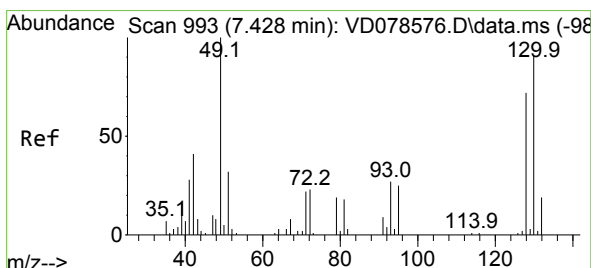
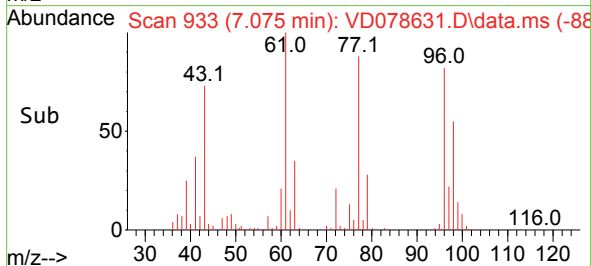
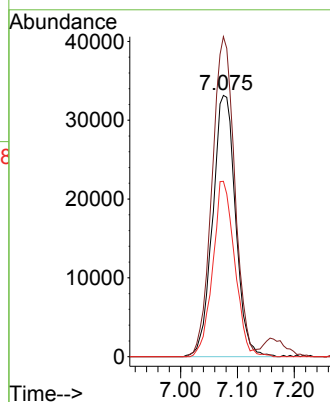
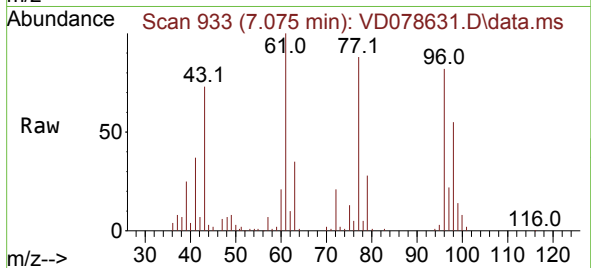
Tgt Ion: 96 Resp: 92951

Ion Ratio Lower Upper

96 100

61 121.2 0.0 239.2

98 64.2 0.0 128.6



#28

Bromochloromethane

Concen: 48.437 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

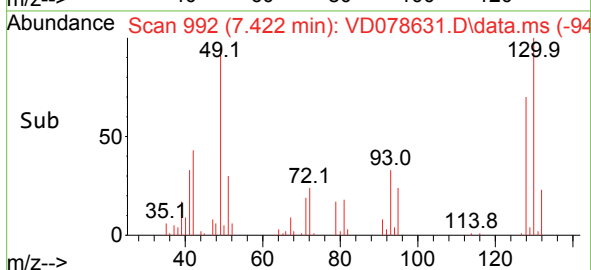
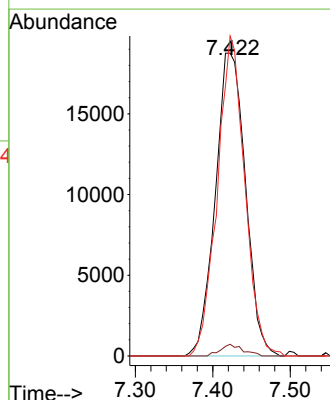
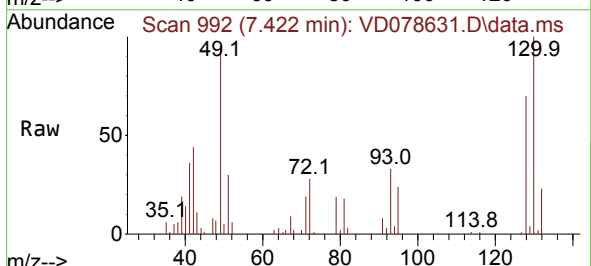
Tgt Ion: 49 Resp: 50832

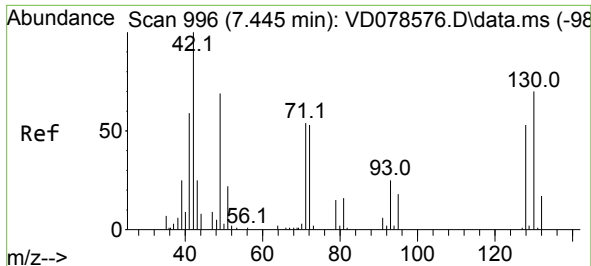
Ion Ratio Lower Upper

49 100

129 2.8 0.0 6.0

130 95.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 250.866 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

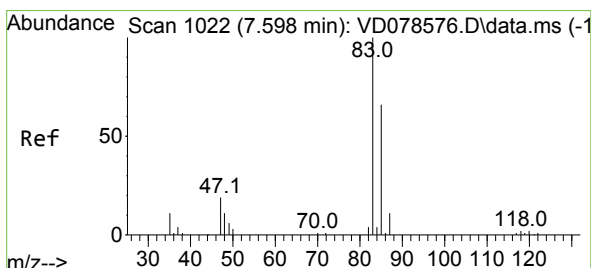
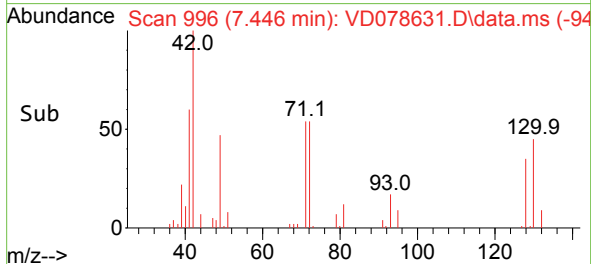
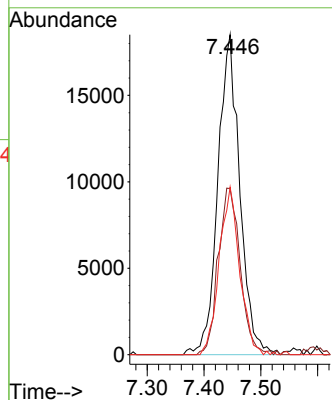
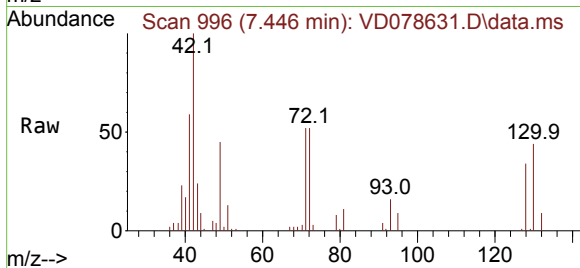
Tgt Ion: 42 Resp: 49713

Ion Ratio Lower Upper

42 100

72 52.3 46.5 69.7

71 49.0 44.5 66.7



#30

Chloroform

Concen: 47.646 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078631.D

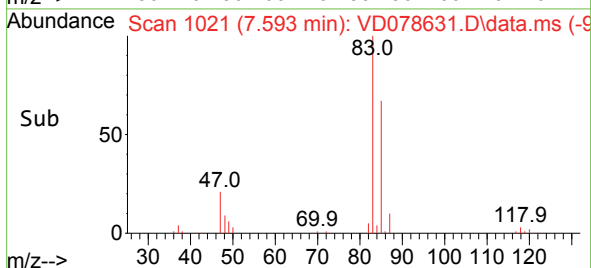
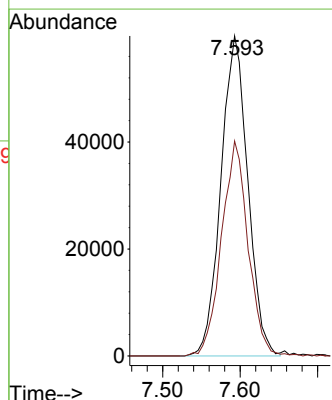
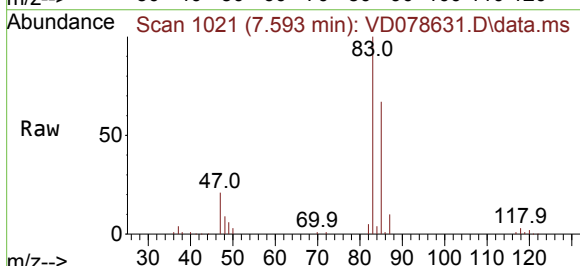
Acq: 11 Mar 2024 17:12

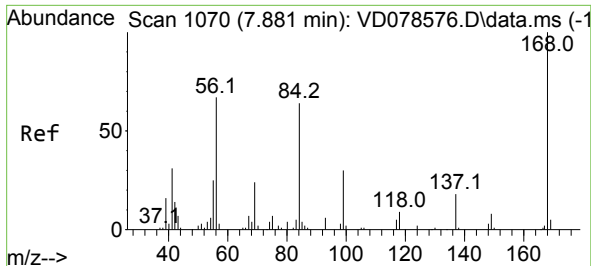
Tgt Ion: 83 Resp: 144513

Ion Ratio Lower Upper

83 100

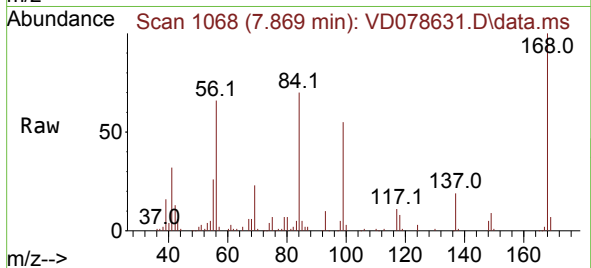
85 67.1 53.4 80.2



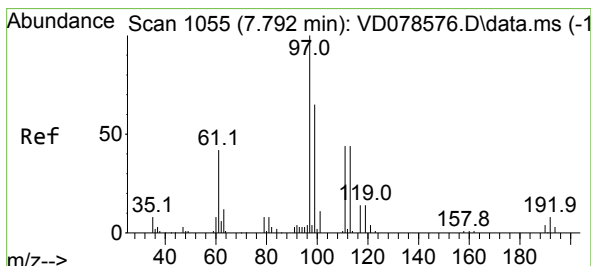
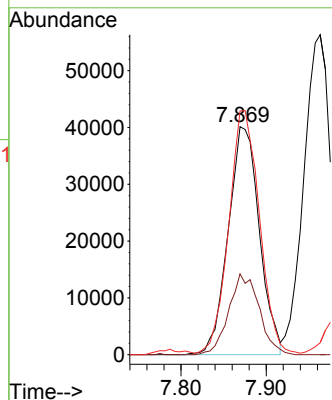
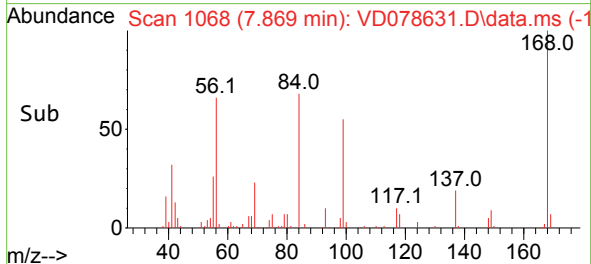


#31
Cyclohexane
Concen: 44.051 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

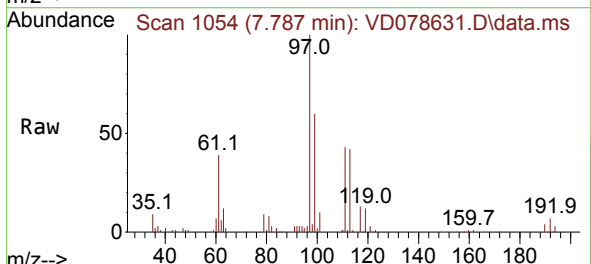
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



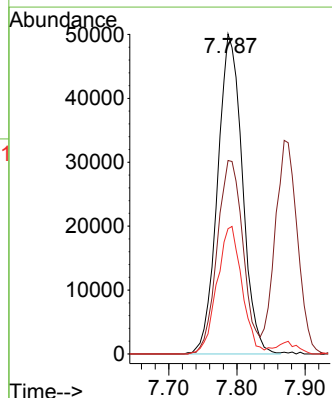
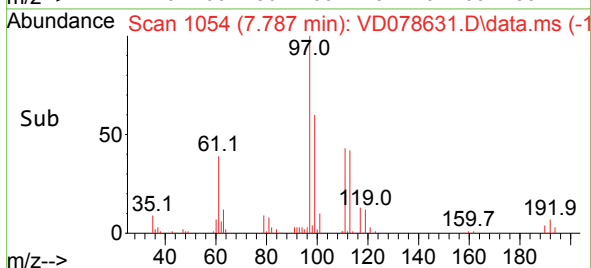
Tgt Ion: 56 Resp: 101764
Ion Ratio Lower Upper
56 100
69 35.5 28.6 43.0
84 105.6 84.8 127.2

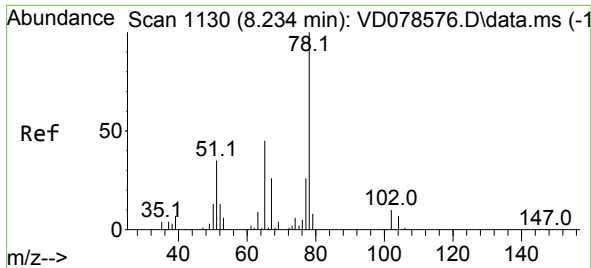


#32
1,1,1-Trichloroethane
Concen: 48.681 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12



Tgt Ion: 97 Resp: 126667
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 40.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.041 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

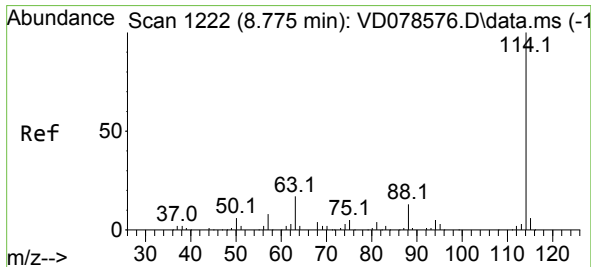
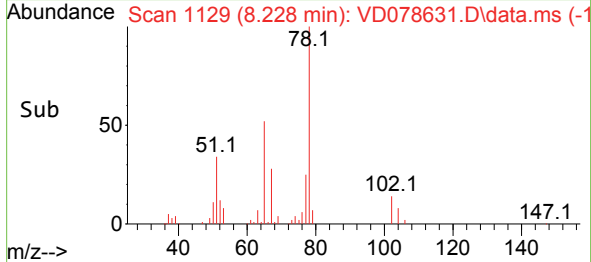
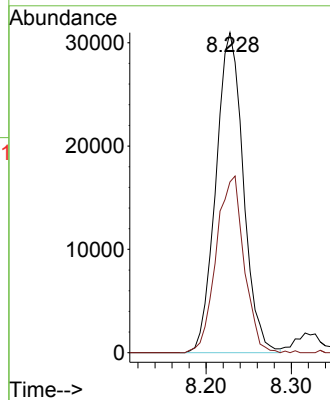
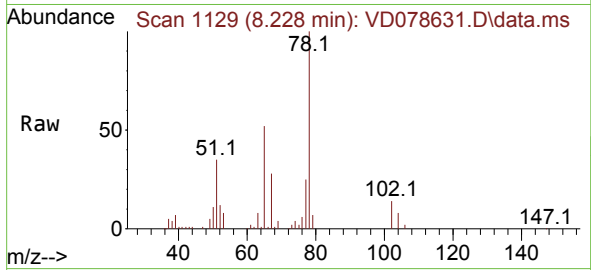
VSTDCCC050EC

Tgt Ion: 65 Resp: 69431

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

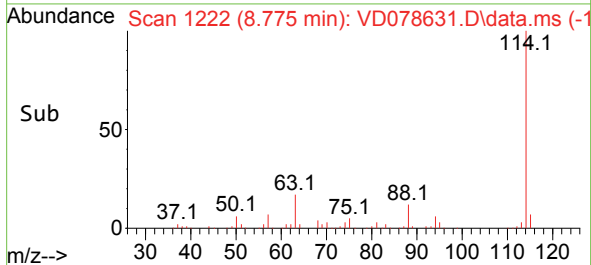
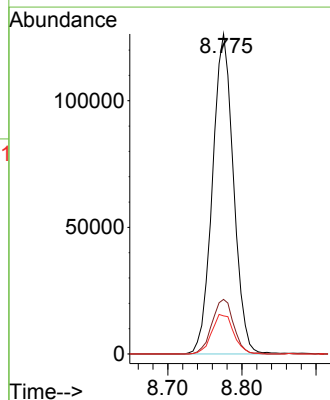
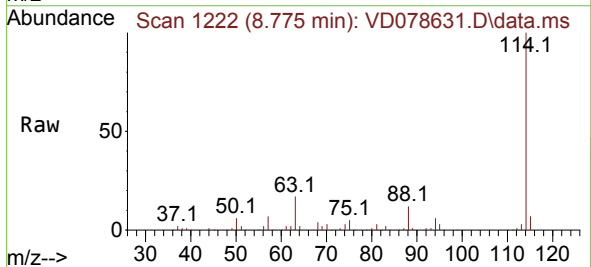
Tgt Ion: 114 Resp: 249362

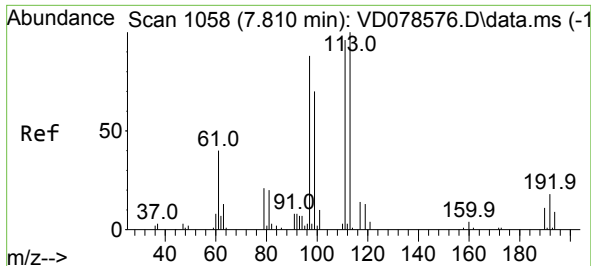
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 11.9 0.0 26.2

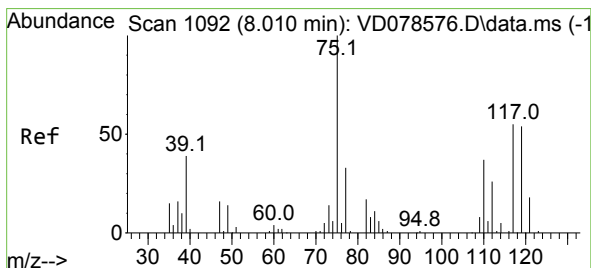
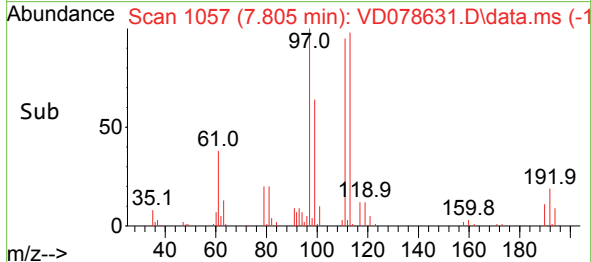
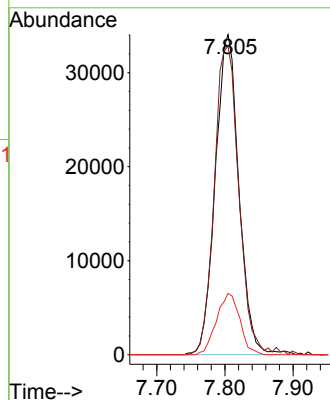
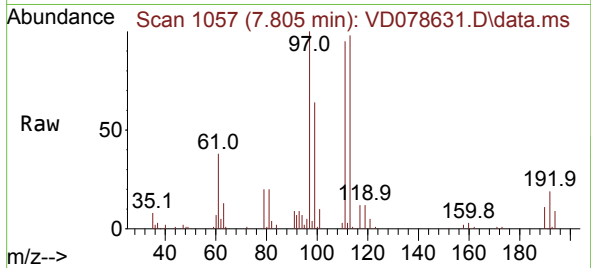




