

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078292.D
 Acq On : 31 Jan 2024 14:33
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 01 02:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	107856	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	196048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	182757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67778	50.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.810	113	71796	51.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.269	98	271964	51.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.575	95	83943	53.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	55512	48.928	ug/l	100
3) Chloromethane	2.152	50	107161	47.762	ug/l	96
4) Vinyl Chloride	2.281	62	141700	47.878	ug/l	98
5) Bromomethane	2.693	94	77719	43.377	ug/l	99
6) Chloroethane	2.840	64	99686	48.765	ug/l	100
7) Trichlorofluoromethane	3.175	101	118547	47.311	ug/l	93
8) Diethyl Ether	3.599	74	37708	50.872	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.964	101	73191	47.596	ug/l	93
10) Methyl Iodide	4.164	142	72590	51.894	ug/l	# 90
11) Tert butyl alcohol	5.046	59	10891	127.879	ug/l	# 82
12) 1,1-Dichloroethene	3.946	96	70973	47.832	ug/l	# 79
13) Acrolein	3.793	56	24400	242.329	ug/l	96
14) Allyl chloride	4.558	41	96931	49.548	ug/l	# 88
15) Acrylonitrile	5.258	53	87390	266.730	ug/l	99
16) Acetone	4.028	43	79726	255.025	ug/l	87
17) Carbon Disulfide	4.275	76	241070	48.126	ug/l	100
18) Methyl Acetate	4.564	43	42516	59.742	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	167196	54.182	ug/l	99
20) Methylene Chloride	4.805	84	88986	55.316	ug/l	# 89
21) trans-1,2-Dichloroethene	5.322	96	85582	51.012	ug/l	94
22) Diisopropyl ether	6.222	45	225891	54.266	ug/l	93
23) Vinyl Acetate	6.158	43	678057	266.989	ug/l	# 92
24) 1,1-Dichloroethane	6.111	63	147228	51.090	ug/l	97
25) 2-Butanone	7.087	43	113002	253.989	ug/l	# 84
26) 2,2-Dichloropropane	7.075	77	119321	50.689	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	96493	51.895	ug/l	93
28) Bromochloromethane	7.428	49	55262	53.766	ug/l	# 76
29) Tetrahydrofuran	7.446	42	63928	268.592	ug/l	86
30) Chloroform	7.599	83	151828	51.529	ug/l	97
31) Cyclohexane	7.875	56	120126	48.039	ug/l	88
32) 1,1,1-Trichloroethane	7.799	97	125914	49.586	ug/l	98
36) 1,1-Dichloropropene	8.010	75	117100	50.595	ug/l	96
37) Ethyl Acetate	7.175	43	48515	54.463	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	114253	50.205	ug/l	93
39) Methylcyclohexane	9.275	83	134800	49.261	ug/l	89
40) Benzene	8.252	78	344914	51.075	ug/l	96

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 MSVOA_D
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 01 02:59:58 2024
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	24497	51.152	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	88891	50.751	ug/l	95
43) Isopropyl Acetate	8.363	43	86921	54.422	ug/l #	89
44) Trichloroethene	9.028	130	83586	50.406	ug/l	86
45) 1,2-Dichloropropane	9.304	63	86766	52.549	ug/l	99
46) Dibromomethane	9.393	93	47679	52.045	ug/l #	87
47) Bromodichloromethane	9.587	83	117143	51.973	ug/l	98
48) Methyl methacrylate	9.381	41	42306	55.432	ug/l #	78
49) 1,4-Dioxane	9.393	88	10702	1041.398	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	233489	270.238	ug/l	90
52) Toluene	10.334	92	212539	51.887	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	109618	52.068	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	132122	53.010	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	64931	54.314	ug/l	96
56) Ethyl methacrylate	10.599	69	76091	56.115	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	109022	52.889	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	156246	253.380	ug/l	96
59) 2-Hexanone	10.922	43	175458	269.639	ug/l	88
60) Dibromochloromethane	11.075	129	74502	53.685	ug/l	96
61) 1,2-Dibromoethane	11.181	107	59109	52.369	ug/l	99
64) Tetrachloroethene	10.810	164	62934	49.373	ug/l #	90
65) Chlorobenzene	11.610	112	219125	50.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	80788	51.896	ug/l	96
67) Ethyl Benzene	11.687	91	408482	51.576	ug/l	97
68) m/p-Xylenes	11.793	106	318192	104.427	ug/l	89
69) o-Xylene	12.122	106	152831	54.578	ug/l	94
70) Styrene	12.134	104	261066	54.592	ug/l	97
71) Bromoform	12.298	173	41761	54.468	ug/l #	97
73) Isopropylbenzene	12.422	105	385108	50.273	ug/l	95
74) N-amyl acetate	12.234	43	82231	51.903	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	75084	50.755	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	89043	94.096	ug/l #	100
77) Bromobenzene	12.704	156	81138	48.132	ug/l	80
78) n-propylbenzene	12.763	91	485109	50.837	ug/l	94
79) 2-Chlorotoluene	12.851	91	258983	50.699	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	318068	51.039	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	24130	50.713	ug/l	94
82) 4-Chlorotoluene	12.945	91	275428	50.576	ug/l	93
83) tert-Butylbenzene	13.169	119	267582	50.321	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	324376	51.447	ug/l	96
85) sec-Butylbenzene	13.345	105	419707	50.291	ug/l	94
86) p-Isopropyltoluene	13.457	119	349620	51.148	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	177611	50.715	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	178394	51.485	ug/l	97
89) n-Butylbenzene	13.787	91	336292	50.488	ug/l	97
90) Hexachloroethane	14.051	117	67186	49.210	ug/l	80
91) 1,2-Dichlorobenzene	13.828	146	152544	50.915	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10224	49.302	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	90476	52.208	ug/l	96
94) Hexachlorobutadiene	15.204	225	43458	51.176	ug/l	97
95) Naphthalene	15.334	128	188597	54.582	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	79041	51.800	ug/l	99

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ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 01 02:59:58 2024
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Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

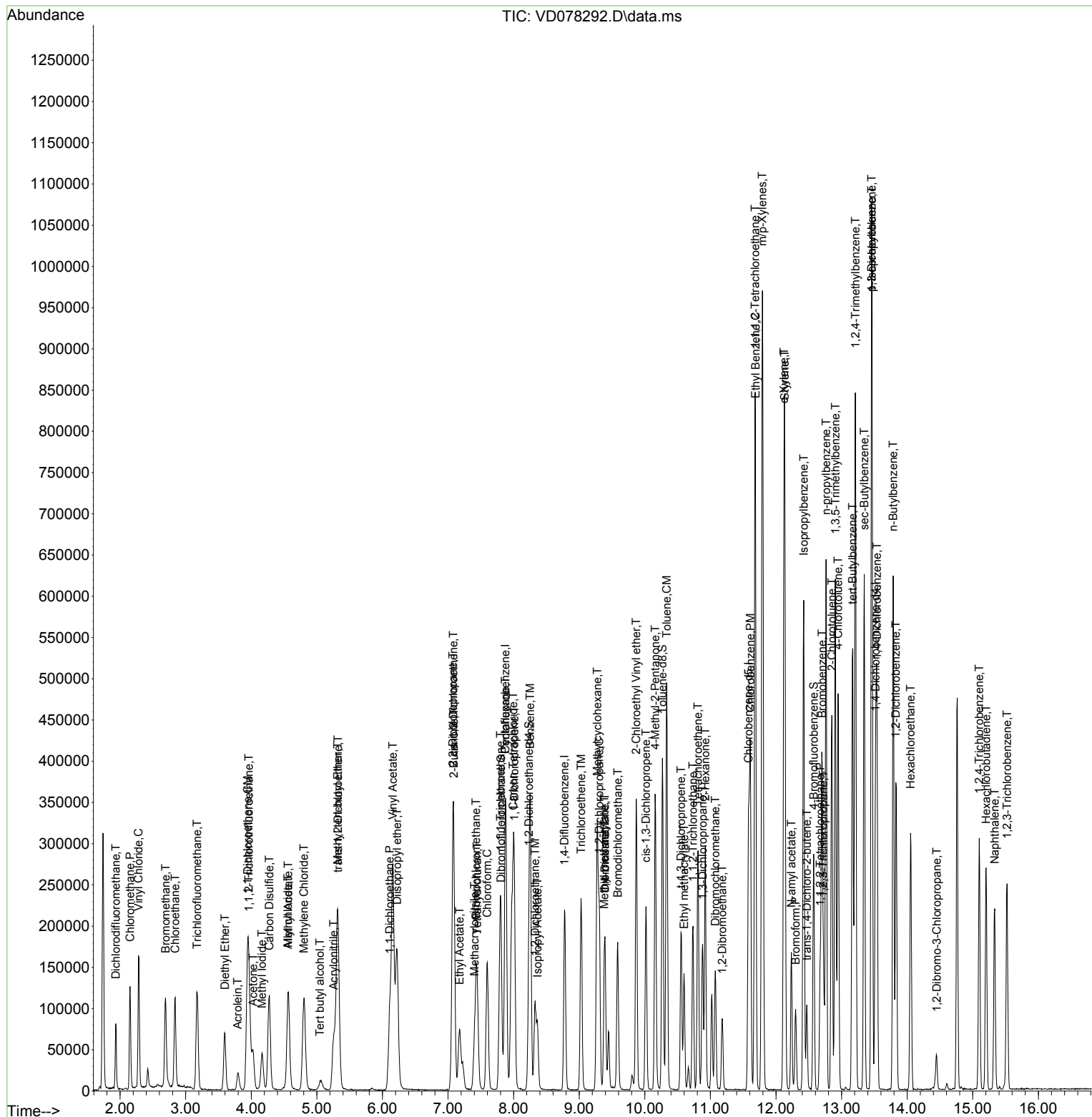
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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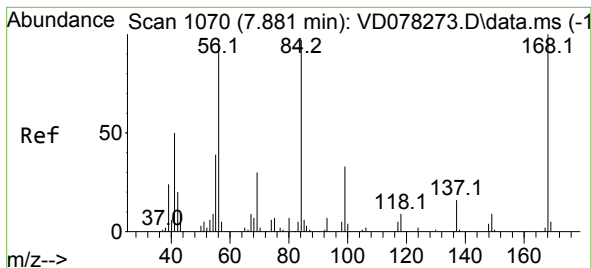
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VSTDCCC050
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

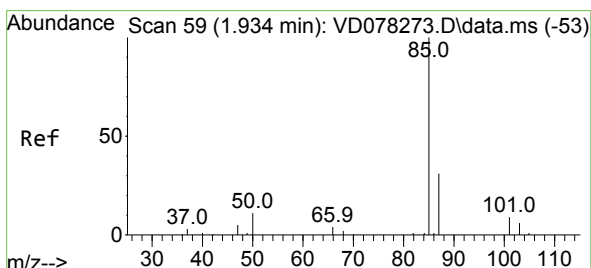
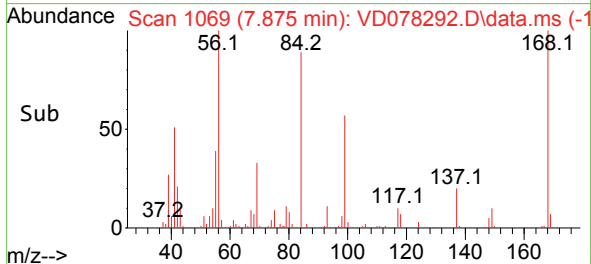
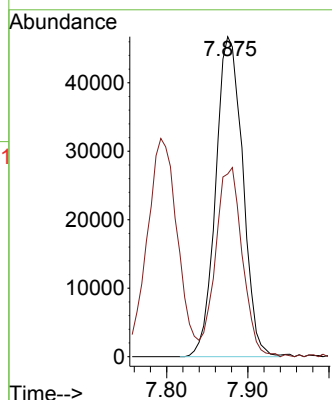
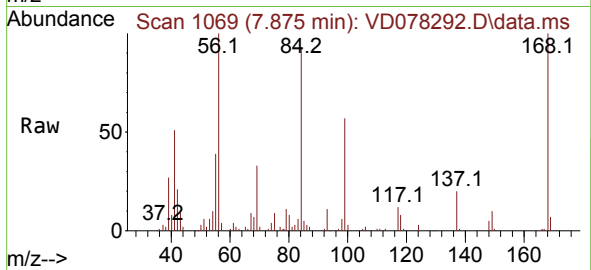
VSTDCCC050EC

Tgt Ion:168 Resp: 107856

Ion Ratio Lower Upper

168 100

99 57.1 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 48.928 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078292.D

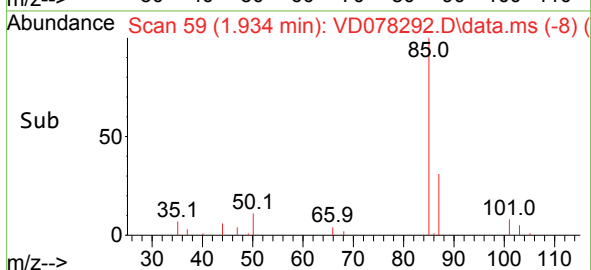
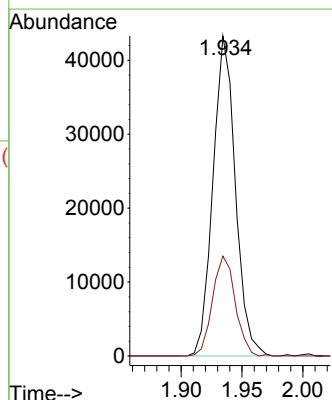
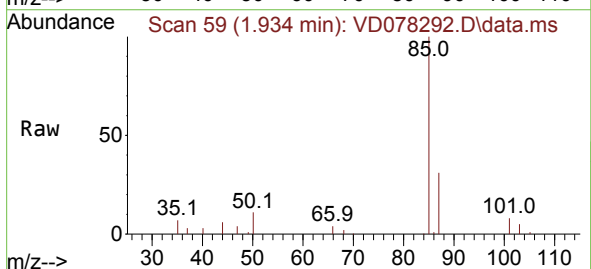
Acq: 31 Jan 2024 14:33

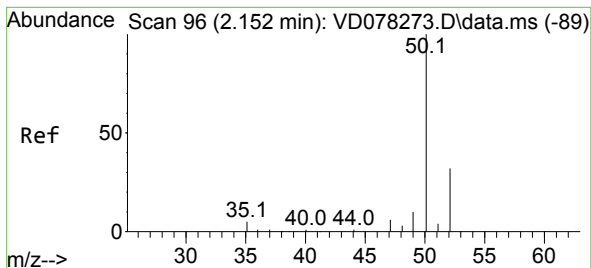
Tgt Ion: 85 Resp: 55512

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.0





#3

Chloromethane

Concen: 47.762 ug/l

RT: 2.152 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

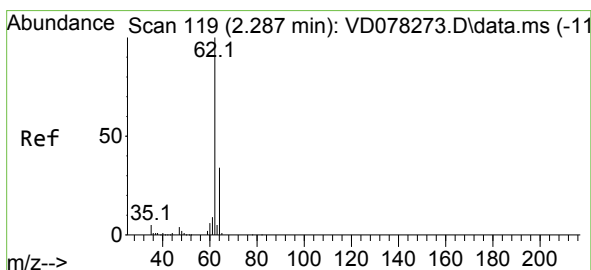
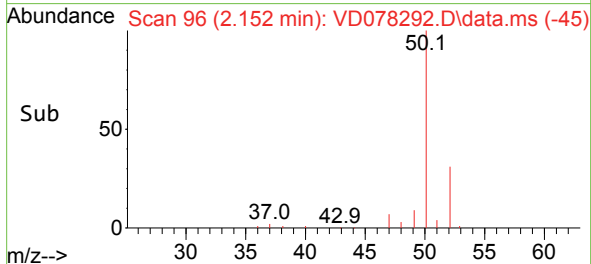
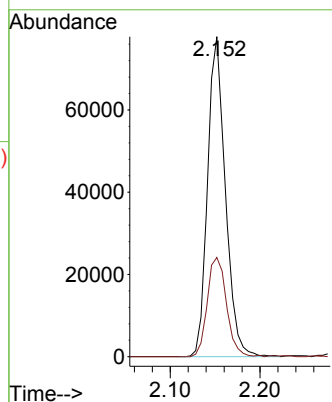
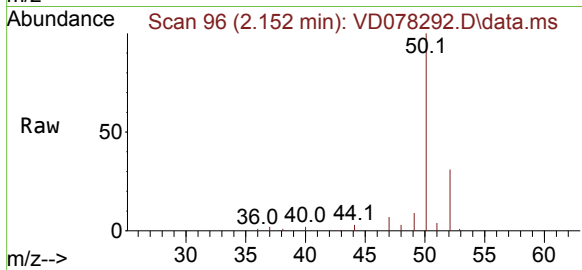
VSTDCCC050EC

Tgt Ion: 50 Resp: 107161

Ion Ratio Lower Upper

50 100

52 31.0 26.6 40.0



#4

Vinyl Chloride

Concen: 47.878 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD078292.D

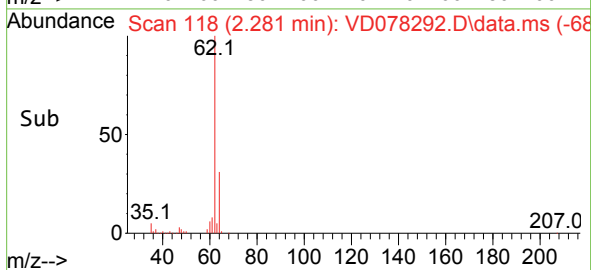
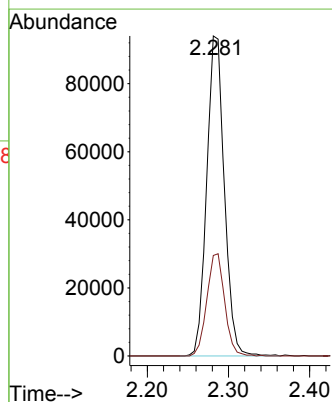
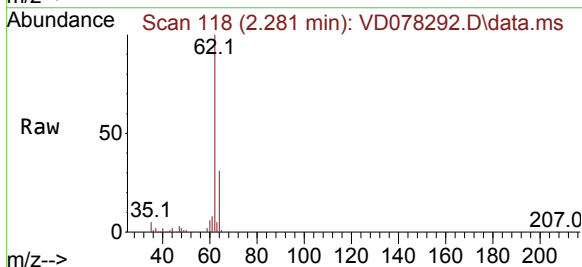
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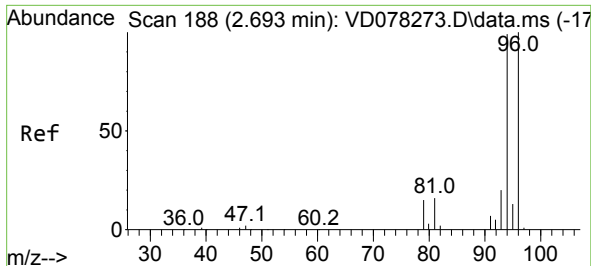
Tgt Ion: 62 Resp: 141700

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0

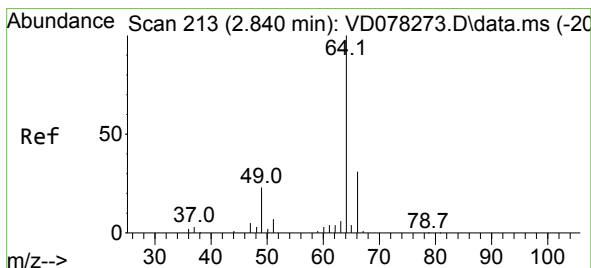
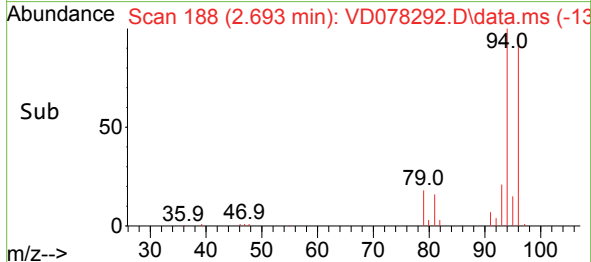
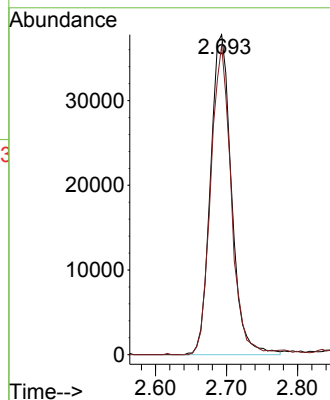
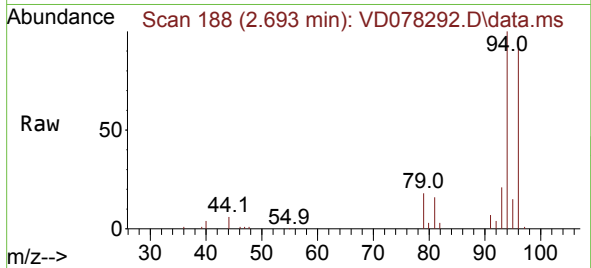




#5
Bromomethane
Concen: 43.377 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

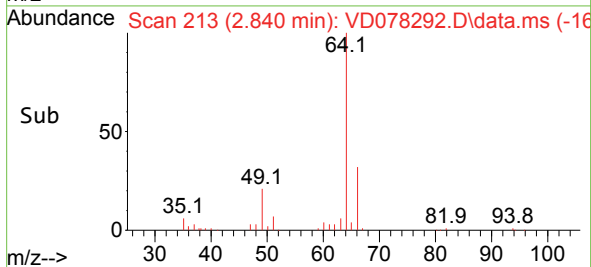
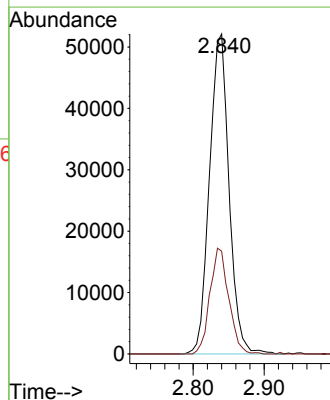
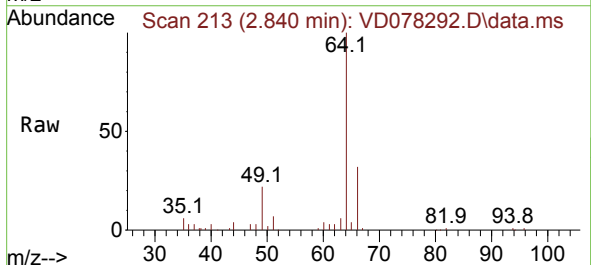
Instrument :
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VSTDCCC050EC

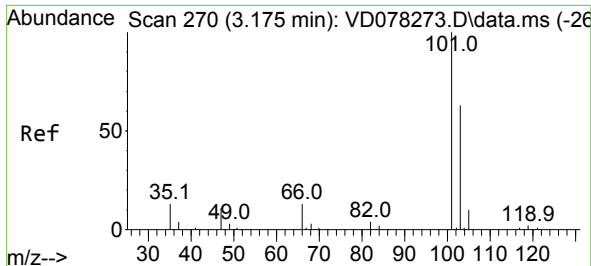
Tgt Ion: 94 Resp: 77719
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#6
Chloroethane
Concen: 48.765 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 64 Resp: 99686
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3

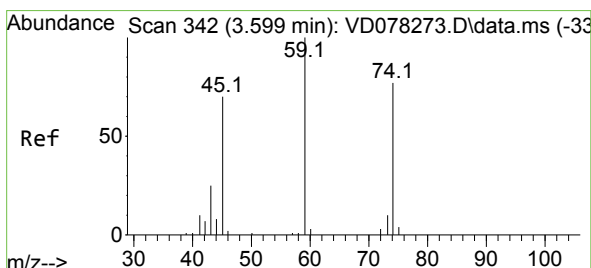
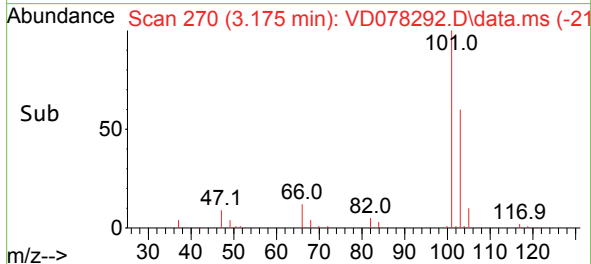
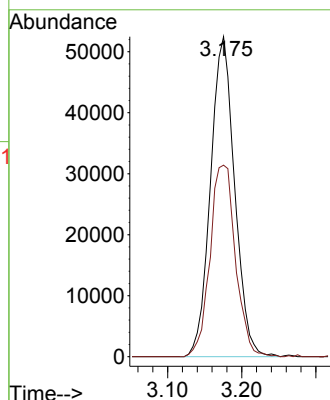
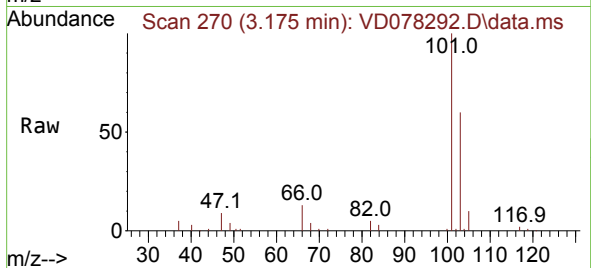




#7
 Trichlorofluoromethane
 Concen: 47.311 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078292.D
 Acq: 31 Jan 2024 14:33

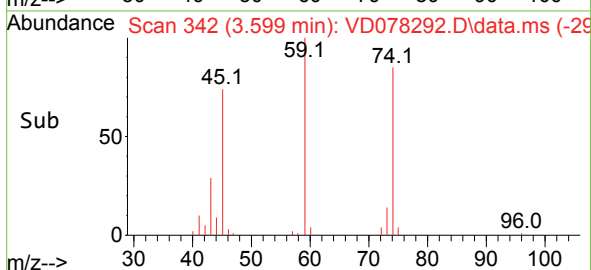
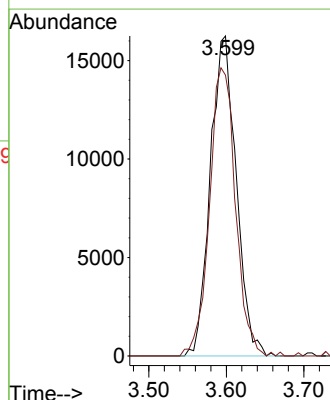
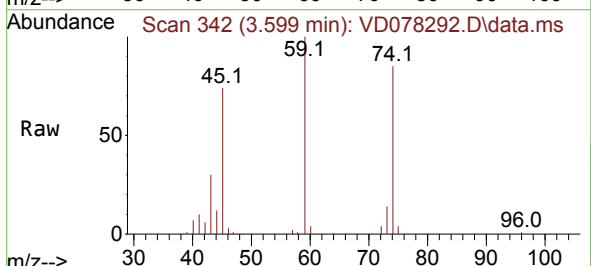
Instrument :
 MSVOA_D
 ClientSampleId :
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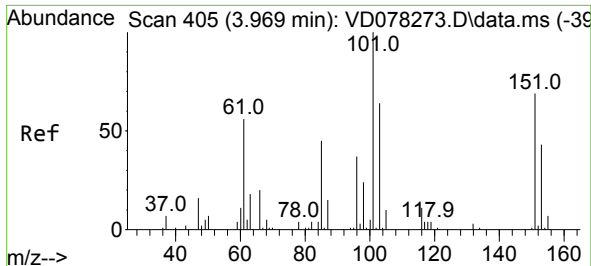
Tgt Ion:101 Resp: 118547
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 50.872 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078292.D
 Acq: 31 Jan 2024 14:33

