

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078215.D
 Acq On : 23 Jan 2024 18:23
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 24 00:24:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	117337	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	223865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68048	50.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.600%	
35) Dibromofluoromethane	7.810	113	71113	48.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.540%	
50) Toluene-d8	10.269	98	281820	48.308	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.620%	
62) 4-Bromofluorobenzene	12.575	95	84077	49.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	51862	44.656	ug/l	91
3) Chloromethane	2.152	50	96726	50.919	ug/l	97
4) Vinyl Chloride	2.287	62	123178	44.270	ug/l	94
5) Bromomethane	2.699	94	92331	45.471	ug/l	99
6) Chloroethane	2.840	64	90622	46.626	ug/l	97
7) Trichlorofluoromethane	3.181	101	109965	43.449	ug/l	96
8) Diethyl Ether	3.599	74	37034	52.786	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	67530	46.069	ug/l	94
10) Methyl Iodide	4.169	142	77572	52.792	ug/l	# 90
11) Tert butyl alcohol	5.040	59	14886	225.733	ug/l	100
12) 1,1-Dichloroethene	3.952	96	68751	47.347	ug/l	# 77
13) Acrolein	3.805	56	37710	249.099	ug/l	99
14) Allyl chloride	4.569	41	95653	49.940	ug/l	88
15) Acrylonitrile	5.257	53	81828	259.914	ug/l	99
16) Acetone	4.022	43	72586	219.443	ug/l	88
17) Carbon Disulfide	4.281	76	220038	46.732	ug/l	100
18) Methyl Acetate	4.569	43	62271	54.034	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	155208	51.257	ug/l	92
20) Methylene Chloride	4.805	84	88330	54.784	ug/l	# 85
21) trans-1,2-Dichloroethene	5.322	96	83173	49.568	ug/l	88
22) Diisopropyl ether	6.216	45	222969	55.013	ug/l	92
23) Vinyl Acetate	6.163	43	440647	220.671	ug/l	# 91
24) 1,1-Dichloroethane	6.122	63	147004	52.491	ug/l	95
25) 2-Butanone	7.081	43	99667	235.548	ug/l	# 80
26) 2,2-Dichloropropane	7.081	77	113548	48.400	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	95578	53.027	ug/l	90
28) Bromochloromethane	7.428	49	60042	54.969	ug/l	# 74
29) Tetrahydrofuran	7.440	42	57946	262.214	ug/l	# 86
30) Chloroform	7.598	83	153659	53.950	ug/l	96
31) Cyclohexane	7.881	56	113049	45.645	ug/l	88
32) 1,1,1-Trichloroethane	7.798	97	121880	49.538	ug/l	99
36) 1,1-Dichloropropene	8.010	75	113264	46.749	ug/l	96
37) Ethyl Acetate	7.175	43	41910	46.465	ug/l	# 73
38) Carbon Tetrachloride	7.998	117	108502	45.344	ug/l	93
39) Methylcyclohexane	9.275	83	131021	45.727	ug/l	96
40) Benzene	8.251	78	349751	50.869	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	24242	48.948	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	90578	50.633	ug/l	93
43) Isopropyl Acetate	8.363	43	80314	48.603	ug/l	90
44) Trichloroethene	9.034	130	82347	46.815	ug/l	84
45) 1,2-Dichloropropane	9.304	63	86016	50.417	ug/l	98
46) Dibromomethane	9.393	93	45917	49.008	ug/l #	86
47) Bromodichloromethane	9.587	83	117145	49.773	ug/l	95
48) Methyl methacrylate	9.381	41	47488	49.638	ug/l #	79
49) 1,4-Dioxane	9.387	88	8072	890.370	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	209462	241.221	ug/l	89
52) Toluene	10.334	92	213516	48.993	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	108721	50.071	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	132462	50.889	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	61399	48.974	ug/l	97
56) Ethyl methacrylate	10.598	69	52385	51.043	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	104937	48.943	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	156950	255.194	ug/l	92
59) 2-Hexanone	10.922	43	150987	213.975	ug/l	88
60) Dibromochloromethane	11.075	129	74082	50.119	ug/l	97
61) 1,2-Dibromoethane	11.181	107	57689	49.919	ug/l	98
64) Tetrachloroethene	10.810	164	62789	45.641	ug/l #	88
65) Chlorobenzene	11.610	112	224849	48.377	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	80269	48.327	ug/l	98
67) Ethyl Benzene	11.687	91	413078	48.839	ug/l	95
68) m/p-Xylenes	11.792	106	313686	97.107	ug/l	89
69) o-Xylene	12.122	106	145015	49.466	ug/l	89
70) Styrene	12.134	104	226034	51.454	ug/l	95
71) Bromoform	12.298	173	37940	46.126	ug/l #	98
73) Isopropylbenzene	12.422	105	384328	49.113	ug/l	95
74) N-amyl acetate	12.234	43	72044	48.120	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	68986	47.377	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	84842	88.880	ug/l #	100
77) Bromobenzene	12.704	156	83781	48.832	ug/l	84
78) n-propylbenzene	12.763	91	471268	48.556	ug/l	96
79) 2-Chlorotoluene	12.851	91	251699	48.596	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	324696	50.041	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	21415	48.324	ug/l	92
82) 4-Chlorotoluene	12.945	91	274310	50.243	ug/l	92
83) tert-Butylbenzene	13.169	119	270238	49.821	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	331062	50.449	ug/l	95
85) sec-Butylbenzene	13.345	105	400909	48.813	ug/l	94
86) p-Isopropyltoluene	13.457	119	354219	49.560	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	171460	48.268	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	170624	48.619	ug/l	97
89) n-Butylbenzene	13.786	91	344887	49.568	ug/l	96
90) Hexachloroethane	14.051	117	67678	48.272	ug/l	82
91) 1,2-Dichlorobenzene	13.833	146	145859	48.830	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9190	44.164	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	85254	46.172	ug/l	98
94) Hexachlorobutadiene	15.204	225	42601	47.745	ug/l	97
95) Naphthalene	15.327	128	163401	47.332	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	71162	45.936	ug/l	95

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QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

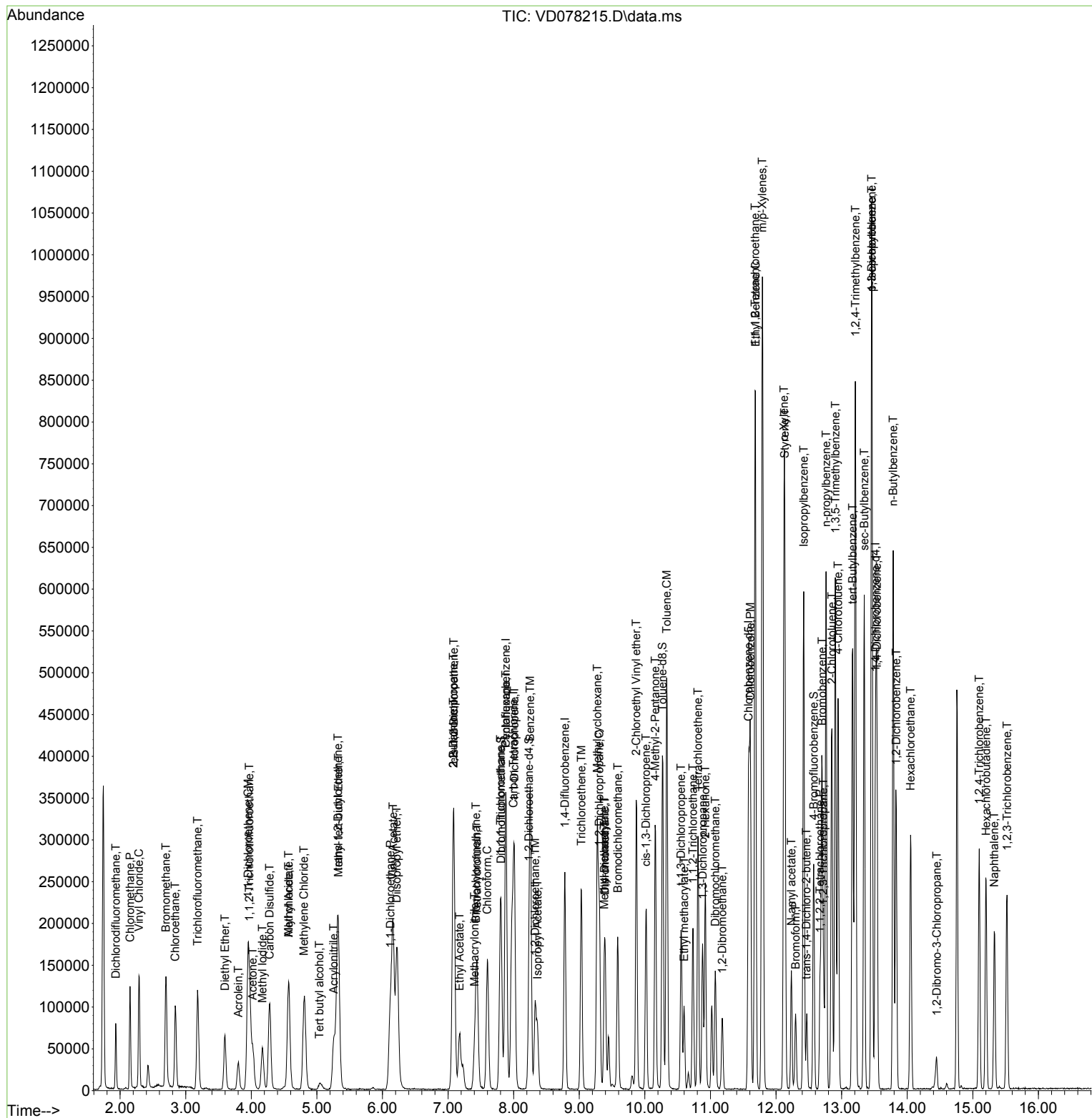
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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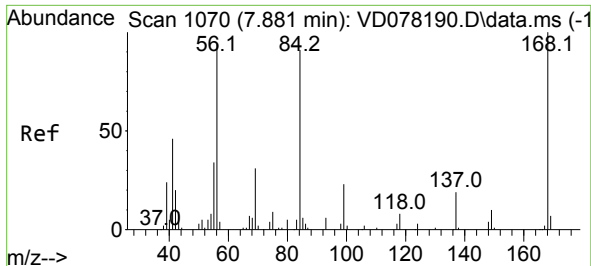
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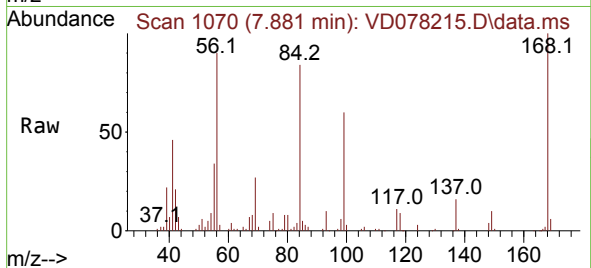
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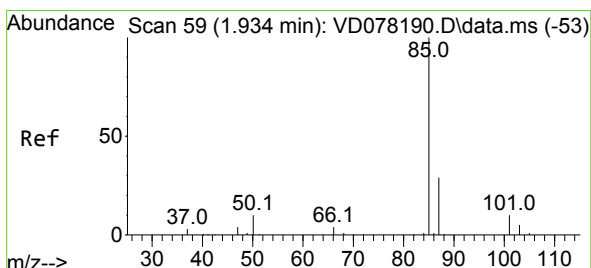
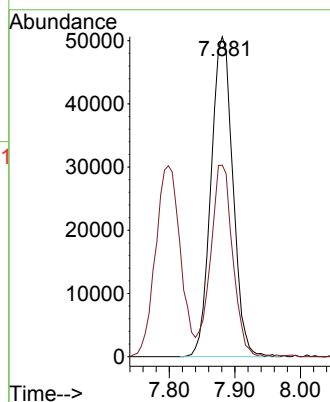
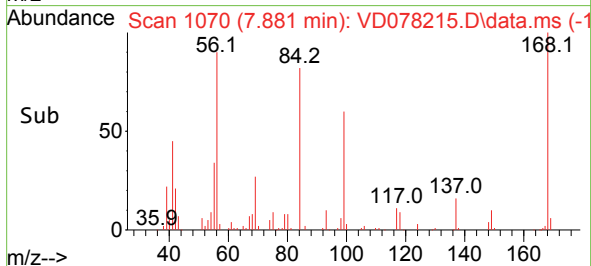