#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 7.805 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

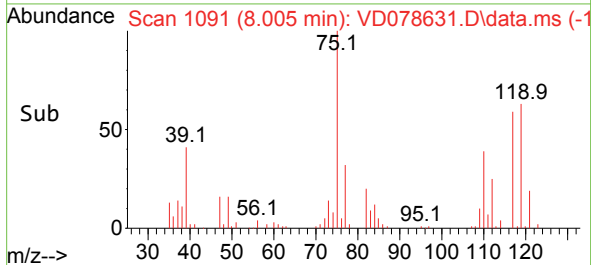
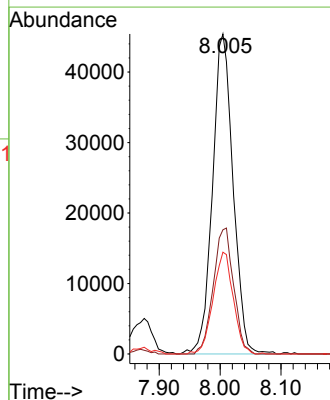
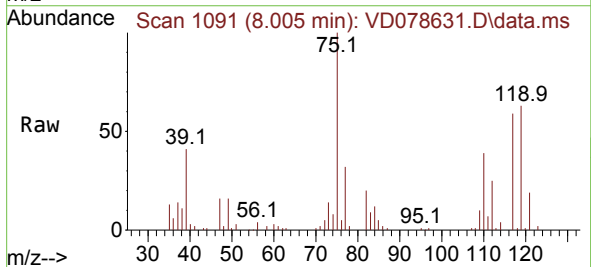
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

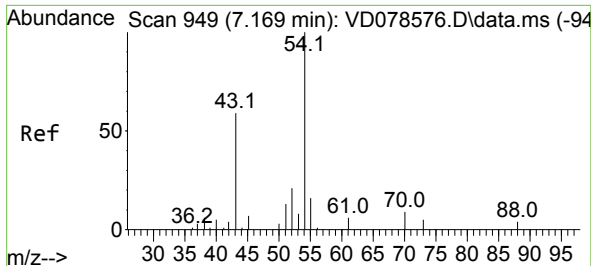
Tgt Ion:113 Resp: 81900
Ion Ratio Lower Upper
113 100
111 99.9 84.7 127.1
192 18.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 47.451 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 75 Resp: 106509
Ion Ratio Lower Upper
75 100
110 38.8 19.9 59.6
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 41.921 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

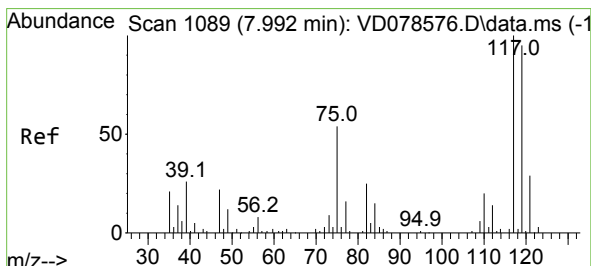
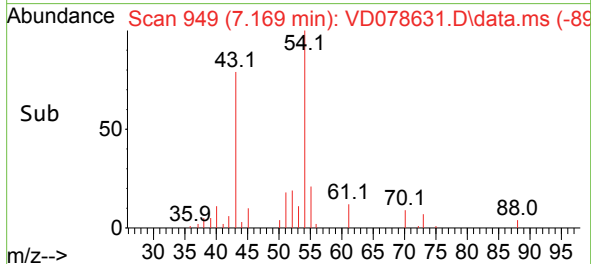
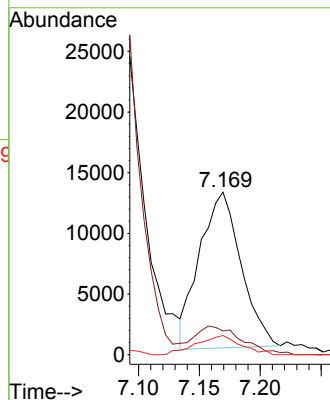
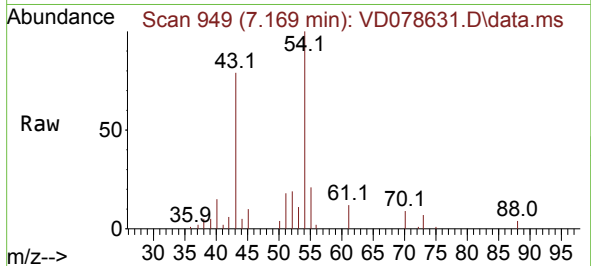
Tgt Ion: 43 Resp: 30489

Ion Ratio Lower Upper

43 100

61 21.0 14.9 22.3

70 13.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 47.973 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

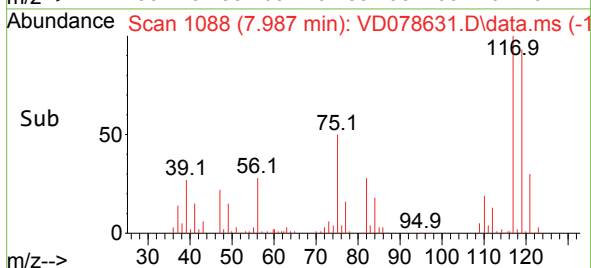
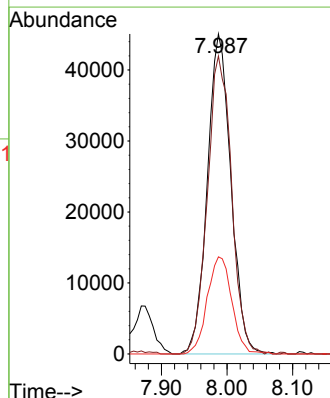
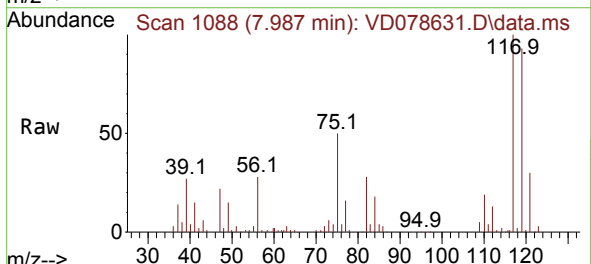
Tgt Ion: 117 Resp: 112628

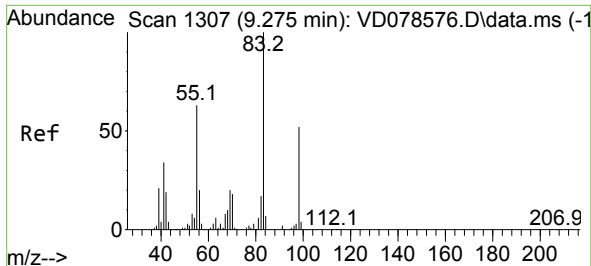
Ion Ratio Lower Upper

117 100

119 93.1 78.0 117.0

121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 48.598 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078631.D

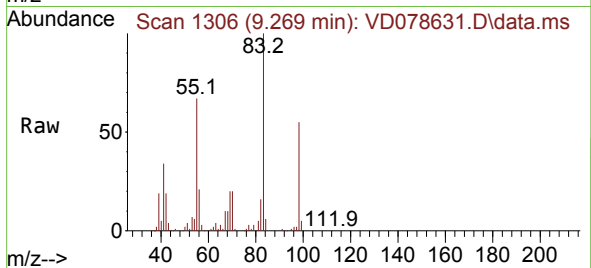
Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



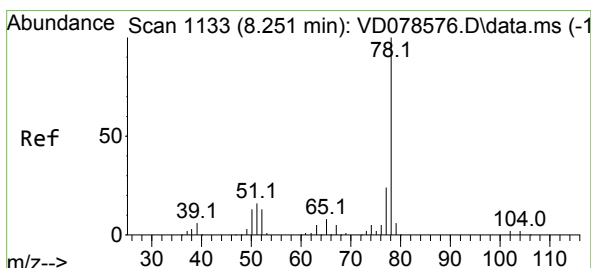
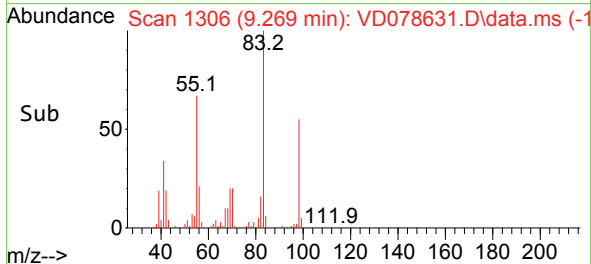
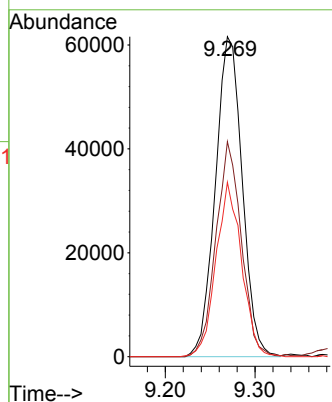
Tgt Ion: 83 Resp: 128032

Ion Ratio Lower Upper

83 100

55 67.2 49.4 74.0

98 54.5 38.4 57.6



#40

Benzene

Concen: 47.956 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD078631.D

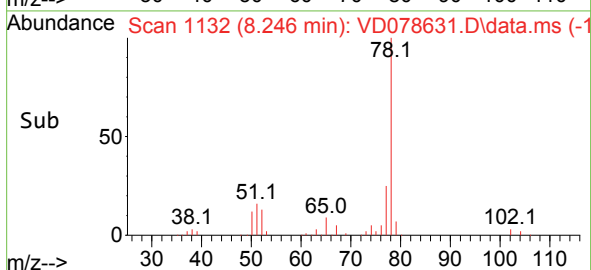
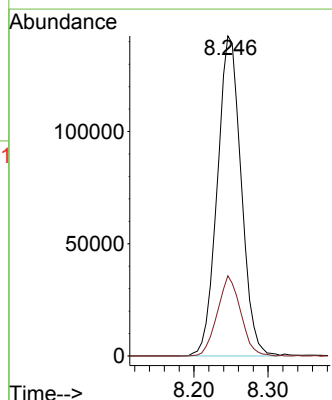
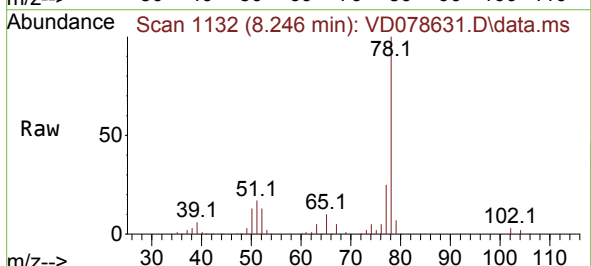
Acq: 11 Mar 2024 17:12

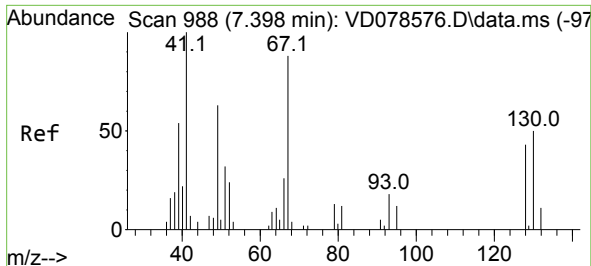
Tgt Ion: 78 Resp: 319058

Ion Ratio Lower Upper

78 100

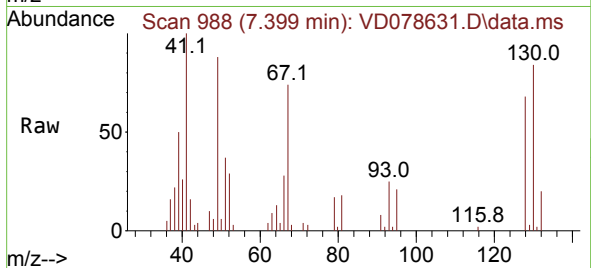
77 25.1 19.4 29.0



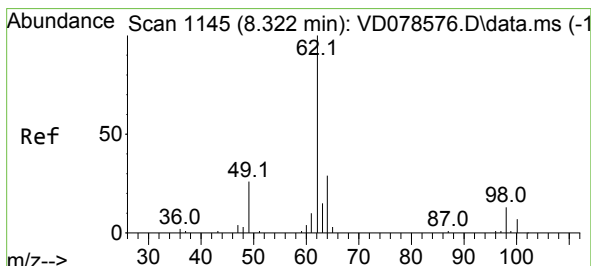
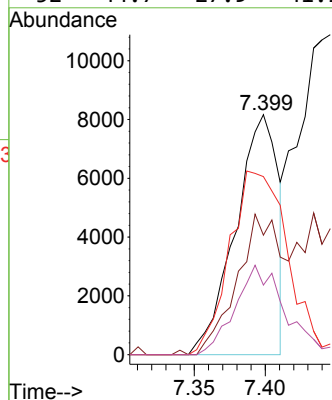
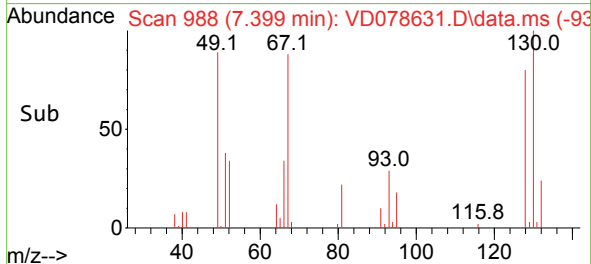


#41
Methacrylonitrile
Concen: 43.852 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

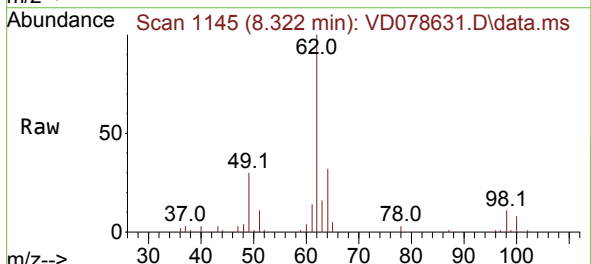
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



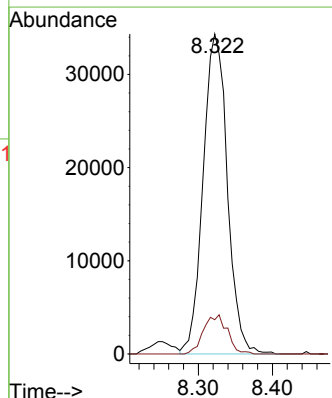
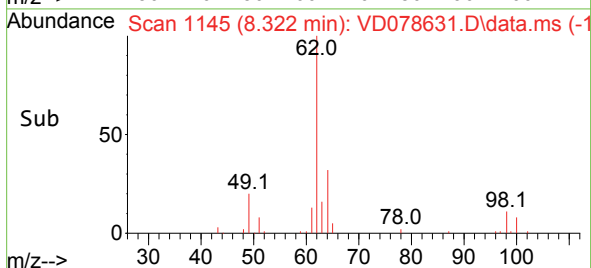
Tgt Ion: 41 Resp: 17094
Ion Ratio Lower Upper
41 100
39 62.5 34.0 51.0#
67 103.6 77.0 115.4
52 44.7 27.9 41.9#

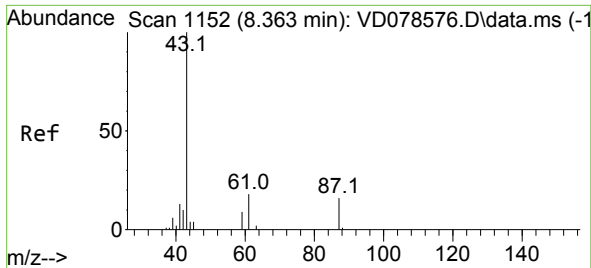


#42
1,2-Dichloroethane
Concen: 46.240 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12



Tgt Ion: 62 Resp: 78047
Ion Ratio Lower Upper
62 100
98 12.0 0.0 25.4

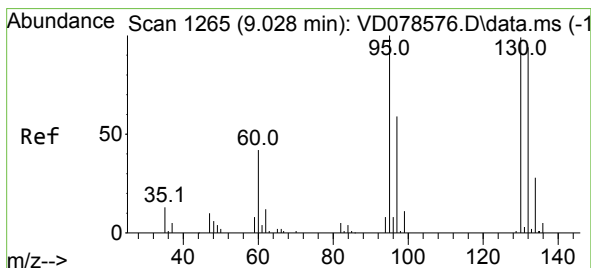
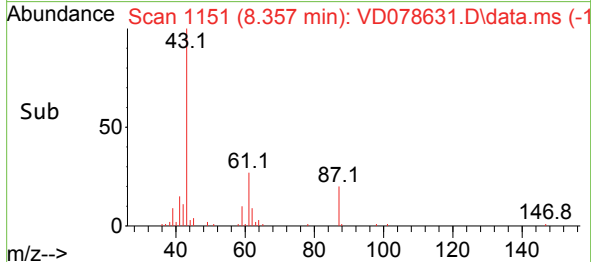
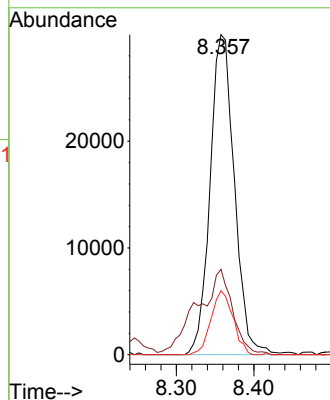
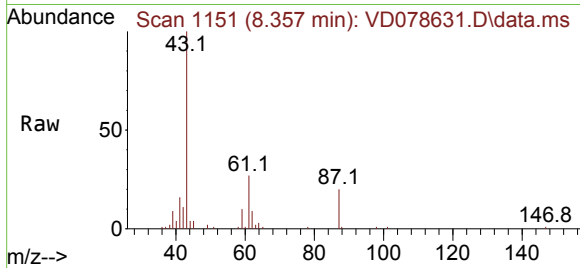




#43
Isopropyl Acetate
Concen: 46.894 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