Tgt Ion: 74 Resp: 37708
 Ion Ratio Lower Upper
 74 100
 45 90.1 37.5 112.7

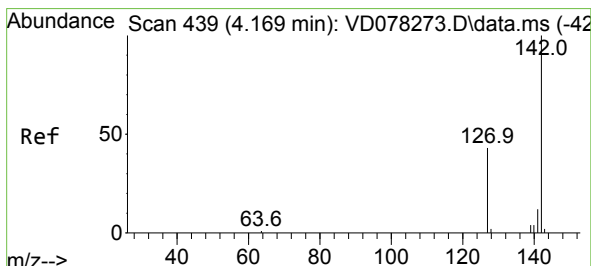
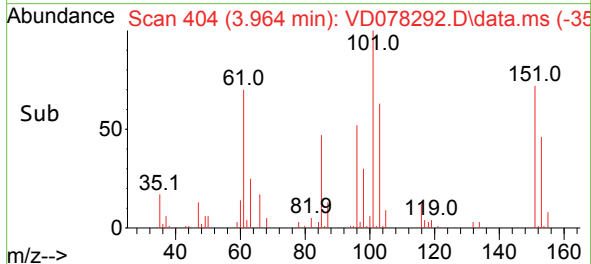
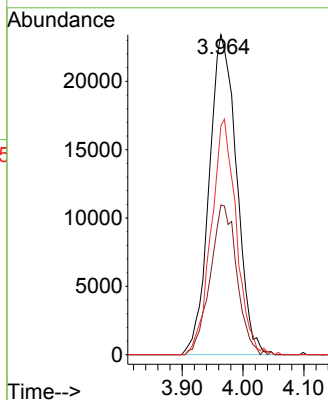
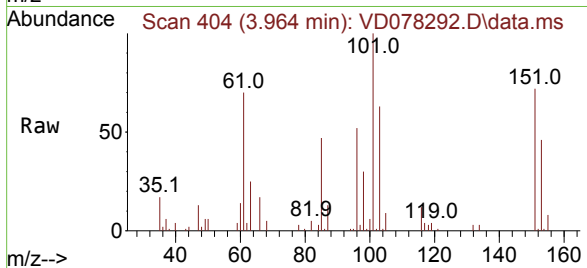




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.596 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

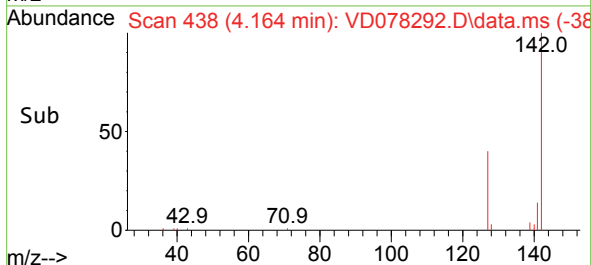
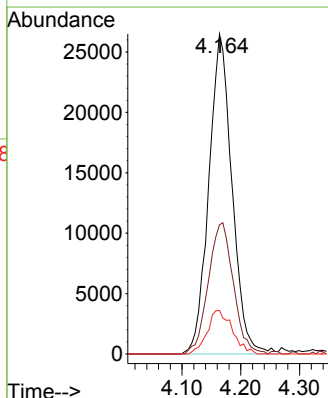
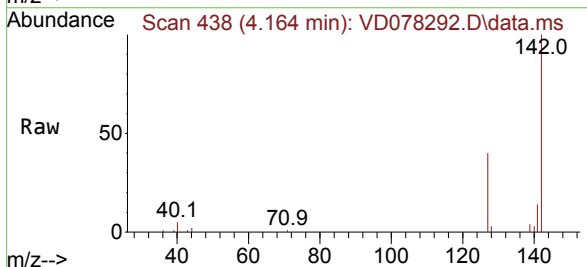
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

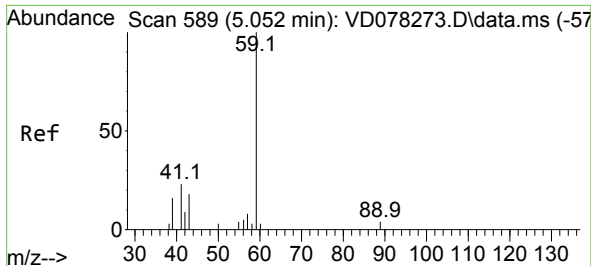
Tgt Ion:101 Resp: 73191
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 67.4 59.8 89.6



#10
Methyl Iodide
Concen: 51.894 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion:142 Resp: 72590
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 14.7 11.1 16.7

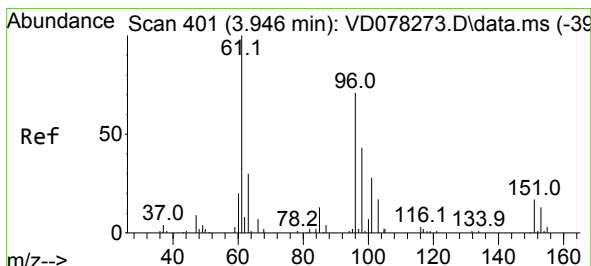
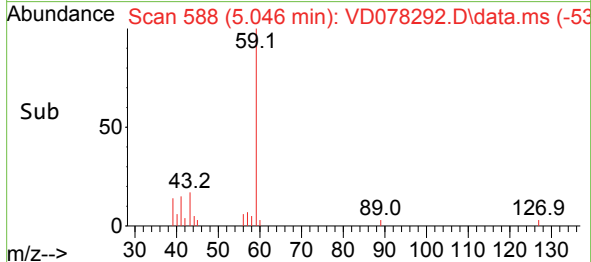
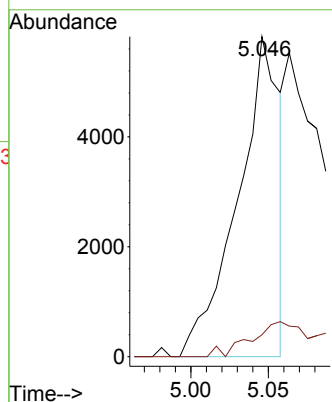
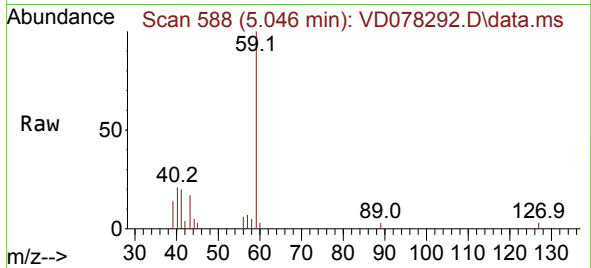




#11
Tert butyl alcohol
Concen: 127.879 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

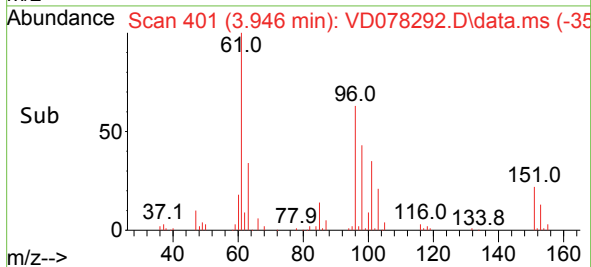
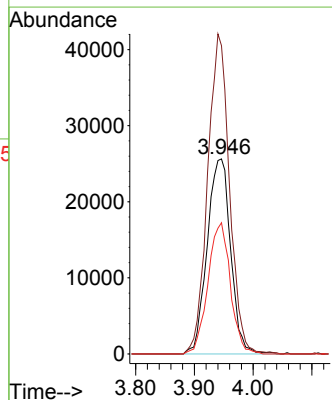
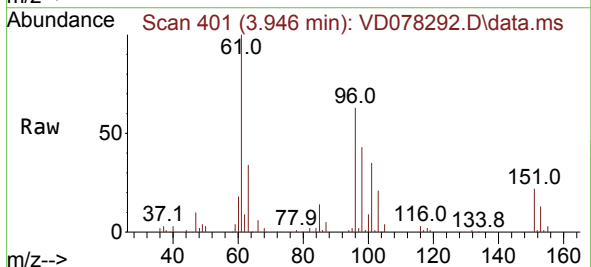
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

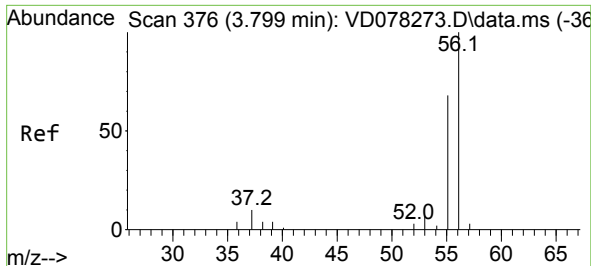
Tgt Ion: 59 Resp: 10891
Ion Ratio Lower Upper
59 100
57 16.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 47.832 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 96 Resp: 70973
Ion Ratio Lower Upper
96 100
61 158.1 100.6 150.8#
98 67.3 50.2 75.2





#13

Acrolein

Concen: 242.329 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

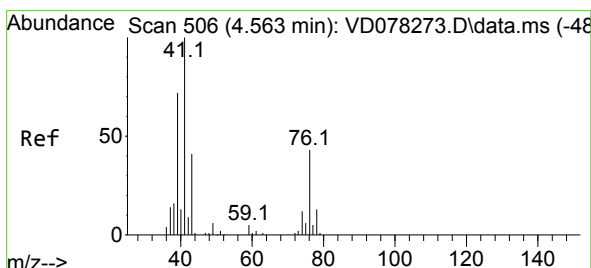
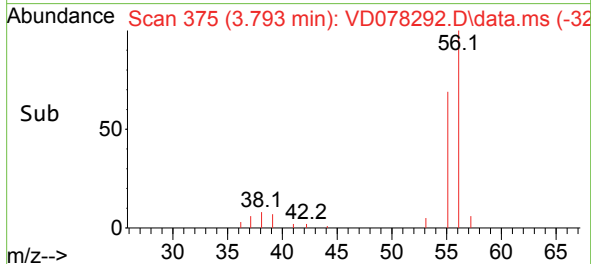
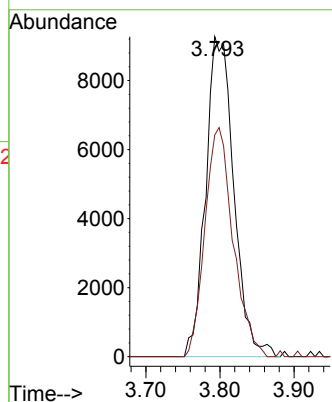
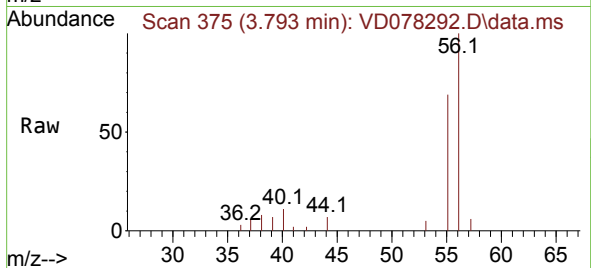
VSTDCCC050EC

Tgt Ion: 56 Resp: 24400

Ion Ratio Lower Upper

56 100

55 72.0 55.1 82.7



#14

Allyl chloride

Concen: 49.548 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

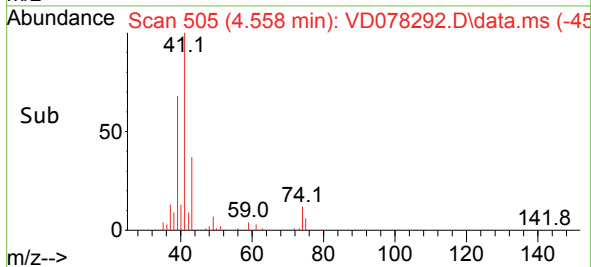
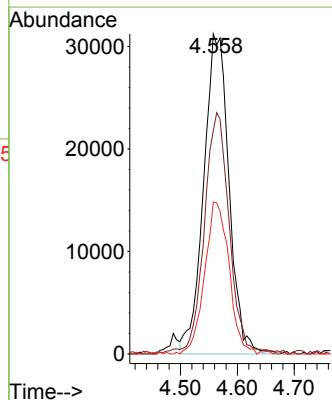
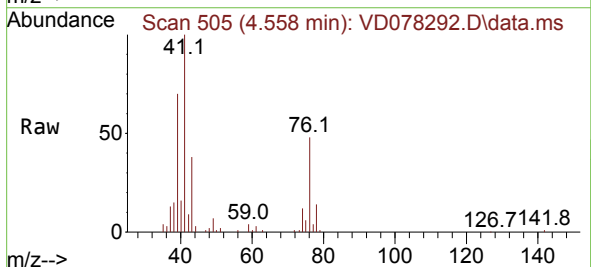
Tgt Ion: 41 Resp: 96931

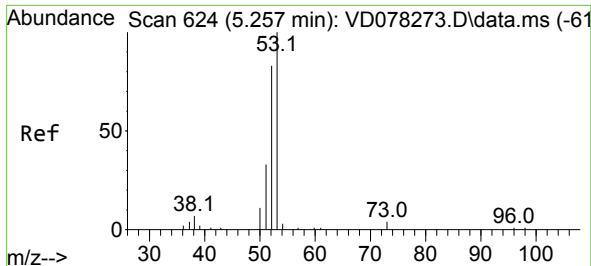
Ion Ratio Lower Upper

41 100

39 74.4 53.8 80.6

76 45.5 45.8 68.8#

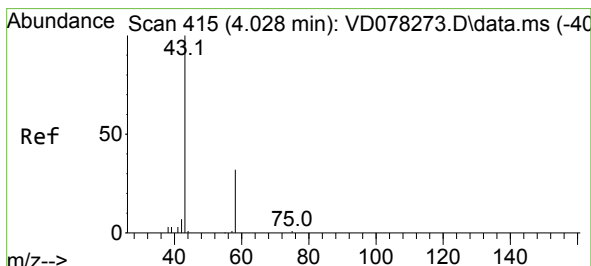
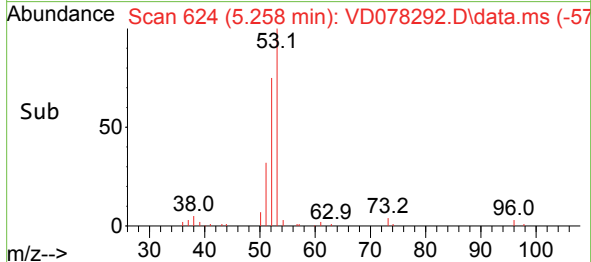
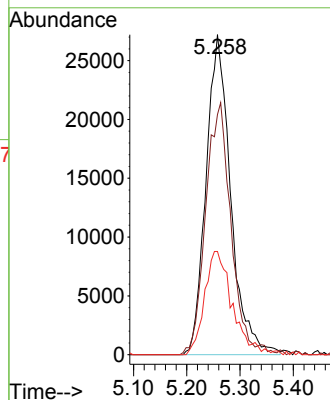
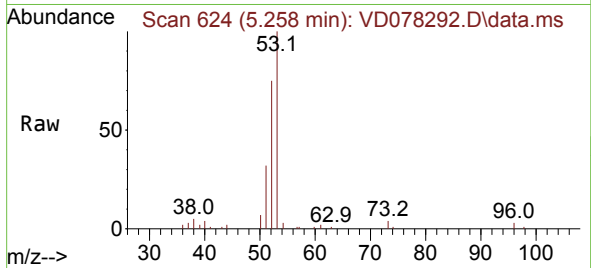




#15
Acrylonitrile
Concen: 266.730 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

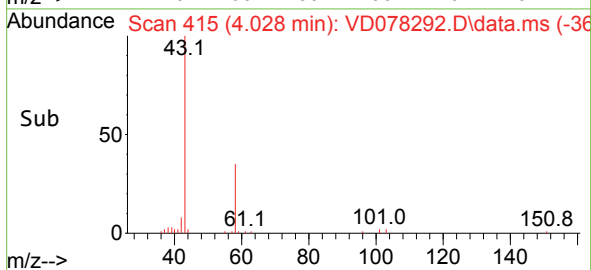
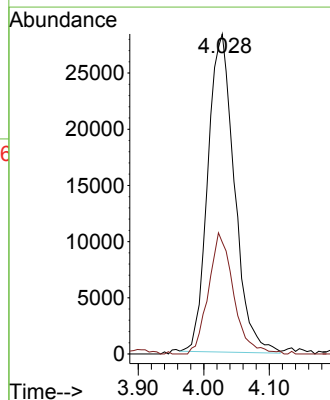
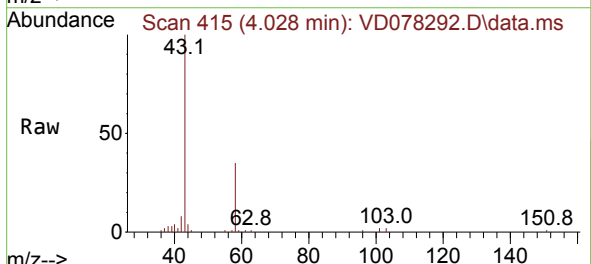
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

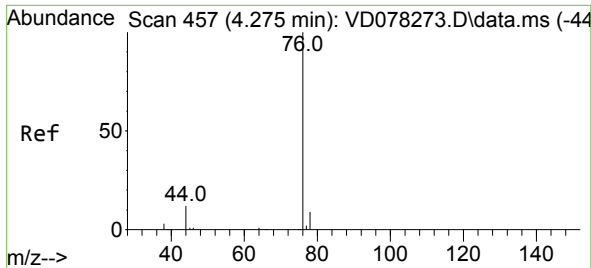
Tgt Ion: 53 Resp: 87390
Ion Ratio Lower Upper
53 100
52 79.8 65.0 97.4
51 36.1 28.3 42.5



#16
Acetone
Concen: 255.025 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 43 Resp: 79726
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1

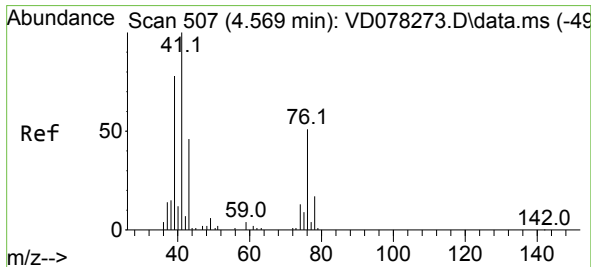
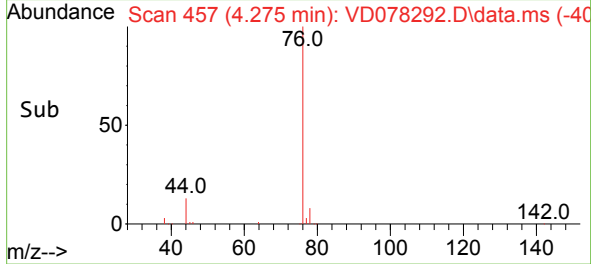
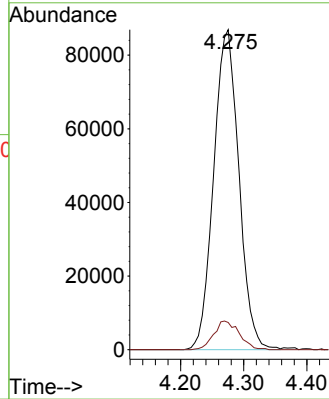
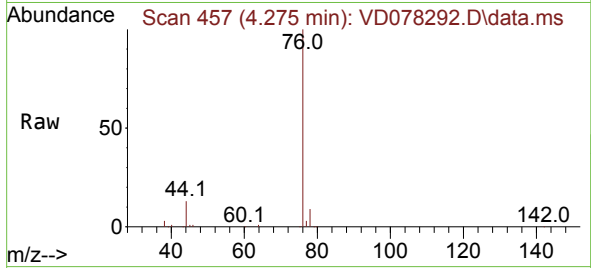




#17
Carbon Disulfide
Concen: 48.126 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

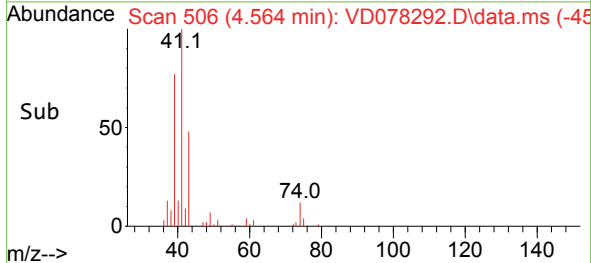
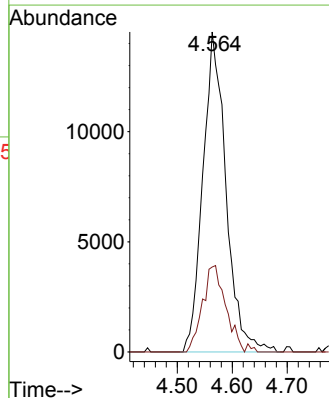
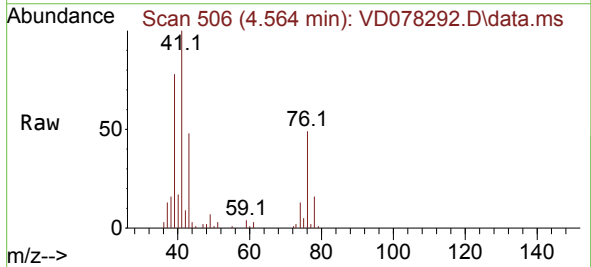
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

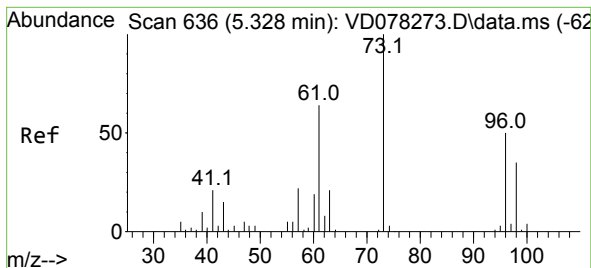
Tgt Ion: 76 Resp: 241070
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 59.742 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 43 Resp: 42516
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 54.182 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

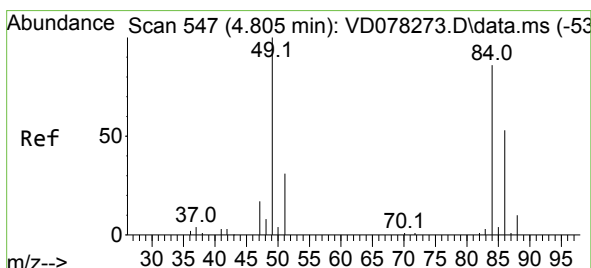
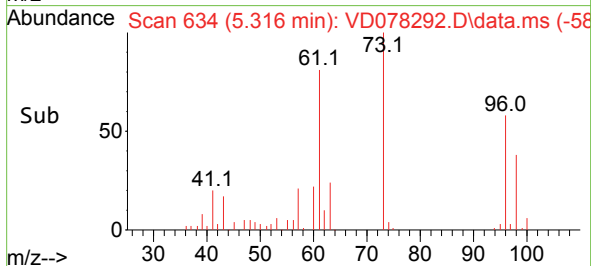
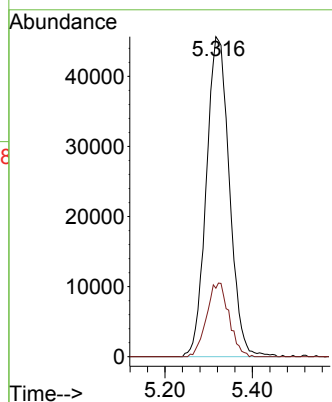
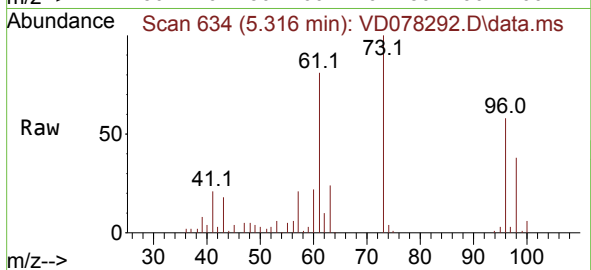
VSTDCCC050EC

Tgt Ion: 73 Resp: 167196

Ion Ratio Lower Upper

73 100

57 21.4 16.6 25.0



#20

Methylene Chloride

Concen: 55.316 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Tgt Ion: 84 Resp: 88986

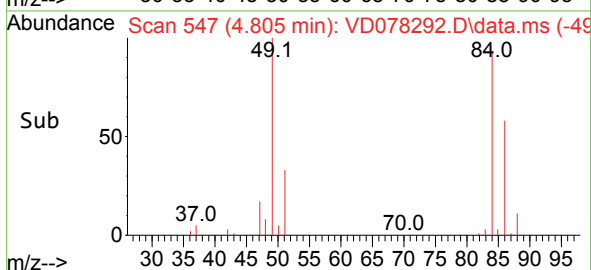
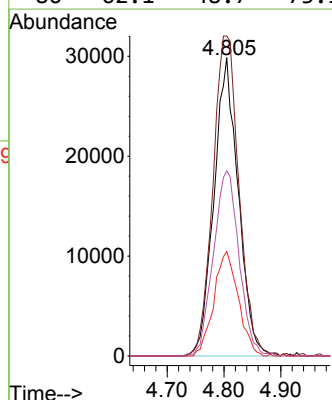
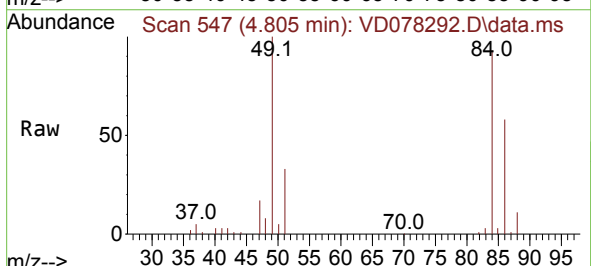
Ion Ratio Lower Upper