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. -0.000 min
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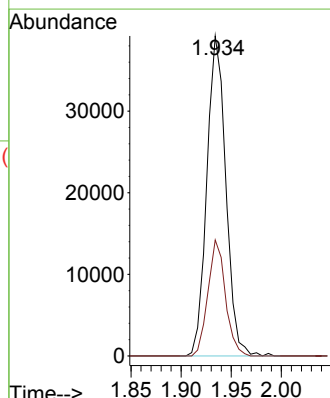
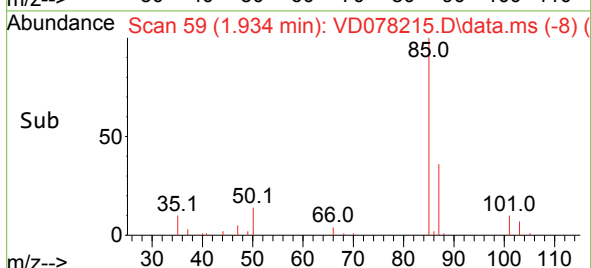
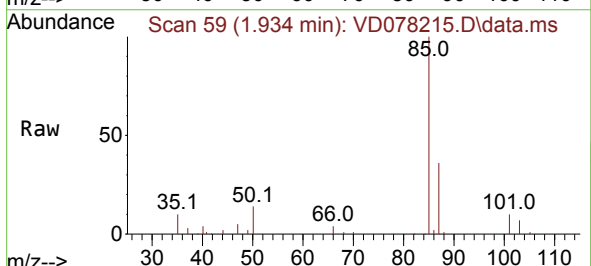


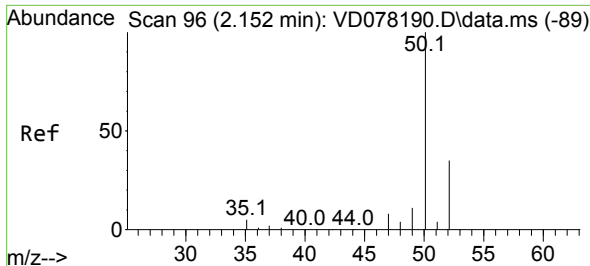
Tgt Ion:168 Resp: 117337
Ion Ratio Lower Upper
168 100
99 59.6 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 44.656 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 85 Resp: 51862
Ion Ratio Lower Upper
85 100
87 36.2 15.7 47.0

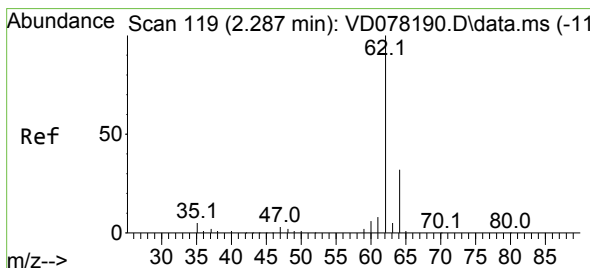
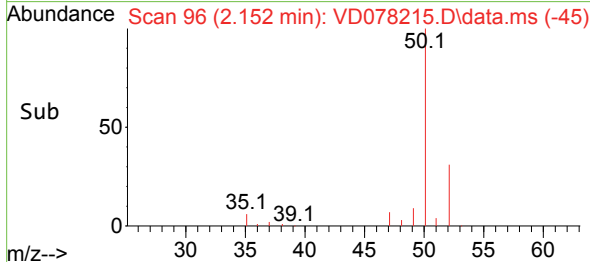
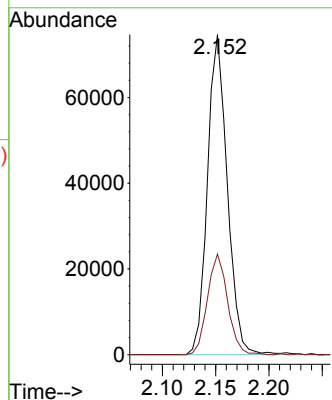
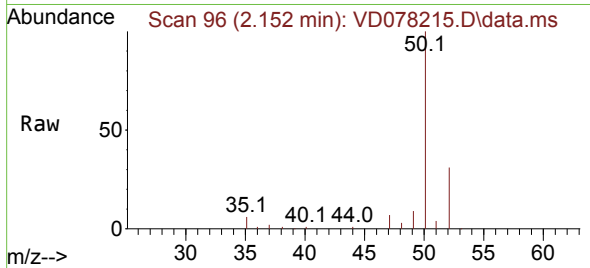




#3
Chloromethane
Concen: 50.919 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078215.D
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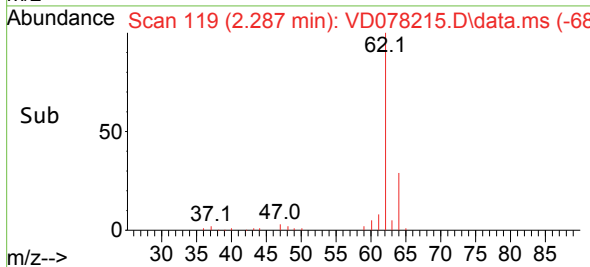
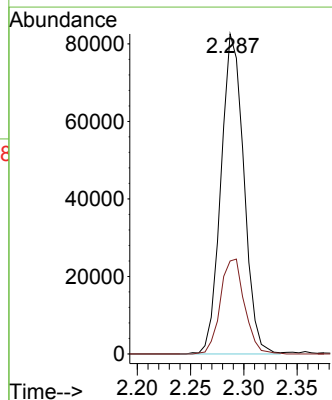
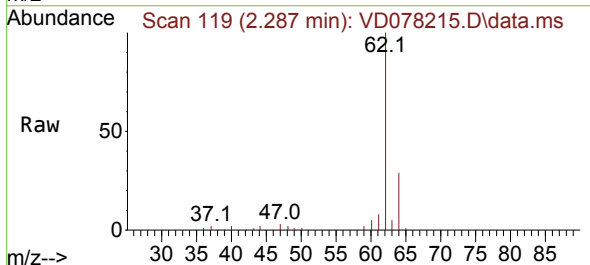
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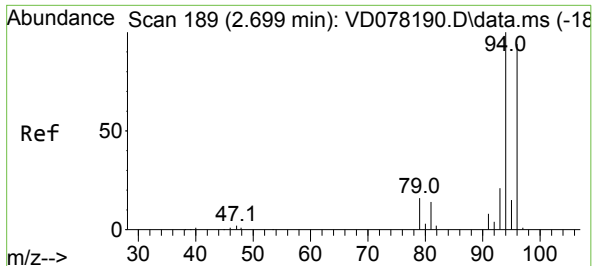
Tgt Ion: 50 Resp: 96726
Ion Ratio Lower Upper
50 100
52 31.4 26.6 40.0



#4
Vinyl Chloride
Concen: 44.270 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 62 Resp: 123178
Ion Ratio Lower Upper
62 100
64 29.1 26.0 39.0

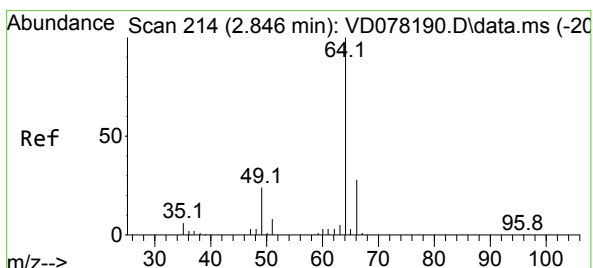
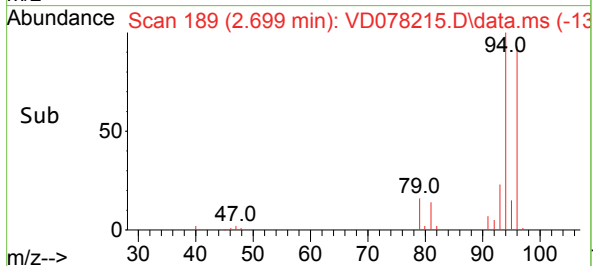
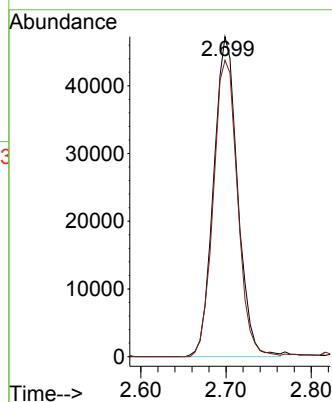
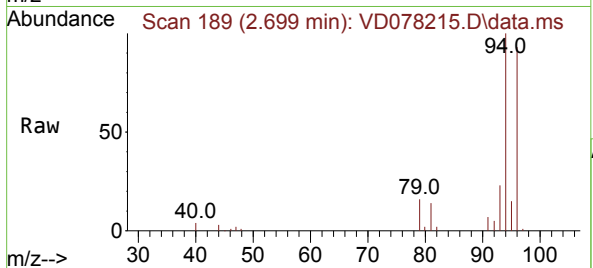




#5
Bromomethane
Concen: 45.471 ug/l
RT: 2.699 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078215.D
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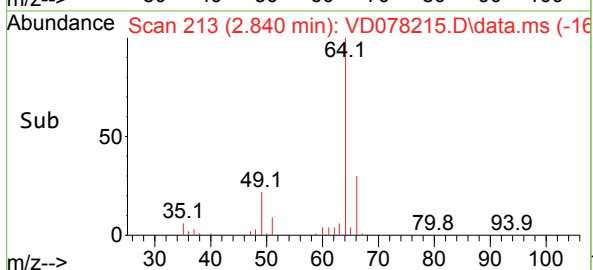
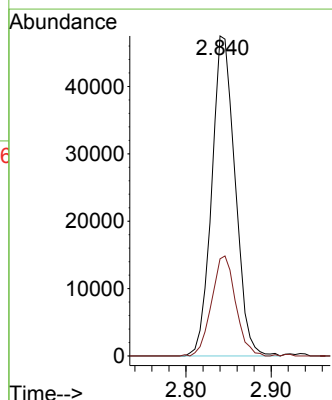
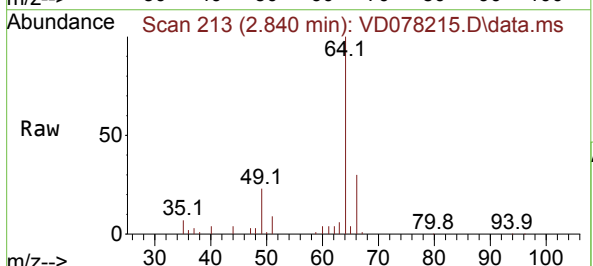
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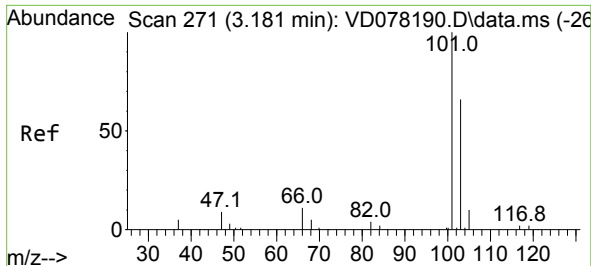
Tgt Ion: 94 Resp: 92331
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 46.626 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078215.D
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Tgt Ion: 64 Resp: 90622
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3