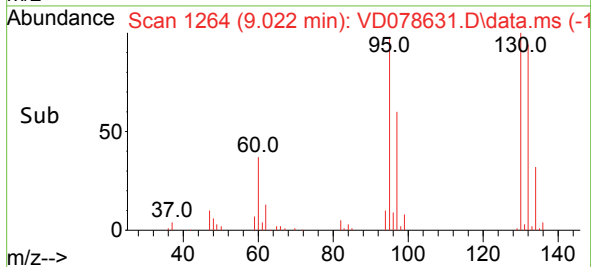
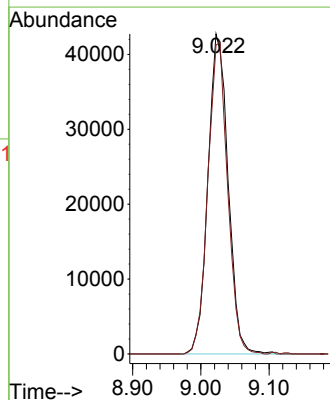
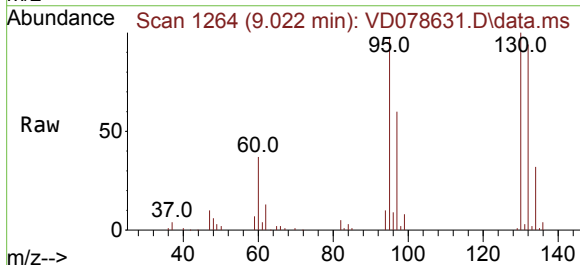
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

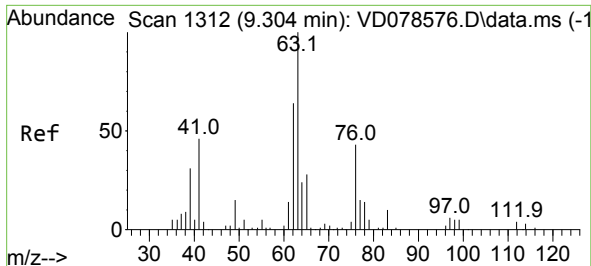
Tgt Ion: 43 Resp: 65386
Ion Ratio Lower Upper
43 100
61 38.8 31.4 47.0
87 18.2 14.9 22.3



#44
Trichloroethene
Concen: 48.155 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion:130 Resp: 87919
Ion Ratio Lower Upper
130 100
95 96.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.420 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

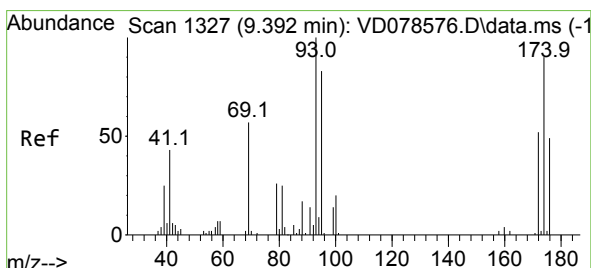
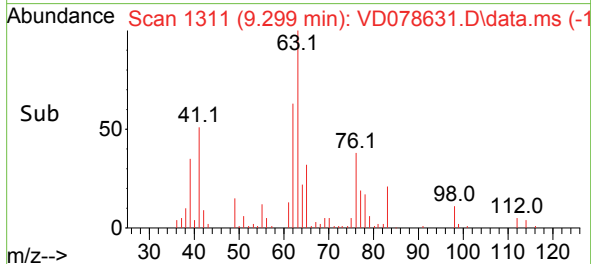
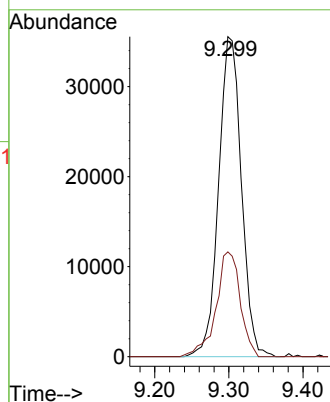
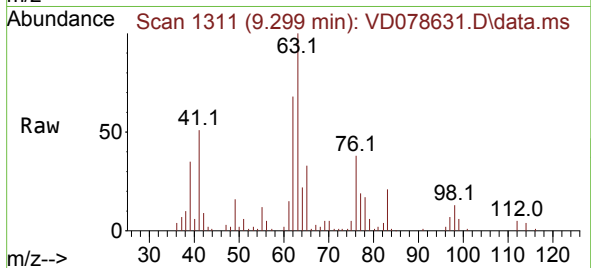
VSTDCCC050EC

Tgt Ion: 63 Resp: 75787

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 49.016 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

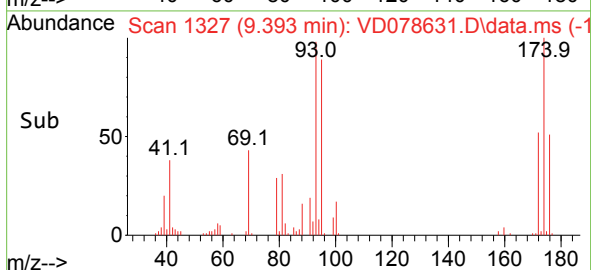
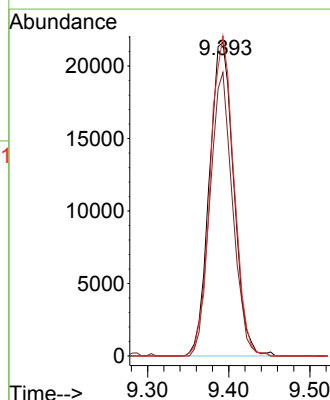
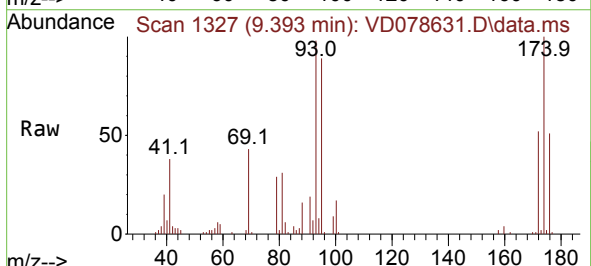
Tgt Ion: 93 Resp: 45161

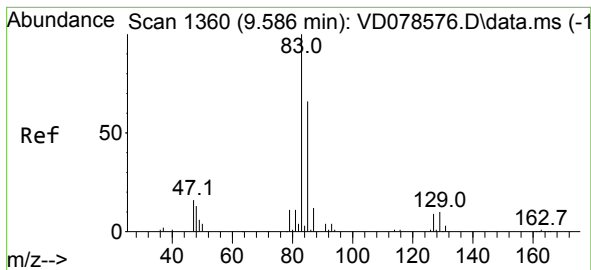
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 98.4 85.4 128.2





#47

Bromodichloromethane

Concen: 48.667 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

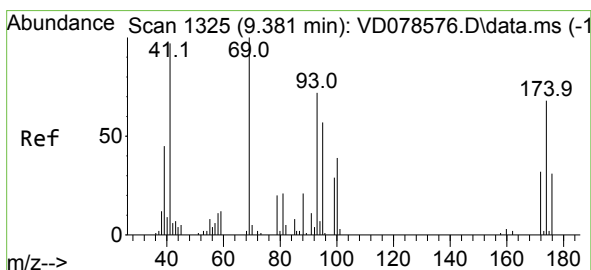
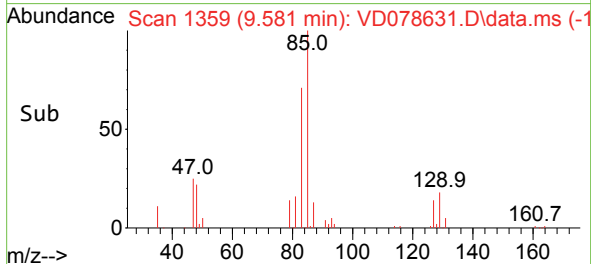
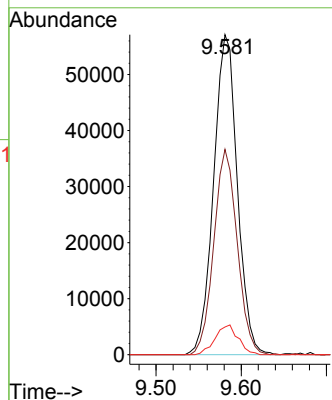
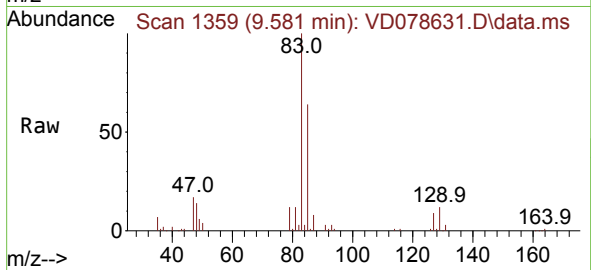
Tgt Ion: 83 Resp: 110561

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.4

127 8.7 6.3 9.5



#48

Methyl methacrylate

Concen: 50.240 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

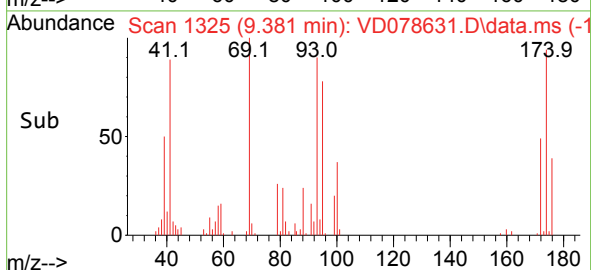
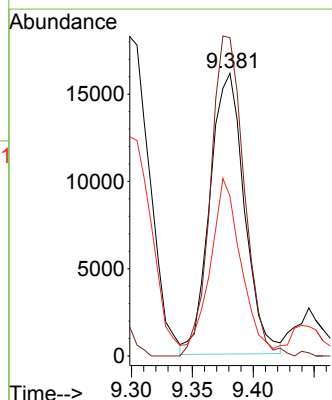
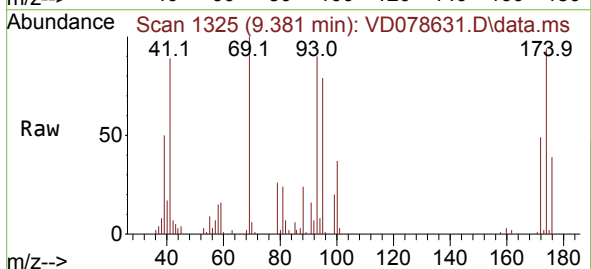
Tgt Ion: 41 Resp: 31733

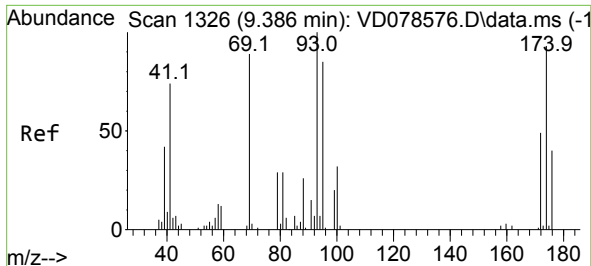
Ion Ratio Lower Upper

41 100

69 110.4 102.2 153.2

39 57.4 41.4 62.2

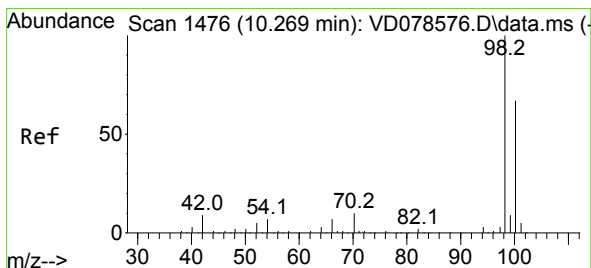
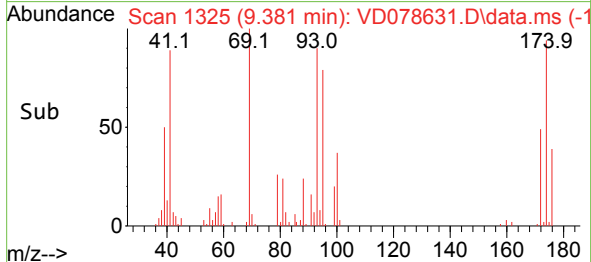
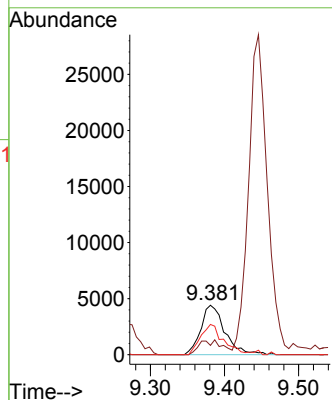
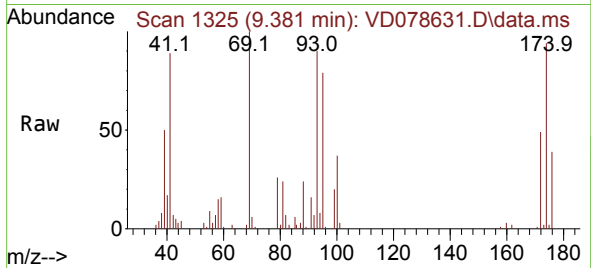




#49
1,4-Dioxane
Concen: 980.777 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

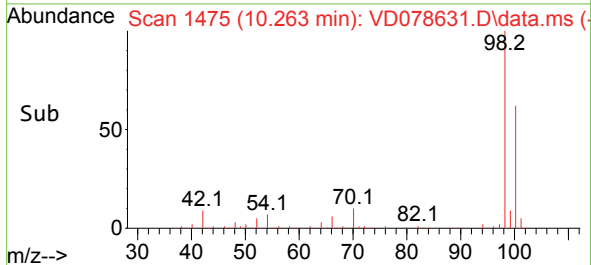
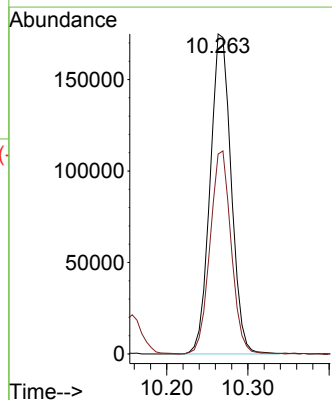
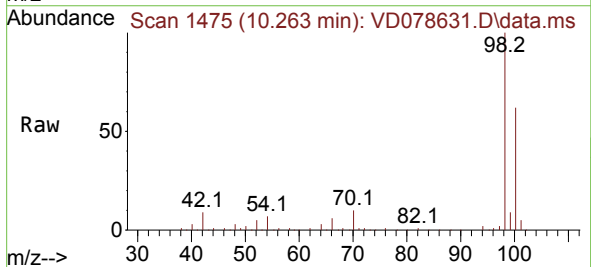
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

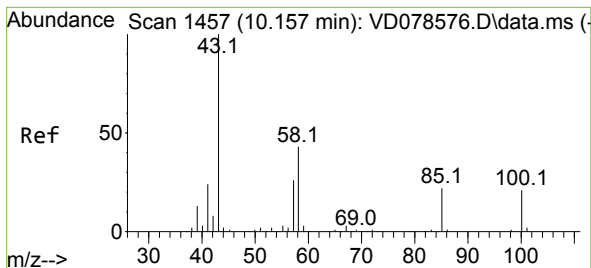
Tgt Ion: 88 Resp: 9950
Ion Ratio Lower Upper
88 100
43 28.3 19.0 28.6
58 57.7 43.5 65.3



#50
Toluene-d8
Concen: 50.061 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 98 Resp: 315542
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5

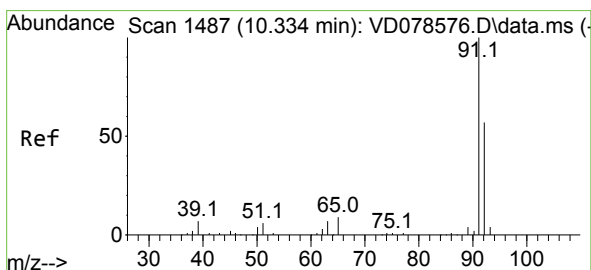
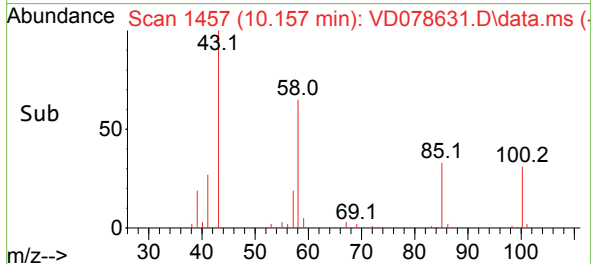
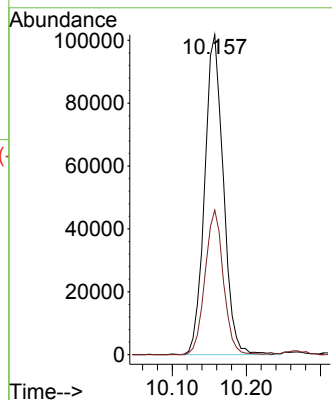
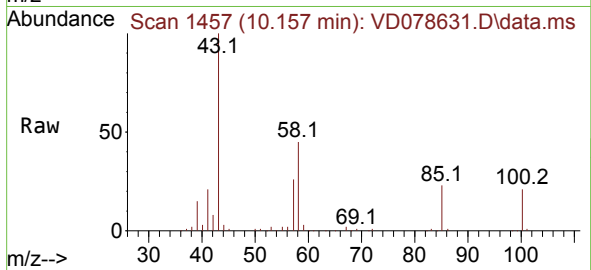




#51
4-Methyl-2-Pentanone
Concen: 248.290 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

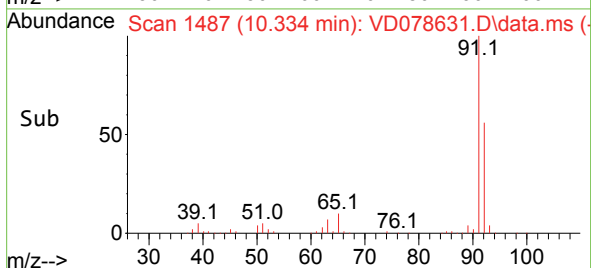
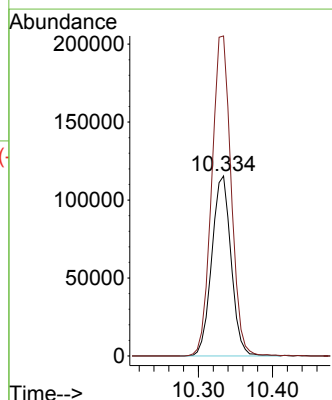
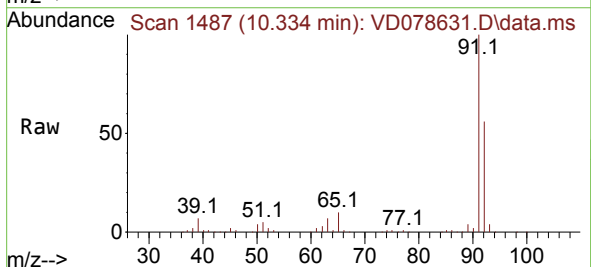
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

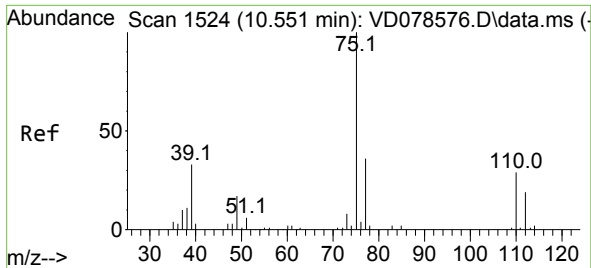
Tgt Ion: 43 Resp: 178693
Ion Ratio Lower Upper
43 100
58 44.3 38.9 58.3