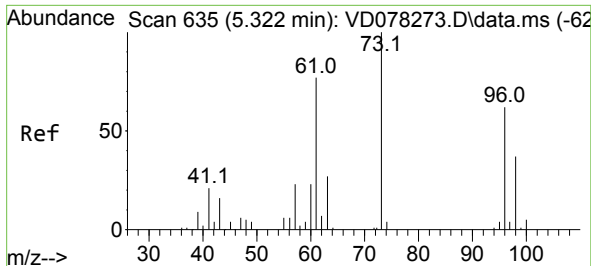
84 100

49 107.3 71.4 107.2#

51 35.0 24.5 36.7

86 62.1 48.7 73.1

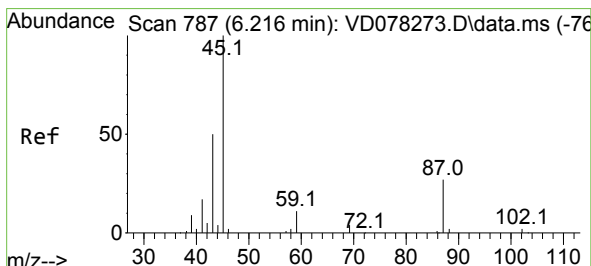
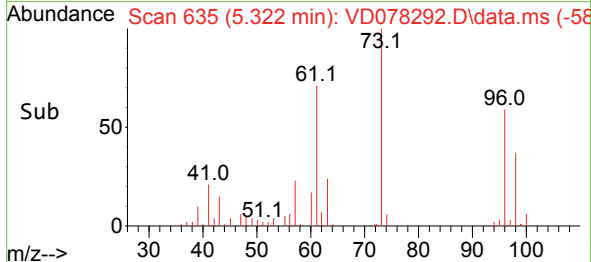
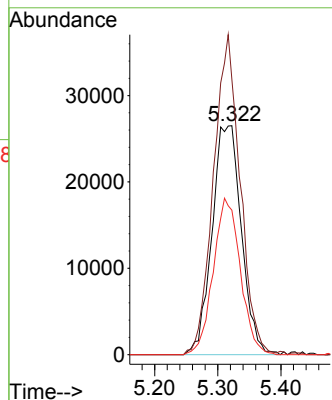
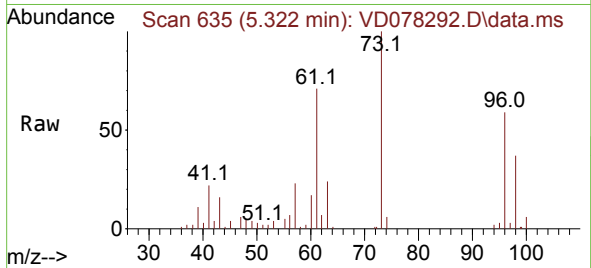




#21
trans-1,2-Dichloroethene
Concen: 51.012 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

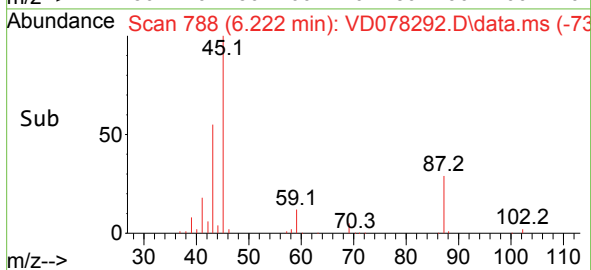
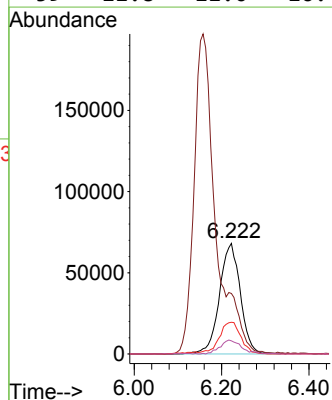
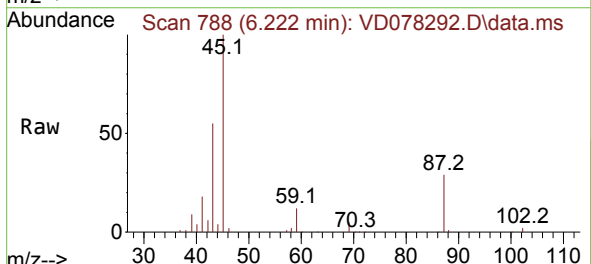
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

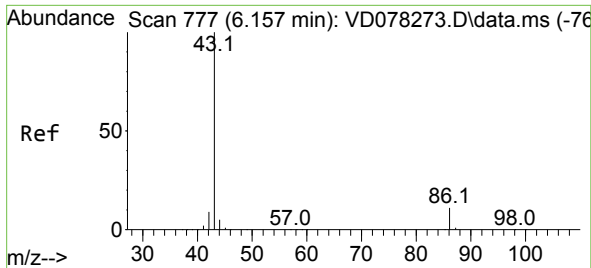
Tgt Ion: 96 Resp: 85582
Ion Ratio Lower Upper
96 100
61 120.2 89.3 133.9
98 63.1 48.6 73.0



#22
Diisopropyl ether
Concen: 54.266 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 45 Resp: 225891
Ion Ratio Lower Upper
45 100
43 53.6 40.0 60.0
87 28.7 28.2 42.4
59 11.8 11.0 16.4

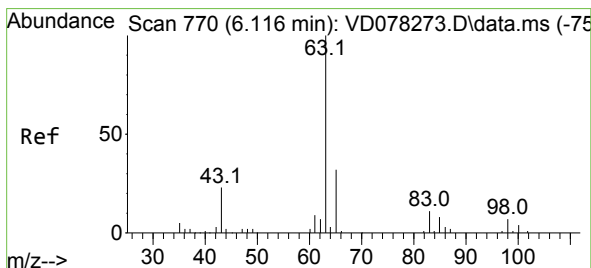
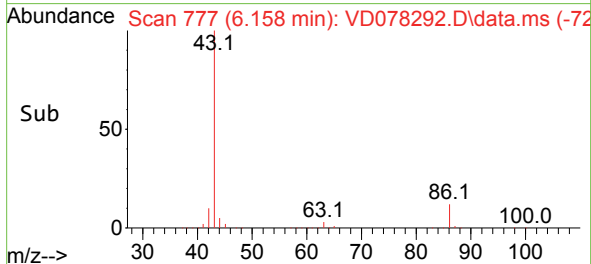
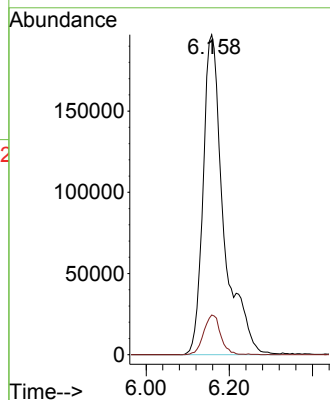
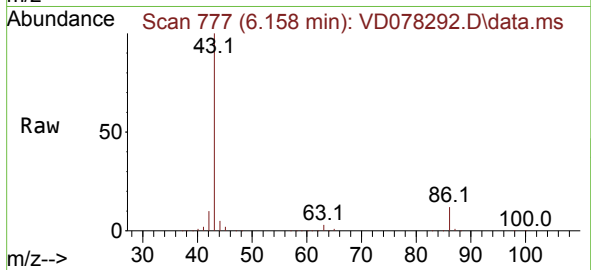




#23
 Vinyl Acetate
 Concen: 266.989 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078292.D
 Acq: 31 Jan 2024 14:33

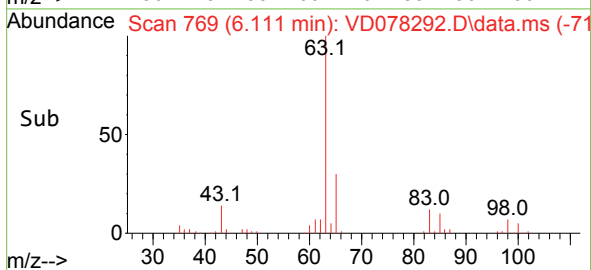
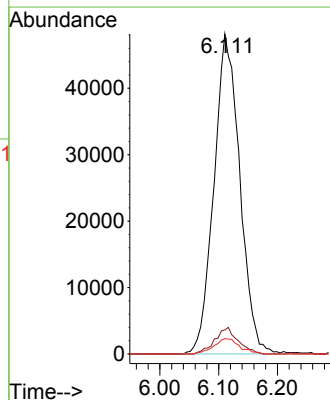
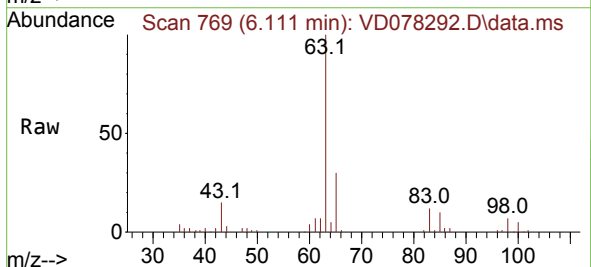
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

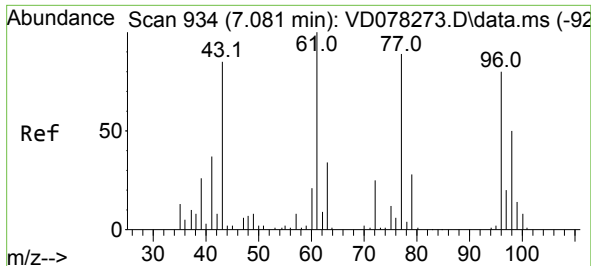
Tgt Ion: 43 Resp: 678057
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 51.090 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078292.D
 Acq: 31 Jan 2024 14:33

Tgt Ion: 63 Resp: 147228
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 253.989 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

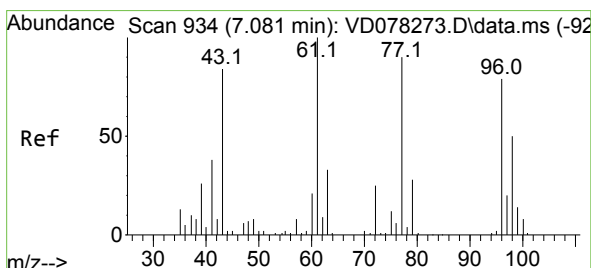
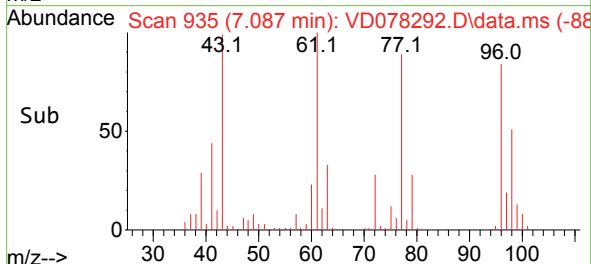
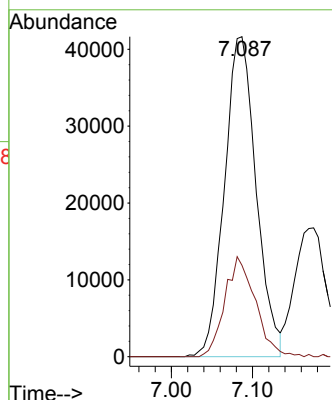
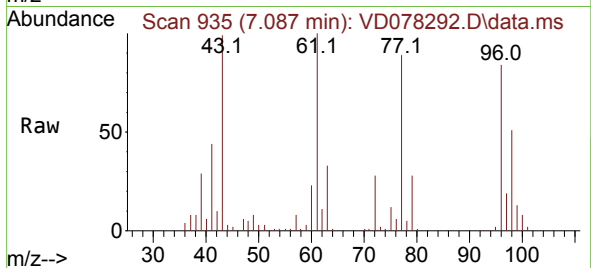
VSTDCCC050EC

Tgt Ion: 43 Resp: 113002

Ion Ratio Lower Upper

43 100

72 28.5 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 50.689 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078292.D

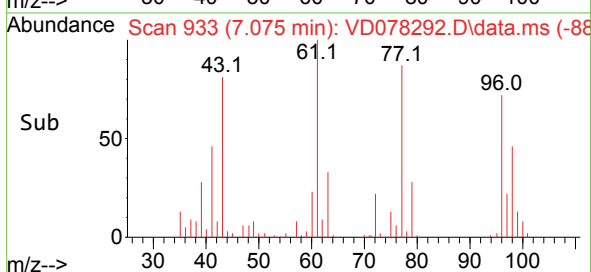
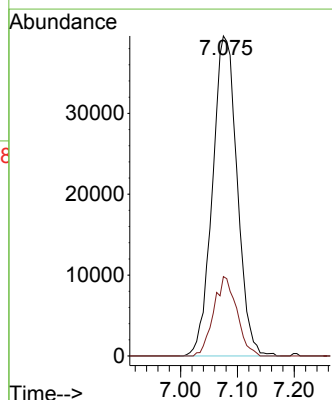
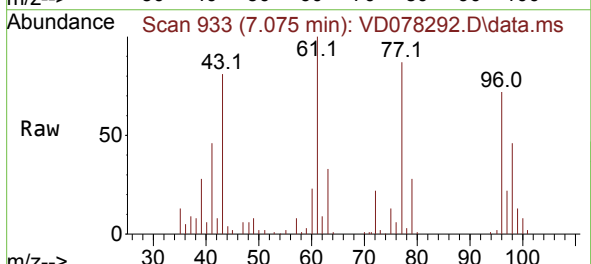
Acq: 31 Jan 2024 14:33

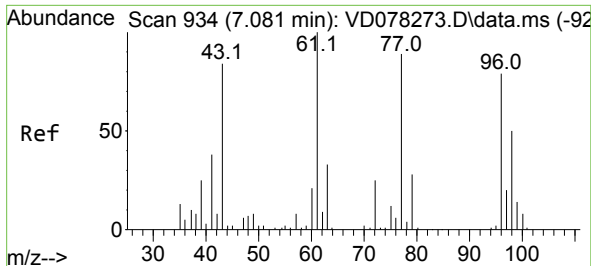
Tgt Ion: 77 Resp: 119321

Ion Ratio Lower Upper

77 100

97 23.3 13.2 39.6



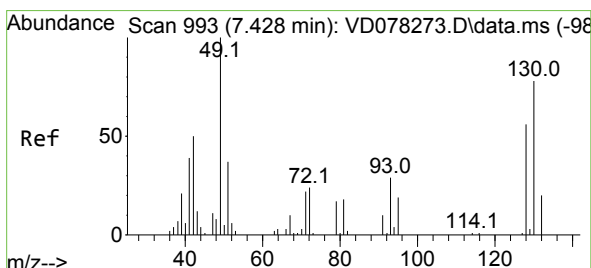
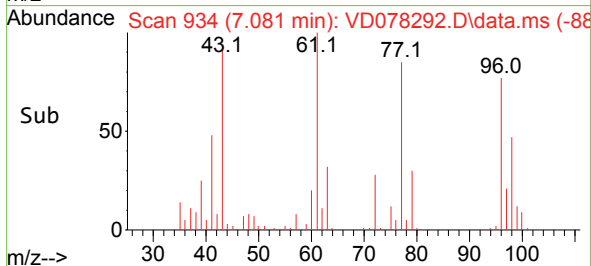
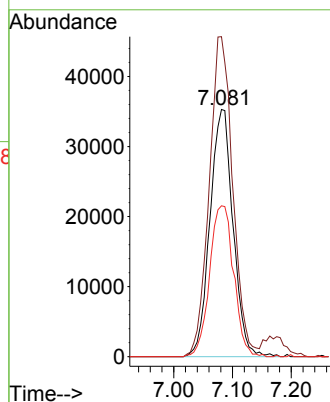
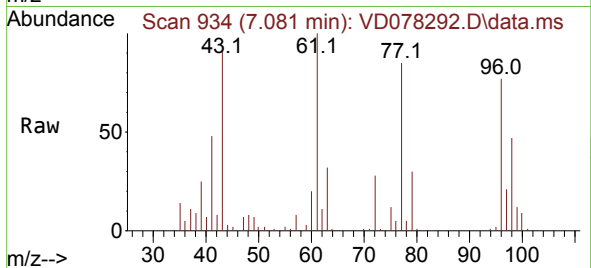


#27
 cis-1,2-Dichloroethene
 Concen: 51.895 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078292.D
 Acq: 31 Jan 2024 14:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 96493

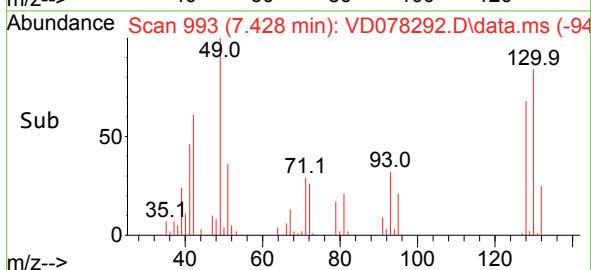
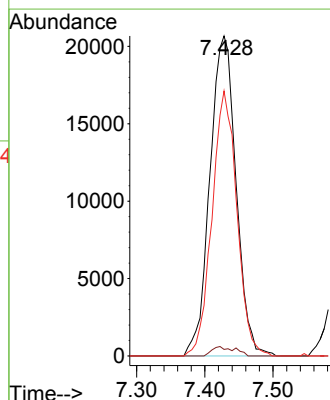
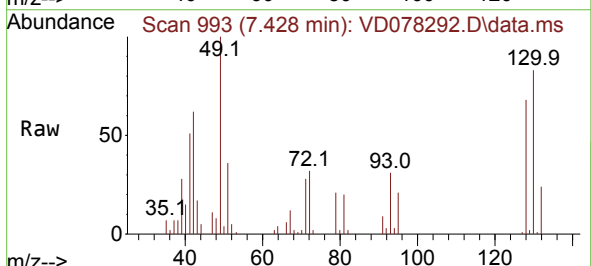
Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	239.2
98	63.5	0.0	128.6

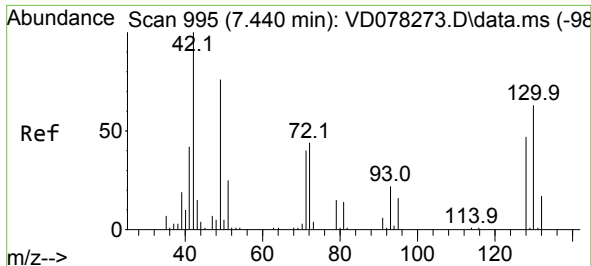


#28
 Bromochloromethane
 Concen: 53.766 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078292.D
 Acq: 31 Jan 2024 14:33

Tgt Ion: 49 Resp: 55262

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	78.5	83.2	124.8





#29

Tetrahydrofuran

Concen: 268.592 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

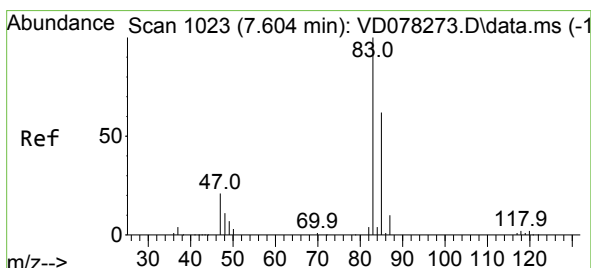
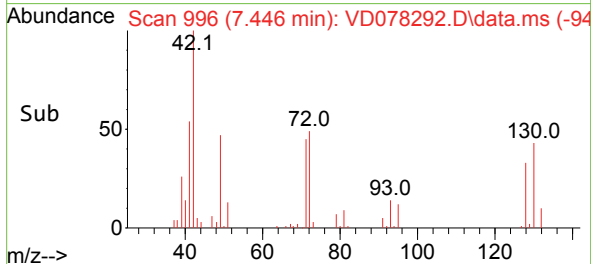
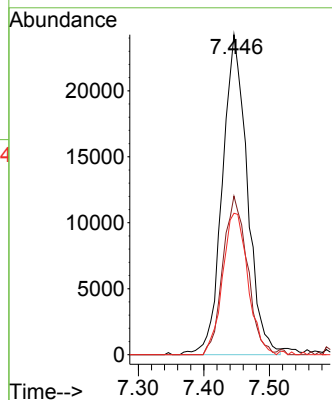
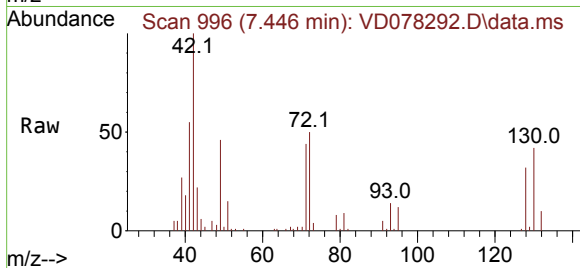
Tgt Ion: 42 Resp: 63928

Ion Ratio Lower Upper

42 100

72 48.6 46.5 69.7

71 44.9 44.5 66.7



#30

Chloroform

Concen: 51.529 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078292.D

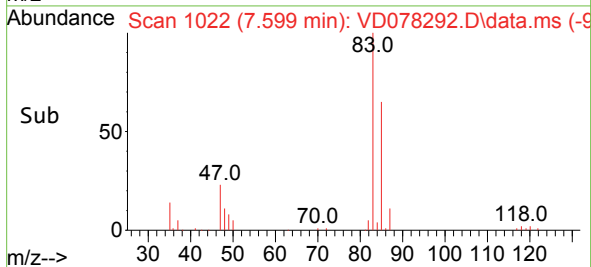
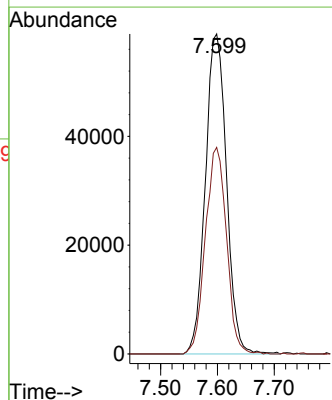
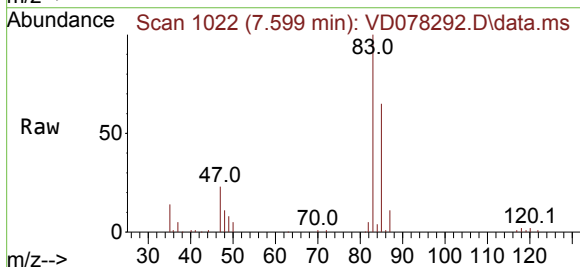
Acq: 31 Jan 2024 14:33

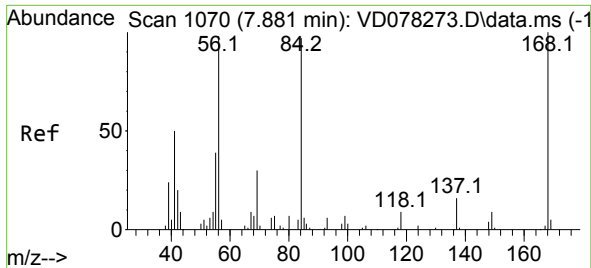
Tgt Ion: 83 Resp: 151828

Ion Ratio Lower Upper

83 100

85 64.6 53.4 80.2

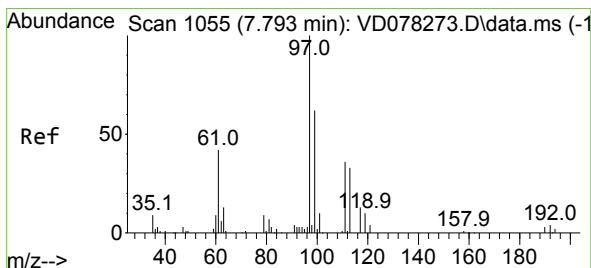
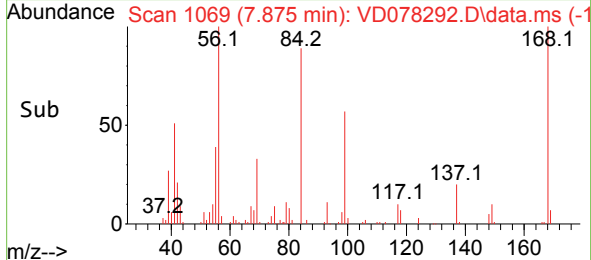
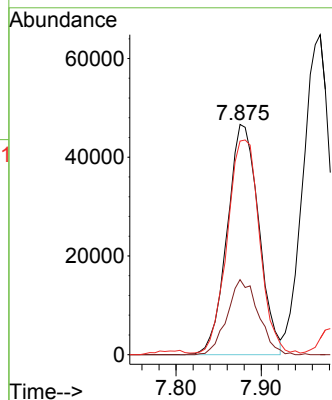
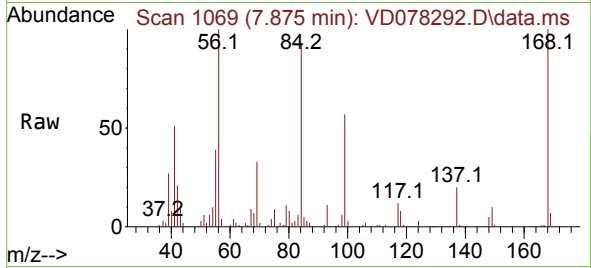




#31
Cyclohexane
Concen: 48.039 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

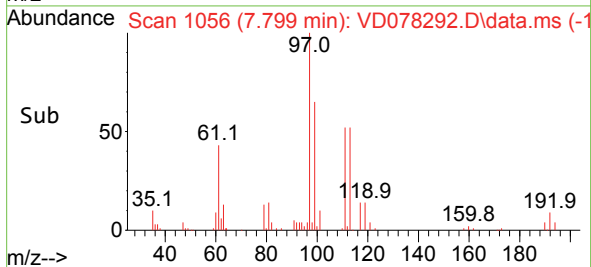
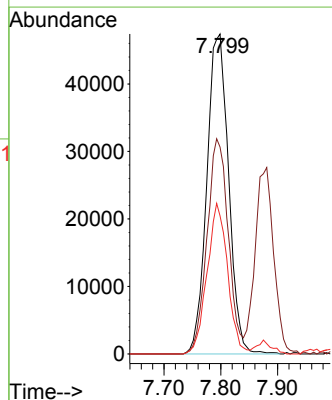
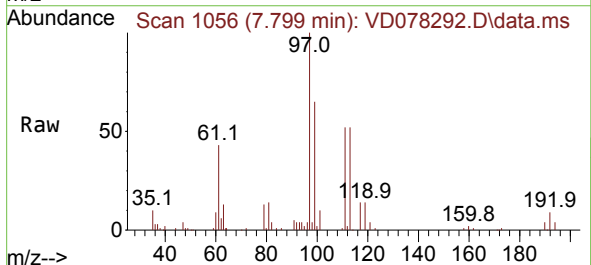
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

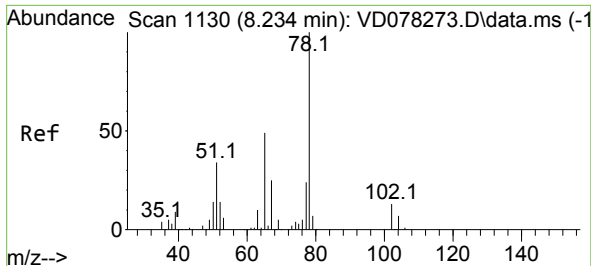
Tgt Ion: 56 Resp: 120126
Ion Ratio Lower Upper
56 100
69 32.6 28.6 43.0
84 90.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.586 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 97 Resp: 125914
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 44.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.763 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

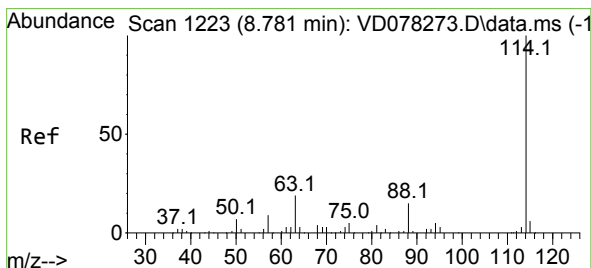
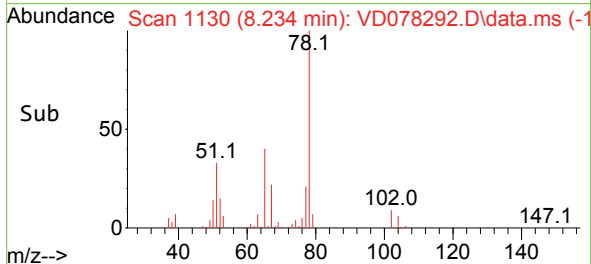
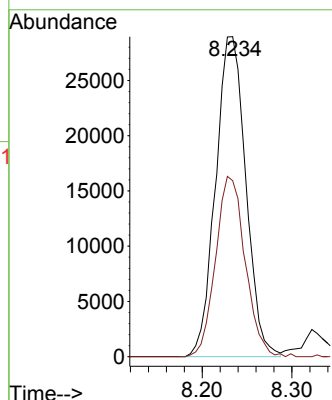
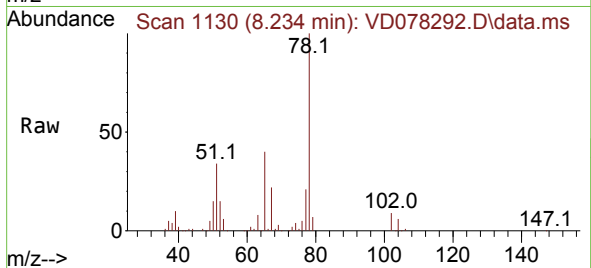
VSTDCCC050EC