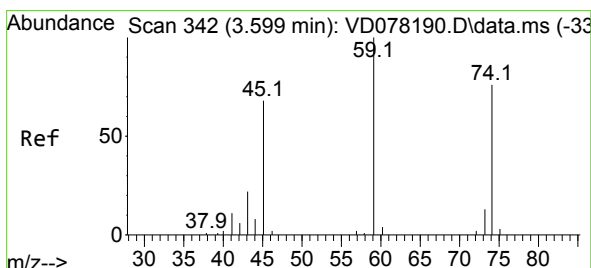
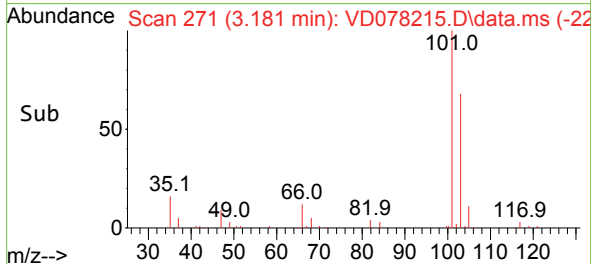
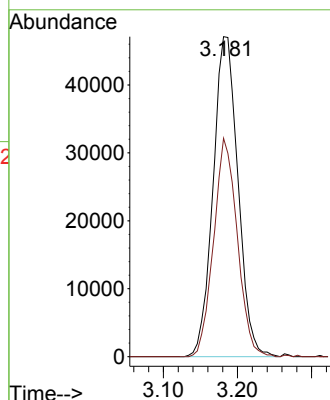
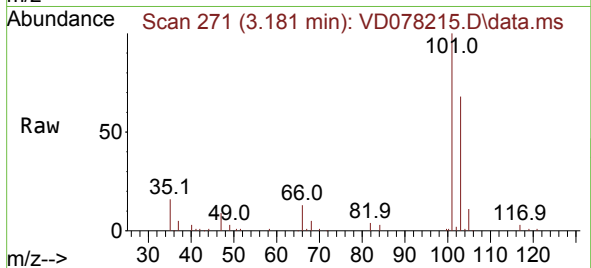




#7
 Trichlorofluoromethane
 Concen: 43.449 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

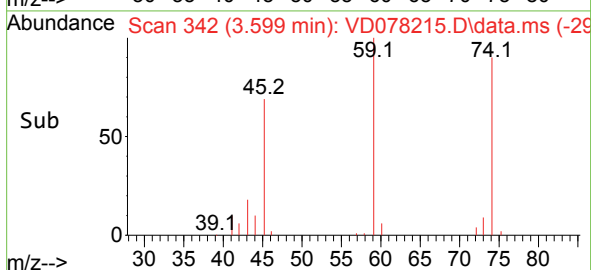
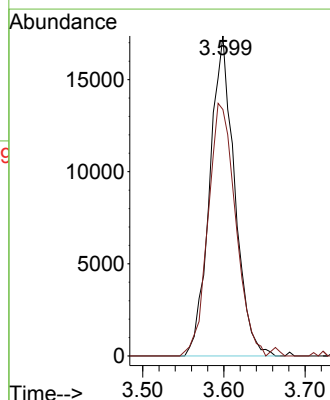
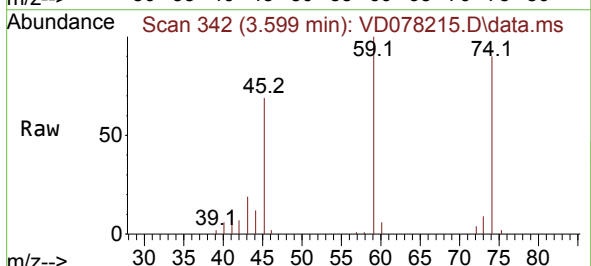
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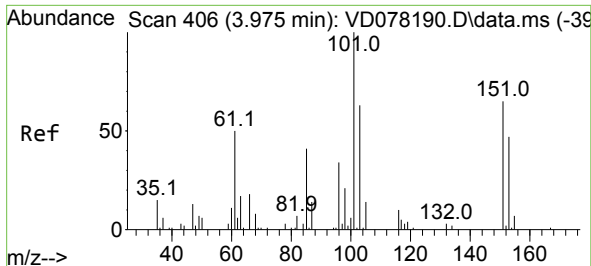
Tgt Ion:101 Resp: 109965
 Ion Ratio Lower Upper
 101 100
 103 68.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 52.786 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD078215.D
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Tgt Ion: 74 Resp: 37034
 Ion Ratio Lower Upper
 74 100
 45 87.3 37.5 112.7

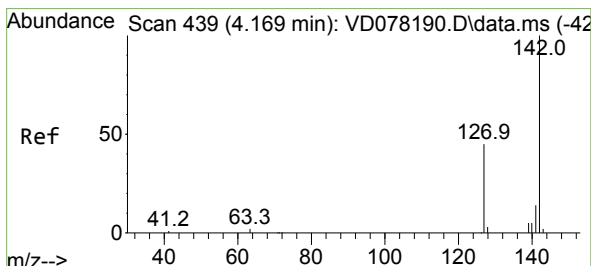
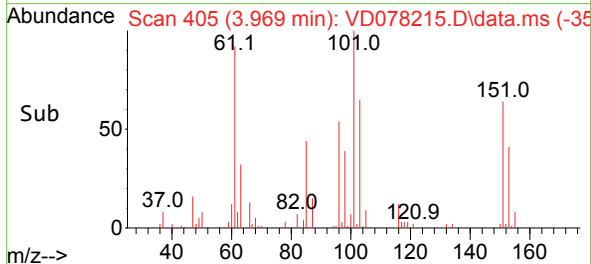
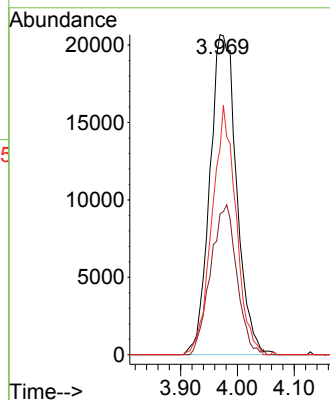
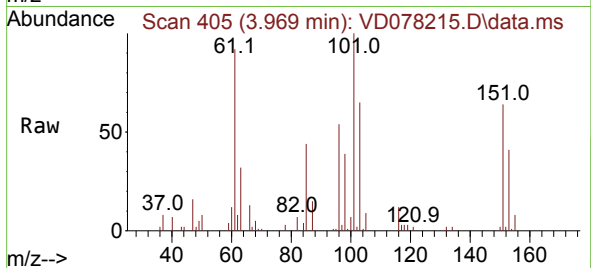




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.069 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

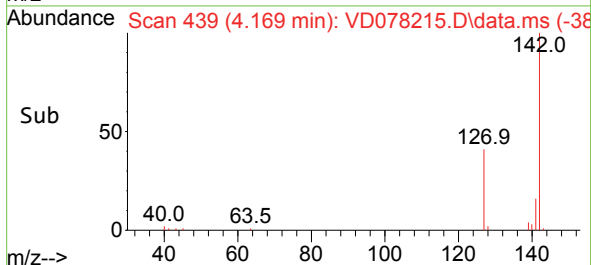
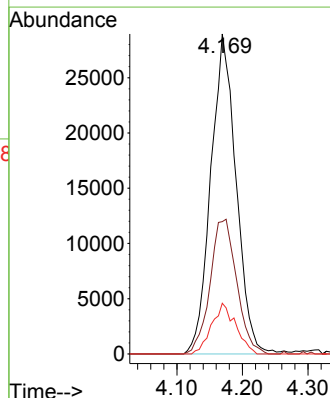
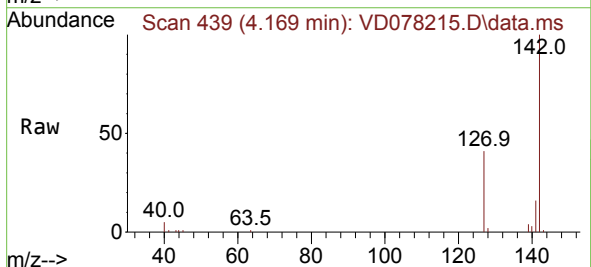
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

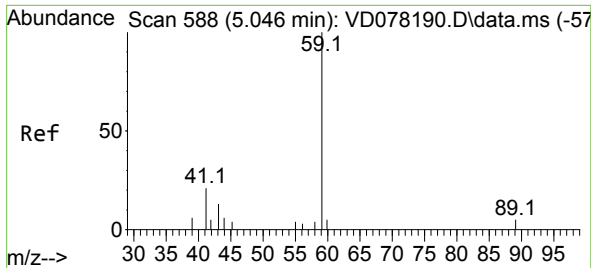
Tgt Ion:101 Resp: 67530
Ion Ratio Lower Upper
101 100
85 45.9 33.8 50.6
151 69.7 59.8 89.6



#10
Methyl Iodide
Concen: 52.792 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:142 Resp: 77572
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 15.1 11.1 16.7

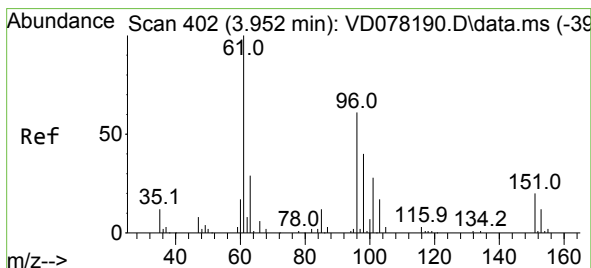
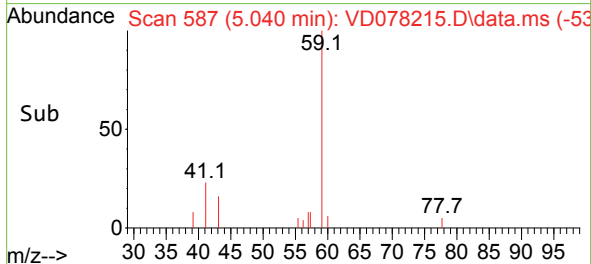
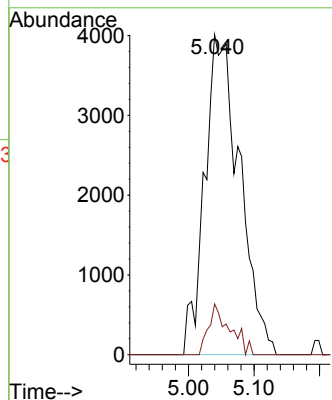
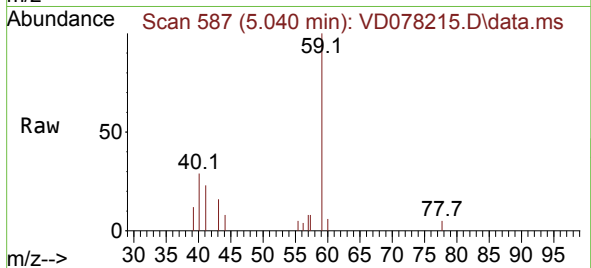