#52
Toluene
Concen: 48.827 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 92 Resp: 208442
Ion Ratio Lower Upper
92 100
91 179.3 143.0 214.4

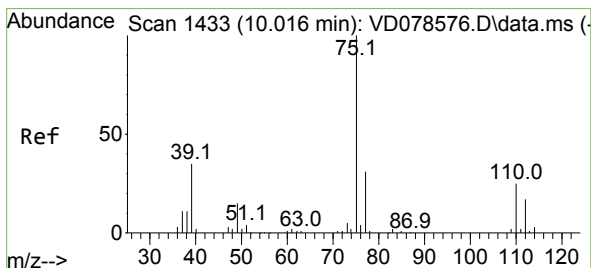
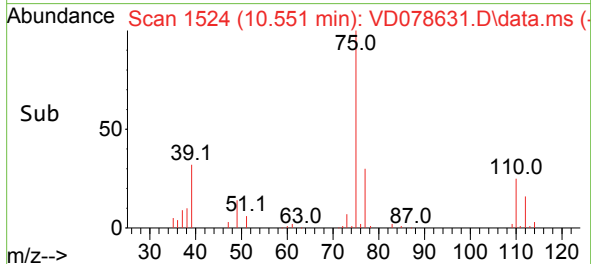
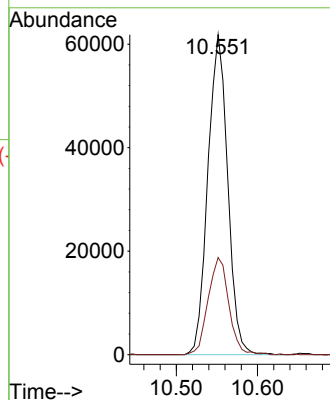
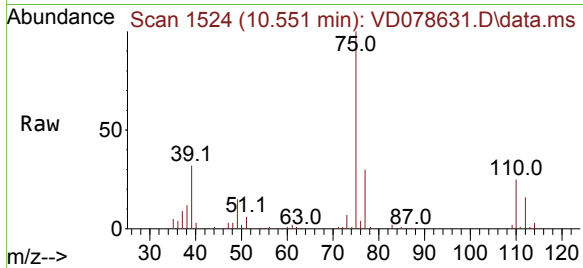




#53
t-1,3-Dichloropropene
Concen: 49.836 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

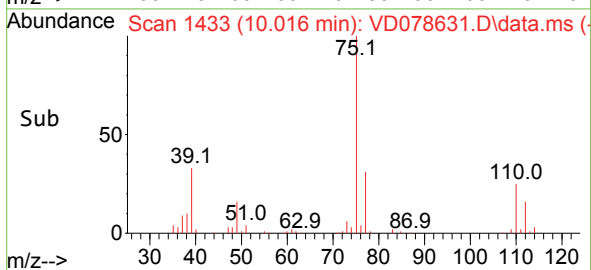
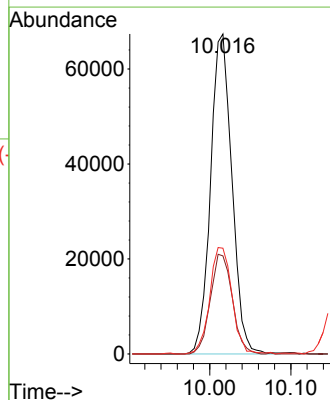
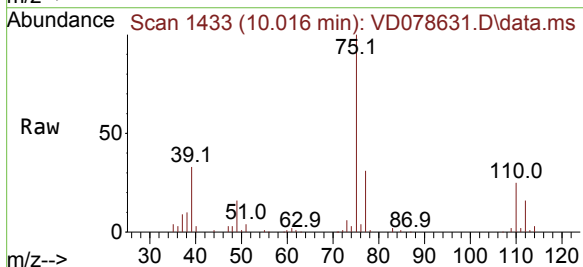
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

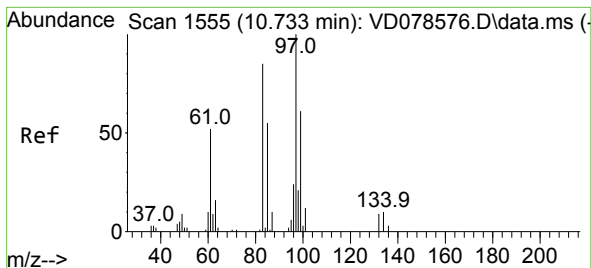
Tgt Ion: 75 Resp: 104738
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.943 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 75 Resp: 123158
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 33.1 22.1 33.1

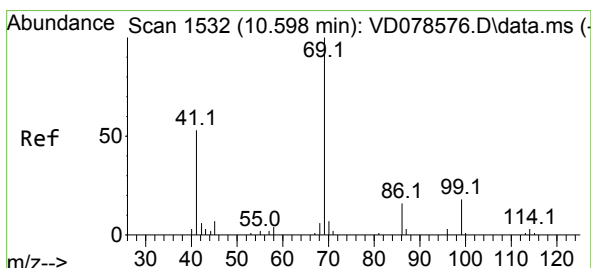
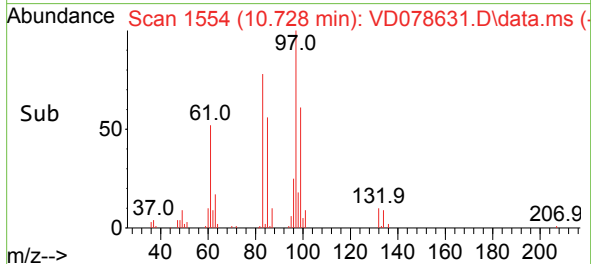
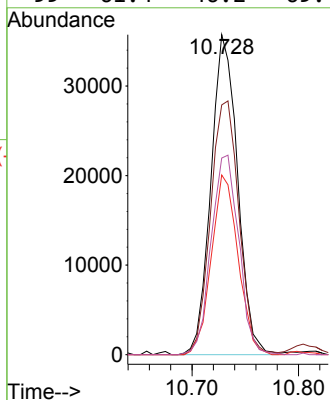
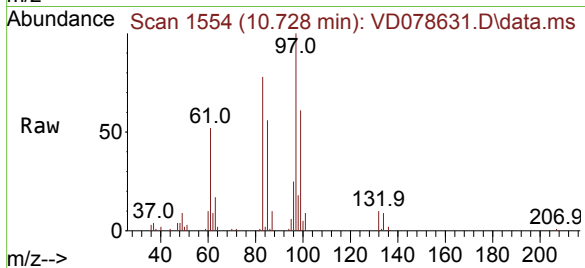




#55
1,1,2-Trichloroethane
Concen: 47.907 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

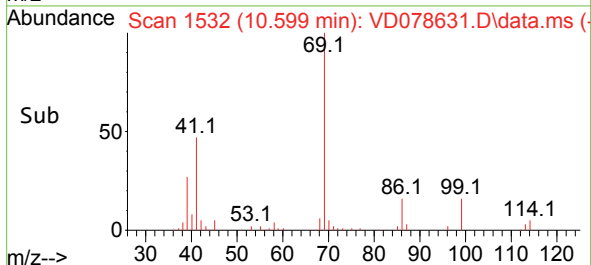
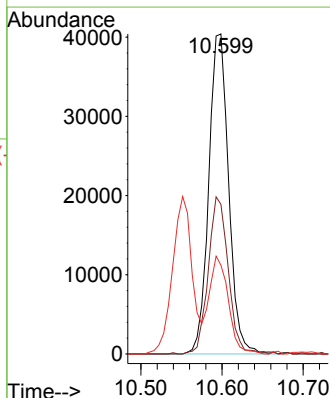
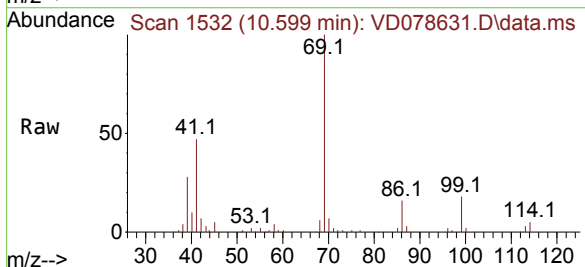
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

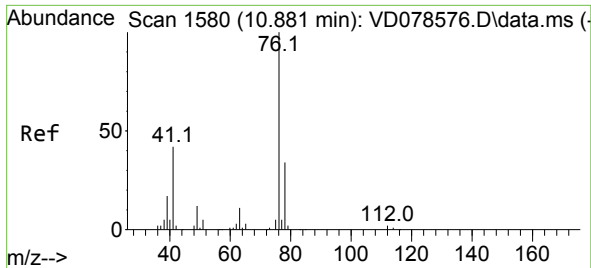
Tgt Ion:	97	Resp:	62152
Ion	Ratio	Lower	Upper
97	100		
83	78.0	65.8	98.6
85	56.1	45.7	68.5
99	61.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 52.941 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion:	69	Resp:	68840
Ion	Ratio	Lower	Upper
69	100		
41	49.4	39.1	58.7
39	29.2	20.0	30.0

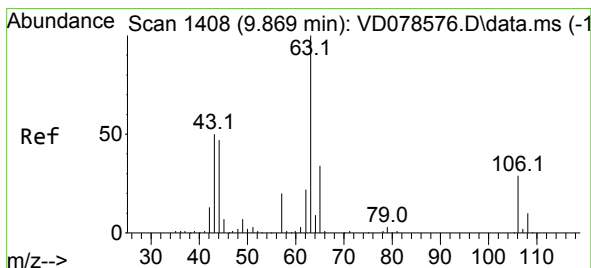
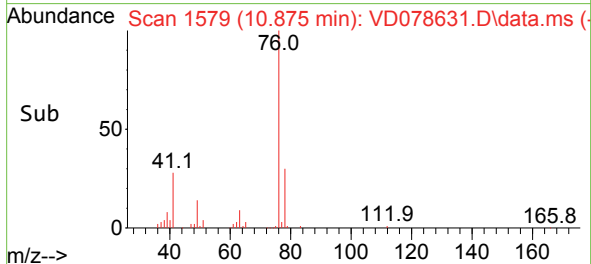
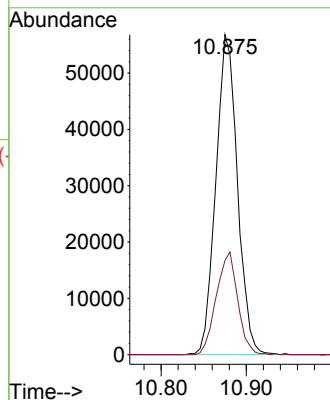
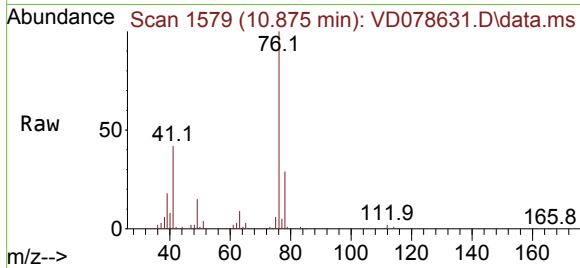




#57
 1,3-Dichloropropane
 Concen: 47.649 ug/l
 RT: 10.875 min Scan# 1580
 Delta R.T. -0.006 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

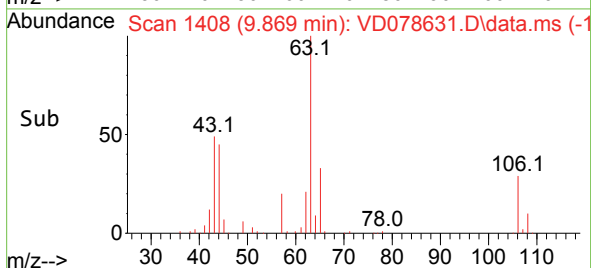
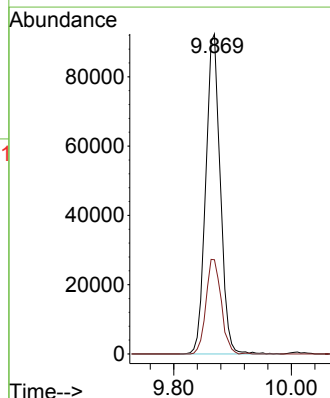
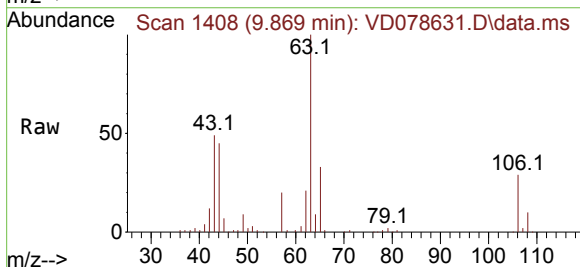
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

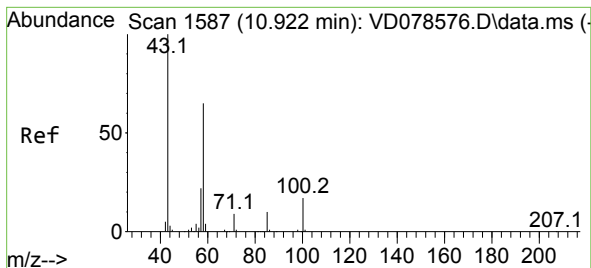
Tgt Ion: 76 Resp: 100175
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.132 ug/l
 RT: 9.869 min Scan# 1408
 Delta R.T. 0.000 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

Tgt Ion: 63 Resp: 158193
 Ion Ratio Lower Upper
 63 100
 106 30.9 25.3 37.9

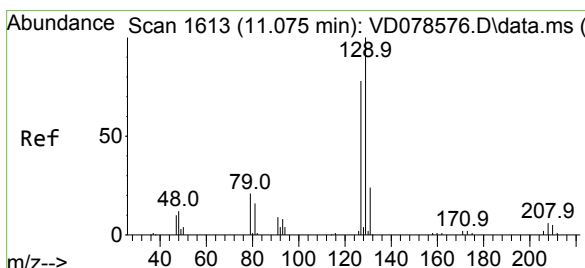
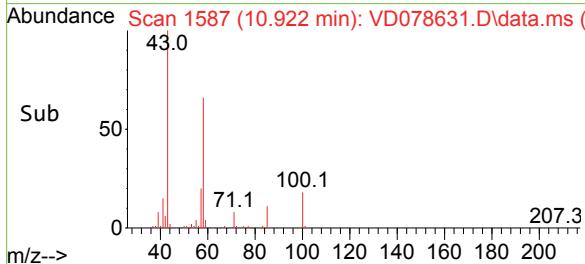
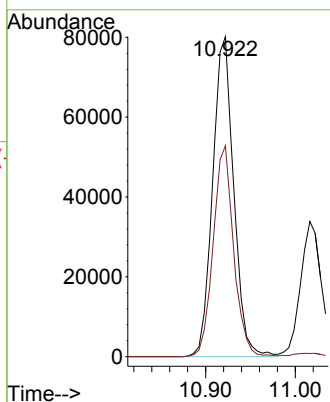
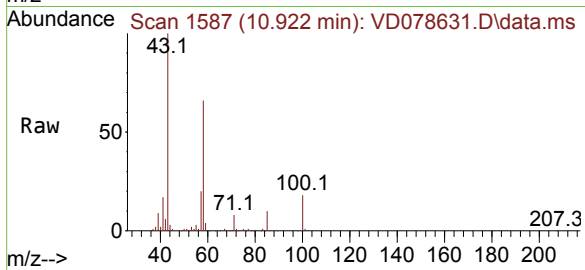




#59
2-Hexanone
Concen: 244.533 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

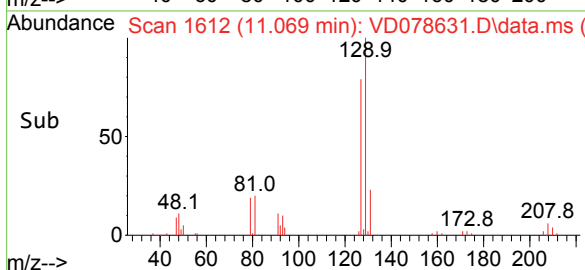
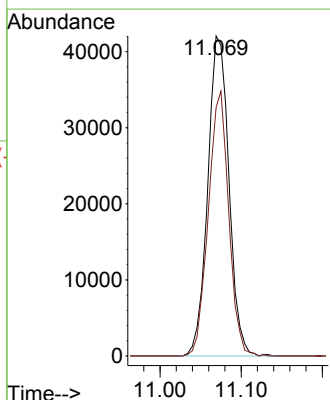
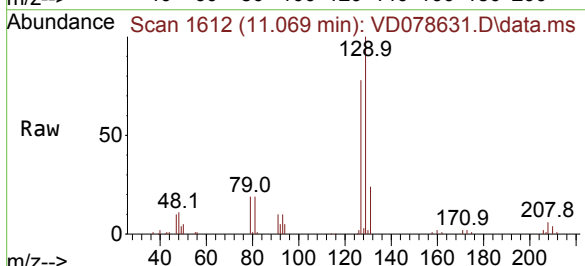
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

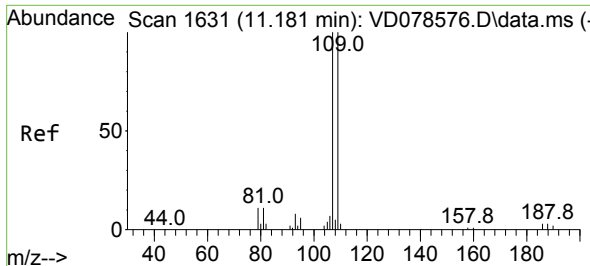
Tgt Ion: 43 Resp: 130534
Ion Ratio Lower Upper
43 100
58 64.2 34.1 102.2



#60
Dibromochloromethane
Concen: 48.599 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 129 Resp: 76131
Ion Ratio Lower Upper
129 100
127 79.6 37.1 111.5

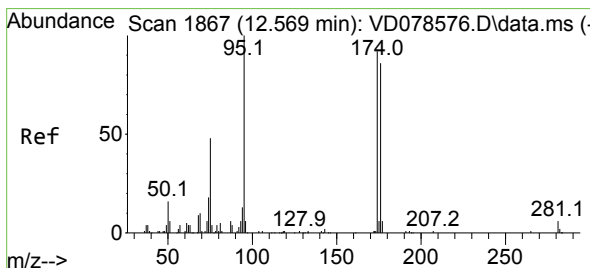
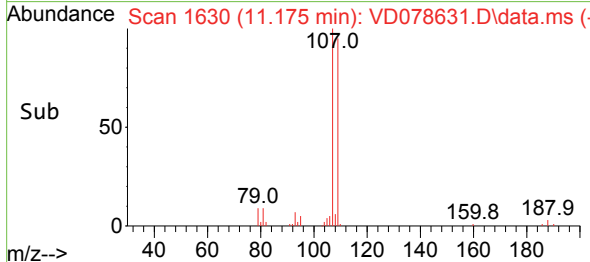
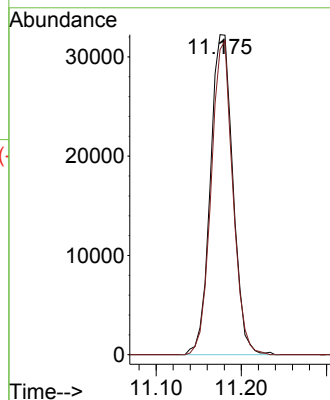
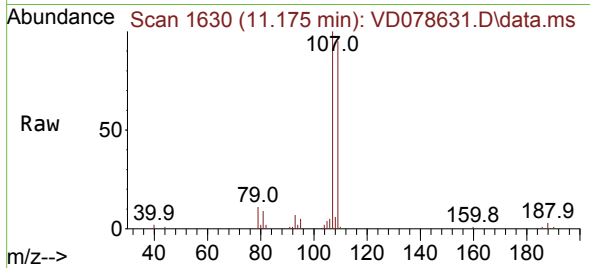