Tgt Ion: 65 Resp: 67778

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

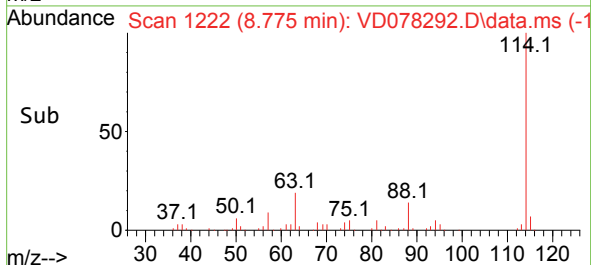
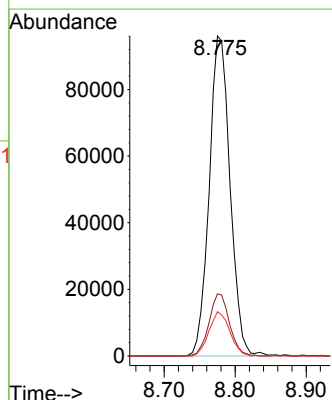
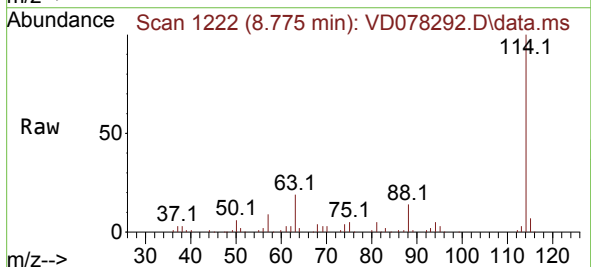
Tgt Ion:114 Resp: 196048

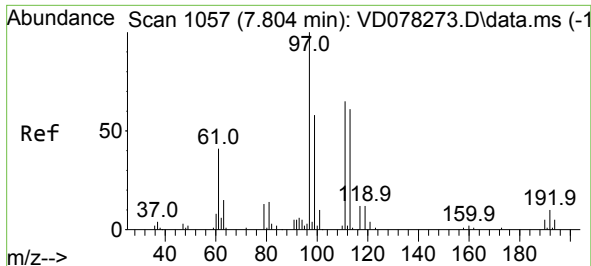
Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

88 13.8 0.0 26.2

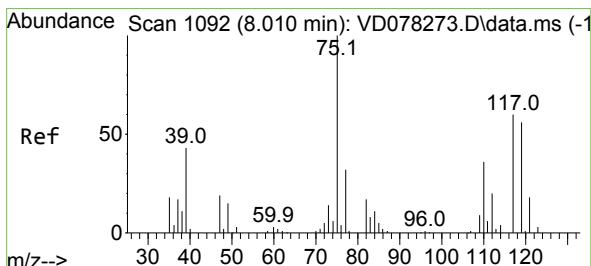
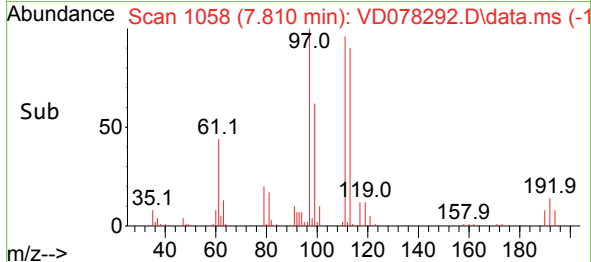
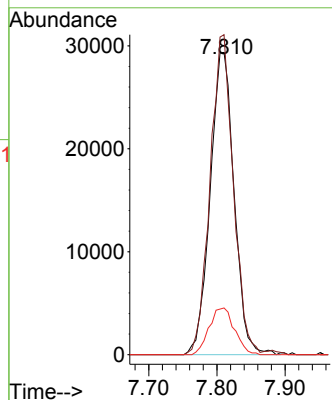
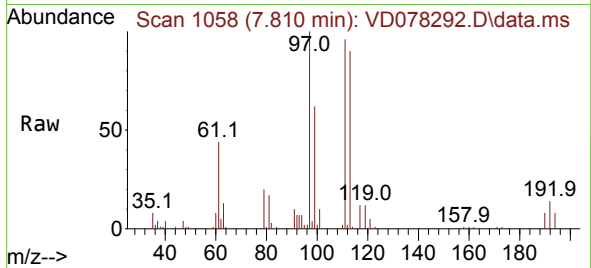




#35
Dibromofluoromethane
Concen: 51.440 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

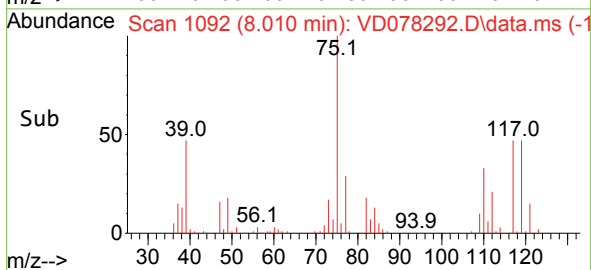
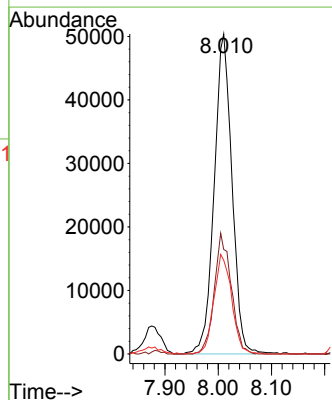
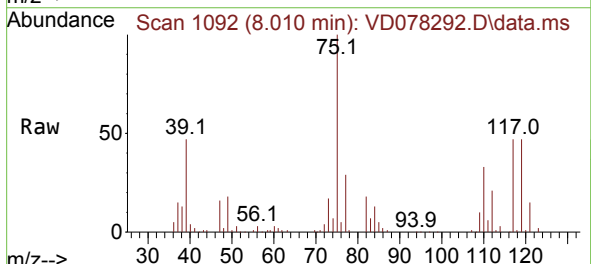
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

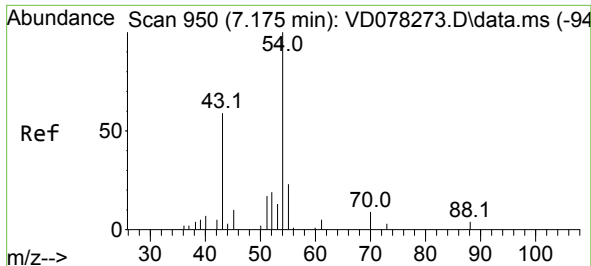
Tgt Ion:113 Resp: 71796
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 16.4 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 50.595 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 75 Resp: 117100
Ion Ratio Lower Upper
75 100
110 35.9 19.9 59.6
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 54.463 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

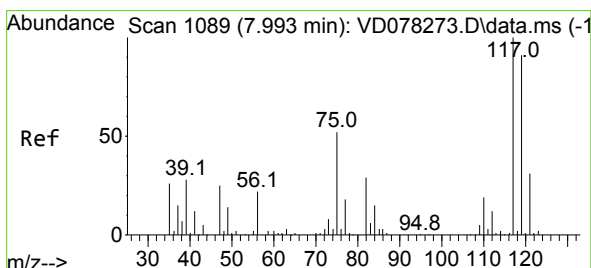
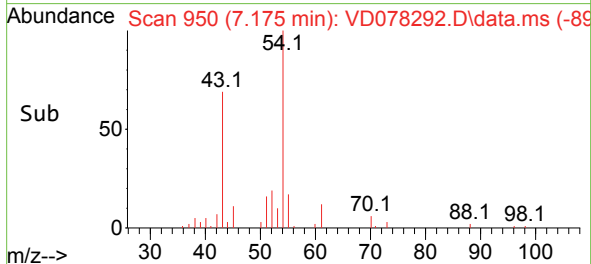
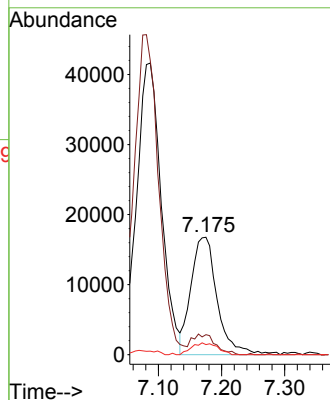
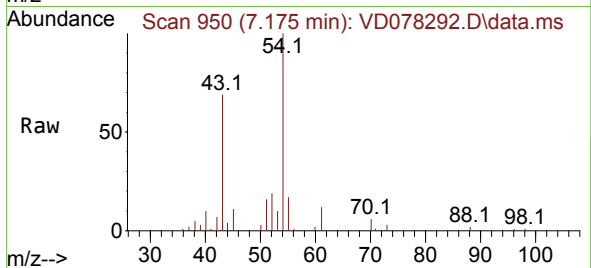
Tgt Ion: 43 Resp: 48515

Ion Ratio Lower Upper

43 100

61 15.3 14.9 22.3

70 9.8 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 50.205 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

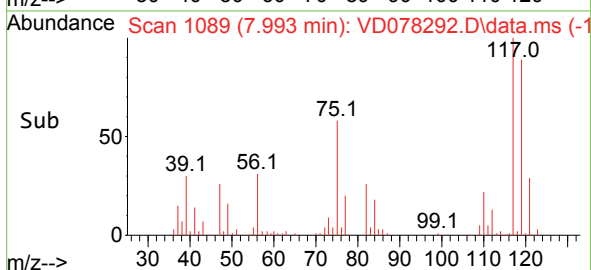
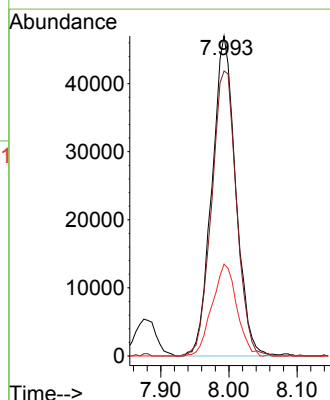
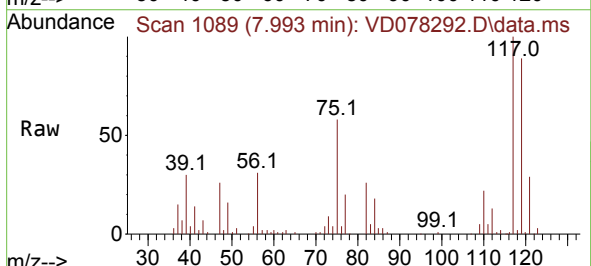
Tgt Ion: 117 Resp: 114253

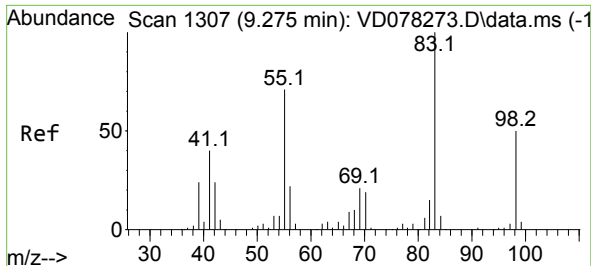
Ion Ratio Lower Upper

117 100

119 89.1 78.0 117.0

121 28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 49.261 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

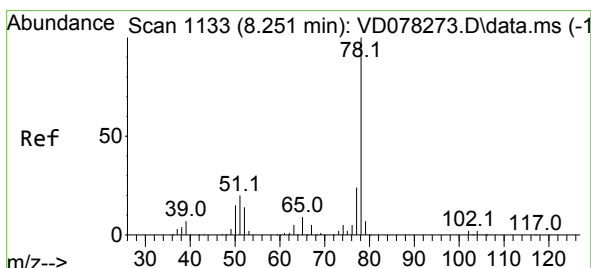
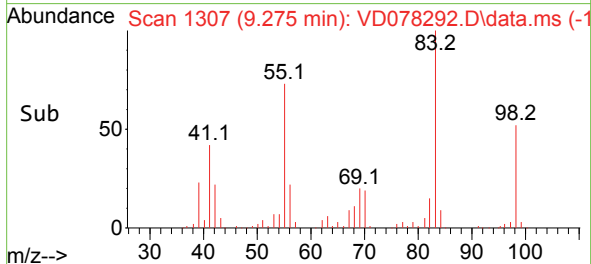
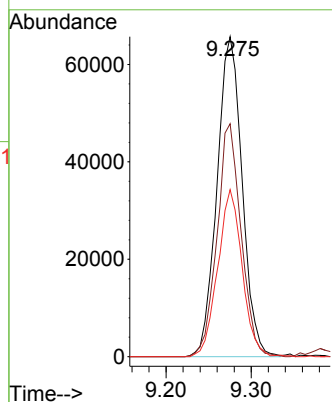
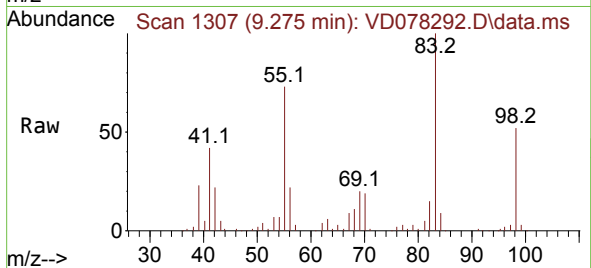
Tgt Ion: 83 Resp: 134800

Ion Ratio Lower Upper

83 100

55 72.8 49.4 74.0

98 52.2 38.4 57.6



#40

Benzene

Concen: 51.075 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078292.D

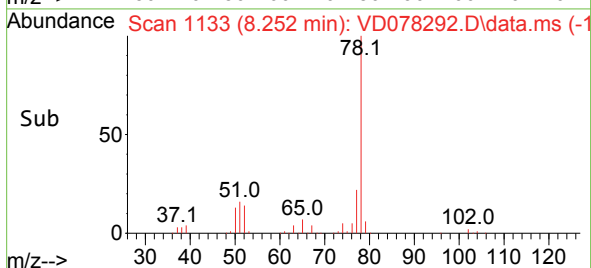
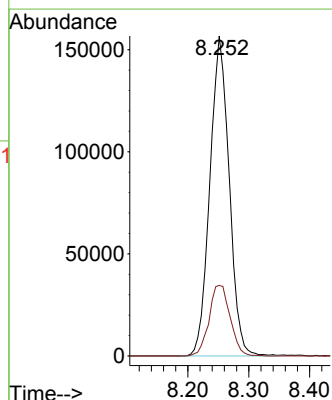
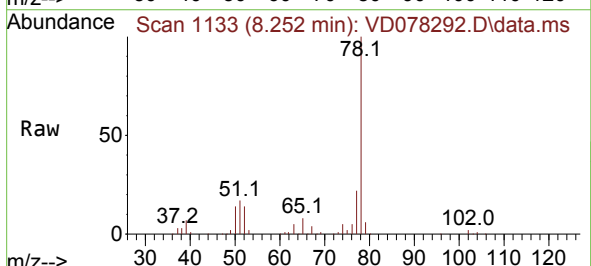
Acq: 31 Jan 2024 14:33

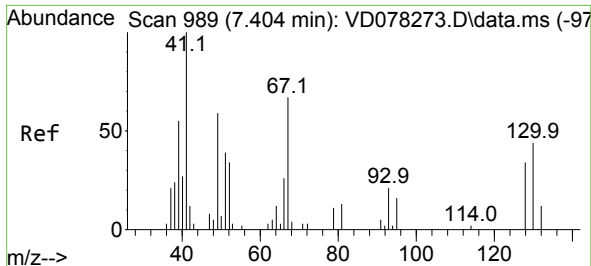
Tgt Ion: 78 Resp: 344914

Ion Ratio Lower Upper

78 100

77 22.0 19.4 29.0

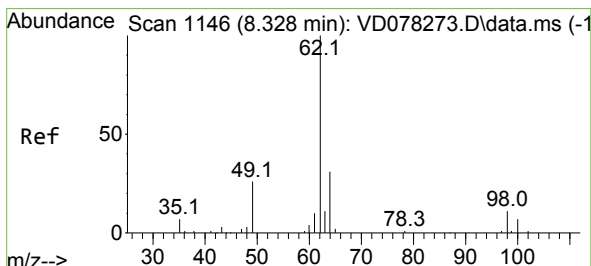
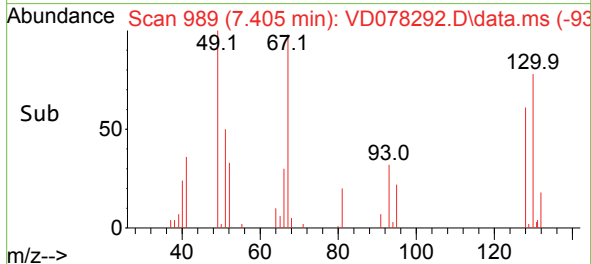
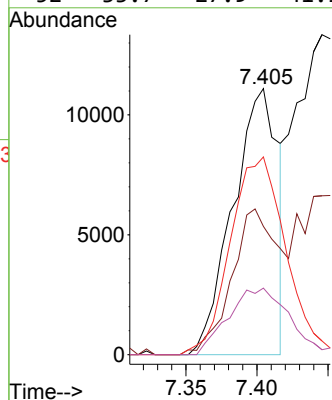
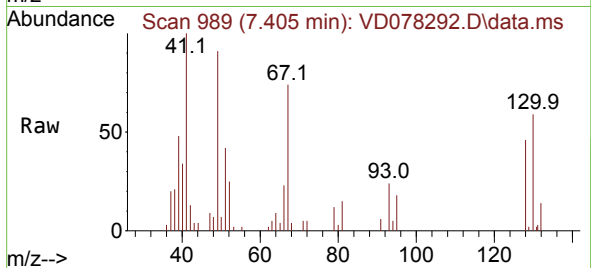




#41
Methacrylonitrile
Concen: 51.152 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

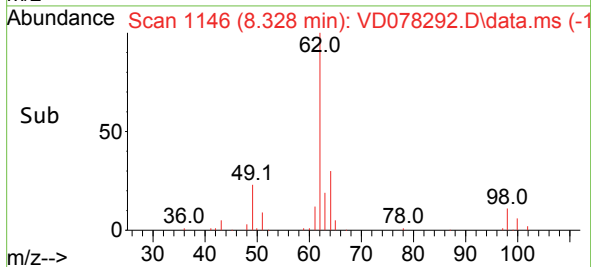
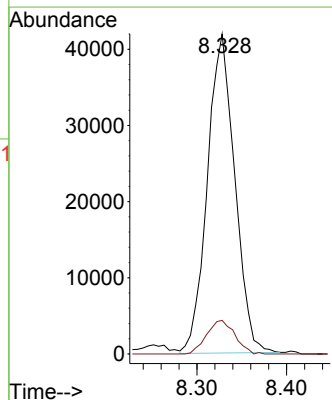
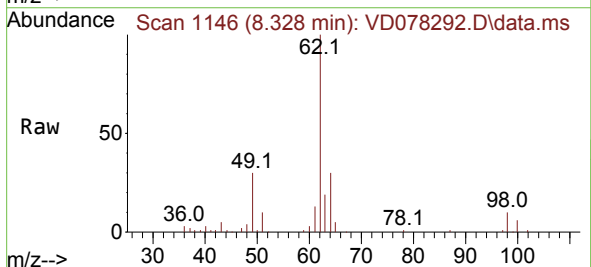
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

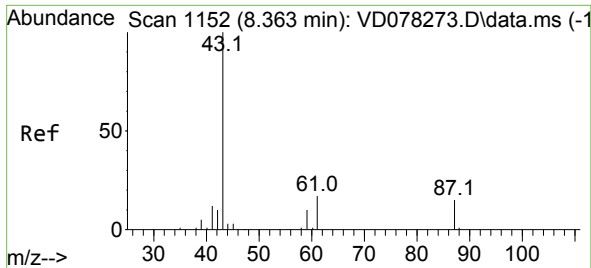
Tgt Ion: 41 Resp: 24497
Ion Ratio Lower Upper
41 100
39 59.5 34.0 51.0#
67 91.1 77.0 115.4
52 33.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.751 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 62 Resp: 88891
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4

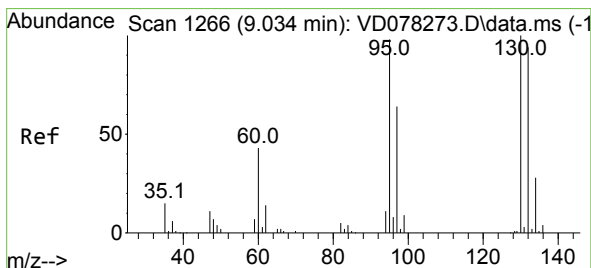
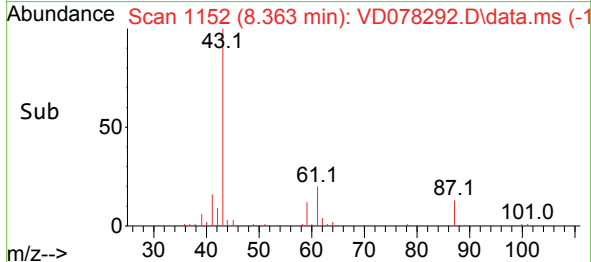
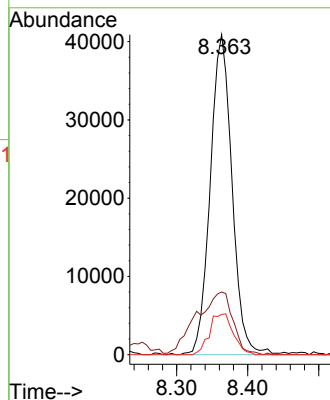
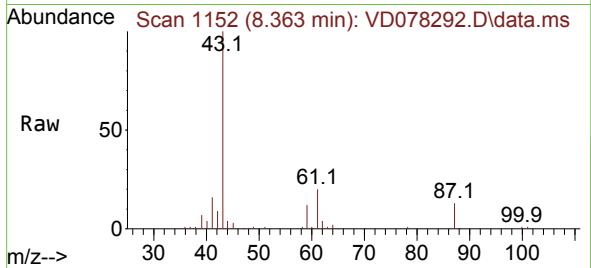




#43
Isopropyl Acetate
Concen: 54.422 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

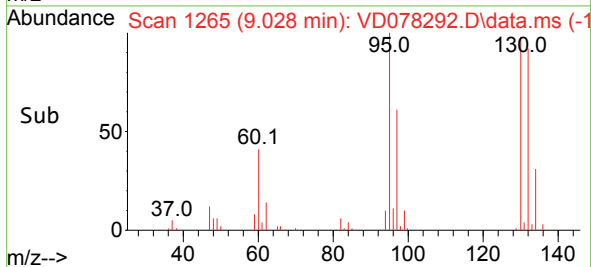
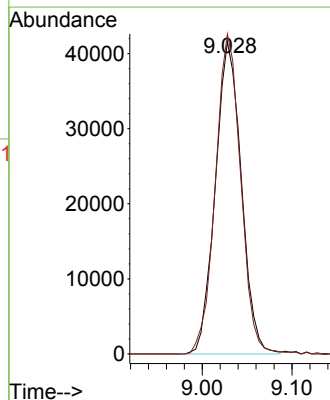
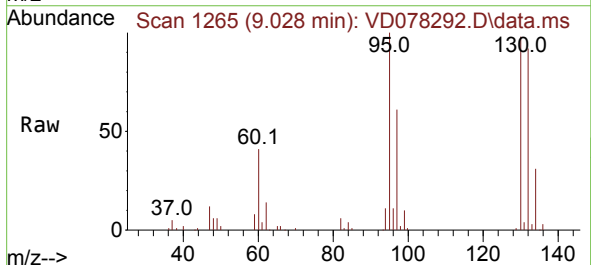
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

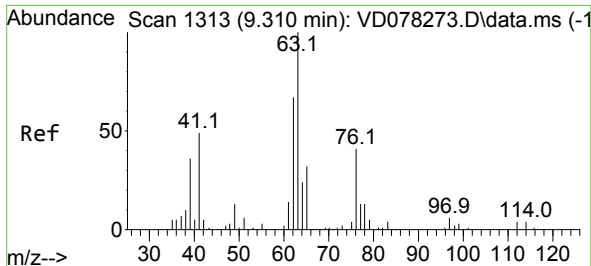
Tgt Ion: 43 Resp: 86921
Ion Ratio Lower Upper
43 100
61 32.7 31.4 47.0
87 13.9 14.9 22.3#



#44
Trichloroethene
Concen: 50.406 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion:130 Resp: 83586
Ion Ratio Lower Upper
130 100
95 102.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.549 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

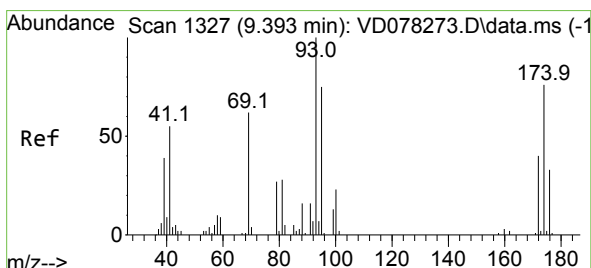
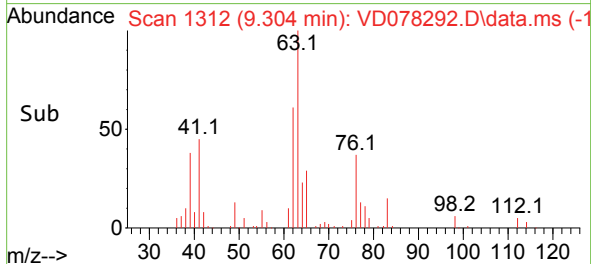
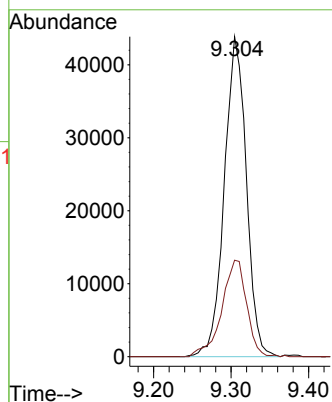
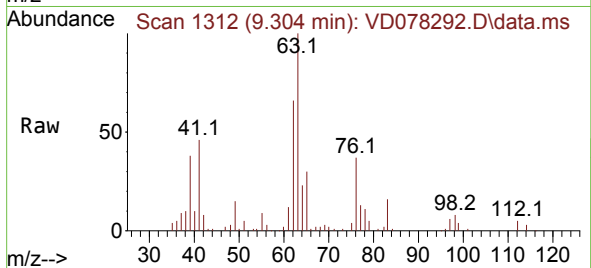
VSTDCCC050EC