#11
Tert butyl alcohol
Concen: 225.733 ug/l
RT: 5.040 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

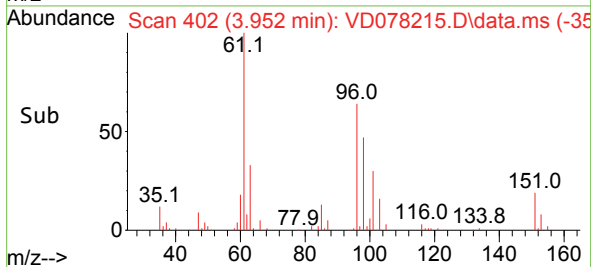
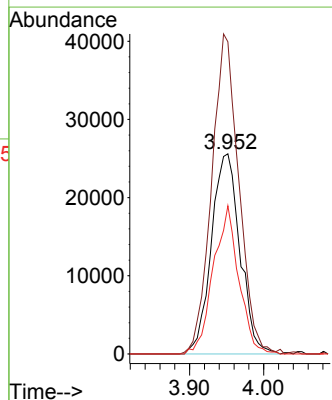
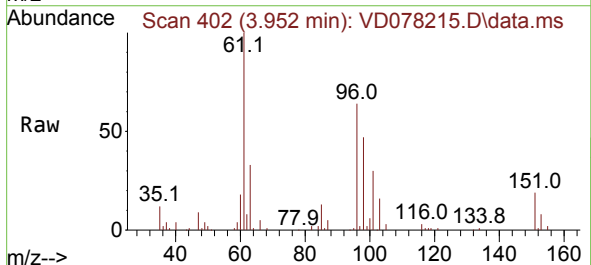
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

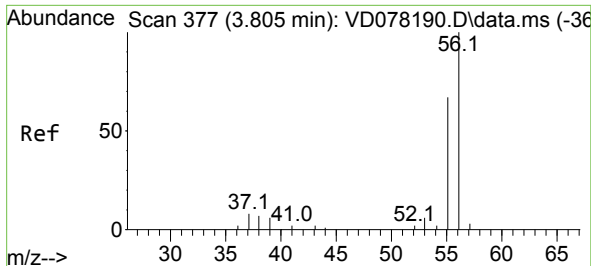
Tgt Ion: 59 Resp: 14886
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.347 ug/l
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 96 Resp: 68751
Ion Ratio Lower Upper
96 100
61 156.0 100.6 150.8#
98 74.0 50.2 75.2





#13

Acrolein

Concen: 249.099 ug/l

RT: 3.805 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

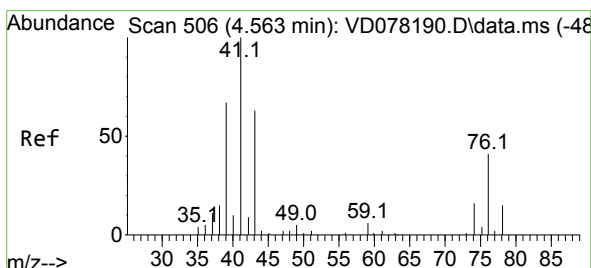
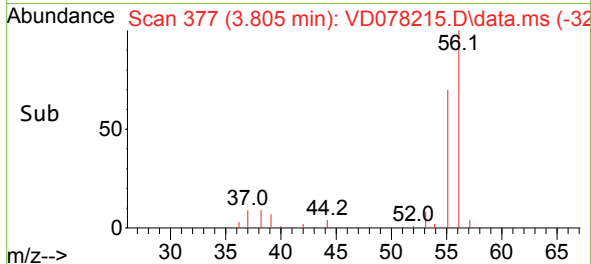
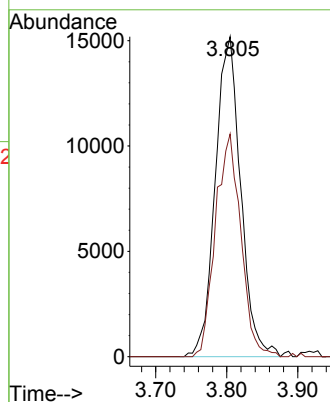
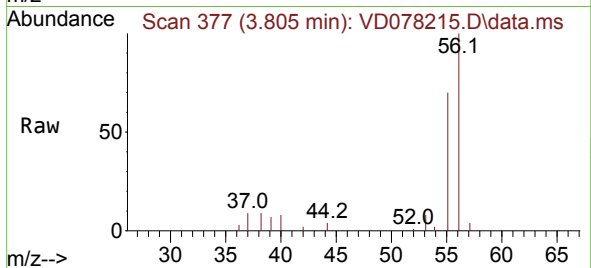
VSTDCCC050EC

Tgt Ion: 56 Resp: 37710

Ion Ratio Lower Upper

56 100

55 69.6 55.1 82.7



#14

Allyl chloride

Concen: 49.940 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

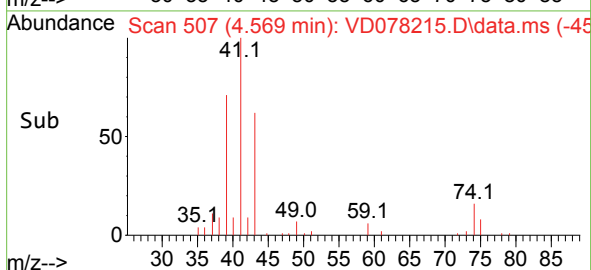
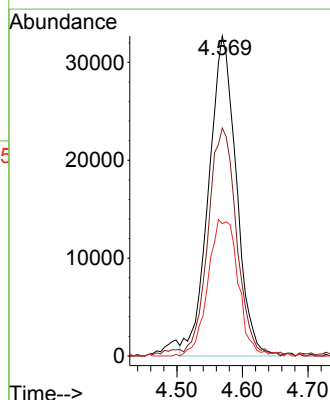
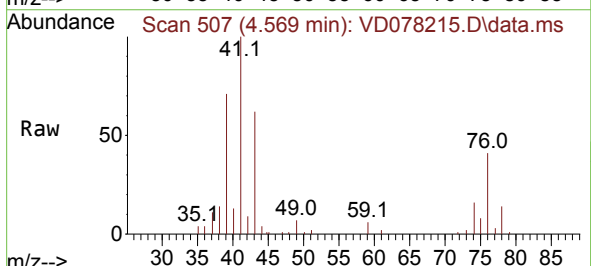
Tgt Ion: 41 Resp: 95653

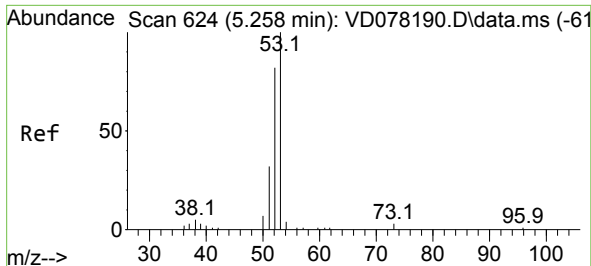
Ion Ratio Lower Upper

41 100

39 75.4 53.8 80.6

76 46.7 45.8 68.8

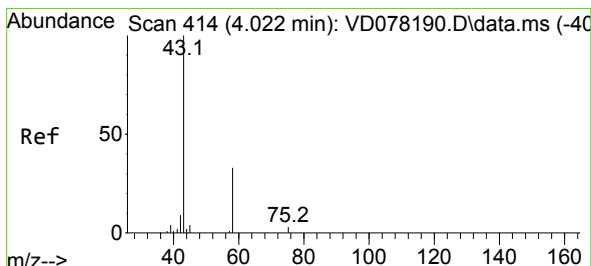
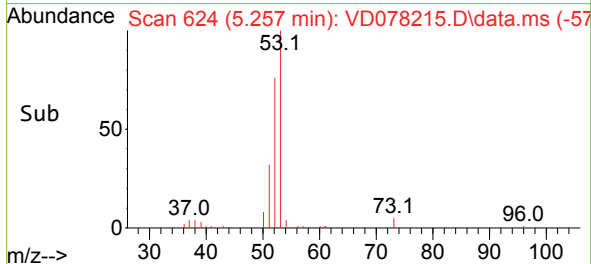
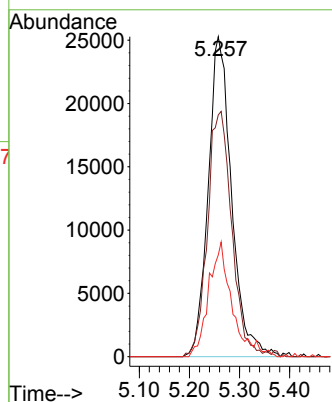
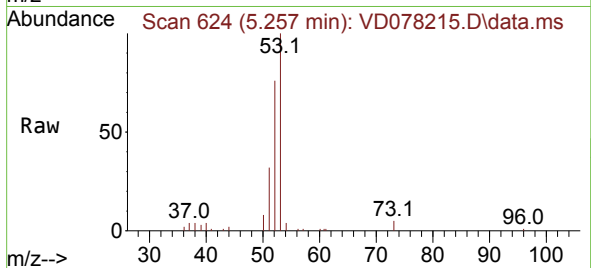




#15
Acrylonitrile
Concen: 259.914 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

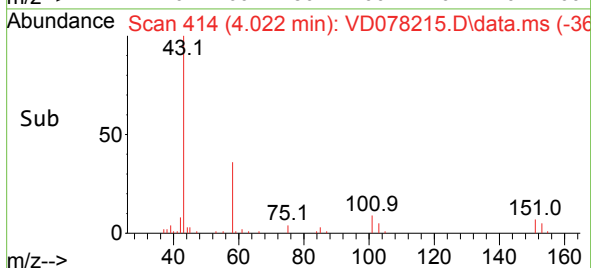
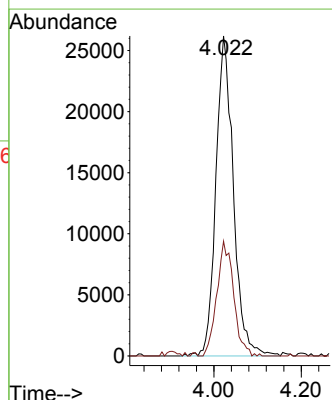
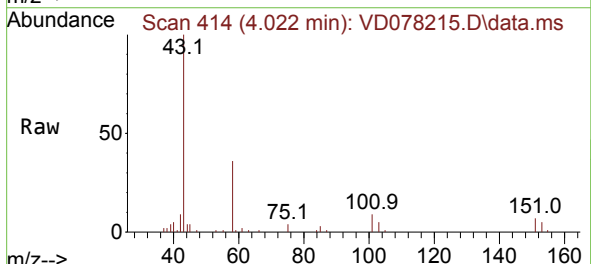
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

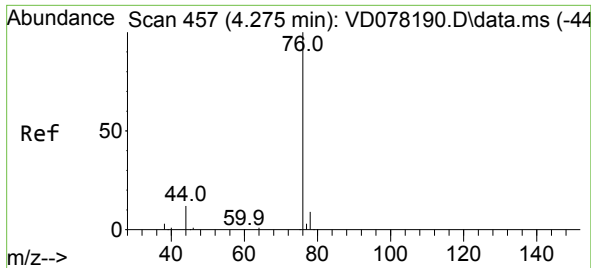
Tgt Ion: 53	Resp: 81828
Ion Ratio	Lower Upper
53 100	
52 79.9	65.0 97.4
51 35.9	28.3 42.5



#16
Acetone
Concen: 219.443 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 43	Resp: 72586		
Ion Ratio	Lower	Upper	
43 100			
58 35.8	34.7	52.1	