#61
1,2-Dibromoethane
Concen: 49.847 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

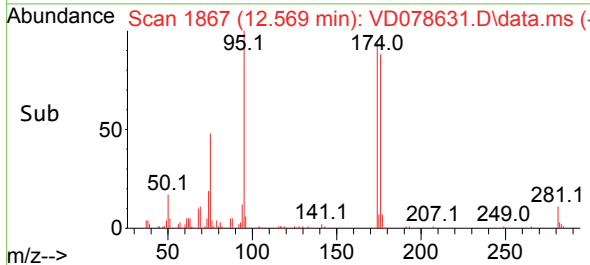
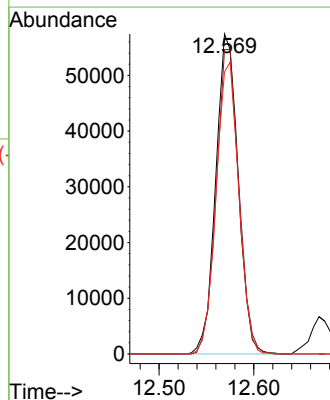
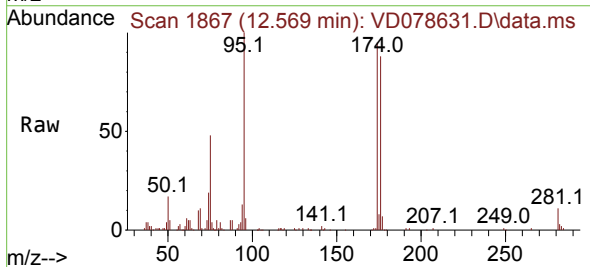
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

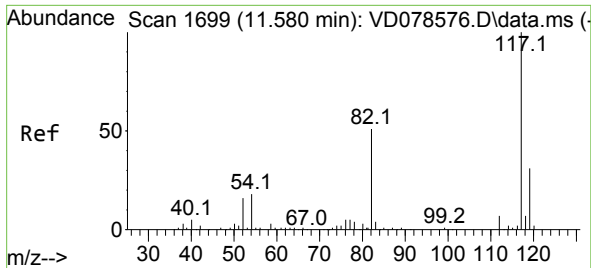
Tgt Ion:107 Resp: 59350
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.330 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 95 Resp: 94208
Ion Ratio Lower Upper
95 100
174 96.3 0.0 201.8
176 92.3 0.0 191.8

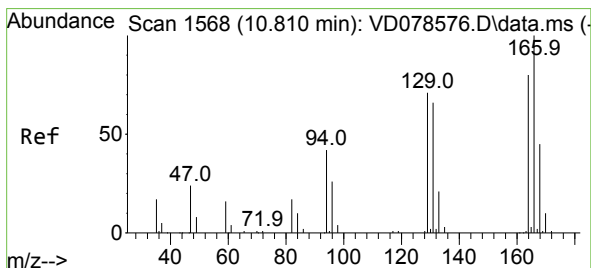
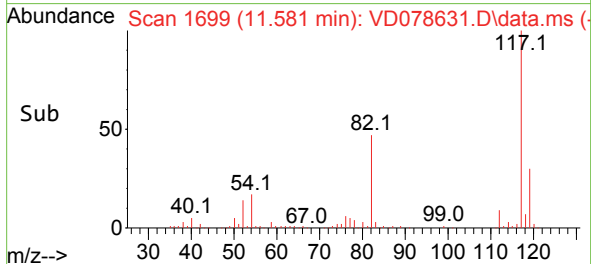
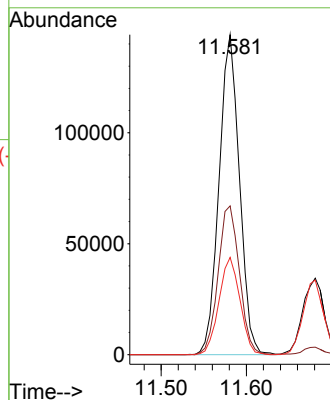
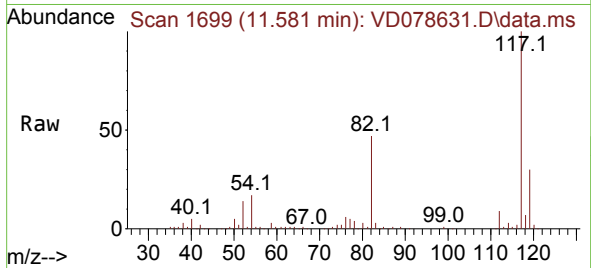




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

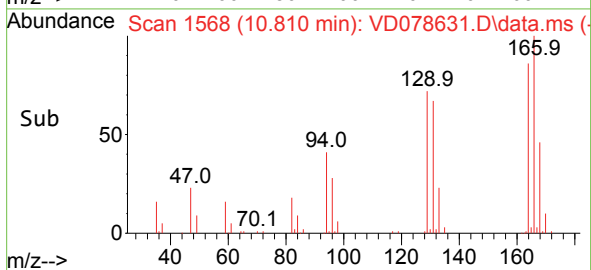
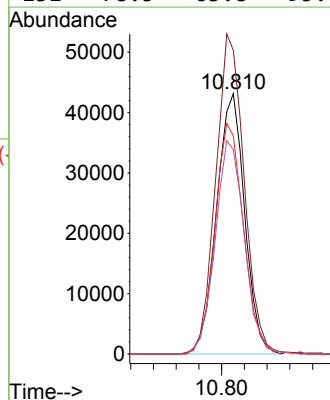
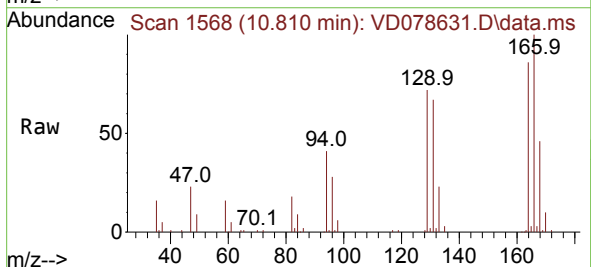
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

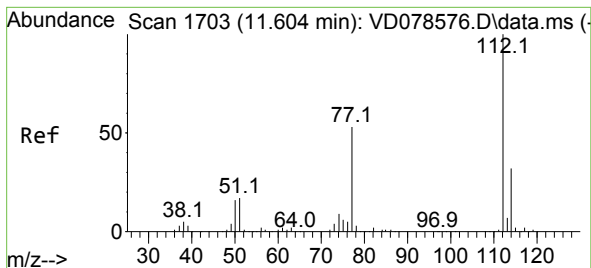
Tgt Ion:117 Resp: 239714
Ion Ratio Lower Upper
117 100
82 46.5 38.3 57.5
119 30.4 25.0 37.4



#64
Tetrachloroethene
Concen: 49.057 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion:164 Resp: 73992
Ion Ratio Lower Upper
164 100
166 116.7 99.2 148.8
129 83.9 68.4 102.6
131 78.5 63.8 95.8

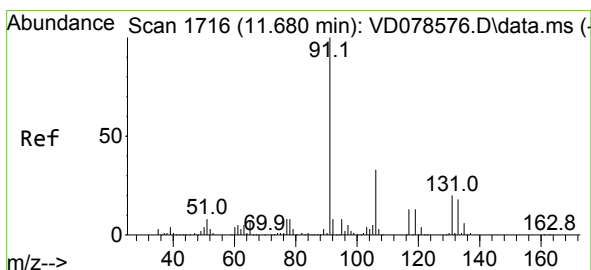
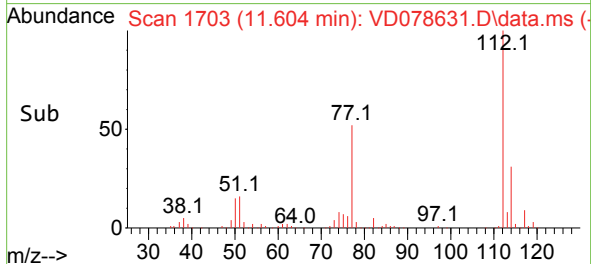
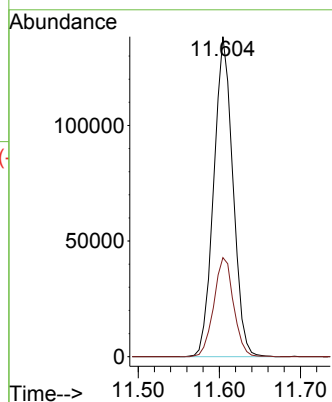
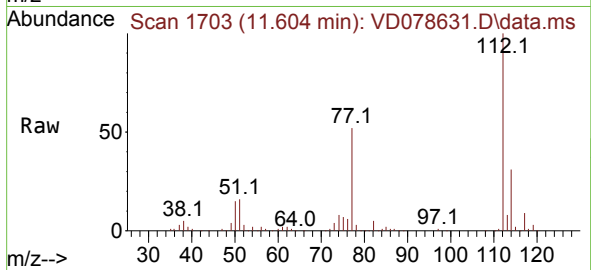




#65
Chlorobenzene
Concen: 48.054 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

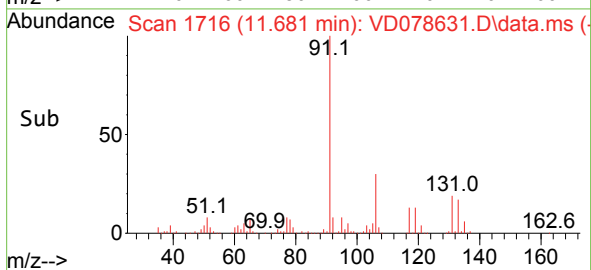
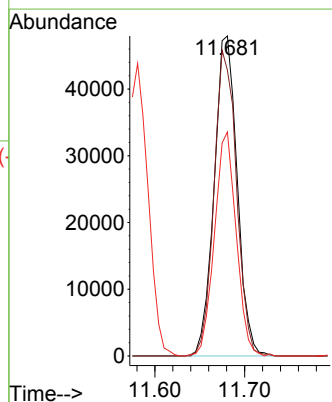
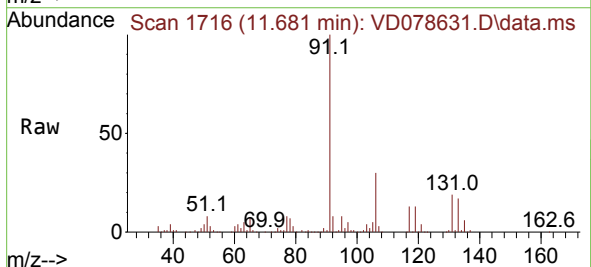
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

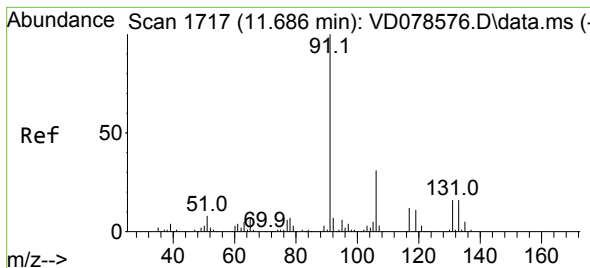
Tgt Ion:112 Resp: 226842
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.572 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion:131 Resp: 85360
Ion Ratio Lower Upper
131 100
133 93.2 48.5 145.5
119 66.2 35.6 106.9





#67

Ethyl Benzene

Concen: 49.553 ug/l

RT: 11.681 min Scan# 1717

Delta R.T. -0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

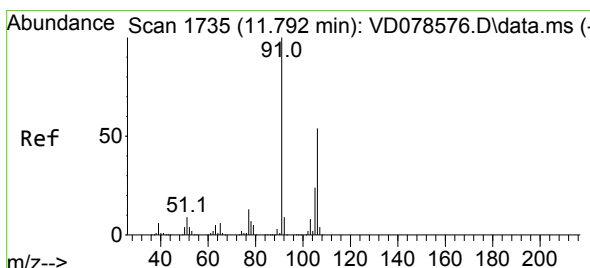
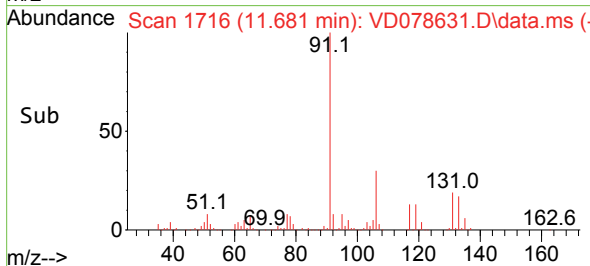
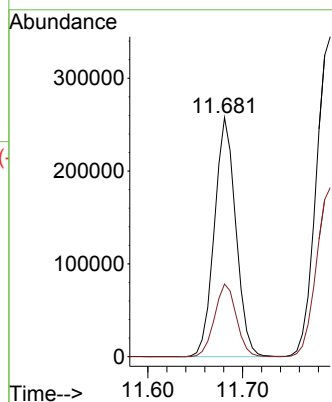
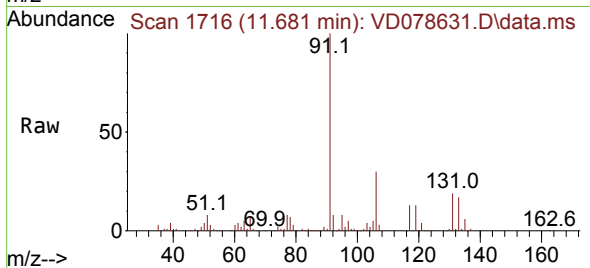
VSTDCCC050EC

Tgt Ion: 91 Resp: 405312

Ion Ratio Lower Upper

91 100

106 30.3 26.5 39.7



#68

m/p-Xylenes

Concen: 100.439 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078631.D

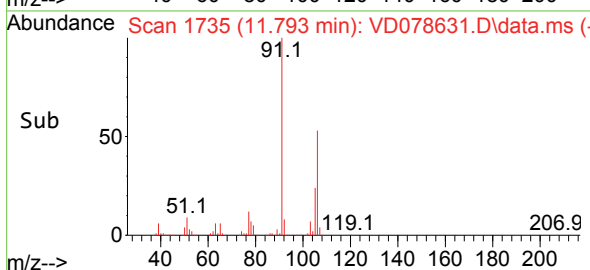
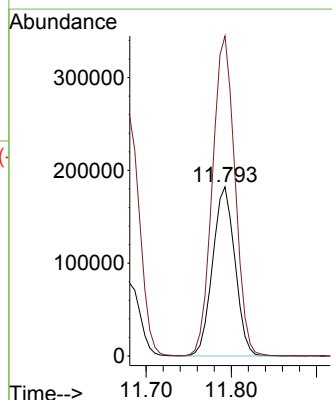
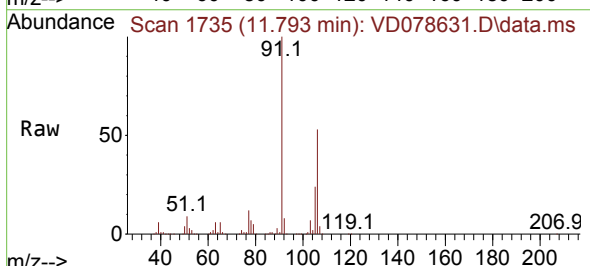
Acq: 11 Mar 2024 17:12

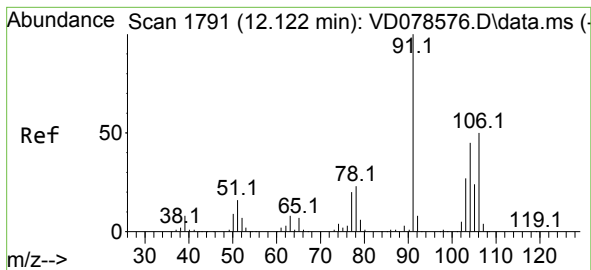
Tgt Ion:106 Resp: 332356

Ion Ratio Lower Upper

106 100

91 191.4 147.0 220.6

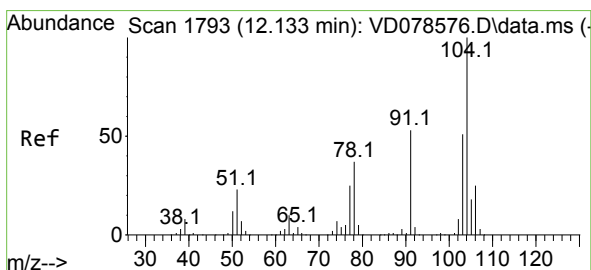
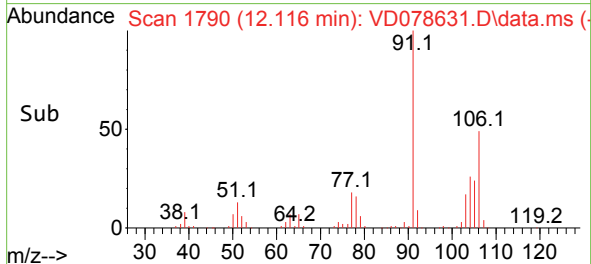
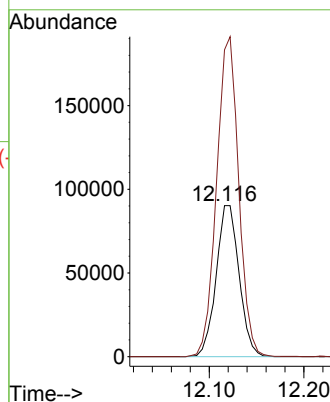
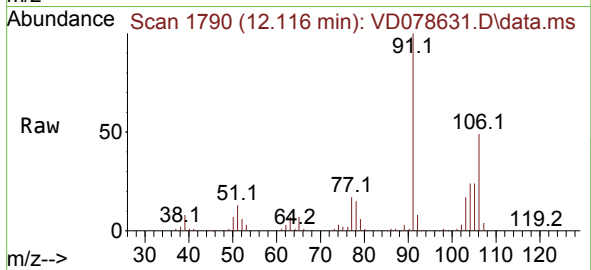




#69
o-Xylene
Concen: 50.634 ug/l
RT: 12.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