Tgt Ion: 63 Resp: 86766

Ion Ratio Lower Upper

63 100

65 30.2 24.5 36.7



#46

Dibromomethane

Concen: 52.045 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

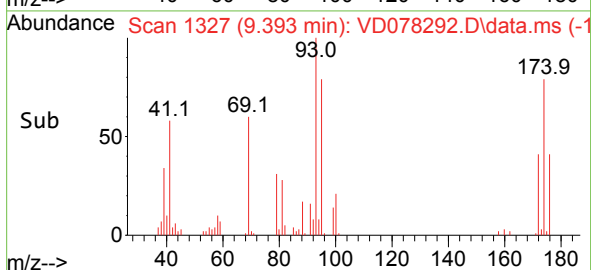
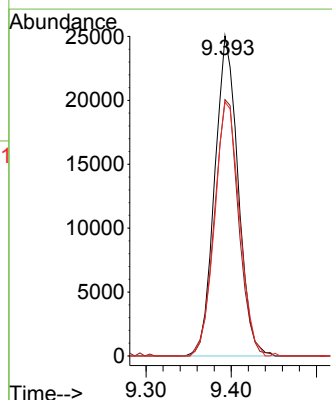
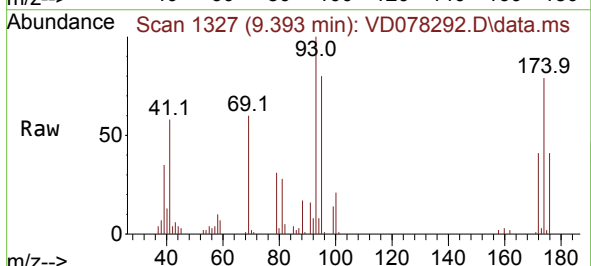
Tgt Ion: 93 Resp: 47679

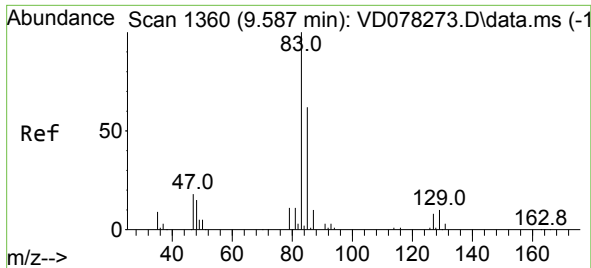
Ion Ratio Lower Upper

93 100

95 83.3 67.7 101.5

174 84.2 85.4 128.2#

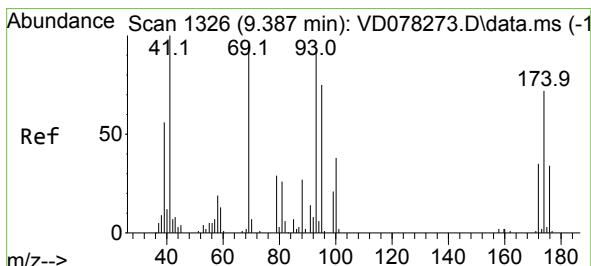
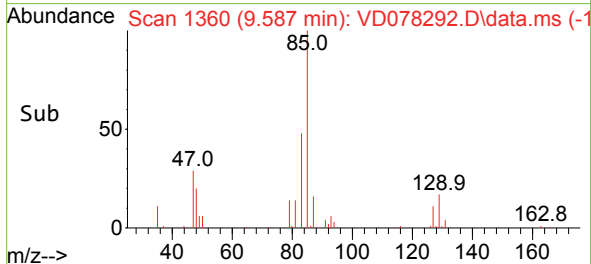
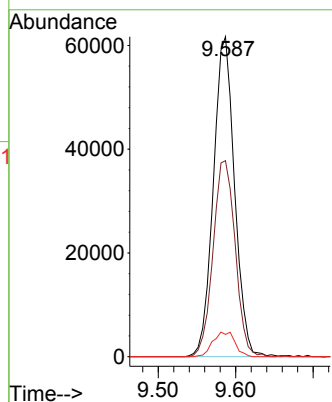
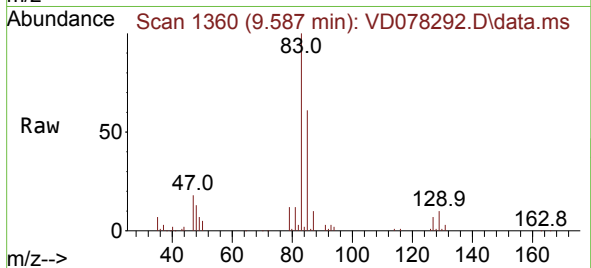




#47
Bromodichloromethane
Concen: 51.973 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

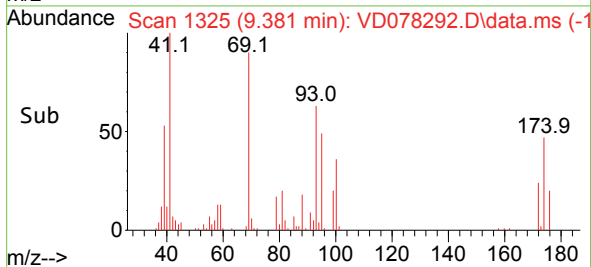
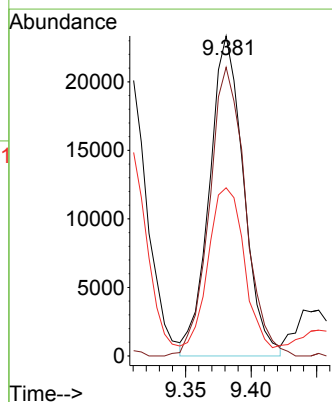
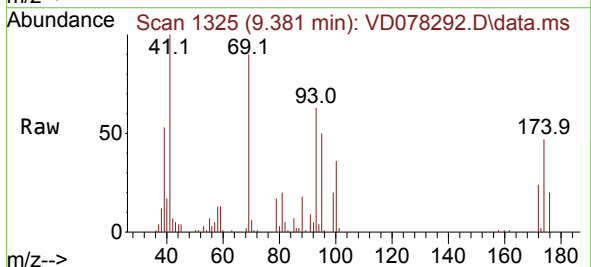
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

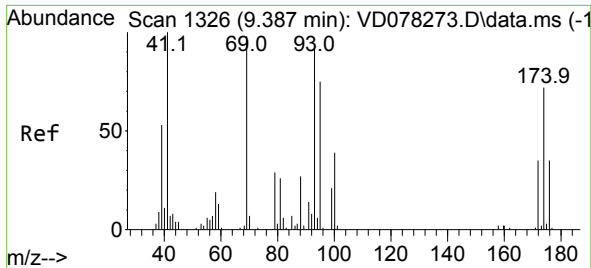
Tgt Ion: 83 Resp: 117143
Ion Ratio Lower Upper
83 100
85 61.2 50.2 75.4
127 7.0 6.3 9.5



#48
Methyl methacrylate
Concen: 55.432 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 41 Resp: 42306
Ion Ratio Lower Upper
41 100
69 94.9 102.2 153.2#
39 56.2 41.4 62.2

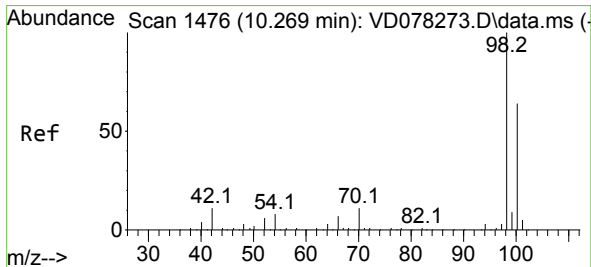
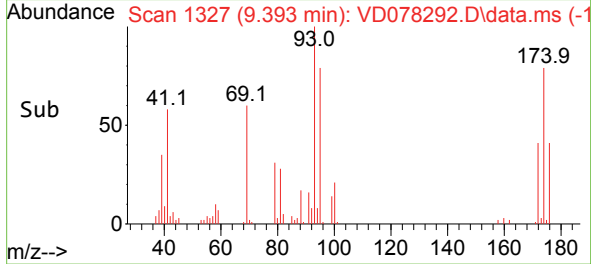
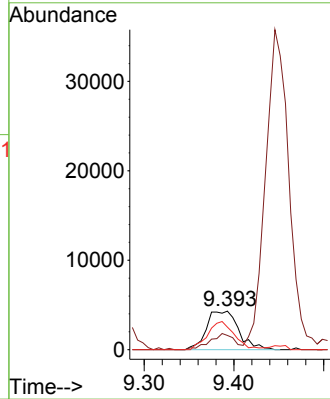
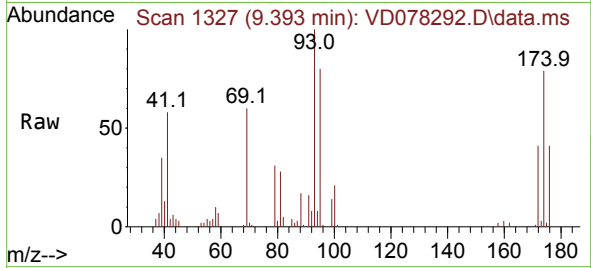




#49
1,4-Dioxane
Concen: 1041.398 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

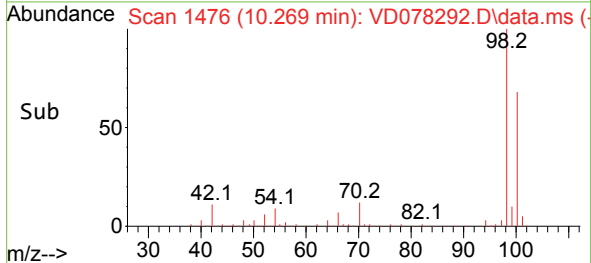
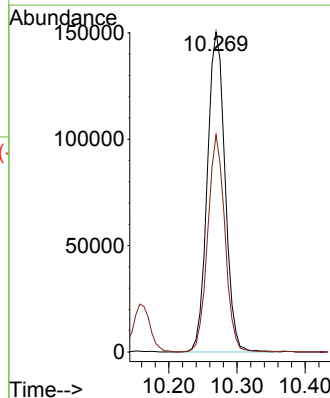
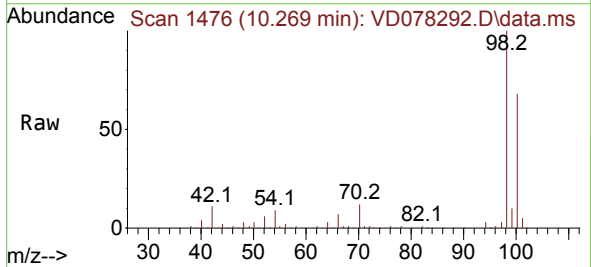
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

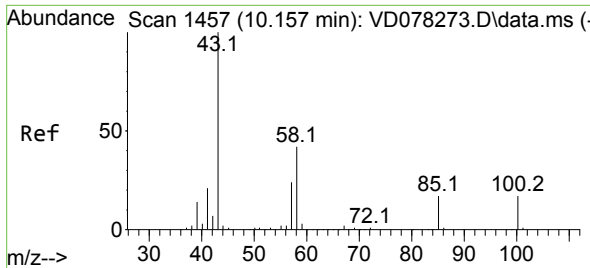
Tgt Ion: 88 Resp: 10702
Ion Ratio Lower Upper
88 100
43 32.2 19.0 28.6#
58 60.7 43.5 65.3



#50
Toluene-d8
Concen: 51.467 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 98 Resp: 271964
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5

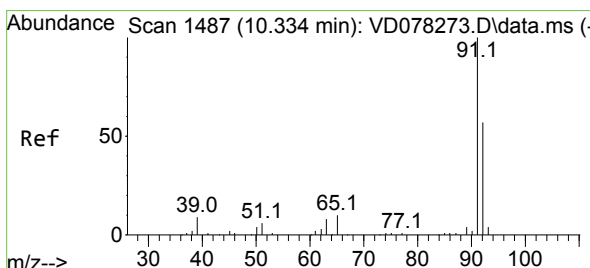
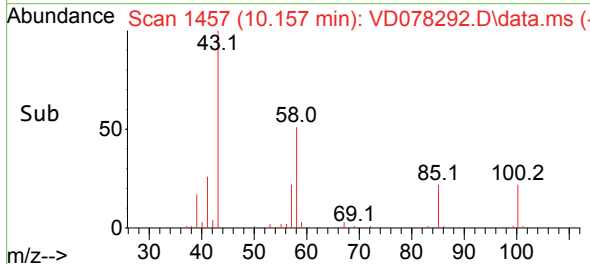
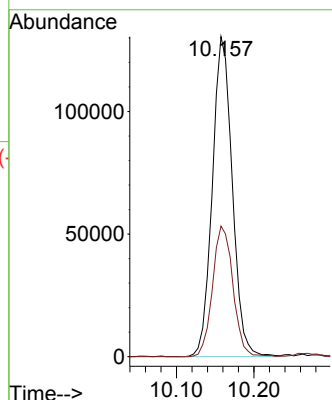
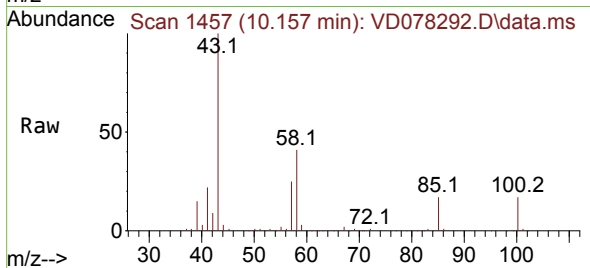




#51
4-Methyl-2-Pentanone
Concen: 270.238 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

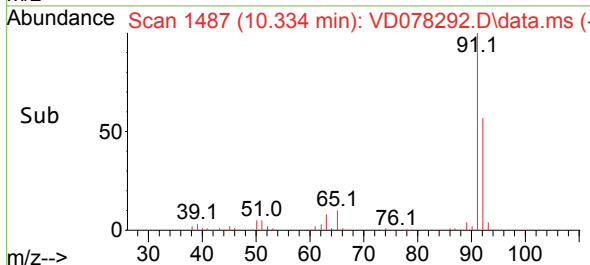
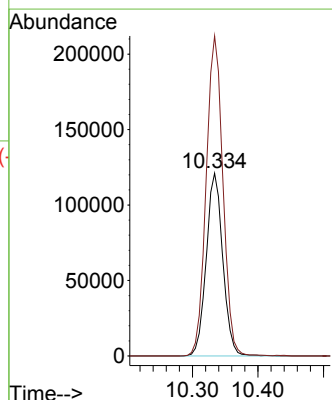
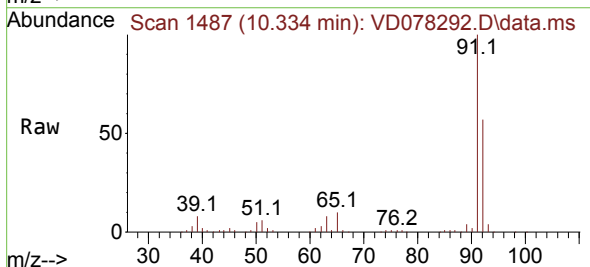
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

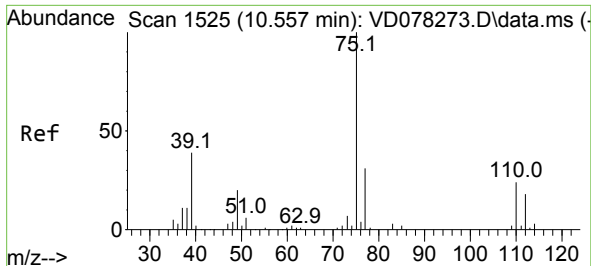
Tgt Ion: 43 Resp: 233489
Ion Ratio Lower Upper
43 100
58 41.8 38.9 58.3



#52
Toluene
Concen: 51.887 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 92 Resp: 212539
Ion Ratio Lower Upper
92 100
91 177.2 143.0 214.4

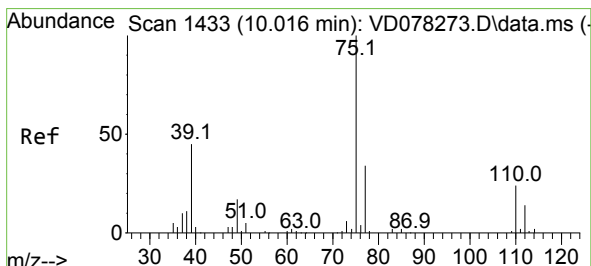
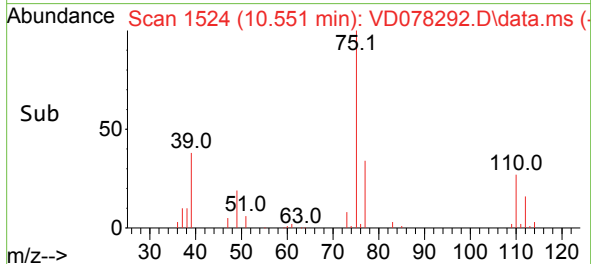
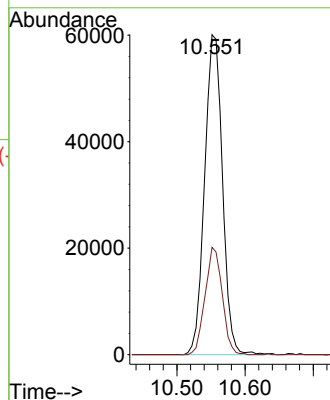
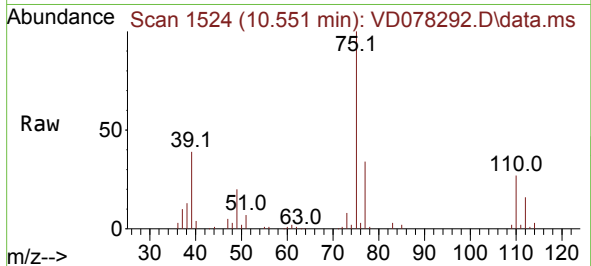




#53
t-1,3-Dichloropropene
Concen: 52.068 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

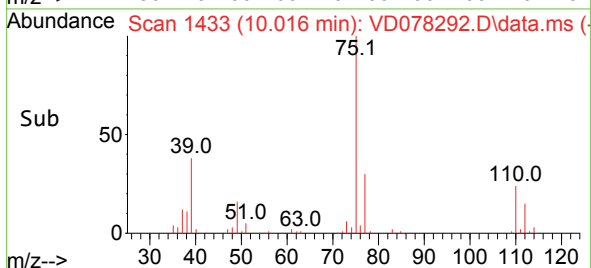
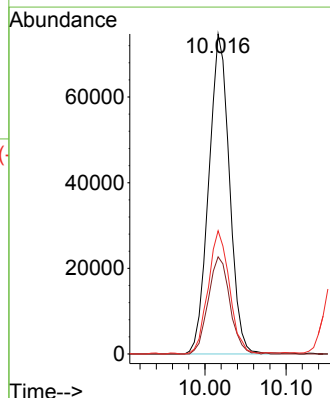
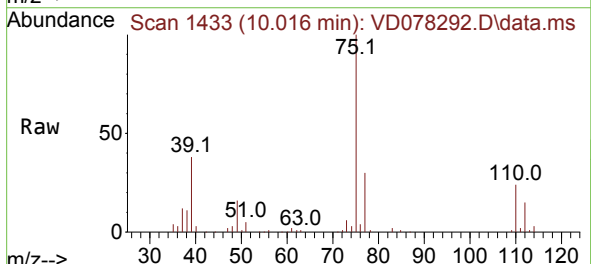
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

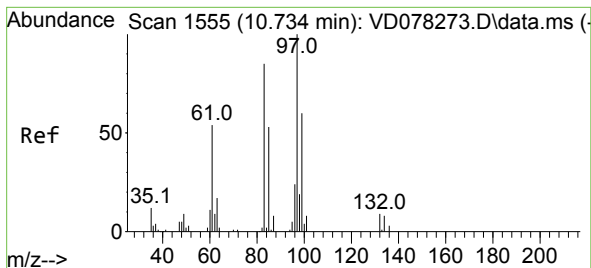
Tgt Ion: 75 Resp: 109618
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.010 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 75 Resp: 132122
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 38.5 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 54.314 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 64931

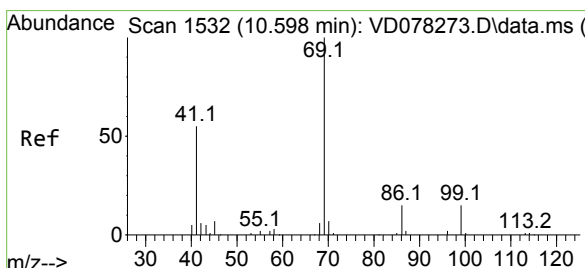
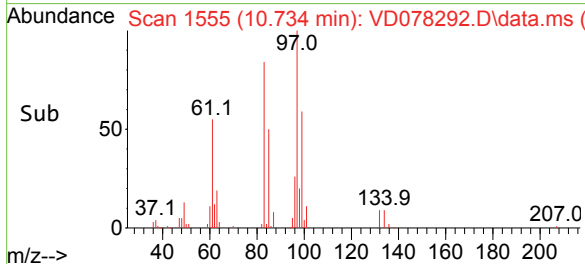
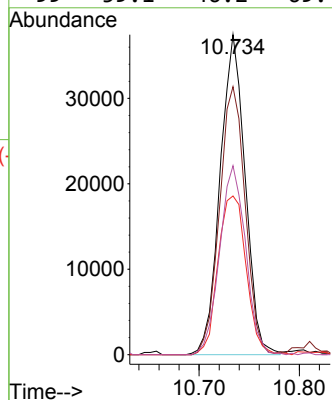
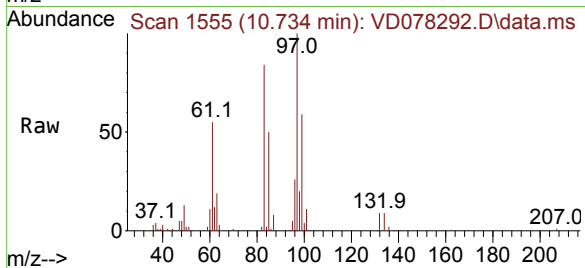
Ion Ratio Lower Upper

97 100

83 83.8 65.8 98.6

85 49.6 45.7 68.5

99 59.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 56.115 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

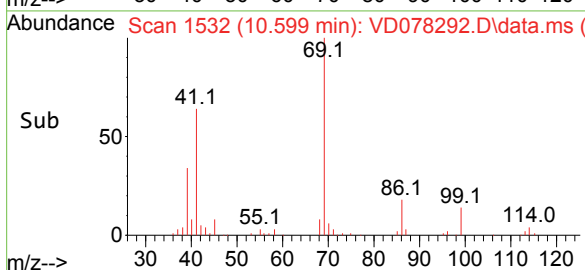
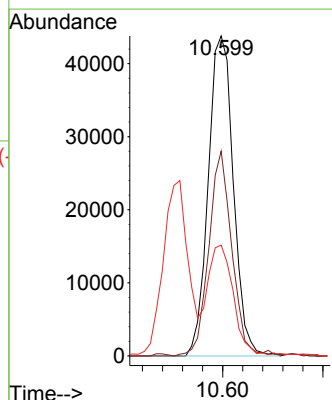
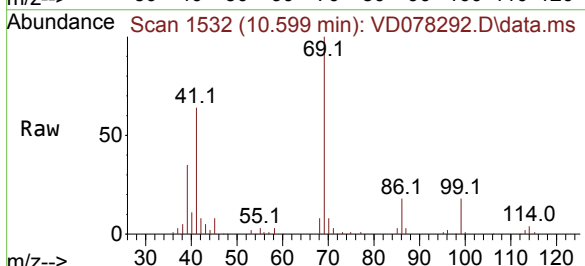
Tgt Ion: 69 Resp: 76091

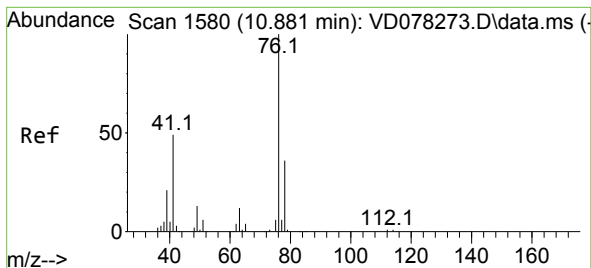
Ion Ratio Lower Upper

69 100

41 59.0 39.1 58.7#

39 34.9 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 52.889 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

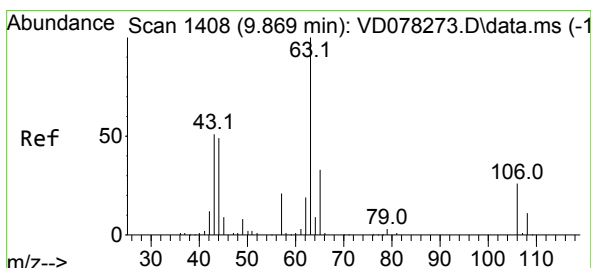
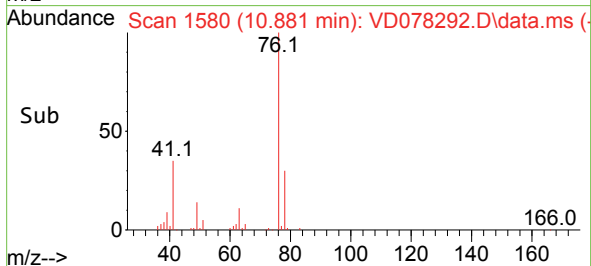
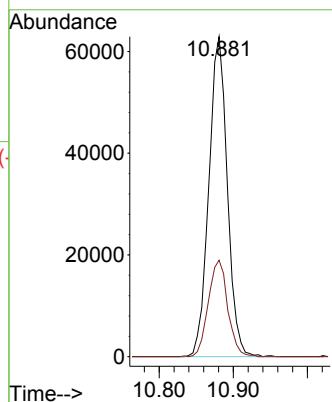
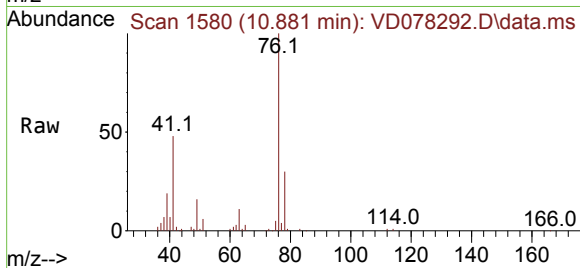
VSTDCCC050EC

Tgt Ion: 76 Resp: 109022

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 253.380 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078292.D

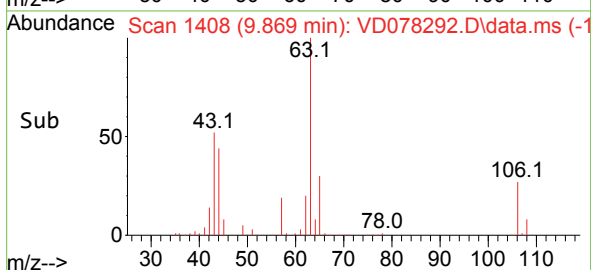
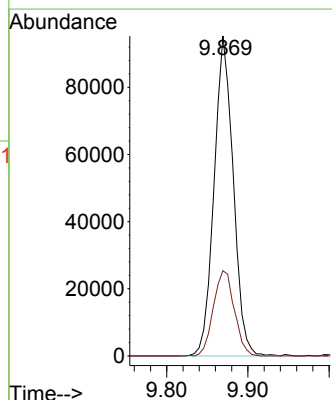
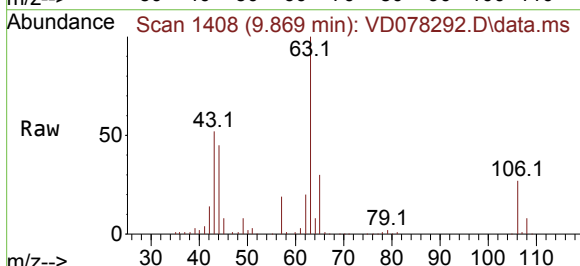
Acq: 31 Jan 2024 14:33