#17

Carbon Disulfide

Concen: 46.732 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

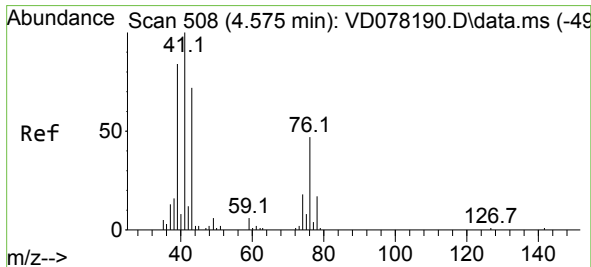
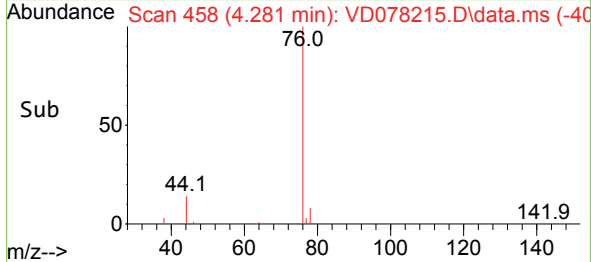
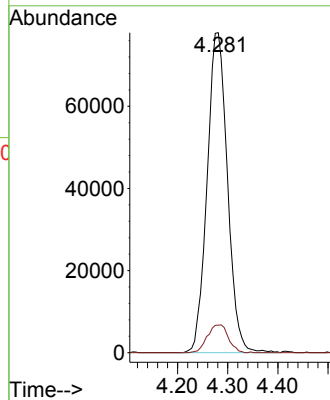
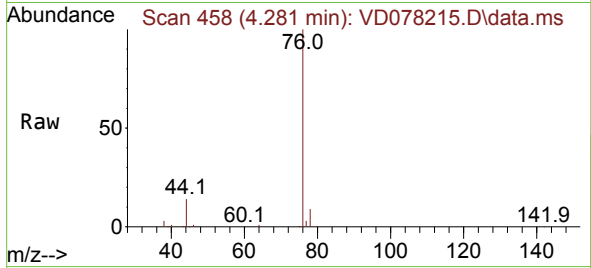
VSTDCCC050EC

Tgt Ion: 76 Resp: 220038

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 54.034 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.006 min

Lab File: VD078215.D

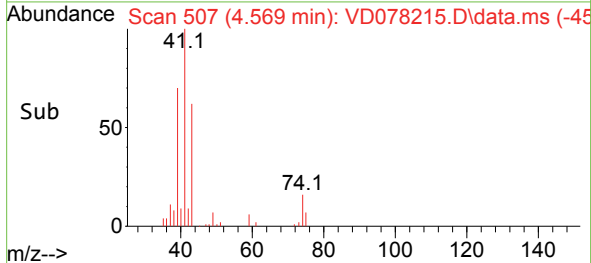
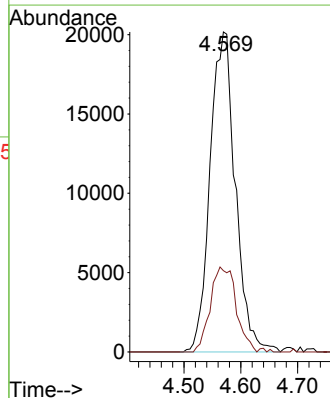
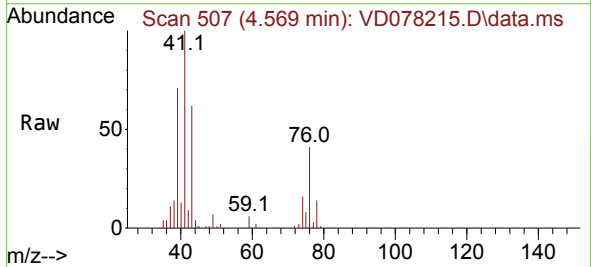
Acq: 23 Jan 2024 18:23

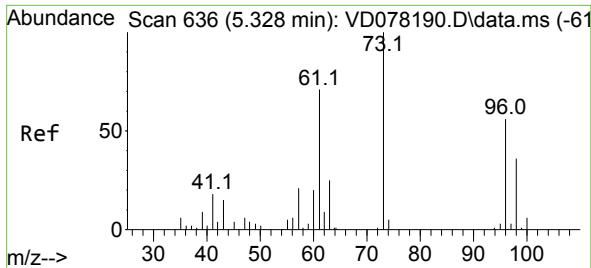
Tgt Ion: 43 Resp: 62271

Ion Ratio Lower Upper

43 100

74 27.1 26.4 39.6

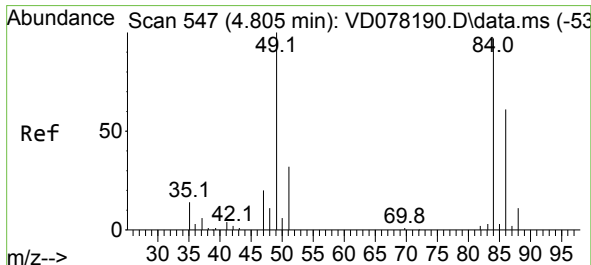
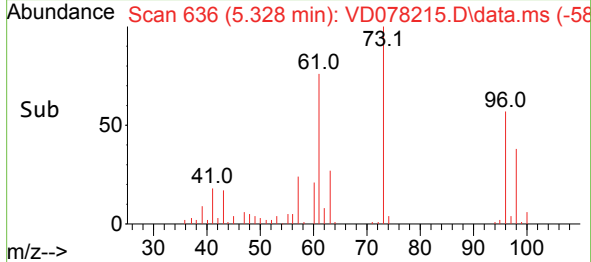
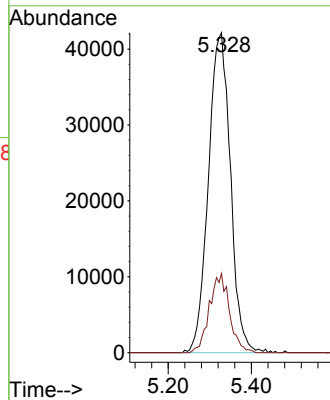
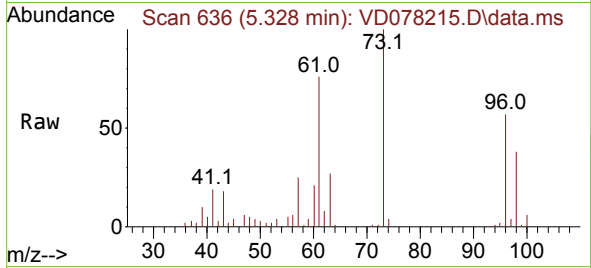




#19
Methyl tert-butyl Ether
Concen: 51.257 ug/l
RT: 5.328 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

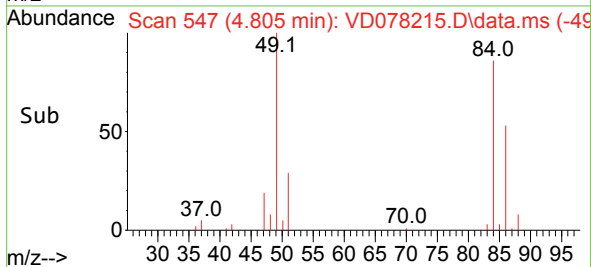
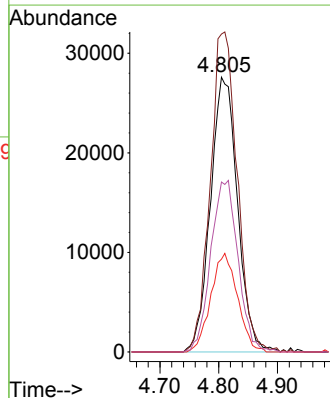
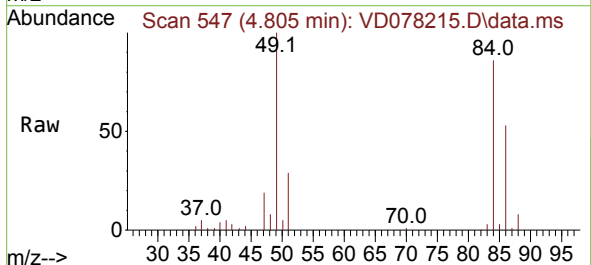
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

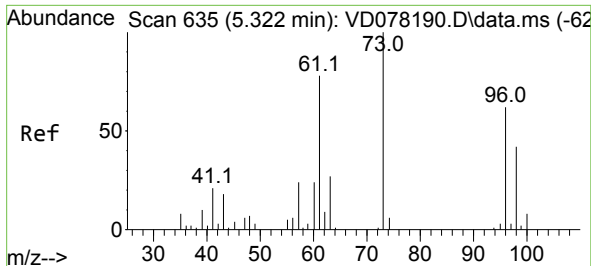
Tgt Ion: 73 Resp: 155208
Ion Ratio Lower Upper
73 100
57 24.7 16.6 25.0



#20
Methylene Chloride
Concen: 54.784 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 84 Resp: 88330
Ion Ratio Lower Upper
84 100
49 115.7 71.4 107.2#
51 33.8 24.5 36.7
86 61.8 48.7 73.1

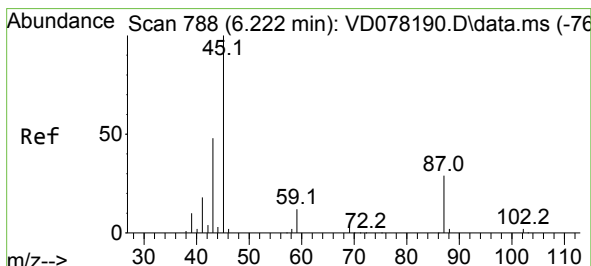
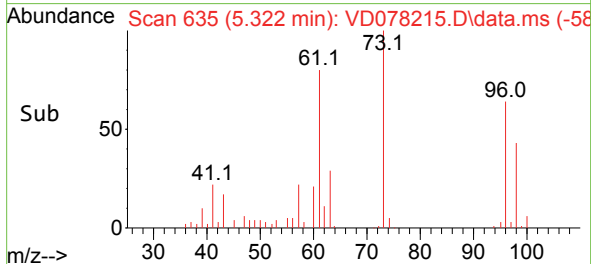
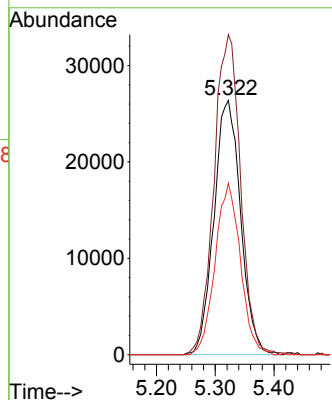
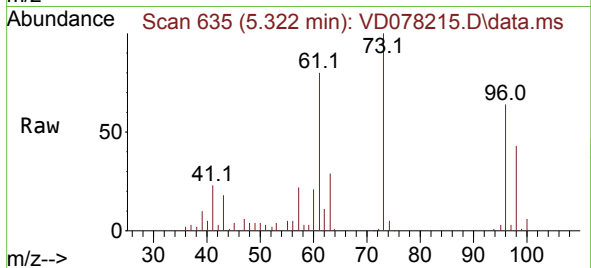




#21
trans-1,2-Dichloroethene
Concen: 49.568 ug/l
RT: 5.322 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