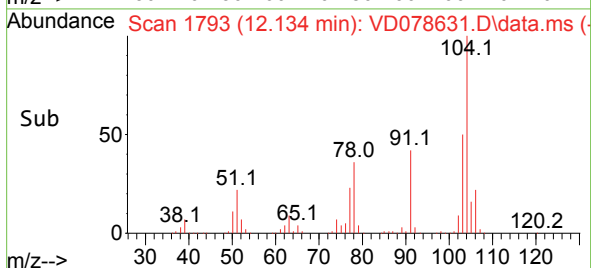
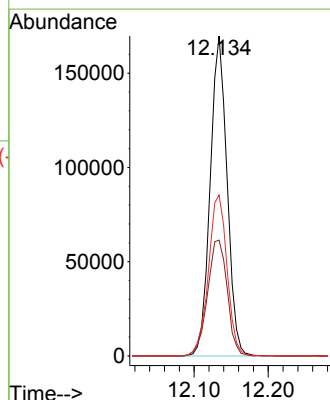
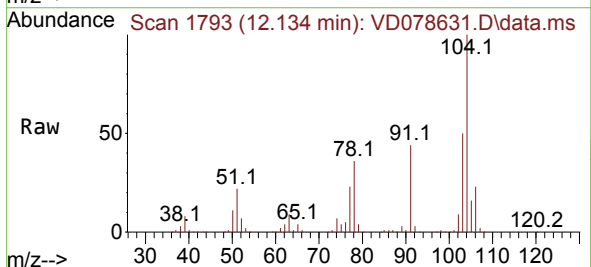
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

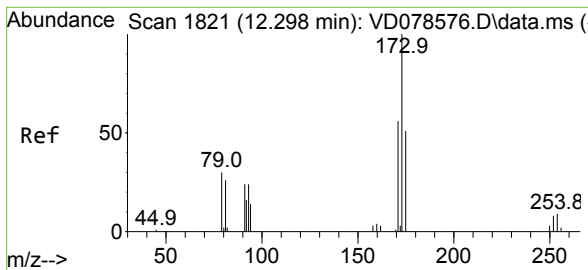
Tgt Ion:106 Resp: 151999
Ion Ratio Lower Upper
106 100
91 204.1 97.9 293.6



#70
Styrene
Concen: 51.542 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion:104 Resp: 268188
Ion Ratio Lower Upper
104 100
78 42.3 33.2 49.8
103 55.6 43.6 65.4

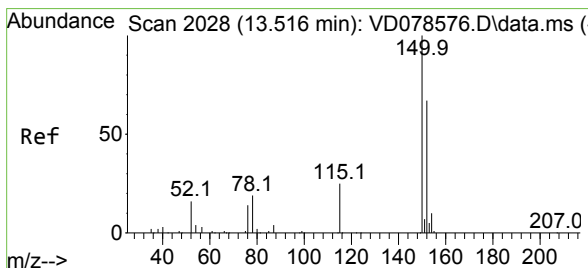
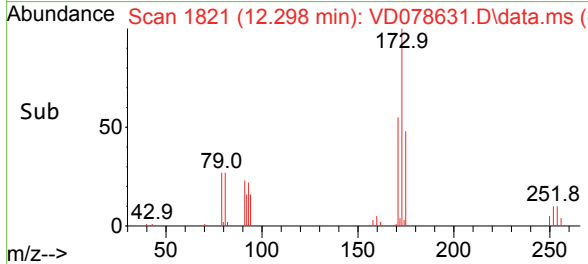
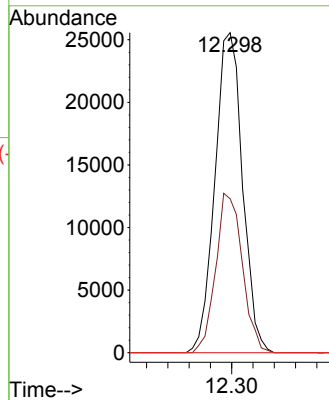
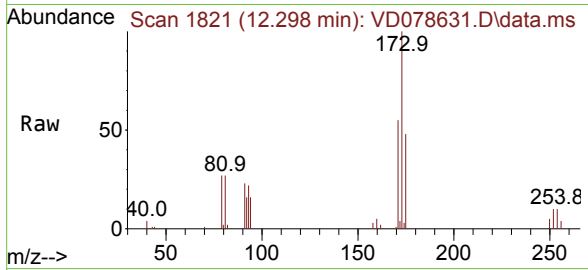




#71
Bromoform
Concen: 49.161 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

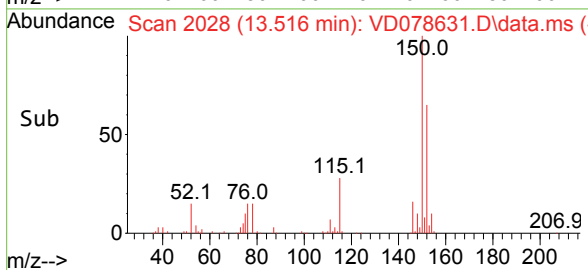
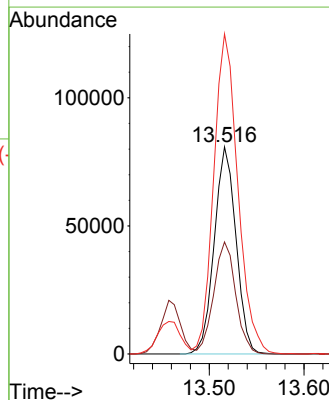
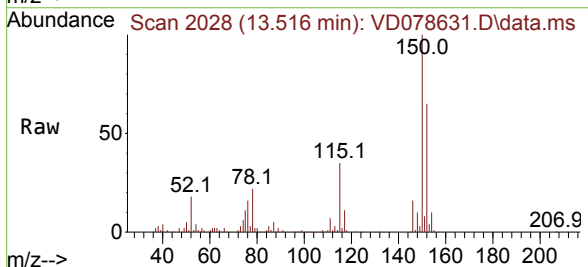
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

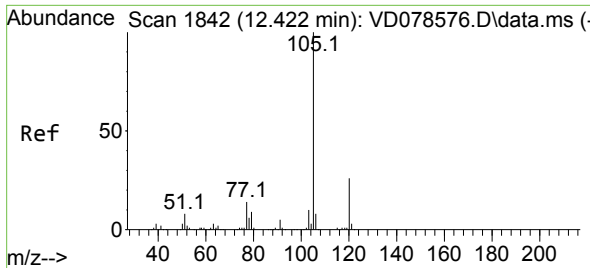
Tgt Ion:173 Resp: 45961
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion:152 Resp: 129112
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 171.7 0.0 353.6

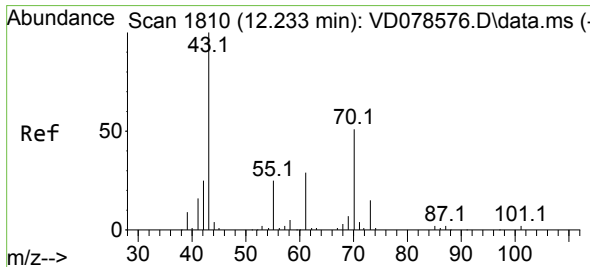
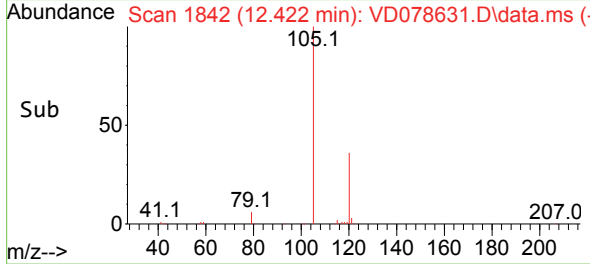
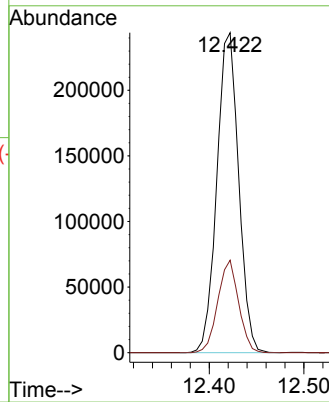
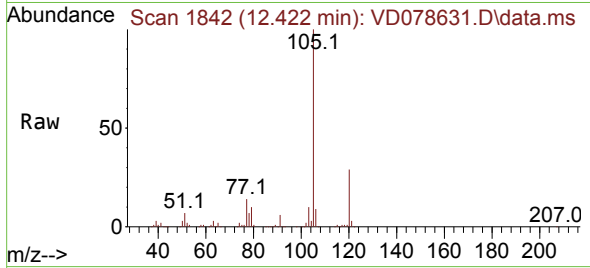




#73
Isopropylbenzene
Concen: 47.666 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

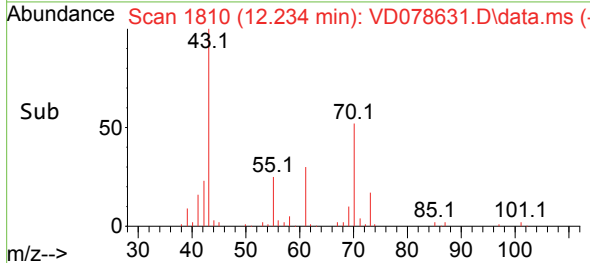
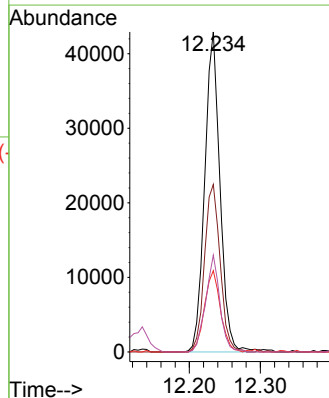
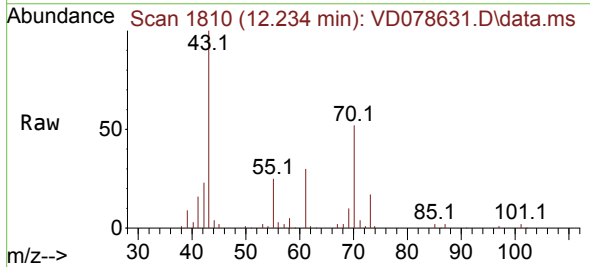
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

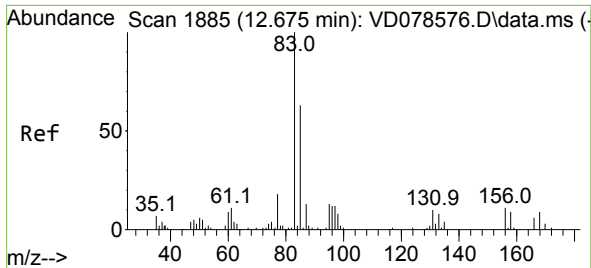
Tgt Ion:105 Resp: 390119
Ion Ratio Lower Upper
105 100
120 27.6 14.3 42.9



#74
N-ethyl acetate
Concen: 46.911 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 43 Resp: 64622
Ion Ratio Lower Upper
43 100
70 53.2 45.0 67.4
55 26.5 23.8 35.6
61 28.1 22.1 33.1

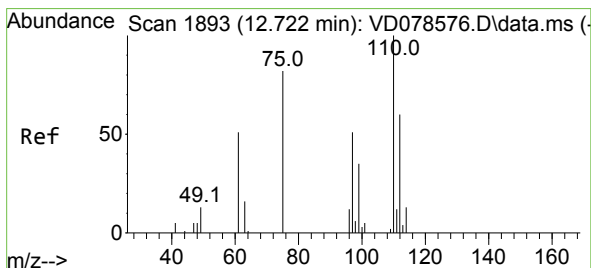
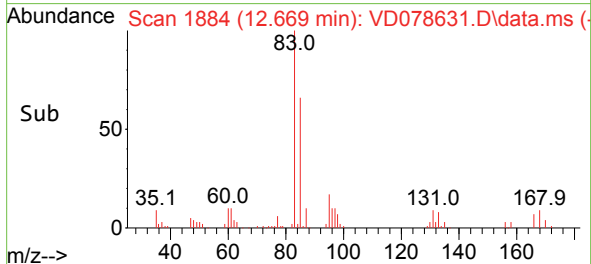
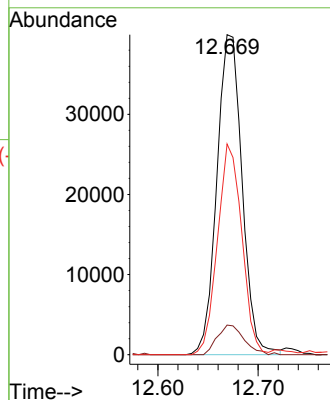
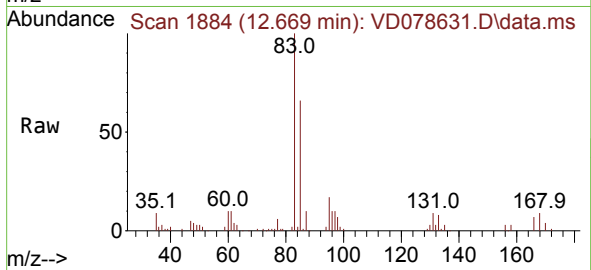




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.535 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.006 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

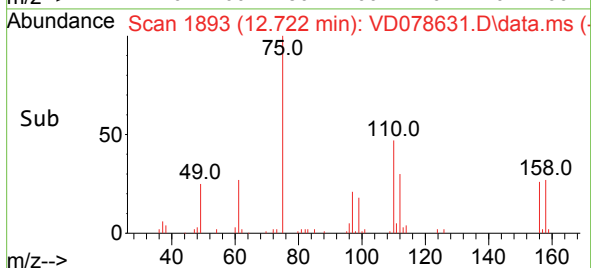
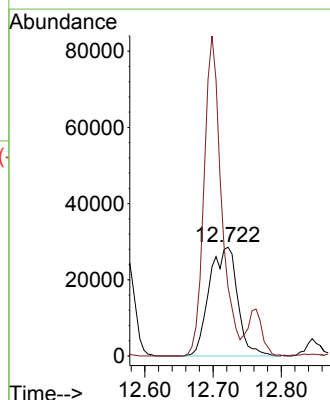
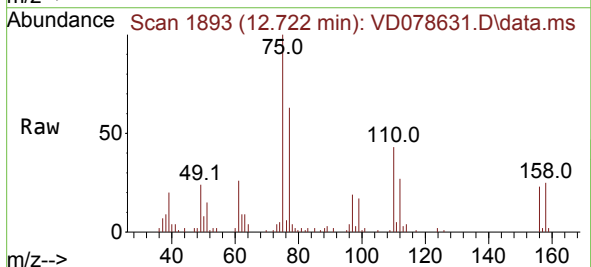
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

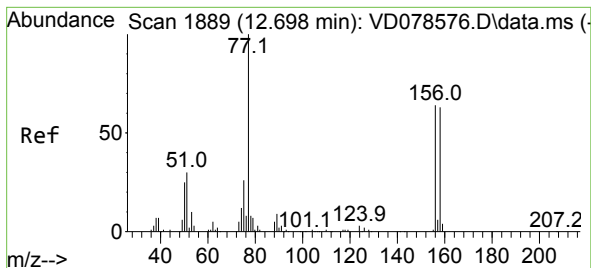
Tgt Ion: 83 Resp: 69825
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 63.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 83.410 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

Tgt Ion: 75 Resp: 82249
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.118 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

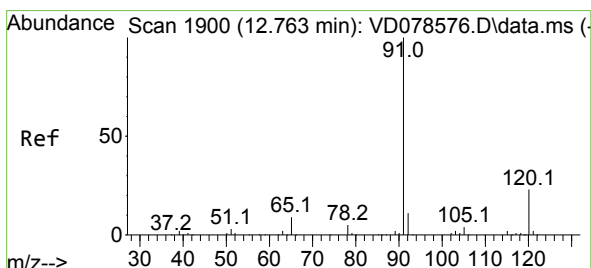
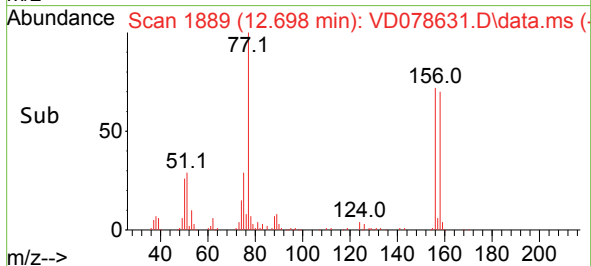
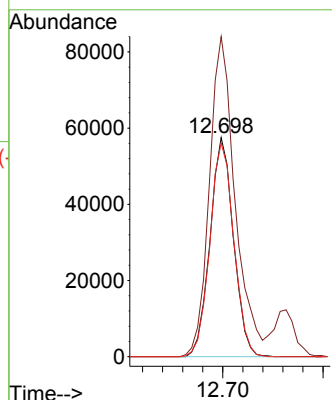
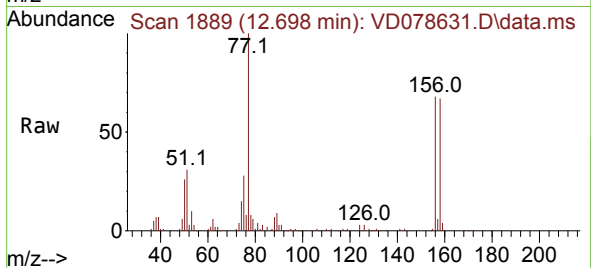
Tgt Ion:156 Resp: 93262

Ion Ratio Lower Upper

156 100

77 160.4 76.8 230.4

158 99.6 48.6 145.9



#78

n-propylbenzene

Concen: 48.996 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078631.D

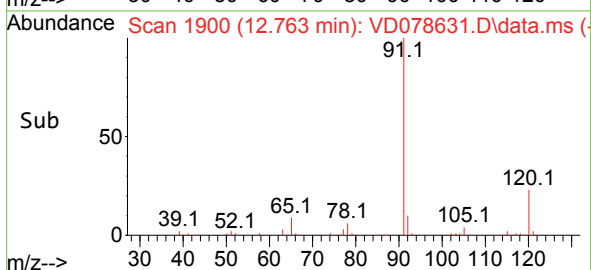
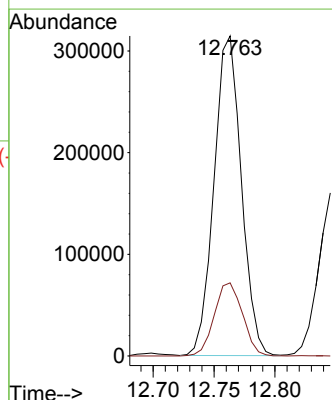
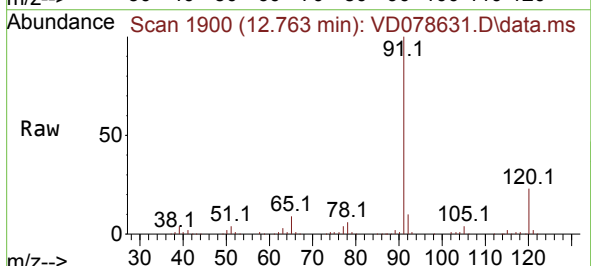
Acq: 11 Mar 2024 17:12