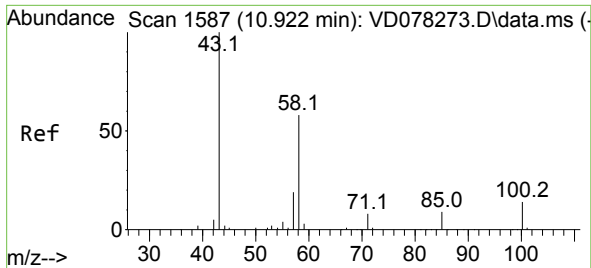
Tgt Ion: 63 Resp: 156246

Ion Ratio Lower Upper

63 100

106 29.1 25.3 37.9

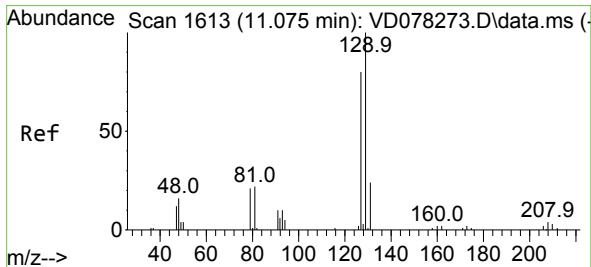
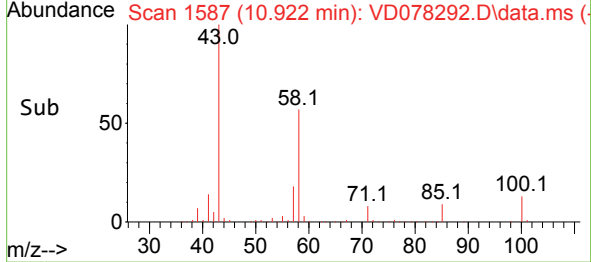
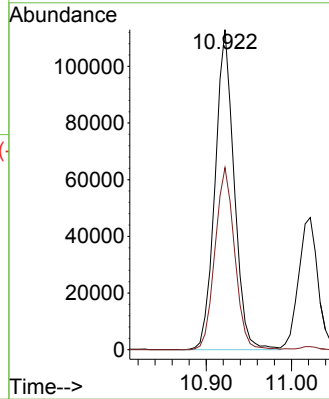
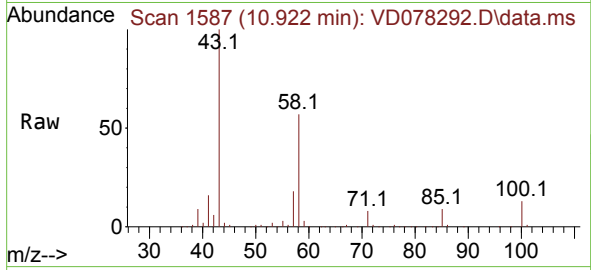




#59
2-Hexanone
Concen: 269.639 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

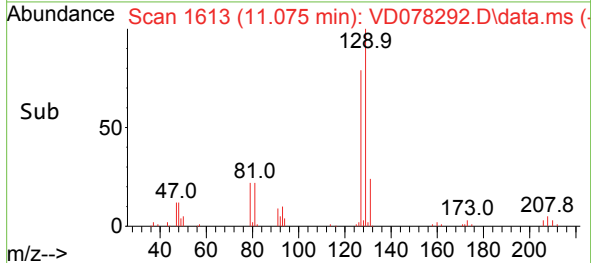
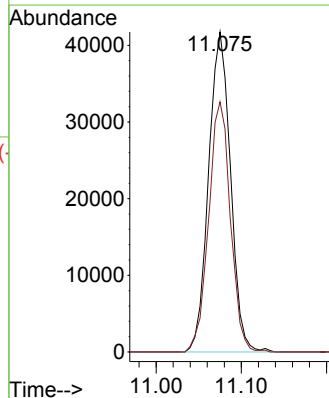
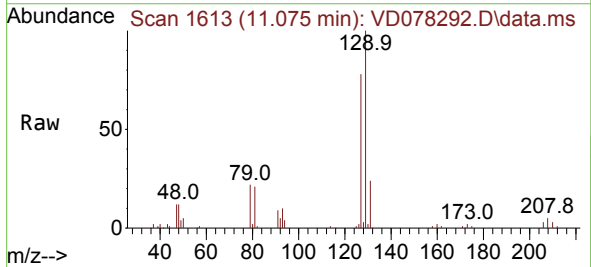
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

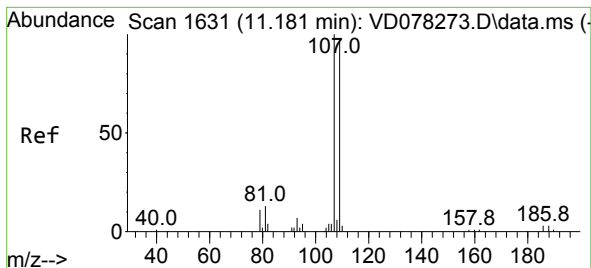
Tgt Ion: 43 Resp: 175458
Ion Ratio Lower Upper
43 100
58 58.7 34.1 102.2



#60
Dibromochloromethane
Concen: 53.685 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 129 Resp: 74502
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5





#61

1,2-Dibromoethane

Concen: 52.369 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

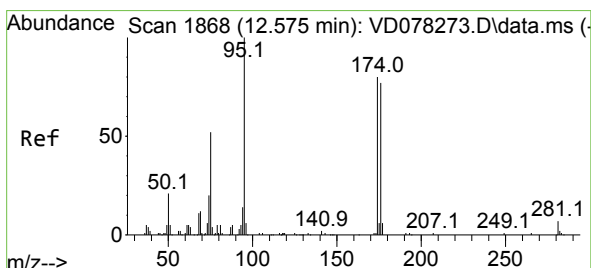
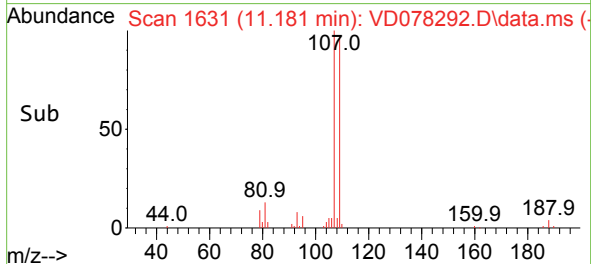
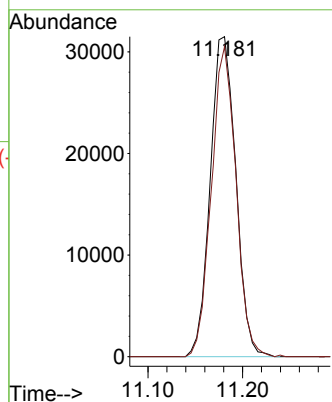
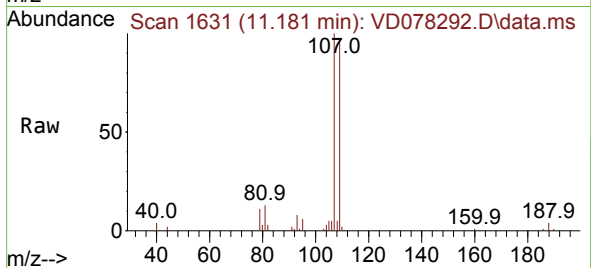
VSTDCCC050EC

Tgt Ion:107 Resp: 59109

Ion Ratio Lower Upper

107 100

109 93.3 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 53.045 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

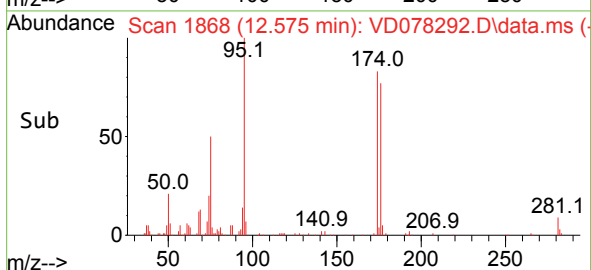
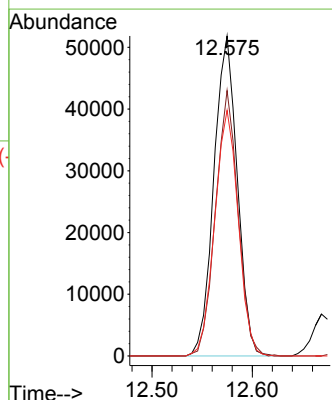
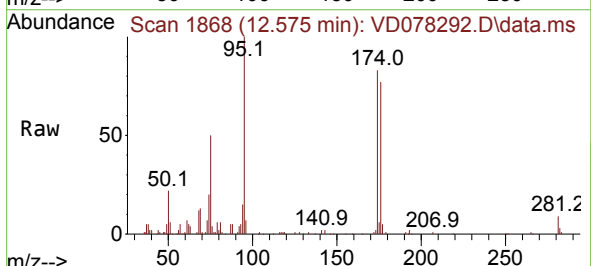
Tgt Ion: 95 Resp: 83943

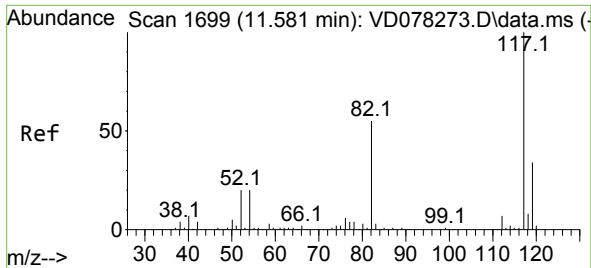
Ion Ratio Lower Upper

95 100

174 80.0 0.0 201.8

176 77.3 0.0 191.8

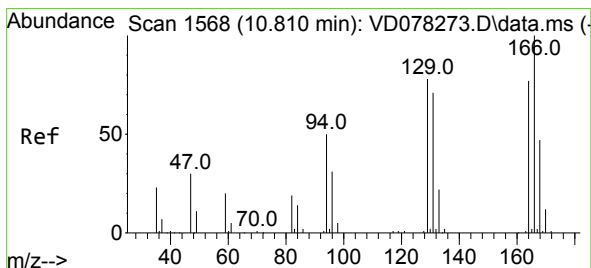
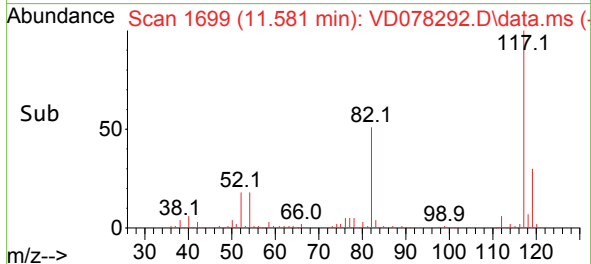
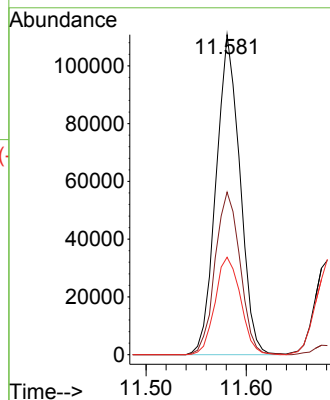
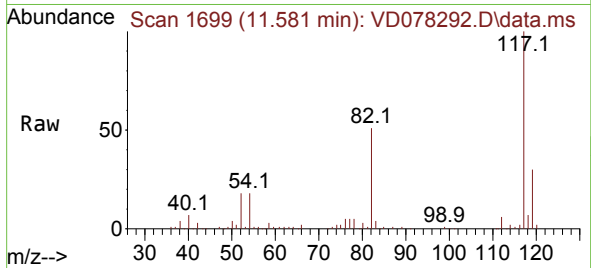




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

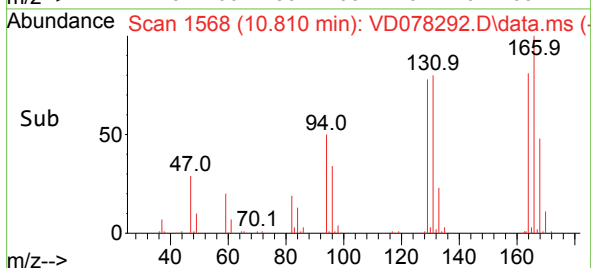
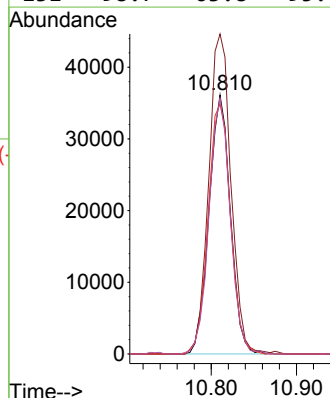
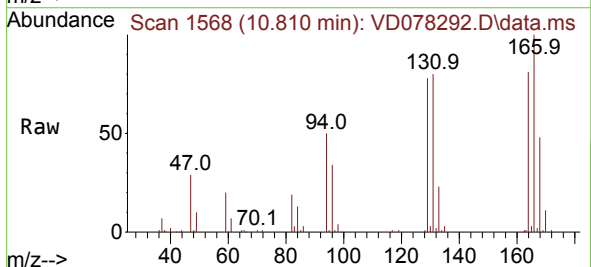
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

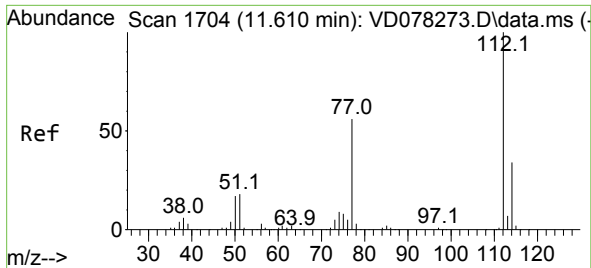
Tgt Ion:117 Resp: 182757
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 30.5 25.0 37.4



#64
Tetrachloroethene
Concen: 49.373 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion:164 Resp: 62934
Ion Ratio Lower Upper
164 100
166 123.6 99.2 148.8
129 96.4 68.4 102.6
131 98.7 63.8 95.8#

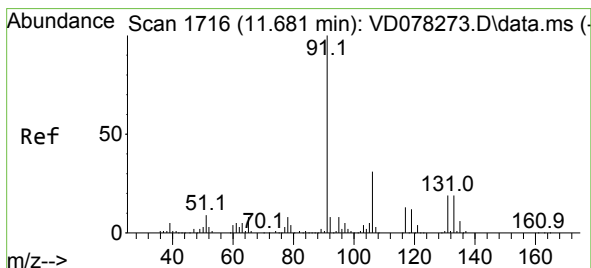
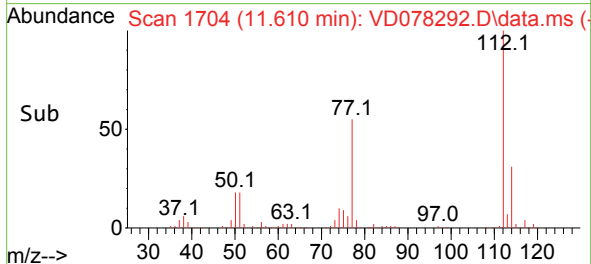
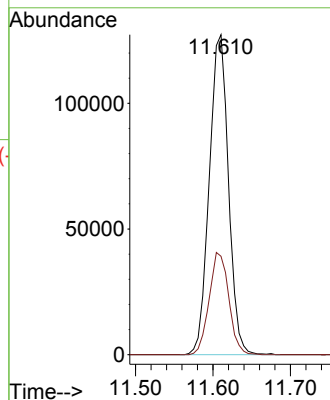
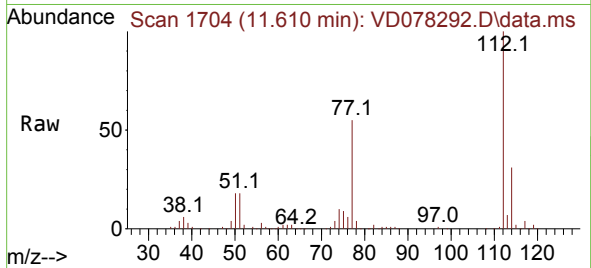




#65
Chlorobenzene
Concen: 50.117 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

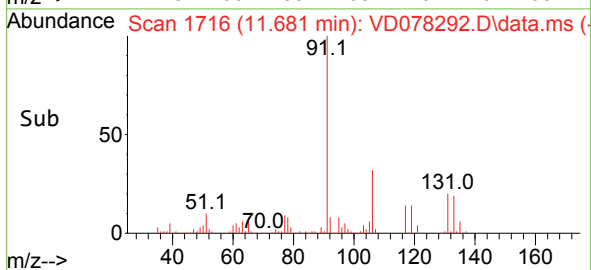
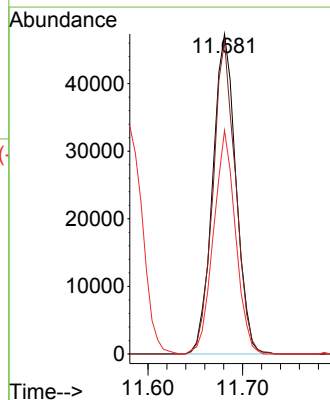
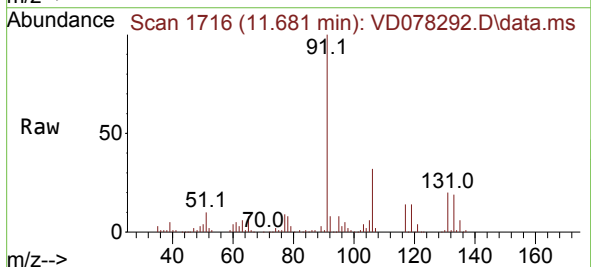
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

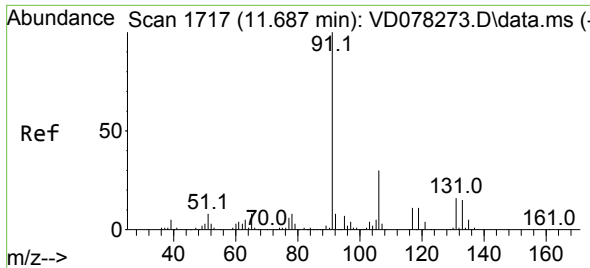
Tgt Ion:112 Resp: 219125
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.896 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion:131 Resp: 80788
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 66.1 35.6 106.9

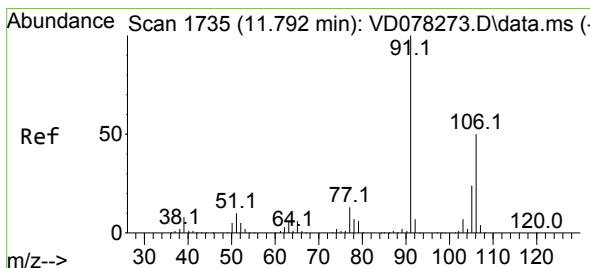
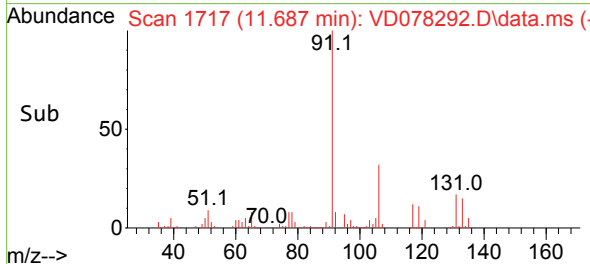
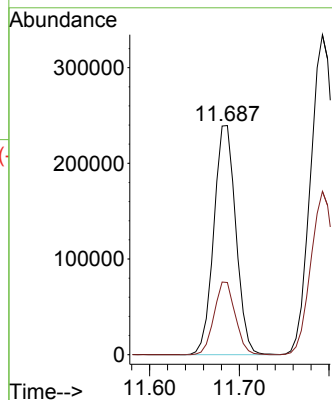
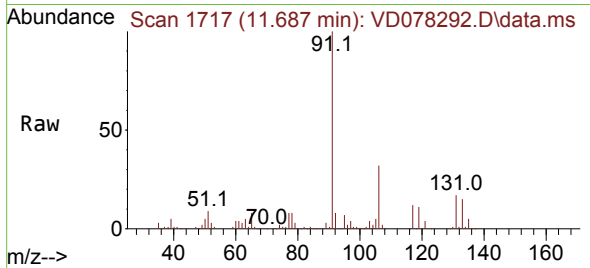




#67
Ethyl Benzene
Concen: 51.576 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

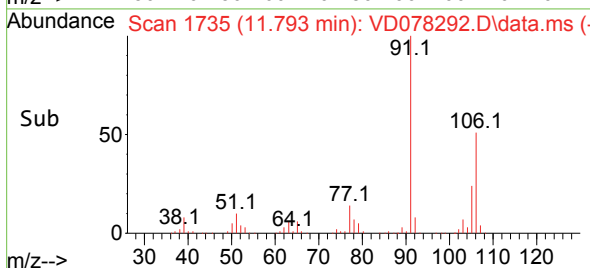
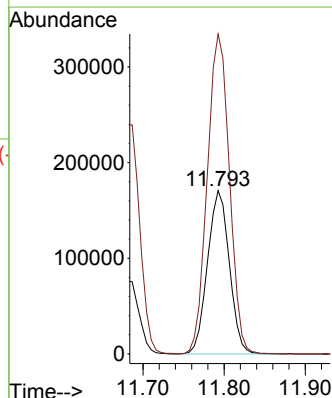
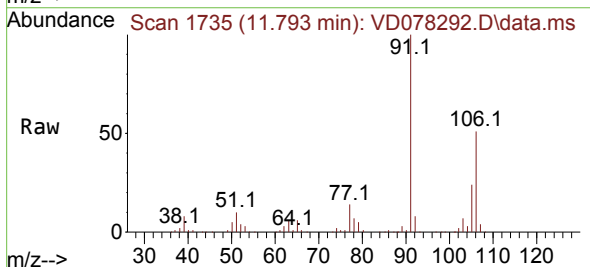
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

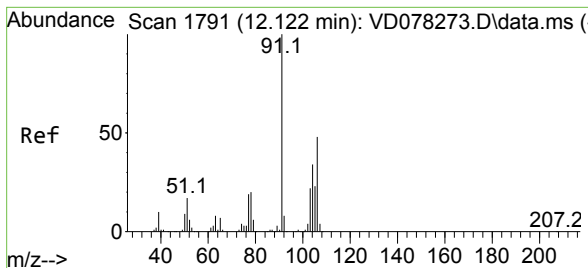
Tgt Ion: 91 Resp: 408482
Ion Ratio Lower Upper
91 100
106 31.5 26.5 39.7



#68
m/p-Xylenes
Concen: 104.427 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion:106 Resp: 318192
Ion Ratio Lower Upper
106 100
91 199.1 147.0 220.6

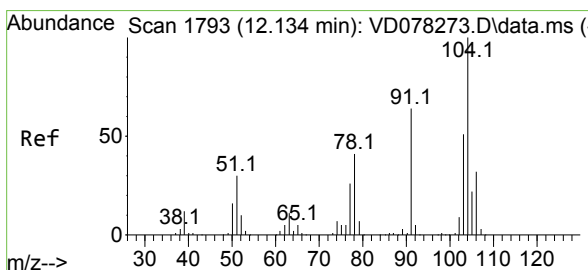
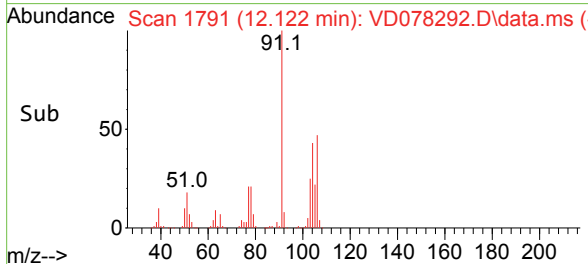
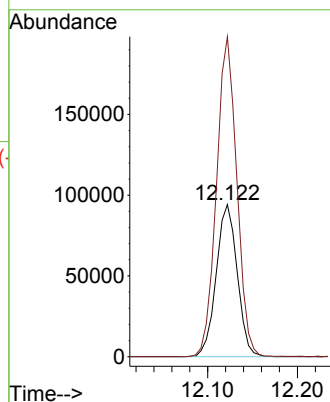
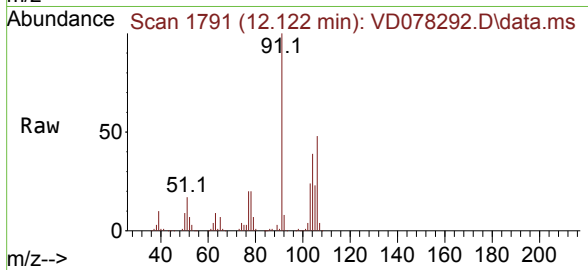




#69
o-Xylene
Concen: 54.578 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

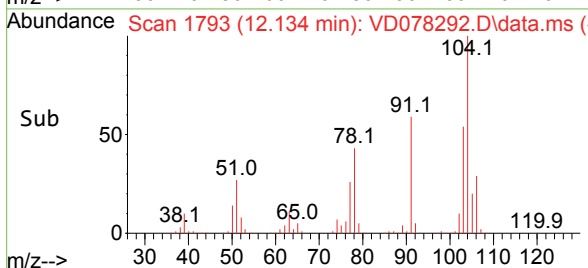
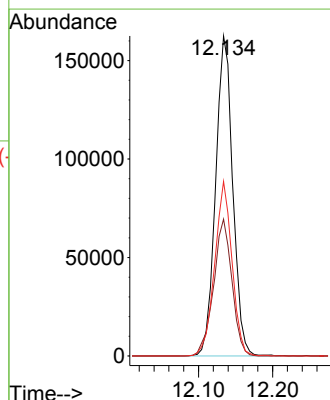
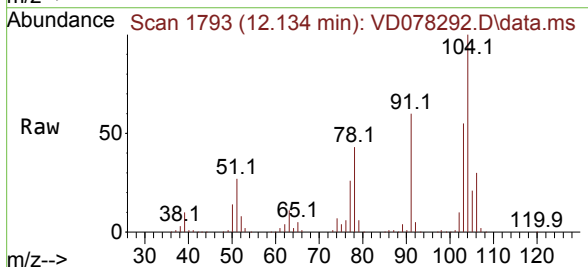
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

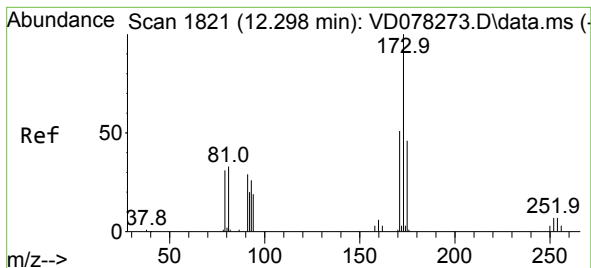
Tgt Ion:106 Resp: 152831
Ion Ratio Lower Upper
106 100
91 204.3 97.9 293.6



#70
Styrene
Concen: 54.592 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion:104 Resp: 261066
Ion Ratio Lower Upper
104 100
78 45.6 33.2 49.8
103 55.2 43.6 65.4