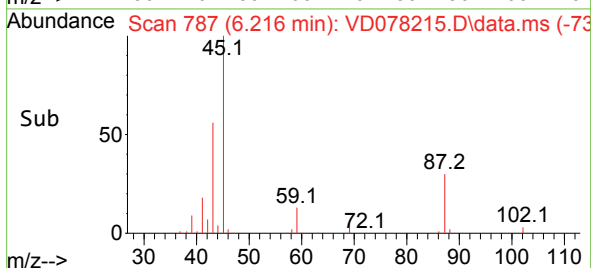
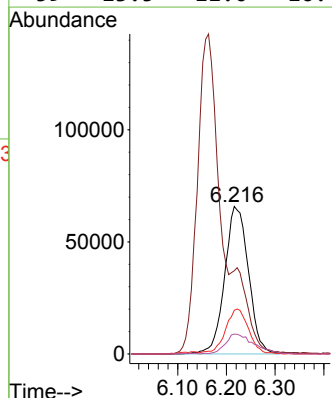
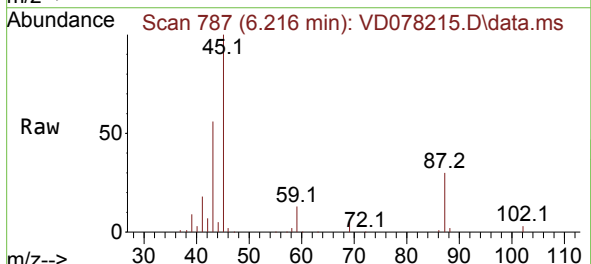
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

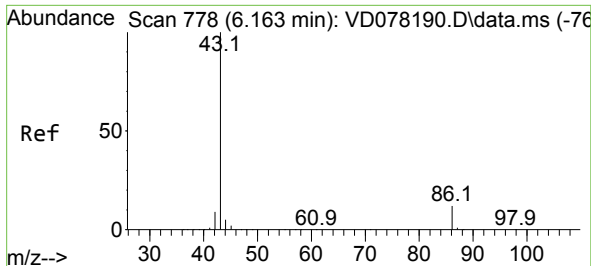
Tgt Ion: 96 Resp: 83173
Ion Ratio Lower Upper
96 100
61 125.8 89.3 133.9
98 67.4 48.6 73.0



#22
Diisopropyl ether
Concen: 55.013 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 45 Resp: 222969
Ion Ratio Lower Upper
45 100
43 55.3 40.0 60.0
87 29.4 28.2 42.4
59 13.5 11.0 16.4

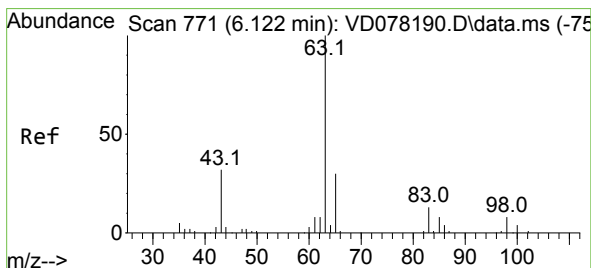
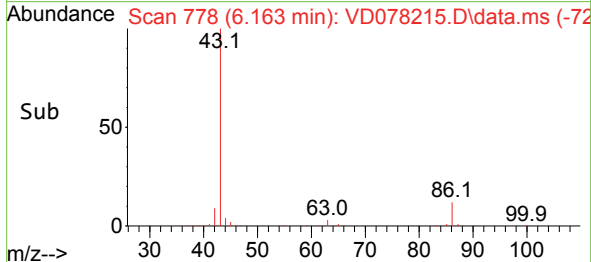
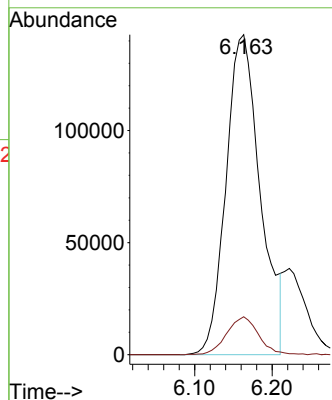
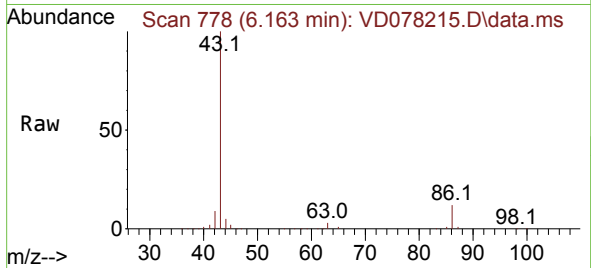




#23
 Vinyl Acetate
 Concen: 220.671 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

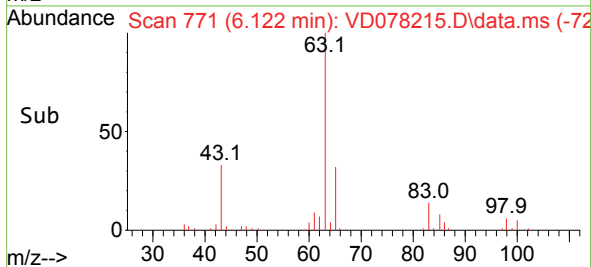
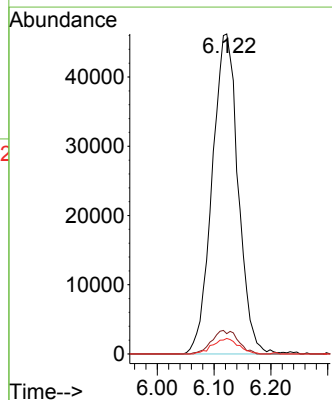
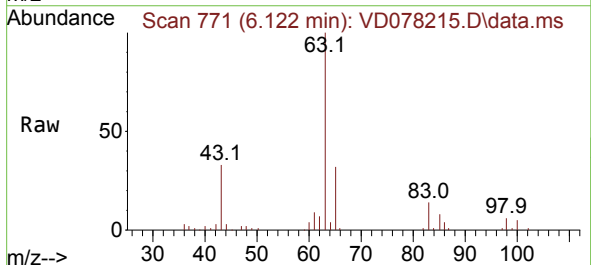
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

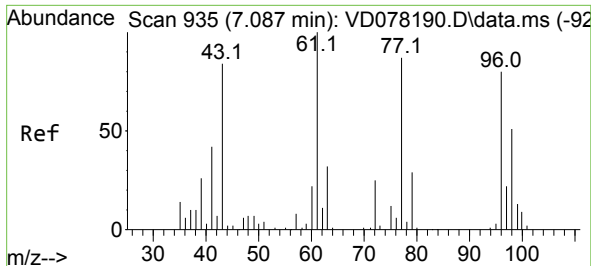
Tgt Ion: 43 Resp: 440647
 Ion Ratio Lower Upper
 43 100
 86 11.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 52.491 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

Tgt Ion: 63 Resp: 147004
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 4.8 2.5 7.5

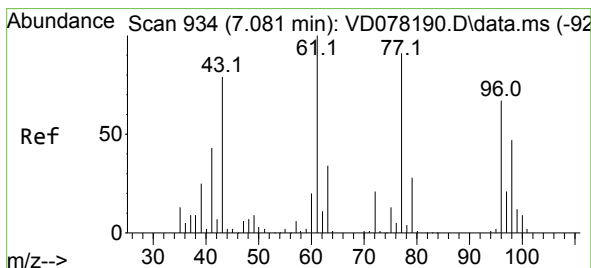
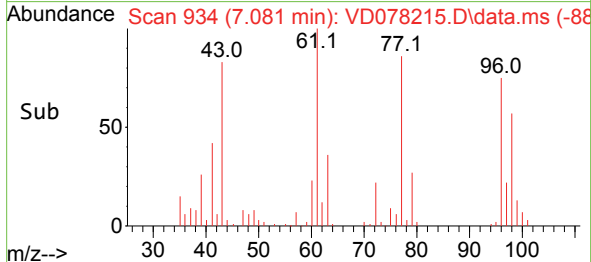
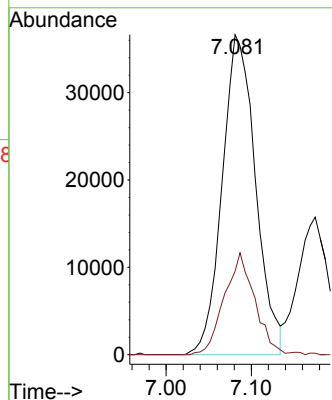
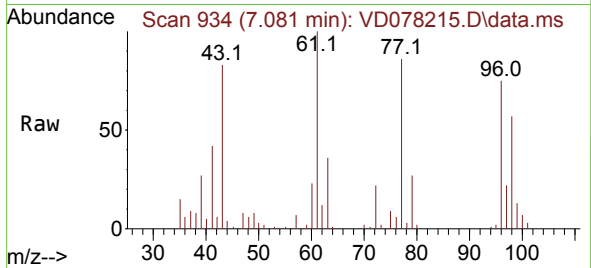




#25
2-Butanone
Concen: 235.548 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

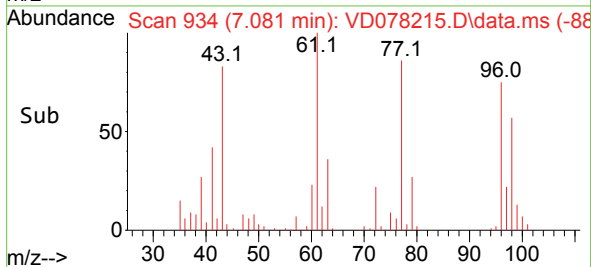
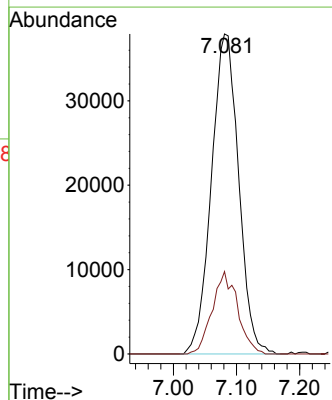
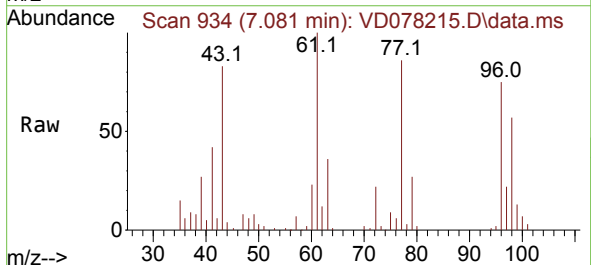
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

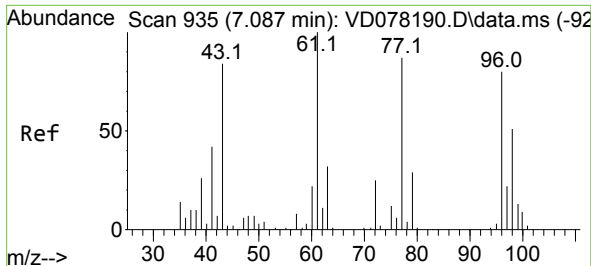
Tgt Ion: 43 Resp: 99667
Ion Ratio Lower Upper
43 100
72 26.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 48.400 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 77 Resp: 113548
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6