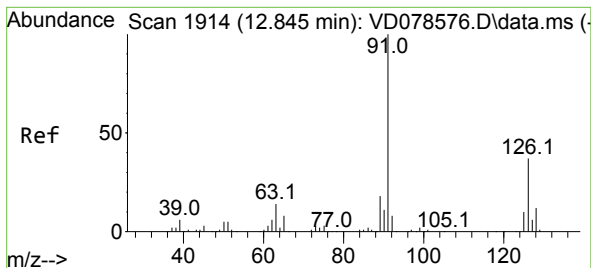
Tgt Ion: 91 Resp: 490500

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 48.206 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

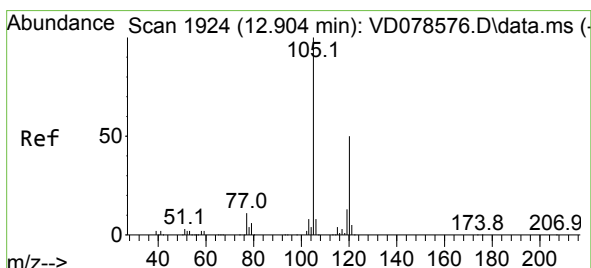
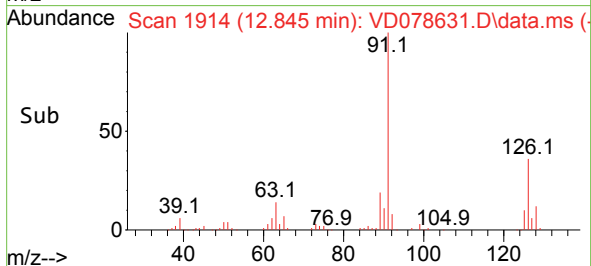
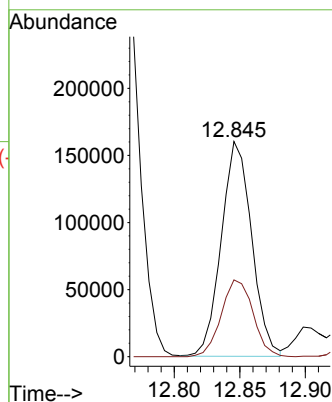
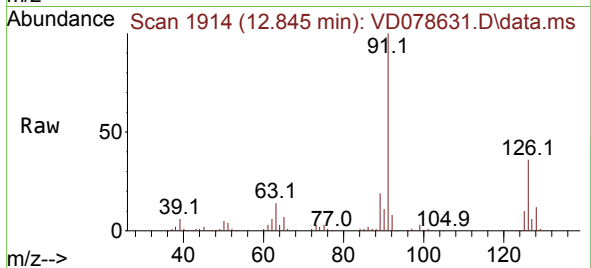
VSTDCCC050EC

Tgt Ion: 91 Resp: 258970

Ion Ratio Lower Upper

91 100

126 37.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 50.592 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078631.D

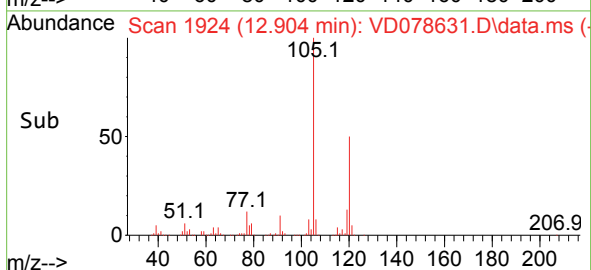
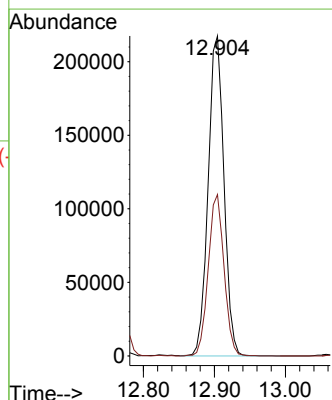
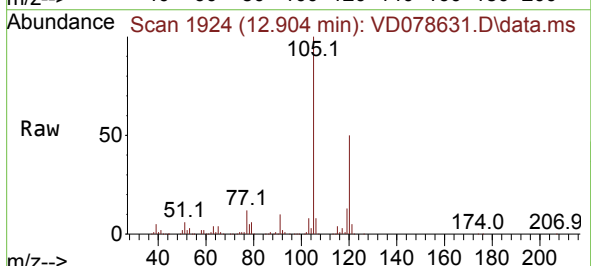
Acq: 11 Mar 2024 17:12

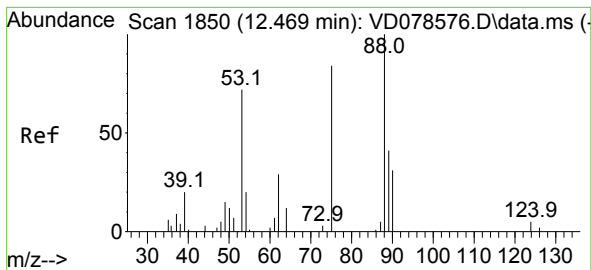
Tgt Ion: 105 Resp: 336933

Ion Ratio Lower Upper

105 100

120 50.3 26.4 79.2

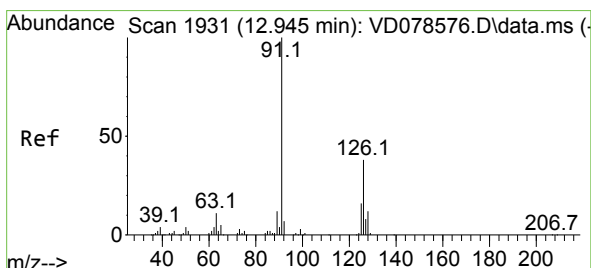
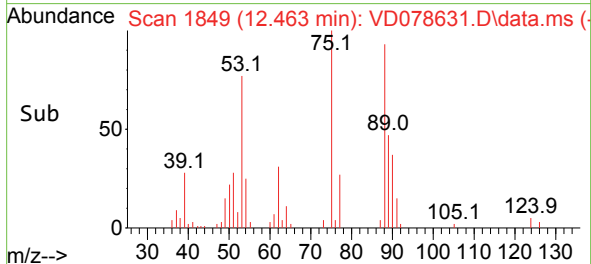
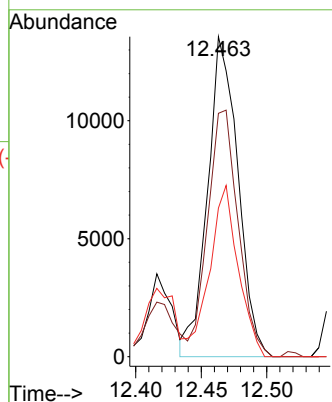
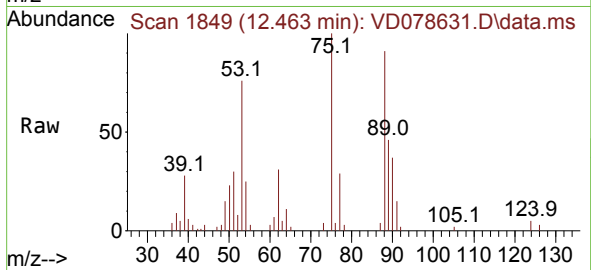




#81
trans-1,4-Dichloro-2-butene
Concen: 47.383 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

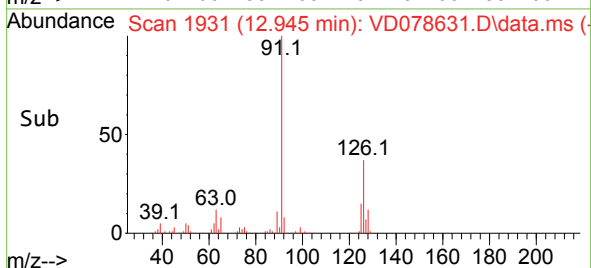
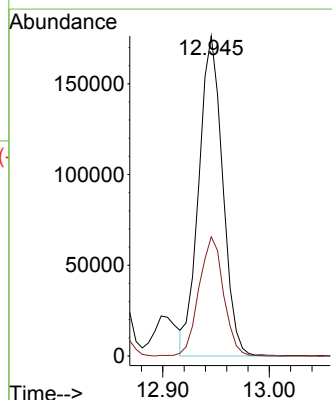
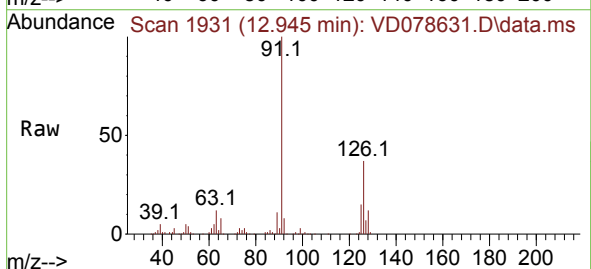
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

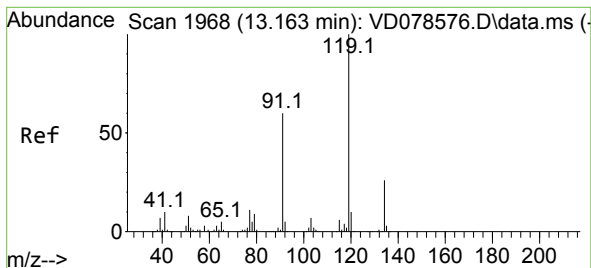
Tgt Ion: 75 Resp: 21829
Ion Ratio Lower Upper
75 100
53 77.2 63.0 94.4
89 49.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.922 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078631.D
Acq: 11 Mar 2024 17:12

Tgt Ion: 91 Resp: 274363
Ion Ratio Lower Upper
91 100
126 38.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 51.761 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

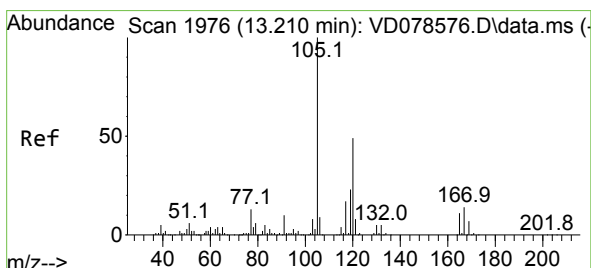
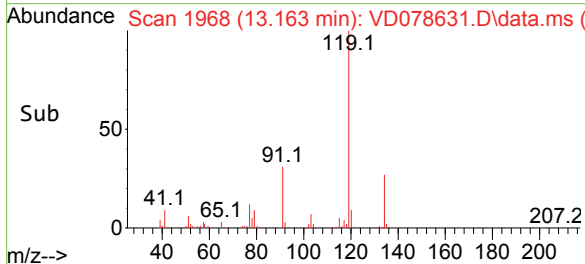
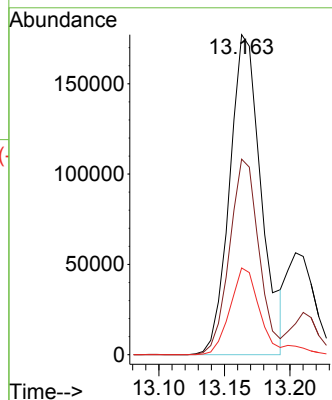
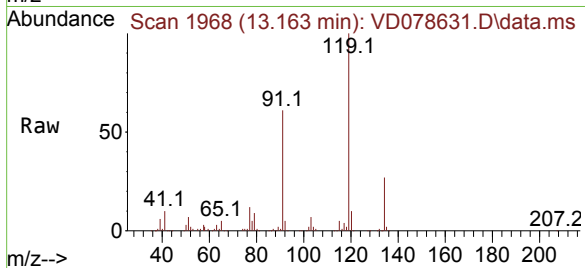
Tgt Ion:119 Resp: 296820

Ion Ratio Lower Upper

119 100

91 57.2 29.3 87.8

134 27.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 49.280 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078631.D

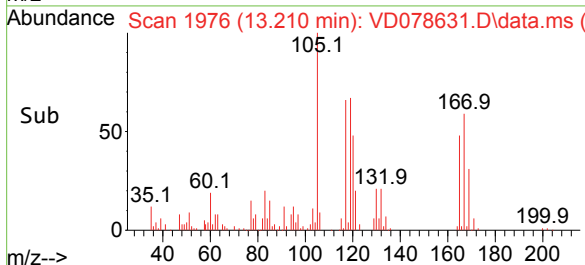
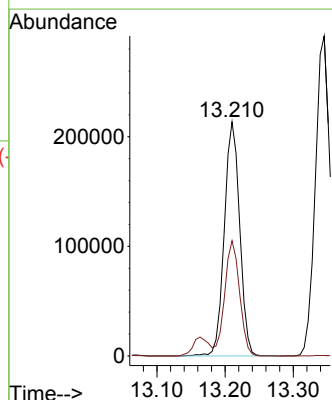
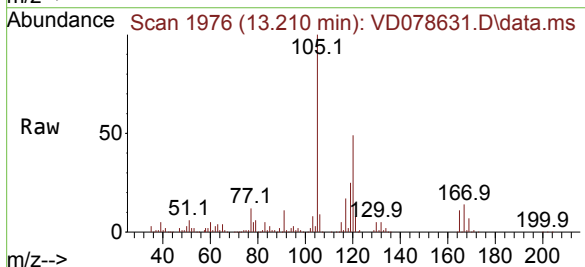
Acq: 11 Mar 2024 17:12

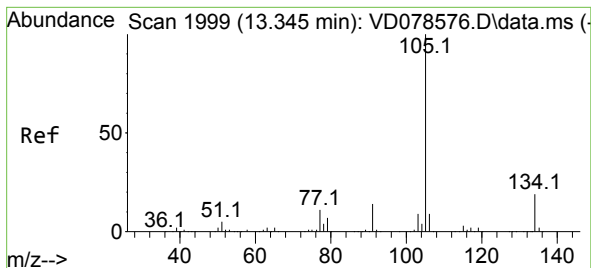
Tgt Ion:105 Resp: 335453

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.9

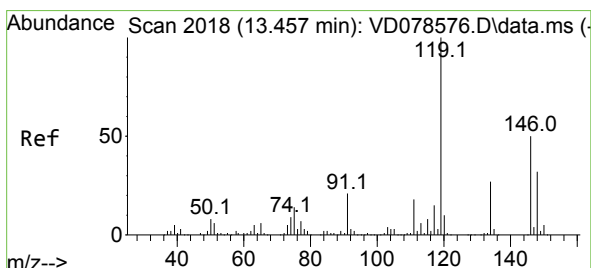
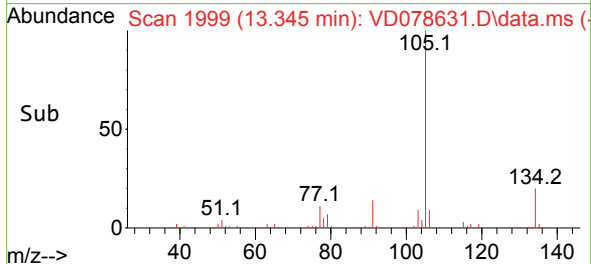
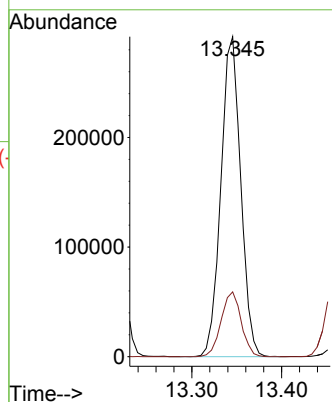
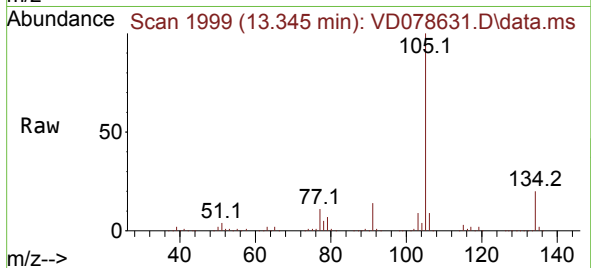




#85
 sec-Butylbenzene
 Concen: 50.003 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

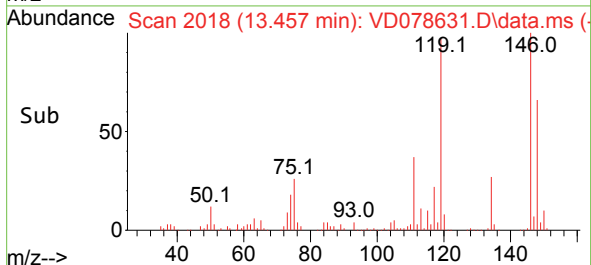
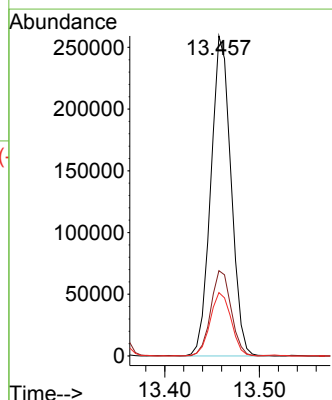
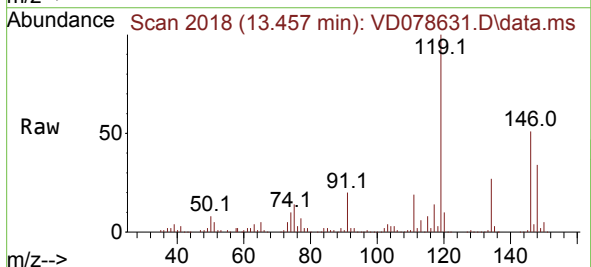
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

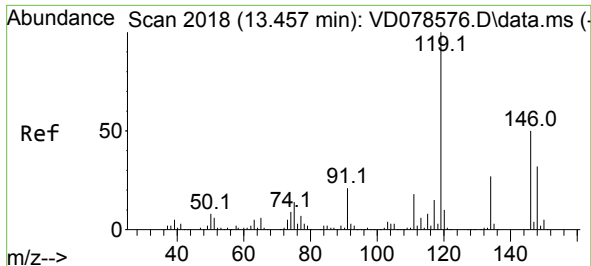
Tgt Ion:105 Resp: 447339
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.999 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

Tgt Ion:119 Resp: 384079
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 20.7 10.5 31.5