#71

Bromoform

Concen: 54.468 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

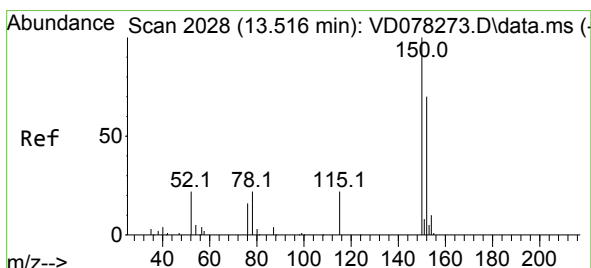
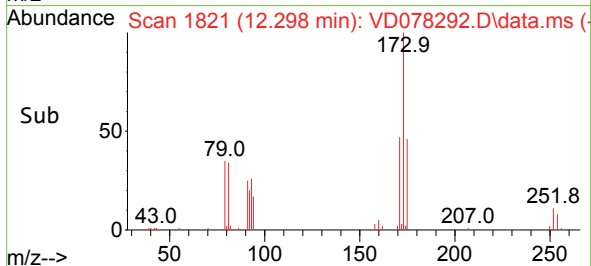
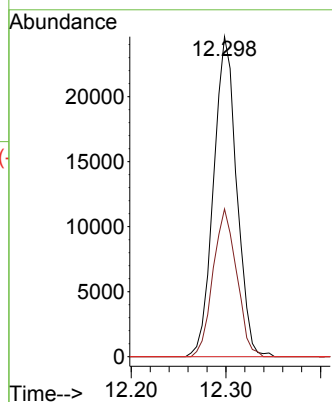
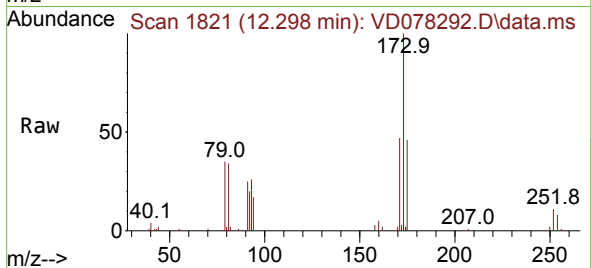
Tgt Ion:173 Resp: 41761

Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

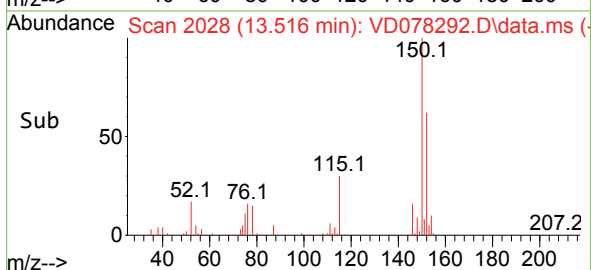
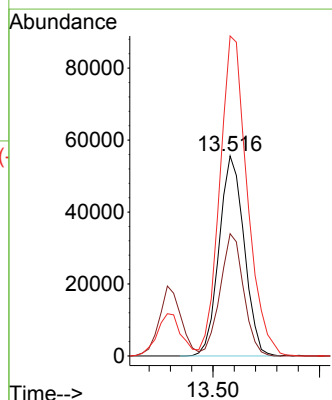
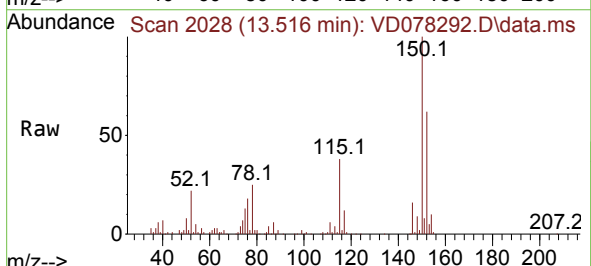
Tgt Ion:152 Resp: 90539

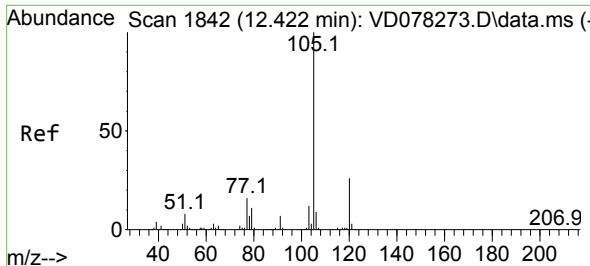
Ion Ratio Lower Upper

152 100

115 57.6 27.1 81.3

150 175.6 0.0 353.6

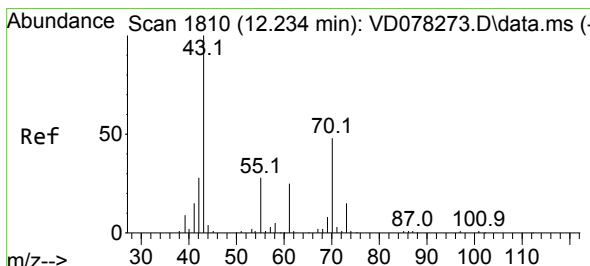
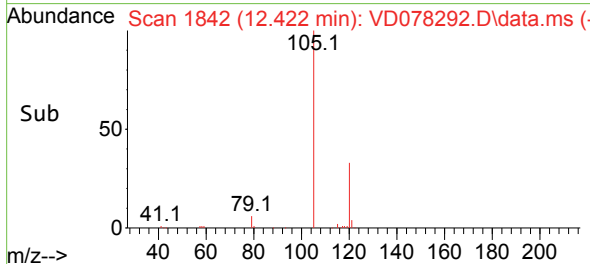
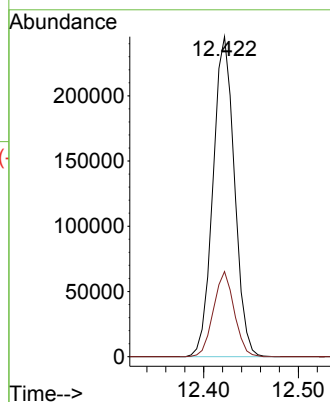
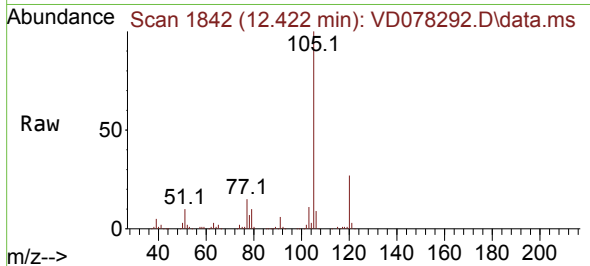




#73
Isopropylbenzene
Concen: 50.273 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

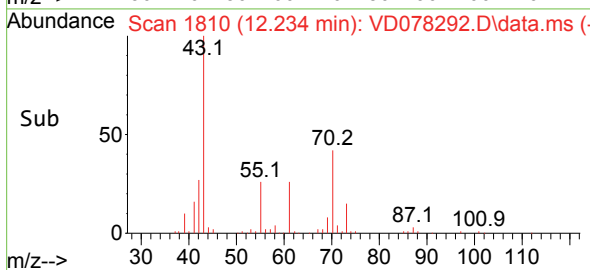
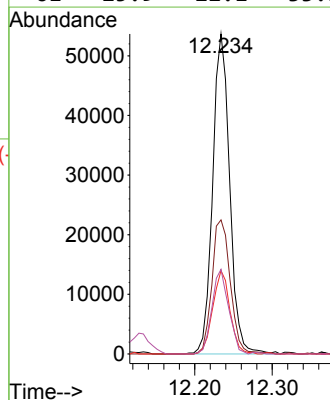
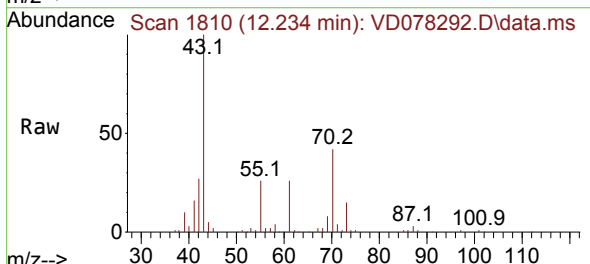
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

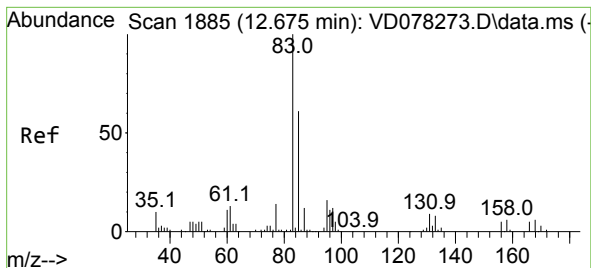
Tgt Ion:105 Resp: 385108
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9



#74
N-ethyl acetate
Concen: 51.903 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 43 Resp: 82231
Ion Ratio Lower Upper
43 100
70 45.2 45.0 67.4
55 26.3 23.8 35.6
61 25.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.755 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

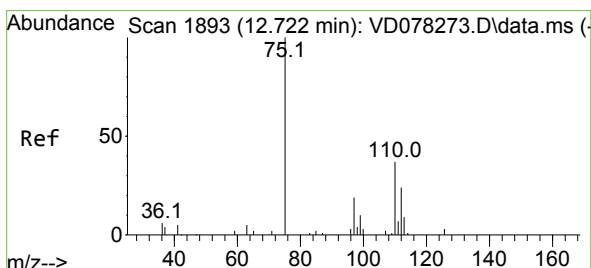
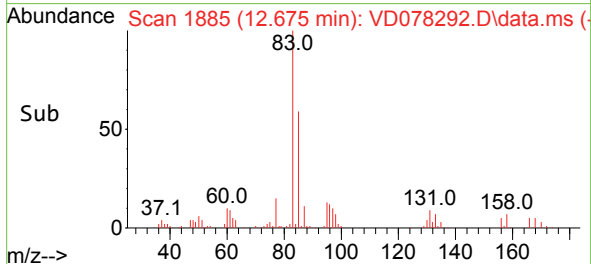
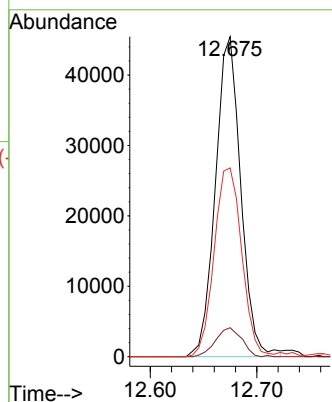
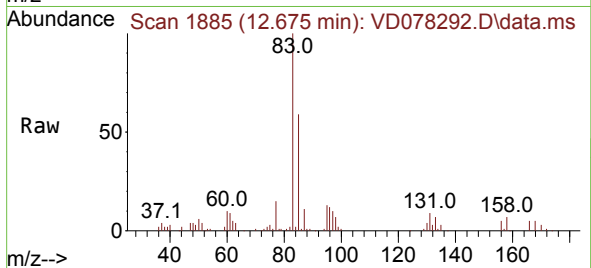
Tgt Ion: 83 Resp: 75084

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 64.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 94.096 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078292.D

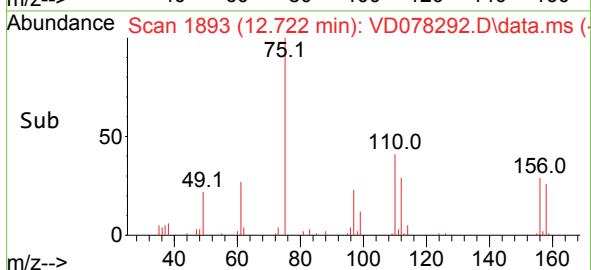
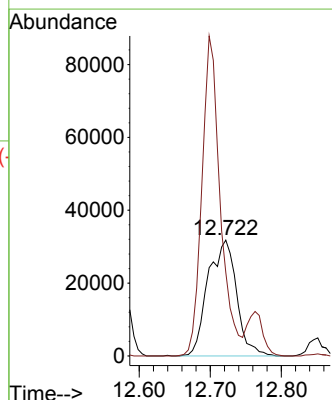
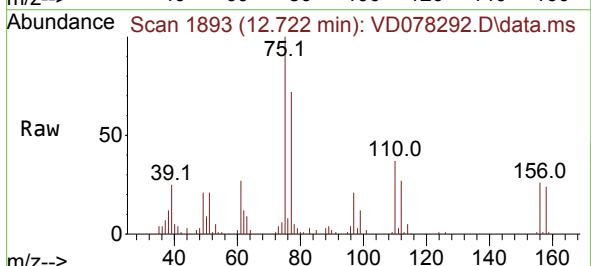
Acq: 31 Jan 2024 14:33

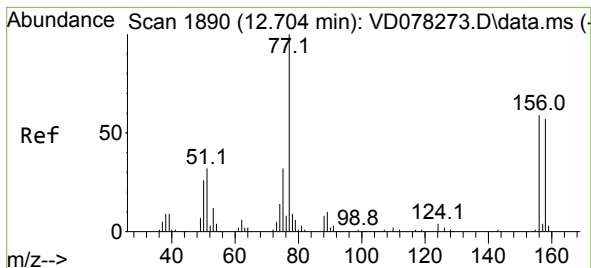
Tgt Ion: 75 Resp: 89043

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.132 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

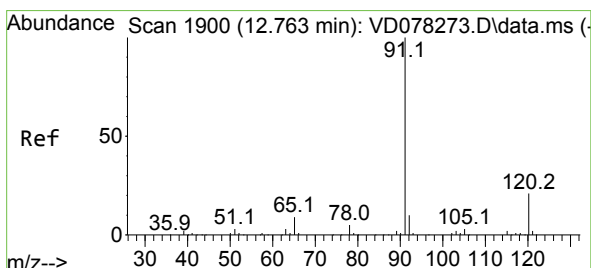
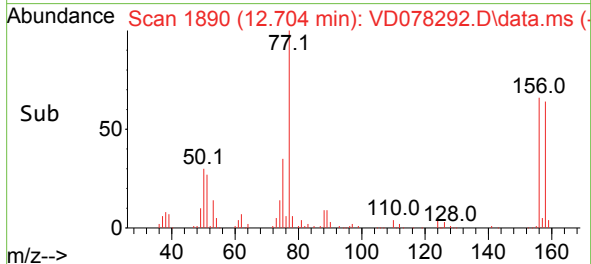
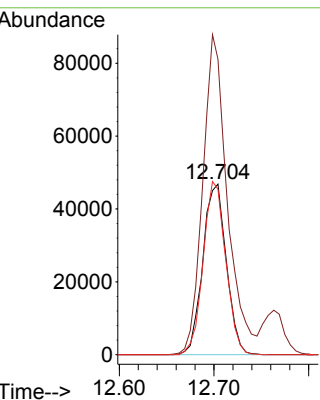
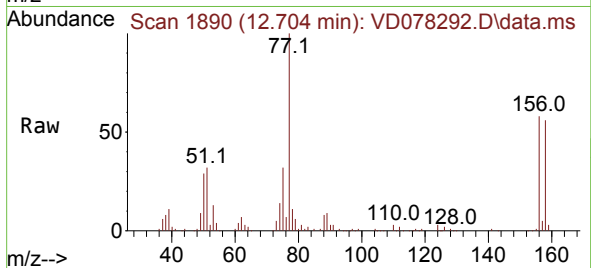
Tgt Ion:156 Resp: 81138

Ion Ratio Lower Upper

156 100

77 195.9 76.8 230.4

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 50.837 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078292.D

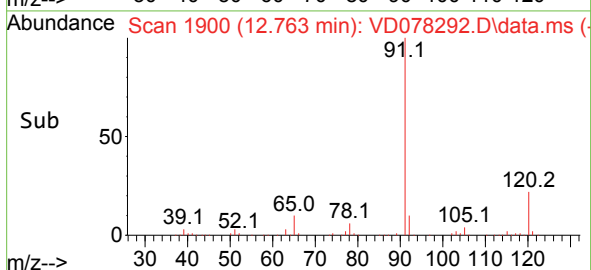
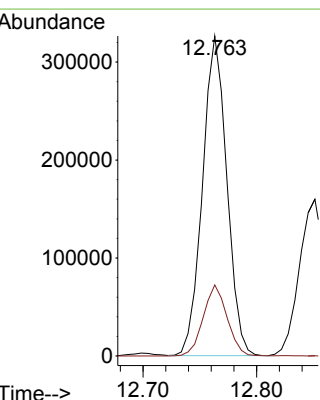
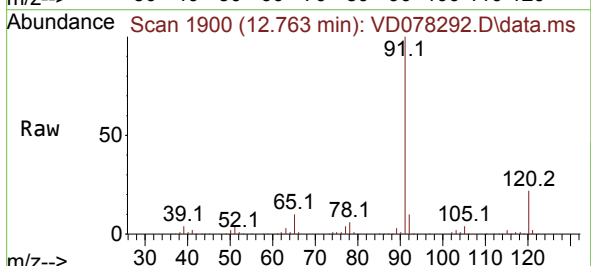
Acq: 31 Jan 2024 14:33

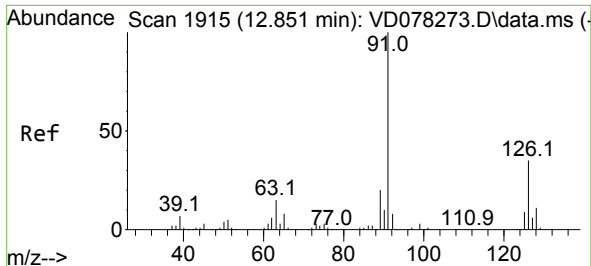
Tgt Ion: 91 Resp: 485109

Ion Ratio Lower Upper

91 100

120 21.8 12.4 37.2

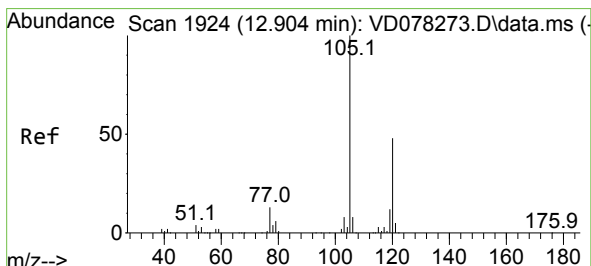
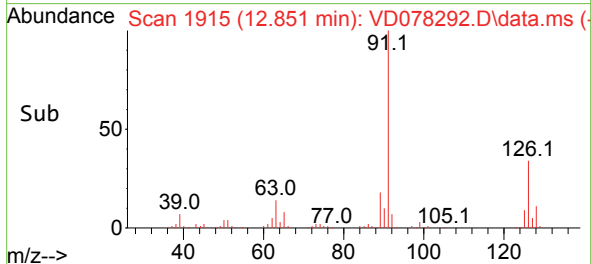
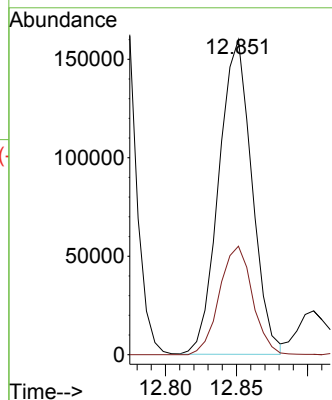
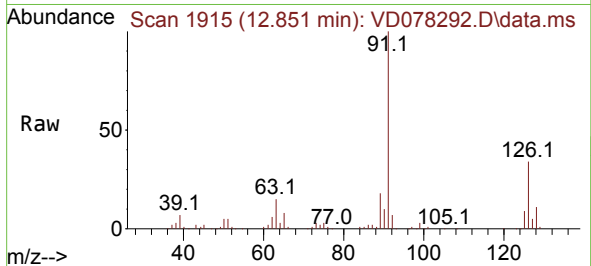




#79
2-Chlorotoluene
Concen: 50.699 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

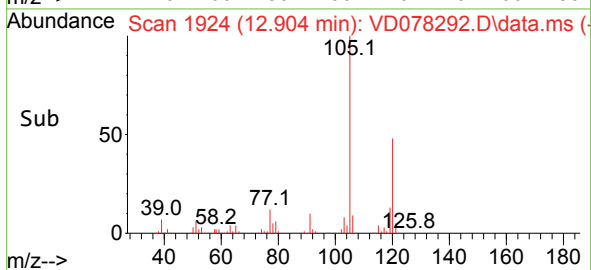
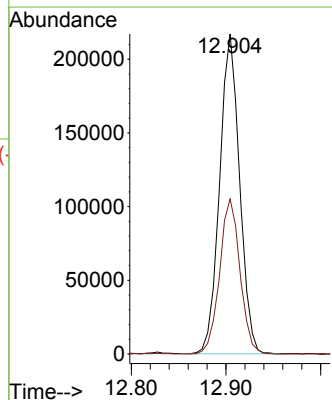
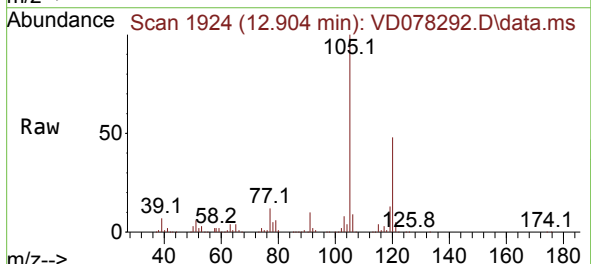
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

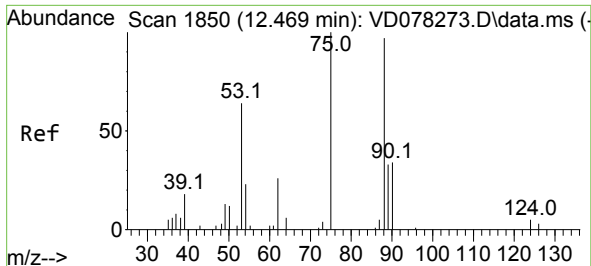
Tgt Ion: 91 Resp: 258983
Ion Ratio Lower Upper
91 100
126 34.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.039 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 105 Resp: 318068
Ion Ratio Lower Upper
105 100
120 49.4 26.4 79.2

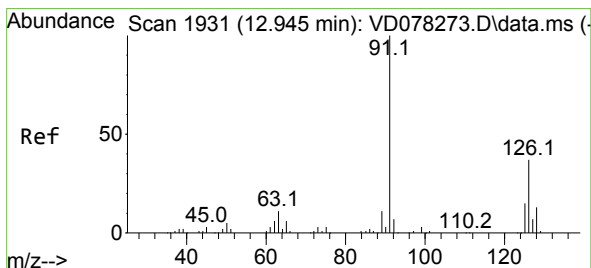
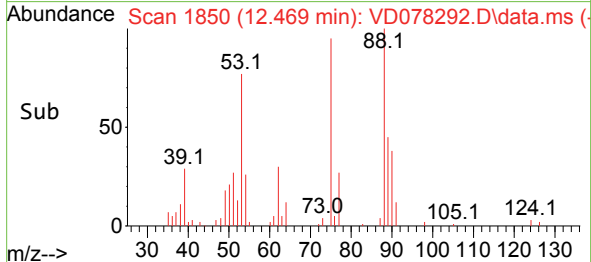
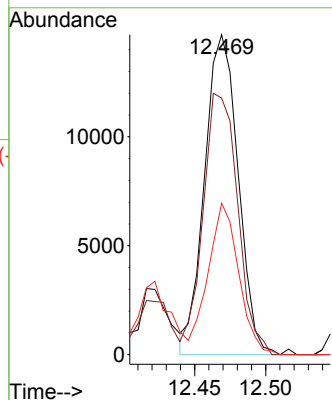
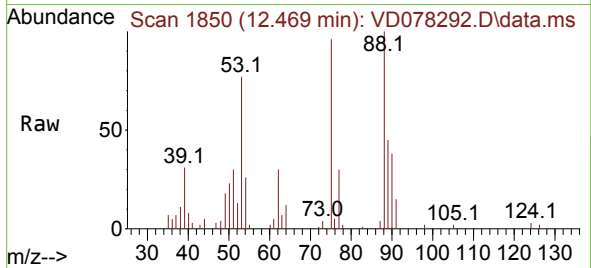




#81
trans-1,4-Dichloro-2-butene
Concen: 50.713 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

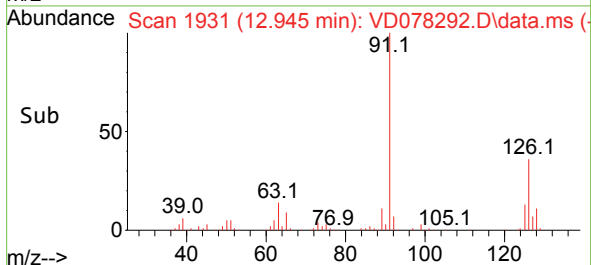
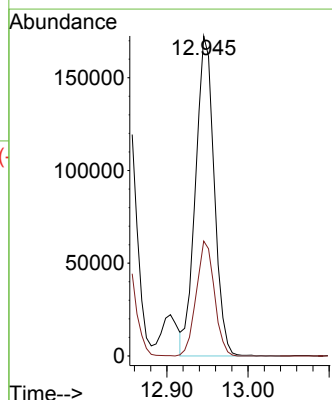
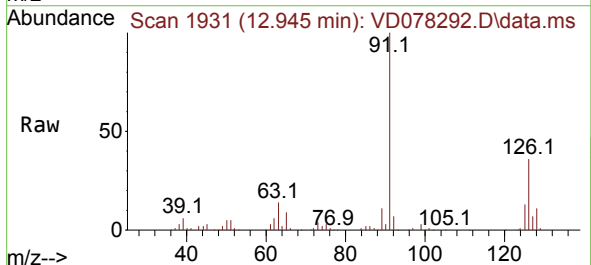
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

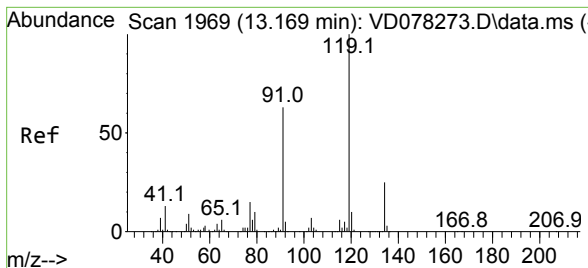
Tgt Ion: 75 Resp: 24130
Ion Ratio Lower Upper
75 100
53 84.5 63.0 94.4
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.576 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 91 Resp: 275428
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 50.321 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

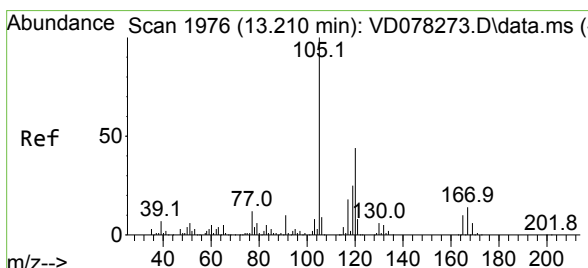
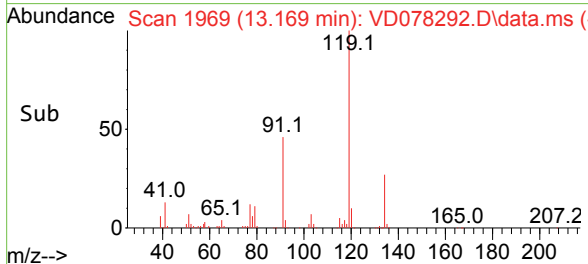
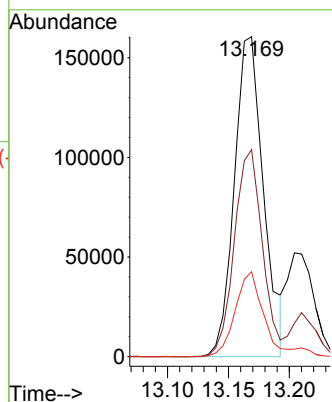
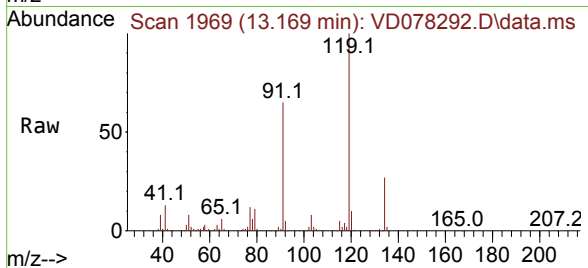
Tgt Ion:119 Resp: 267582