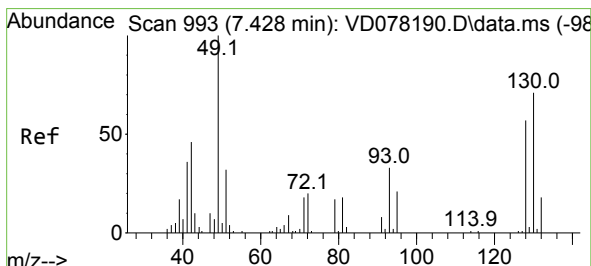
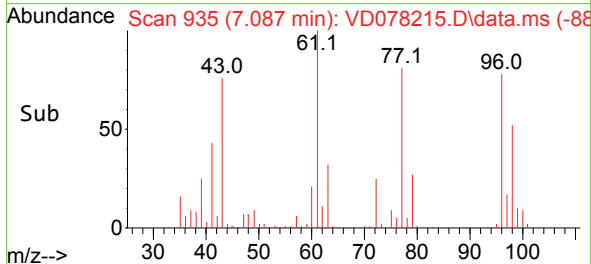
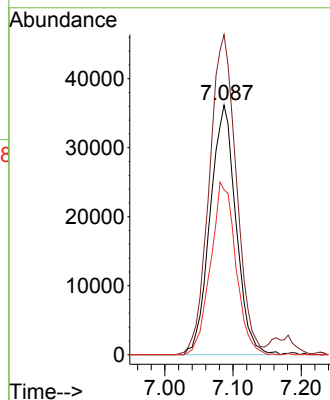
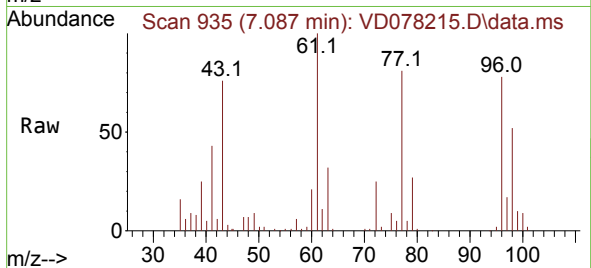




#27
 cis-1,2-Dichloroethene
 Concen: 53.027 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

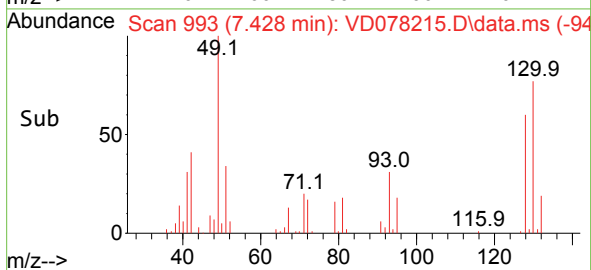
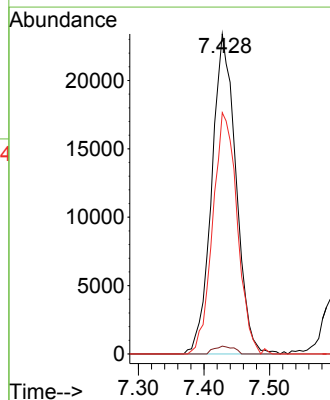
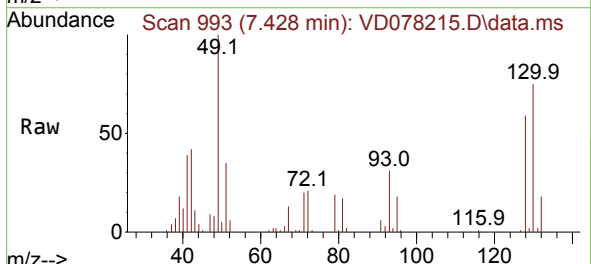
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

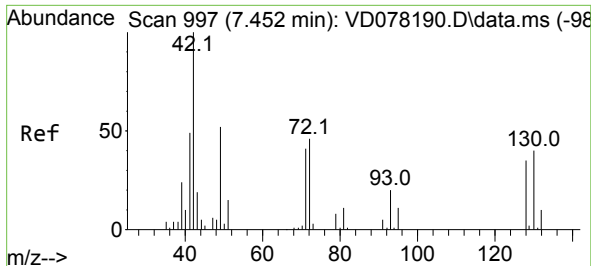
Tgt Ion: 96 Resp: 95578
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 239.2
 98 67.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 54.969 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

Tgt Ion: 49 Resp: 60042
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 76.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 262.214 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.012 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

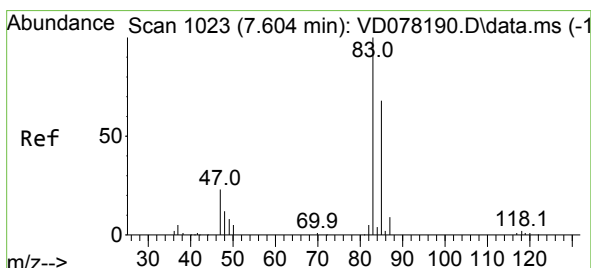
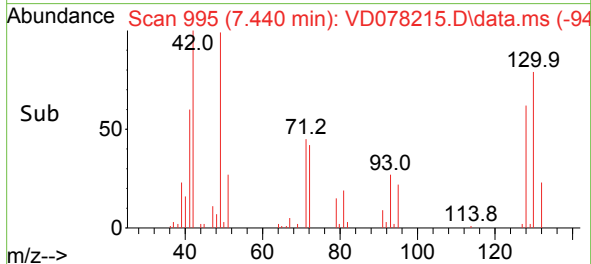
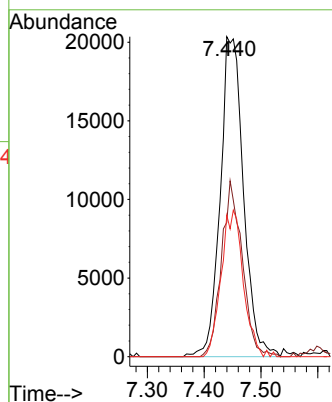
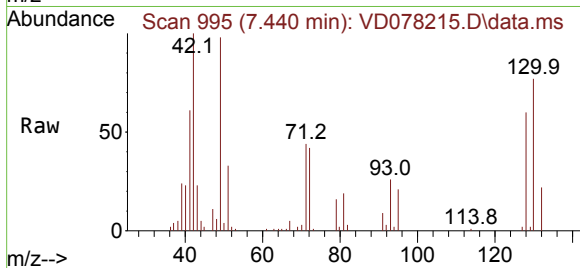
Tgt Ion: 42 Resp: 57946

Ion Ratio Lower Upper

42 100

72 49.3 46.5 69.7

71 43.2 44.5 66.7#



#30

Chloroform

Concen: 53.950 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078215.D

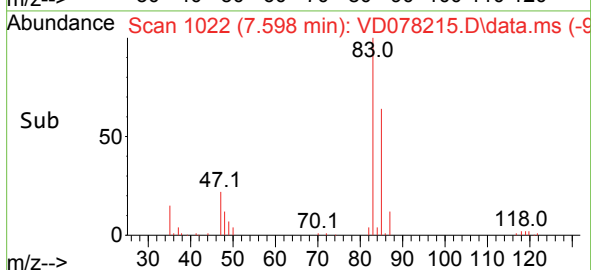
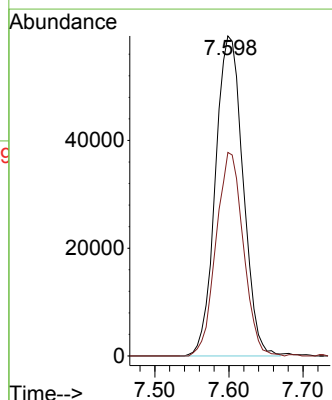
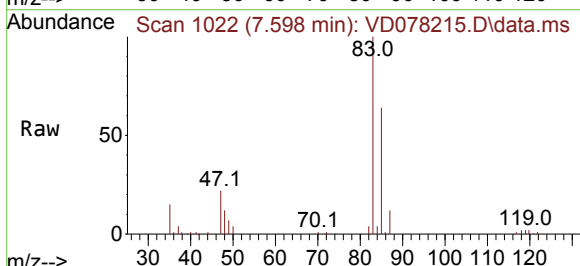
Acq: 23 Jan 2024 18:23

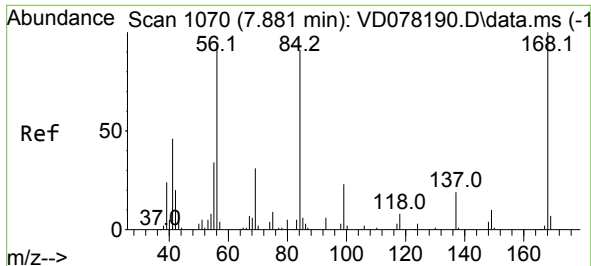
Tgt Ion: 83 Resp: 153659

Ion Ratio Lower Upper

83 100

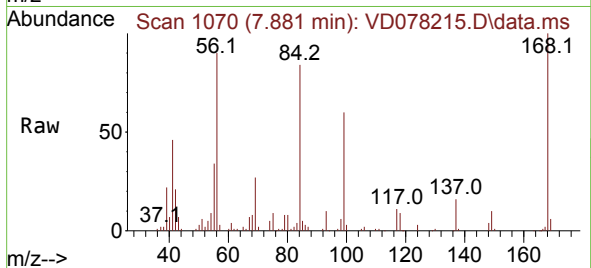
85 63.6 53.4 80.2



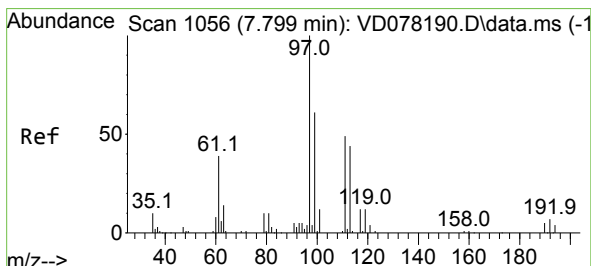
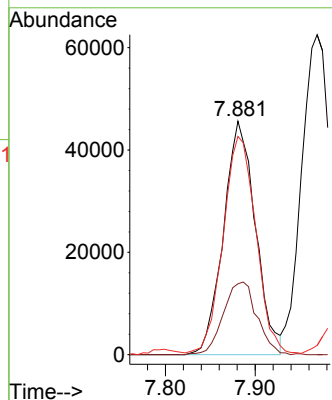
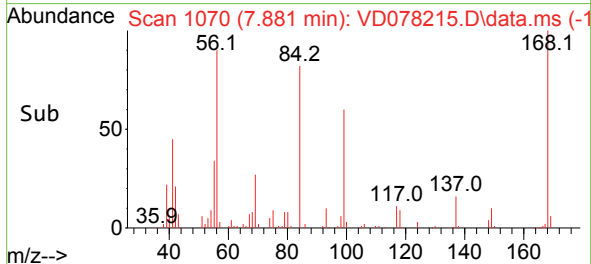


#31
Cyclohexane
Concen: 45.645 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

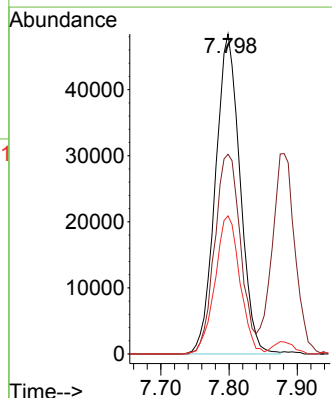
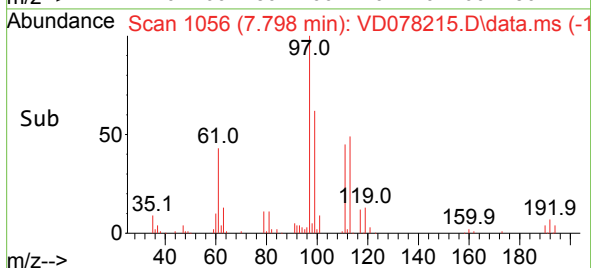
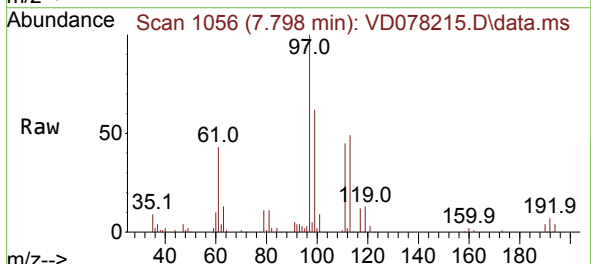