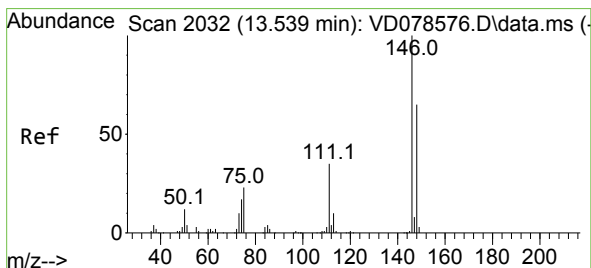
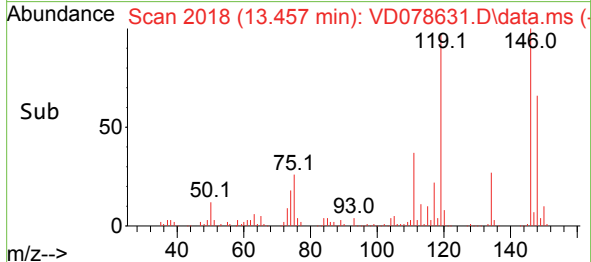
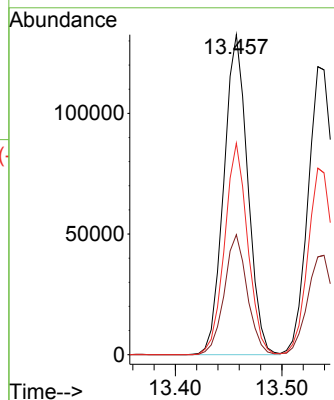
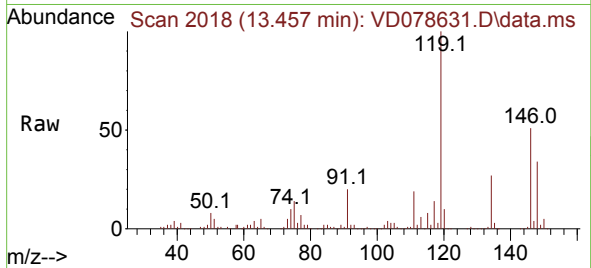




#87
 1,3-Dichlorobenzene
 Concen: 48.843 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

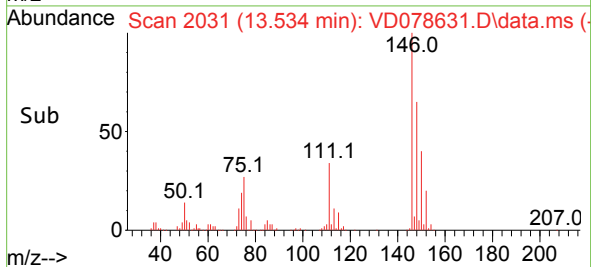
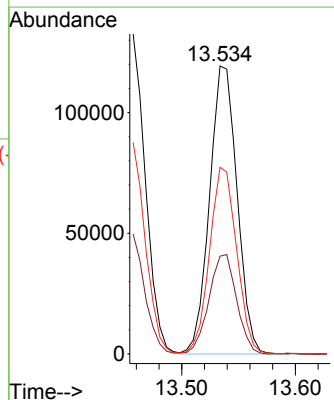
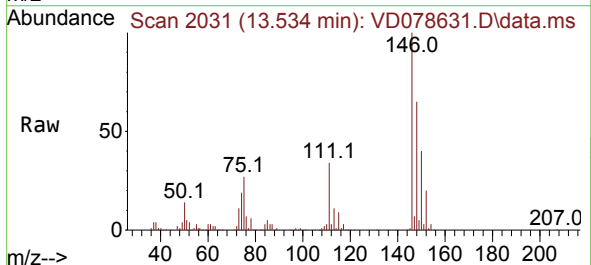
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

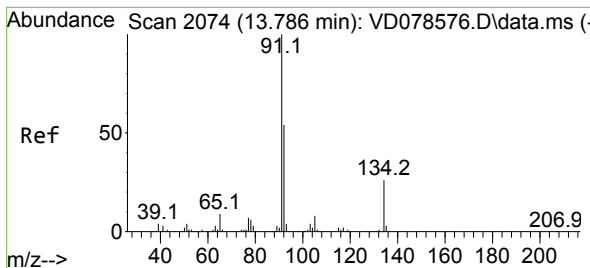
Tgt Ion:146 Resp: 206571
 Ion Ratio Lower Upper
 146 100
 111 36.0 17.9 53.8
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 47.461 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078631.D
 Acq: 11 Mar 2024 17:12

Tgt Ion:146 Resp: 201103
 Ion Ratio Lower Upper
 146 100
 111 34.8 17.4 52.3
 148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 50.225 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

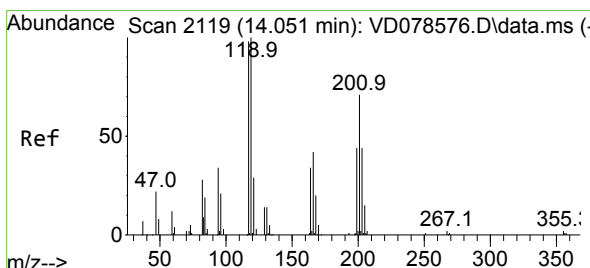
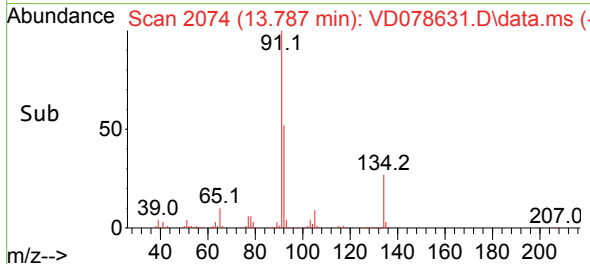
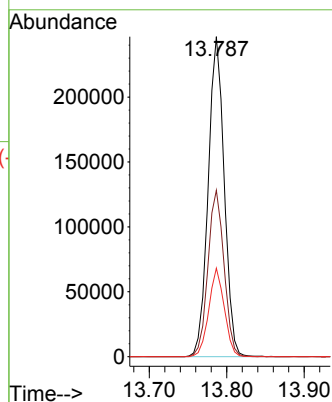
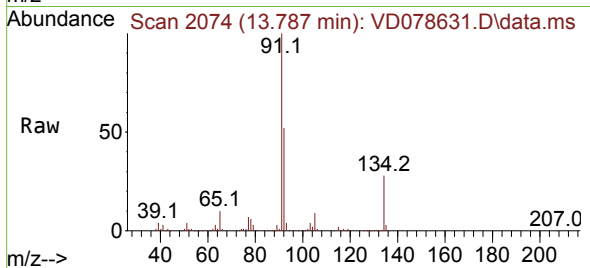
Tgt Ion: 91 Resp: 353483

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 26.8 13.8 41.3



#90

Hexachloroethane

Concen: 48.640 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078631.D

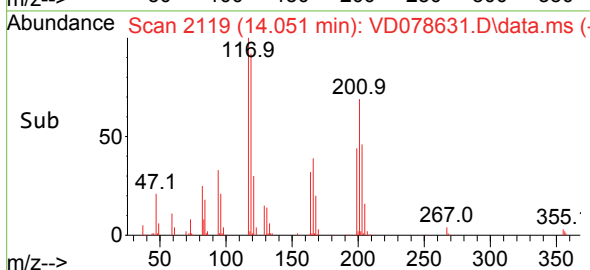
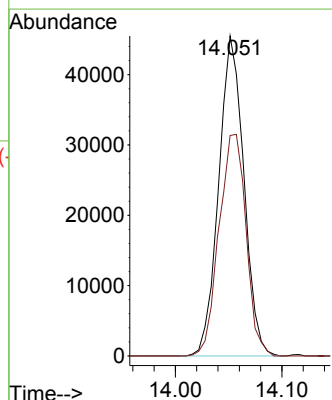
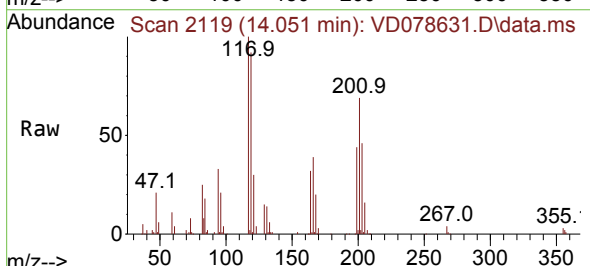
Acq: 11 Mar 2024 17:12

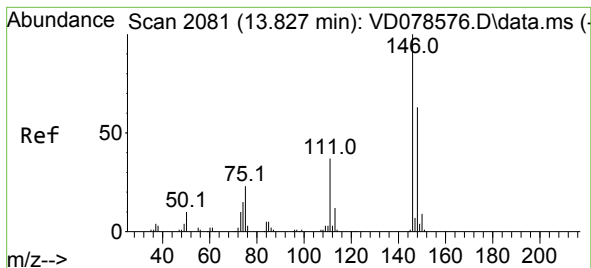
Tgt Ion: 117 Resp: 74483

Ion Ratio Lower Upper

117 100

201 74.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 48.290 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

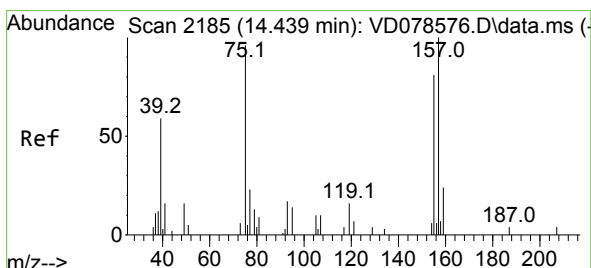
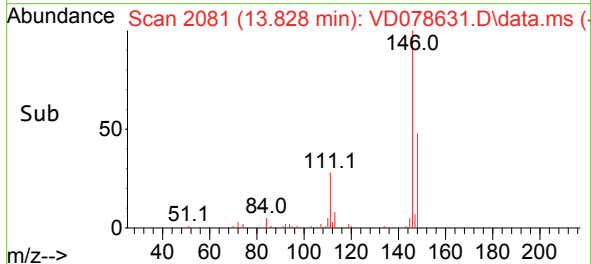
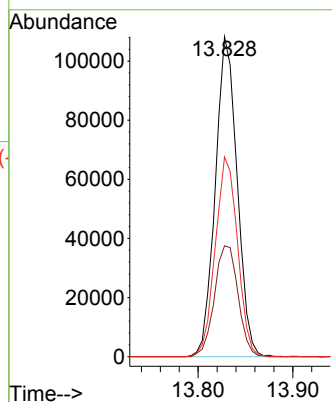
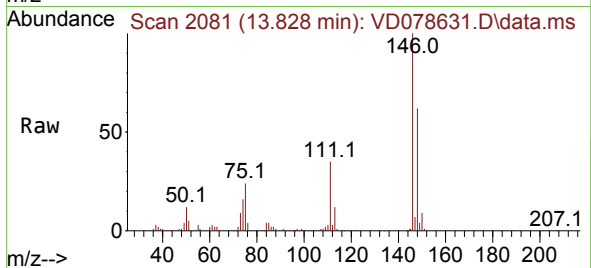
Tgt Ion:146 Resp: 173483

Ion Ratio Lower Upper

146 100

111 37.6 18.3 54.8

148 63.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.983 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

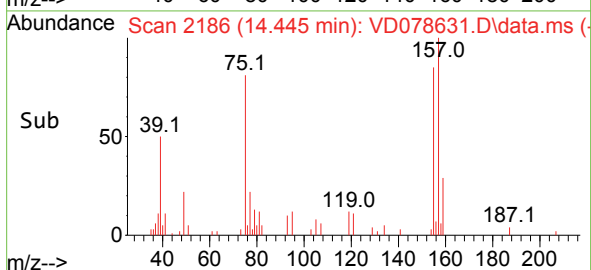
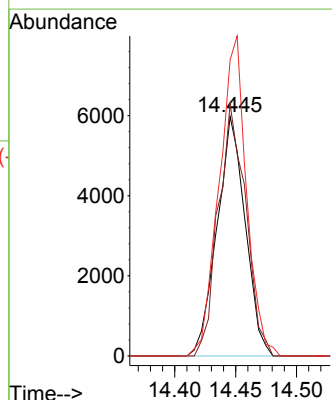
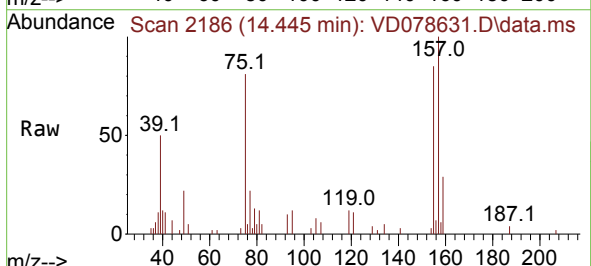
Tgt Ion: 75 Resp: 9610

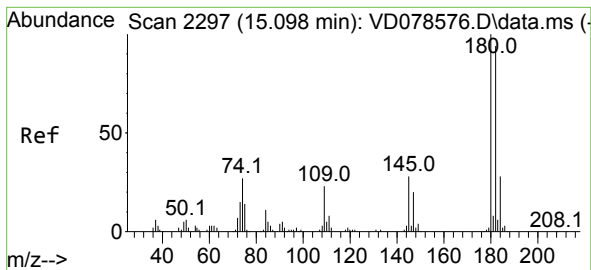
Ion Ratio Lower Upper

75 100

155 103.1 47.9 143.8

157 129.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 50.656 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

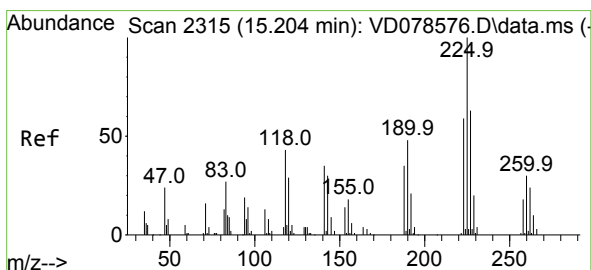
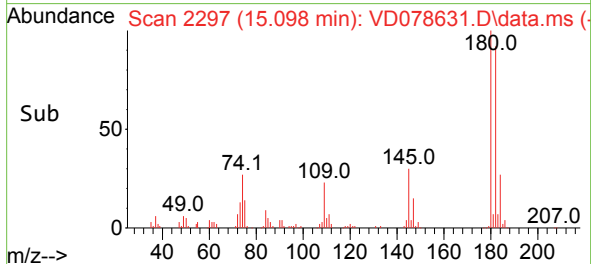
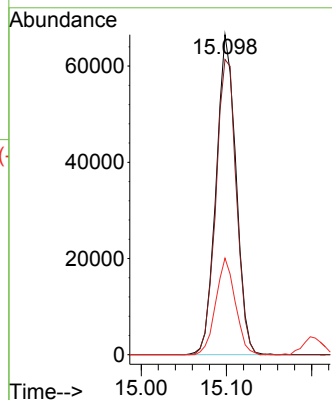
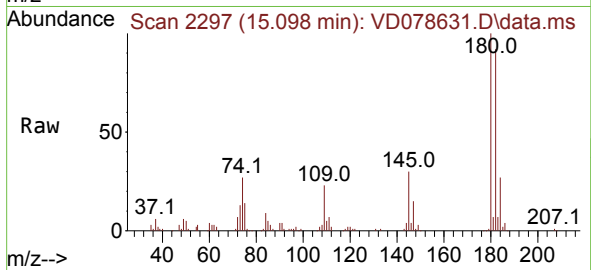
Tgt Ion:180 Resp: 107762

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.847 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

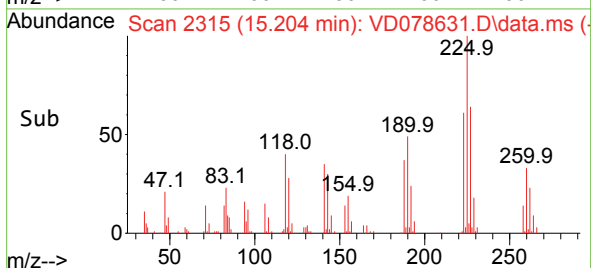
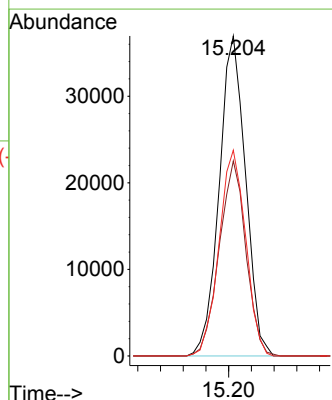
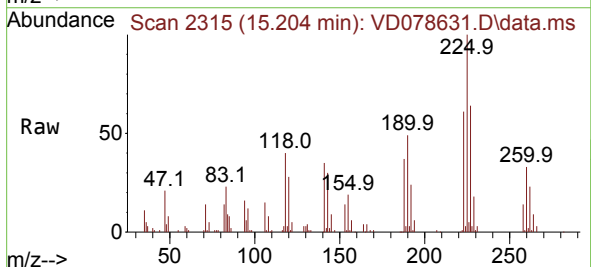
Tgt Ion:225 Resp: 59516

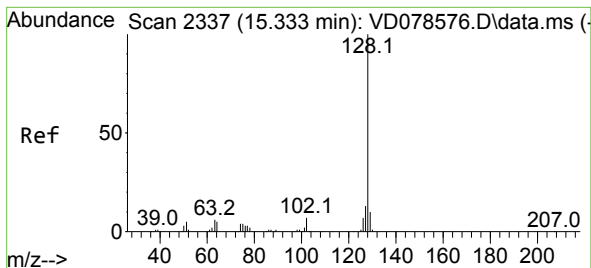
Ion Ratio Lower Upper

225 100

223 61.7 31.6 94.8

227 65.0 31.7 95.1





#95

Naphthalene

Concen: 52.021 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

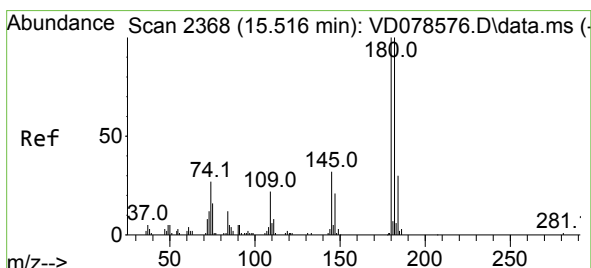
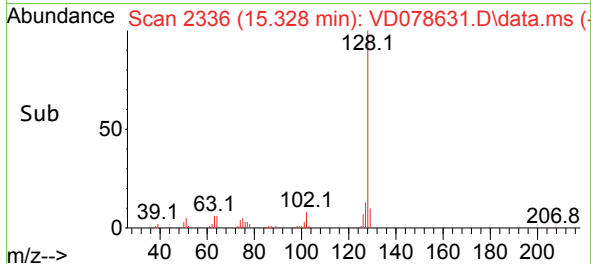
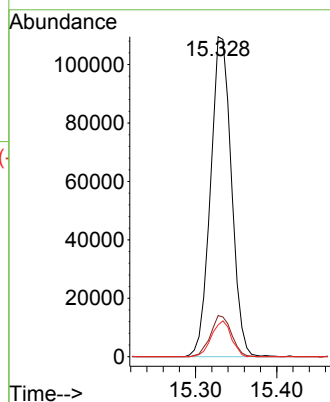
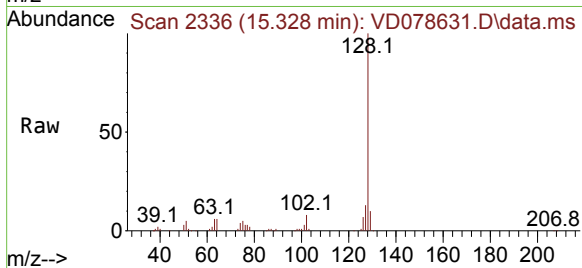
Tgt Ion:128 Resp: 195553

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 9.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.813 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD078631.D

Acq: 11 Mar 2024 17:12

Tgt Ion:180 Resp: 94112

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 31.0 15.1 45.3