Ion Ratio Lower Upper

119 100

91 62.3 29.3 87.8

134 27.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.447 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078292.D

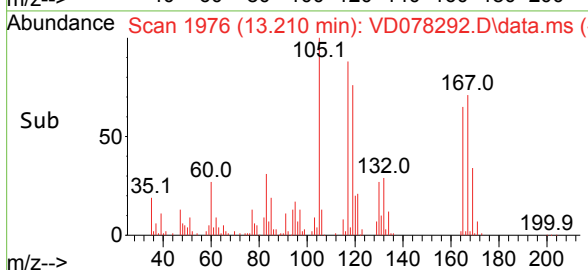
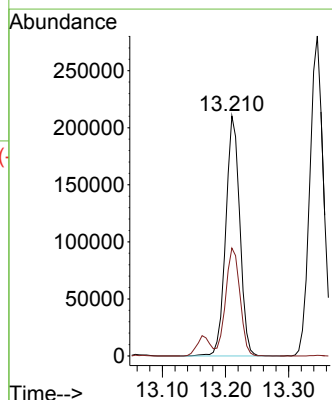
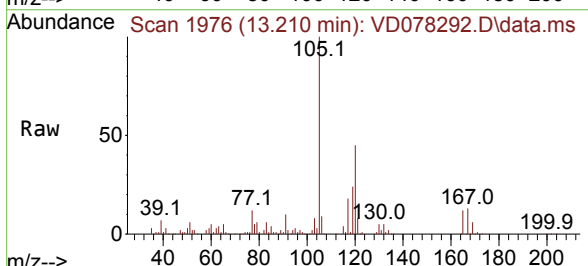
Acq: 31 Jan 2024 14:33

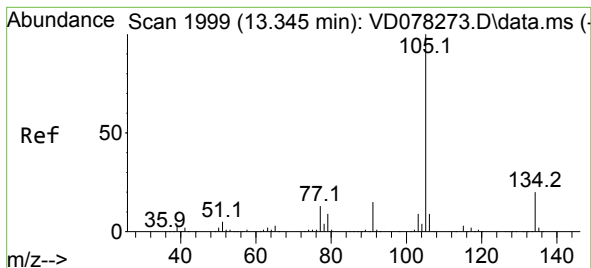
Tgt Ion:105 Resp: 324376

Ion Ratio Lower Upper

105 100

120 46.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 50.291 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

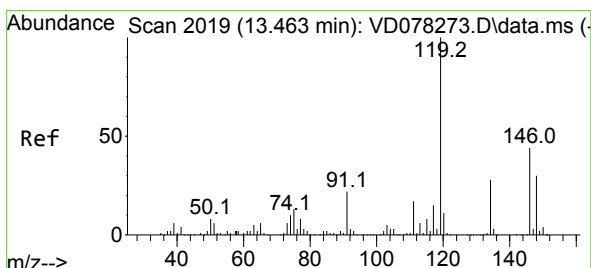
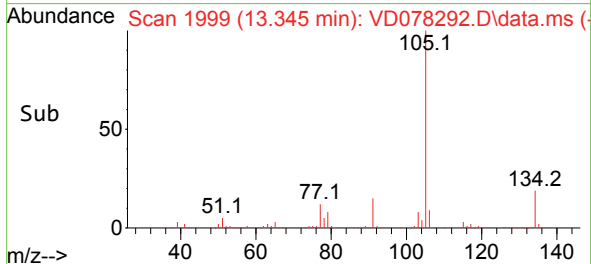
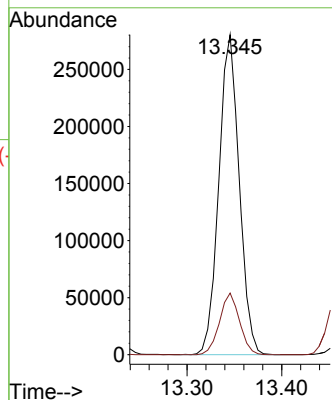
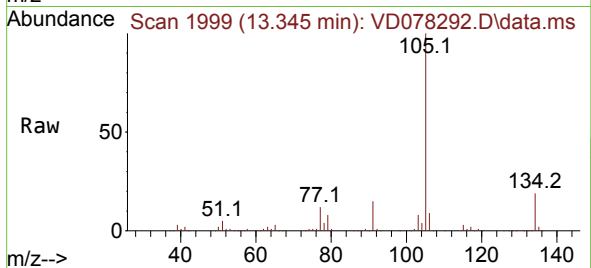
VSTDCCC050EC

Tgt Ion:105 Resp: 419707

Ion Ratio Lower Upper

105 100

134 18.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 51.148 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

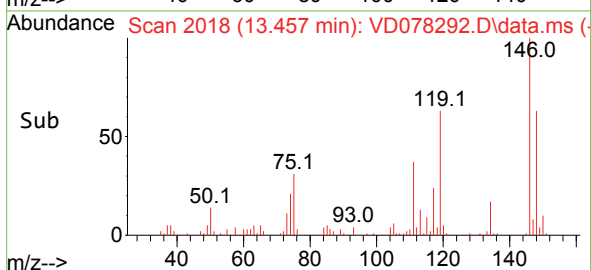
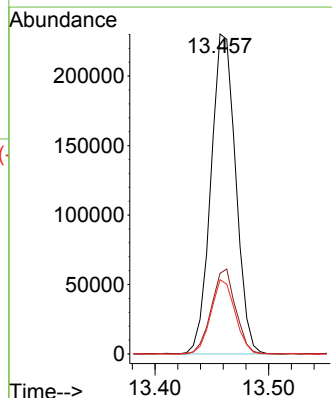
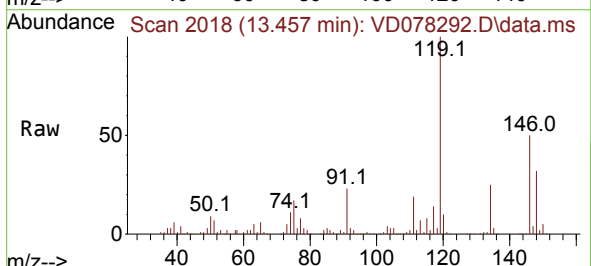
Tgt Ion:119 Resp: 349620

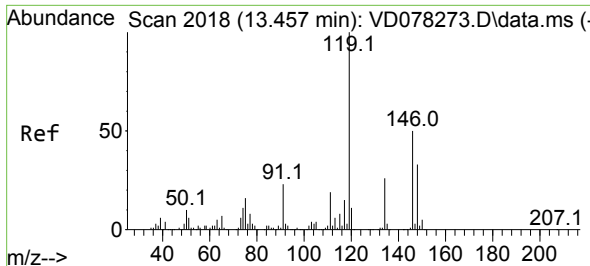
Ion Ratio Lower Upper

119 100

134 25.9 14.2 42.6

91 22.7 10.5 31.5

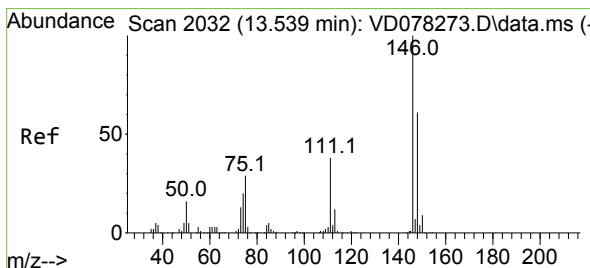
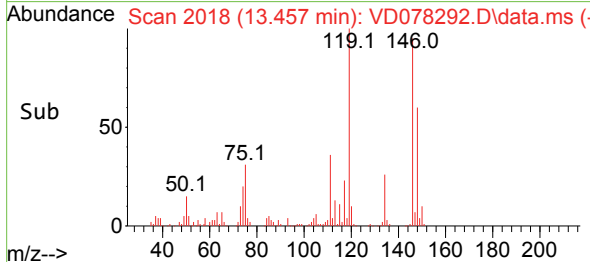
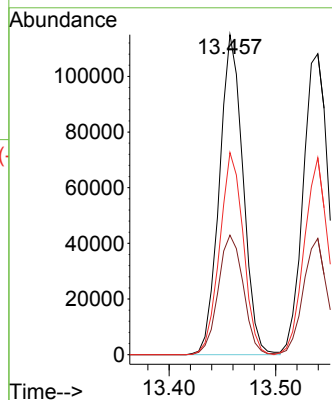
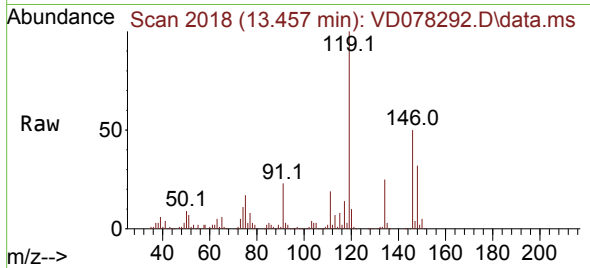




#87
1,3-Dichlorobenzene
Concen: 50.715 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

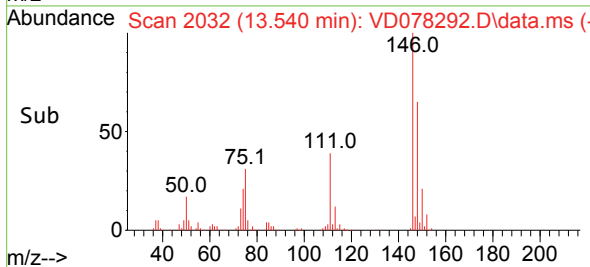
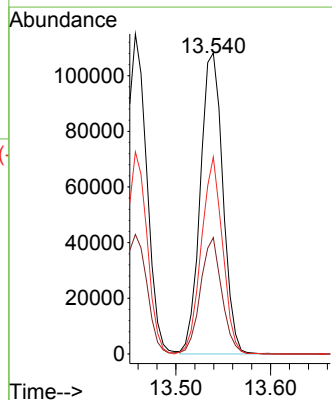
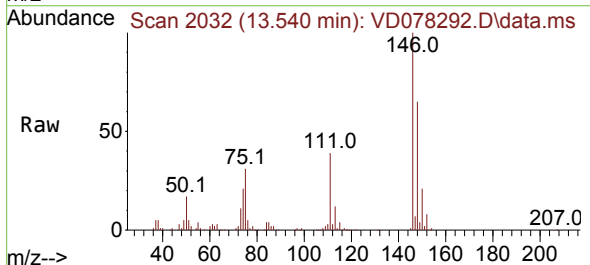
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

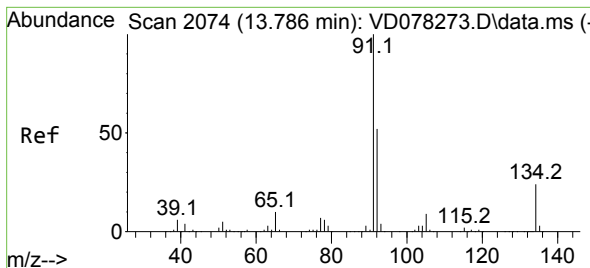
Tgt Ion:146 Resp: 177611
Ion Ratio Lower Upper
146 100
111 39.5 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 51.485 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion:146 Resp: 178394
Ion Ratio Lower Upper
146 100
111 36.8 17.4 52.3
148 61.6 31.7 95.1

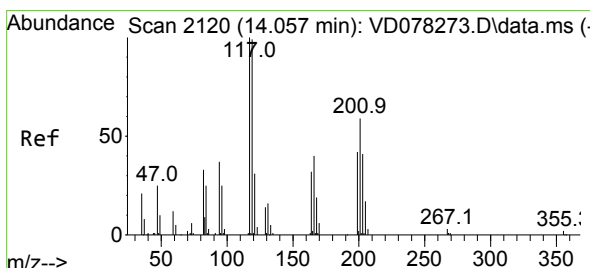
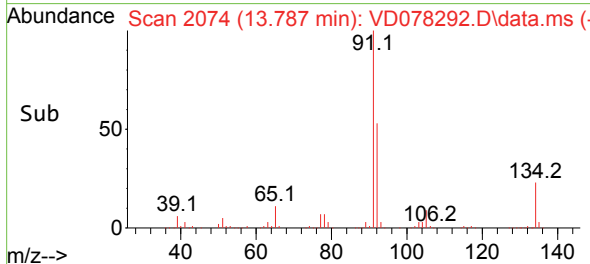
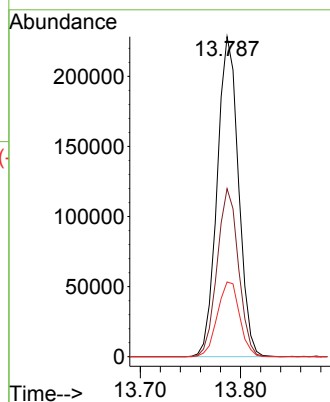
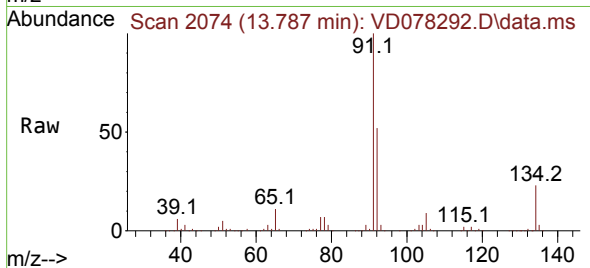




#89
n-Butylbenzene
Concen: 50.488 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

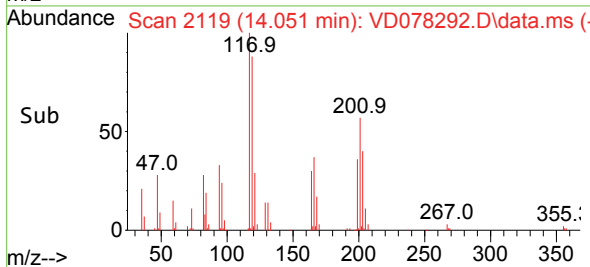
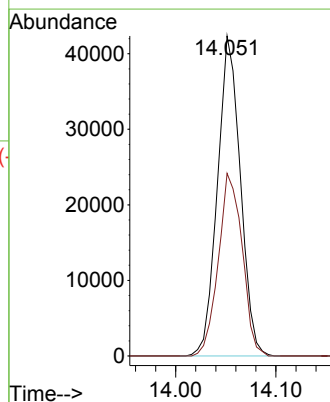
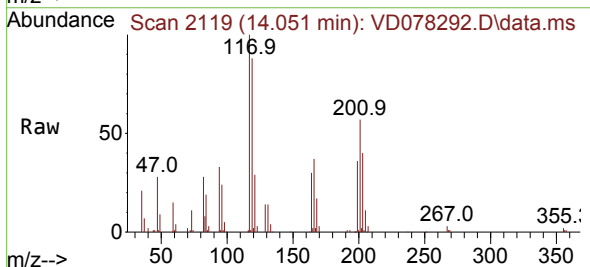
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

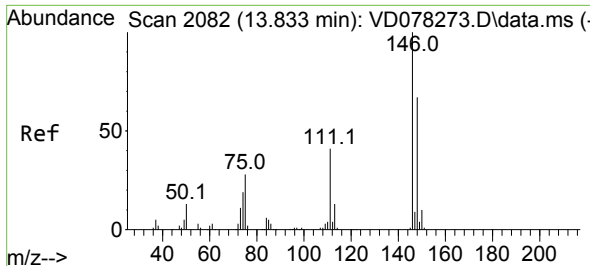
Tgt Ion: 91 Resp: 336292
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 24.4 13.8 41.3



#90
Hexachloroethane
Concen: 49.210 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 117 Resp: 67186
Ion Ratio Lower Upper
117 100
201 59.3 38.5 115.5

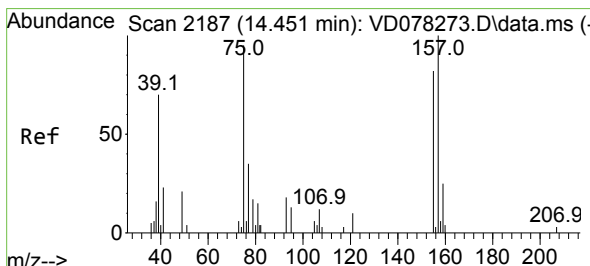
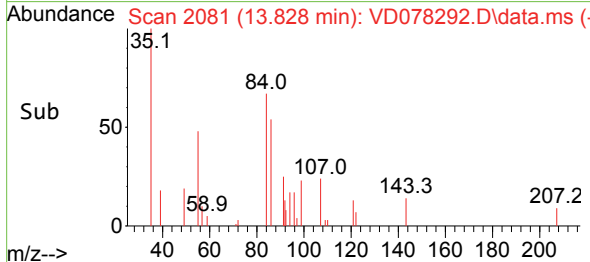
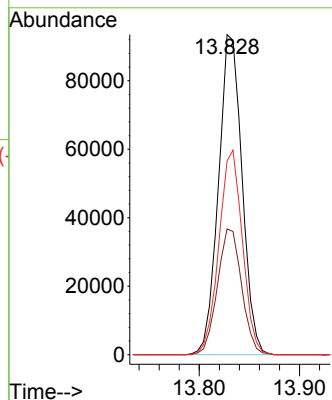
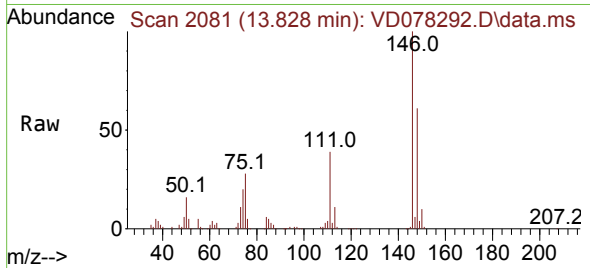




#91
1,2-Dichlorobenzene
Concen: 50.915 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

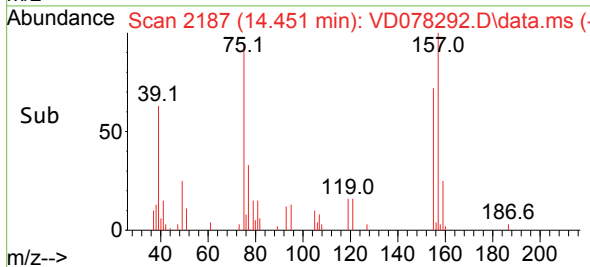
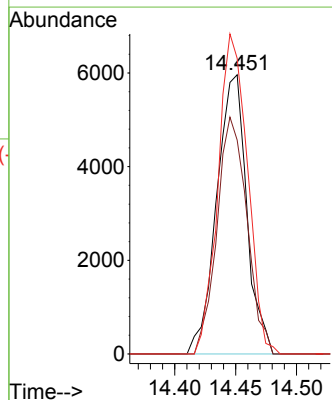
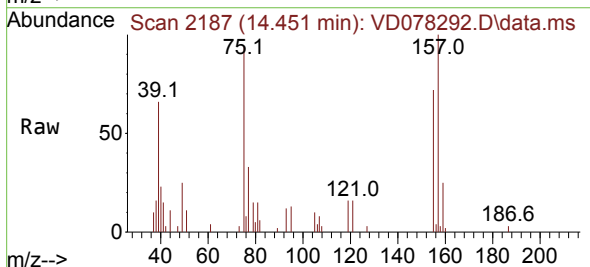
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

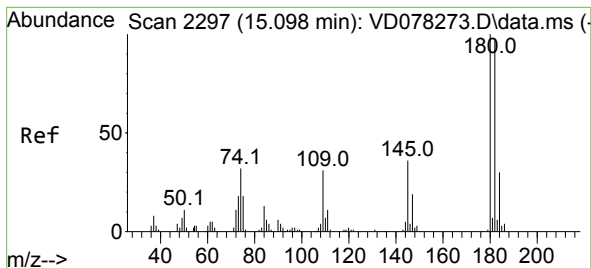
Tgt Ion:146 Resp: 152544
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.302 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion: 75 Resp: 10224
Ion Ratio Lower Upper
75 100
155 84.7 47.9 143.8
157 112.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.208 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

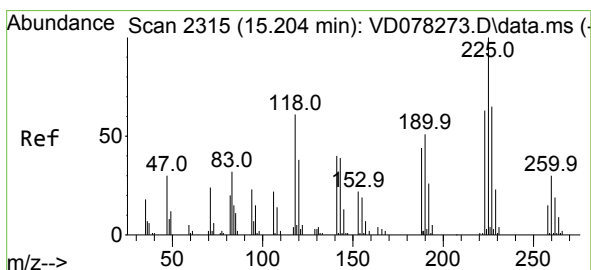
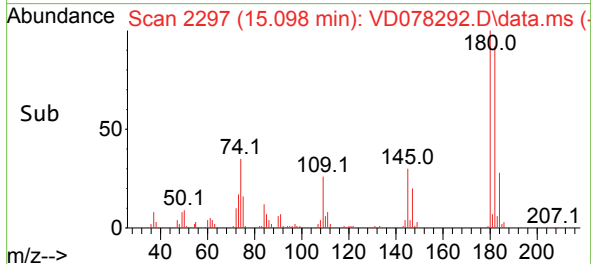
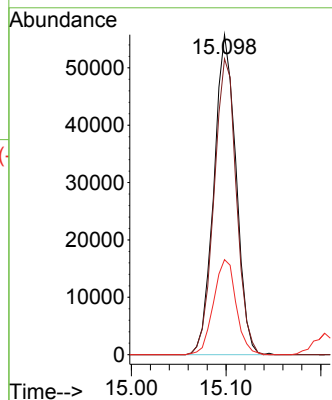
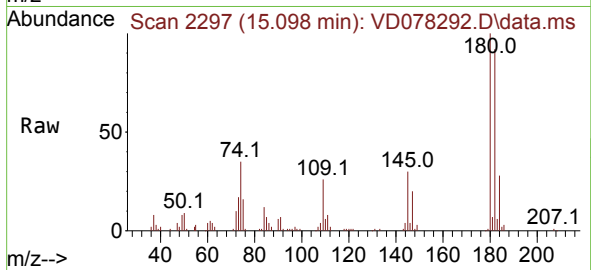
Tgt Ion:180 Resp: 90476

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.176 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078292.D

Acq: 31 Jan 2024 14:33

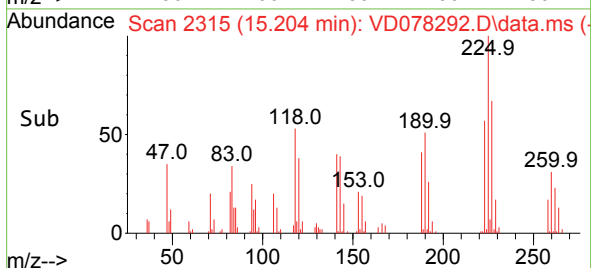
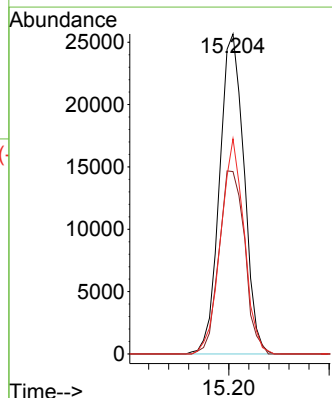
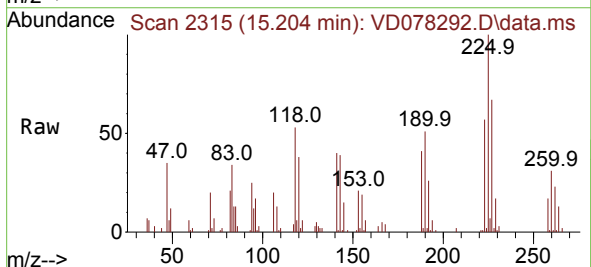
Tgt Ion:225 Resp: 43458

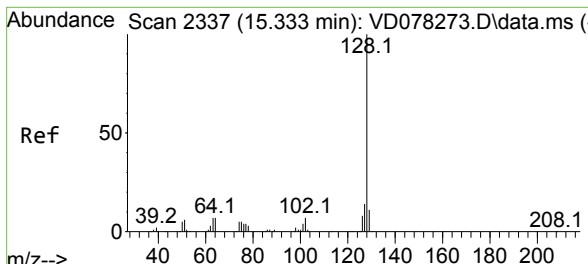
Ion Ratio Lower Upper

225 100

223 60.2 31.6 94.8

227 64.4 31.7 95.1

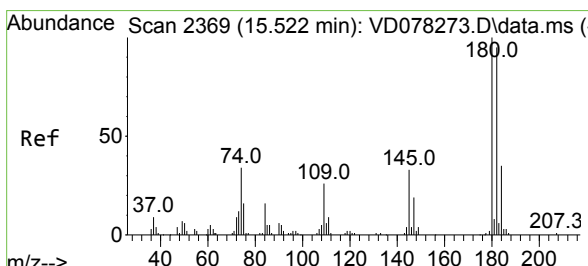
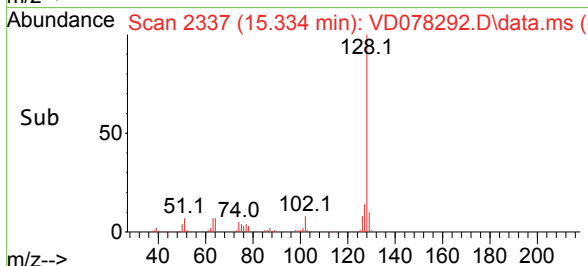
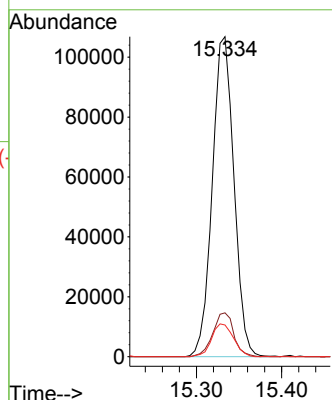
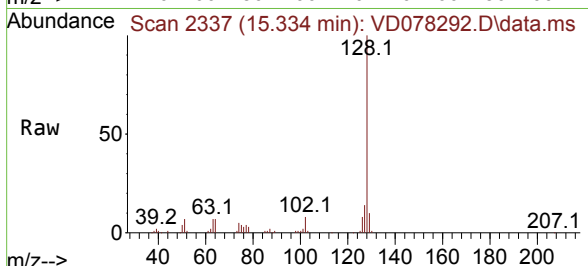




#95
Naphthalene
Concen: 54.582 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	188597
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.5	15.7
129	9.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.800 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078292.D
Acq: 31 Jan 2024 14:33

Tgt Ion:	180	Resp:	79041
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	141.9
145	32.4	15.1	45.3