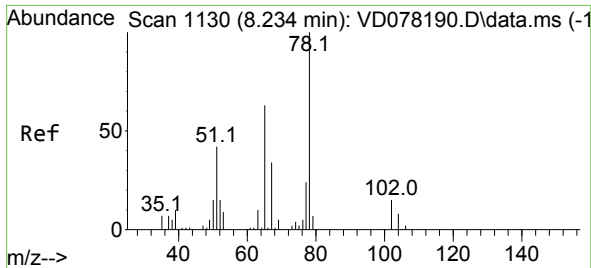
Tgt Ion: 56 Resp: 113049
Ion Ratio Lower Upper
56 100
69 30.4 28.6 43.0
84 92.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.538 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 97 Resp: 121880
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 43.7 33.8 50.8

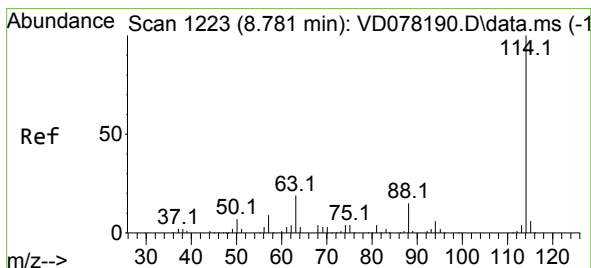
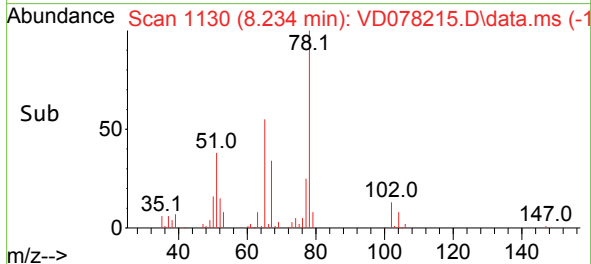
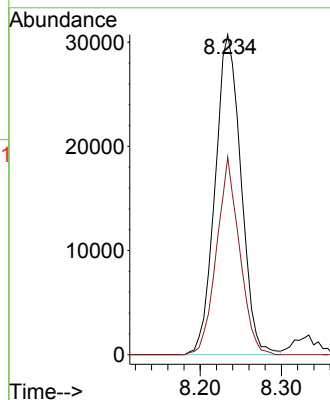
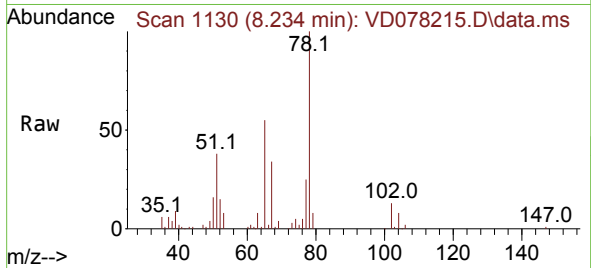




#33
 1,2-Dichloroethane-d4
 Concen: 50.800 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

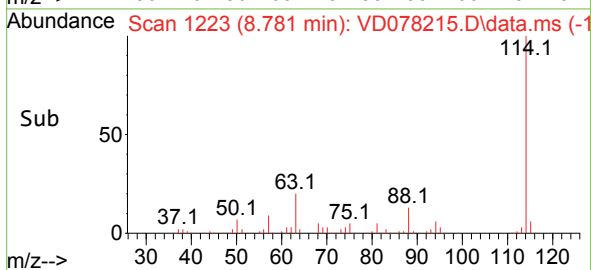
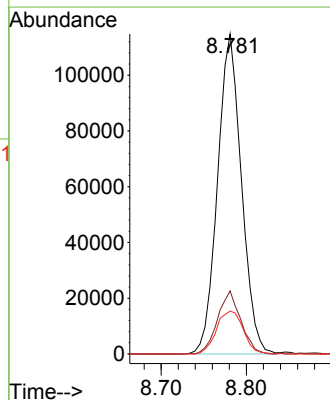
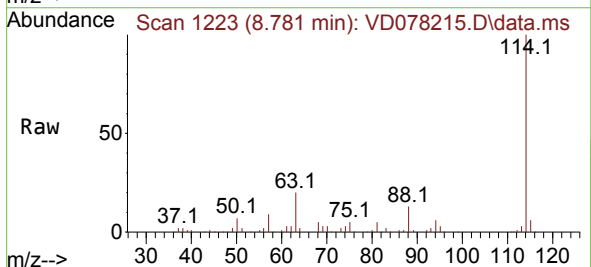
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

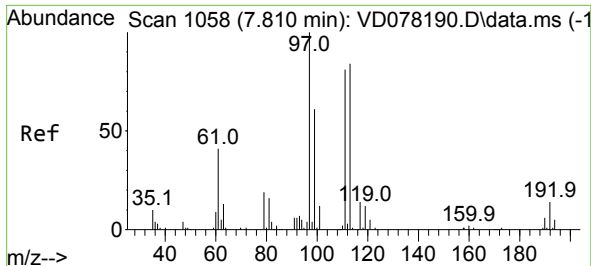
Tgt Ion: 65 Resp: 68048
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

Tgt Ion: 114 Resp: 223865
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 33.4
 88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.267 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

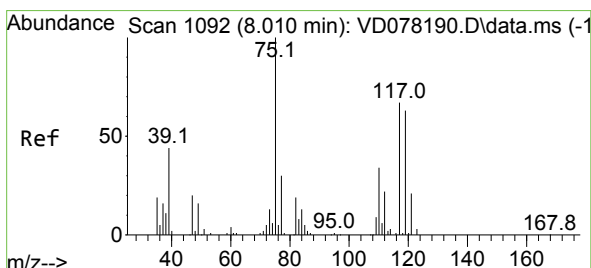
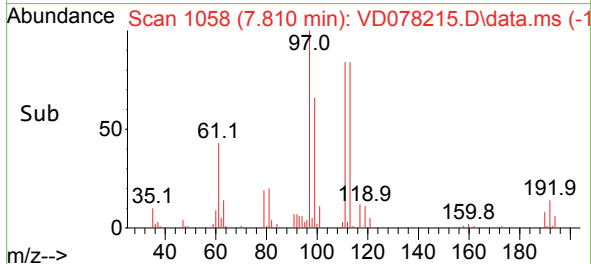
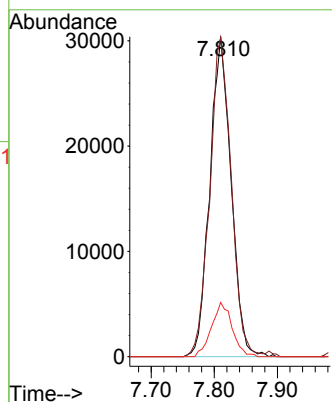
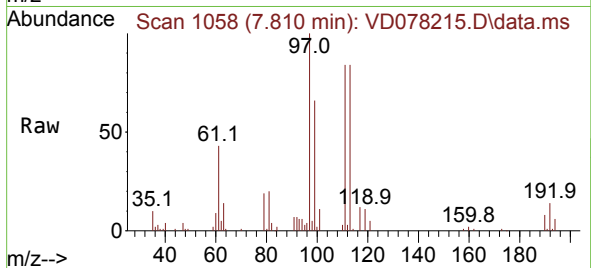
Tgt Ion:113 Resp: 71113

Ion Ratio Lower Upper

113 100

111 100.6 84.7 127.1

192 16.5 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 46.749 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

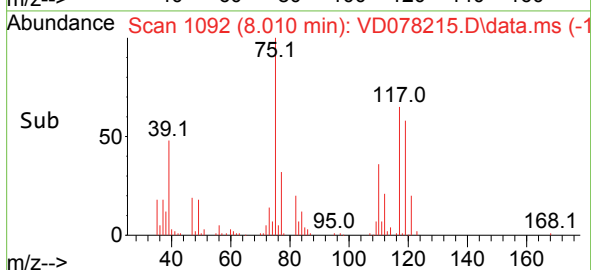
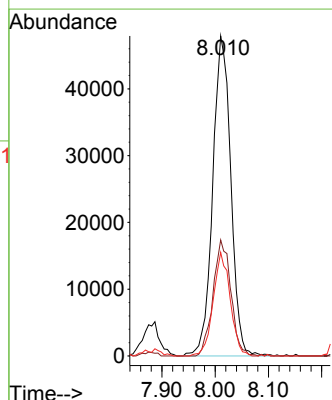
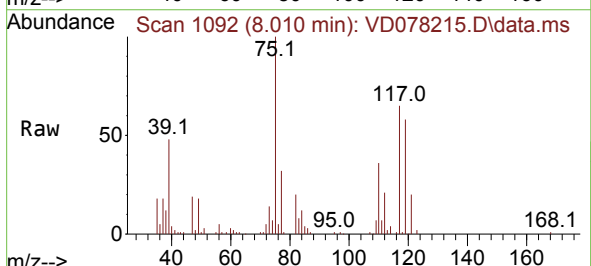
Tgt Ion: 75 Resp: 113264

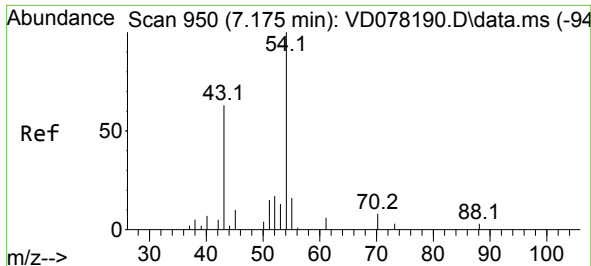
Ion Ratio Lower Upper

75 100

110 35.7 19.9 59.6

77 30.5 24.7 37.1

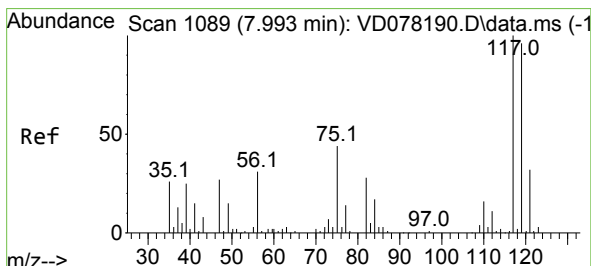
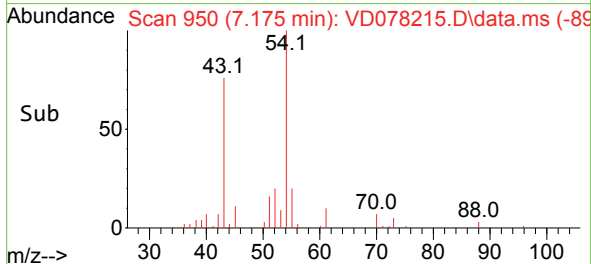
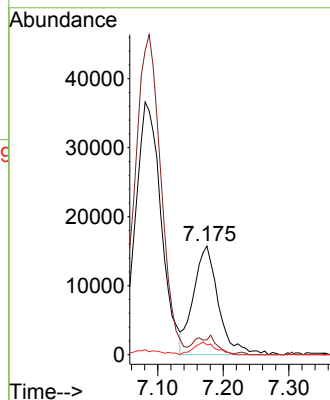
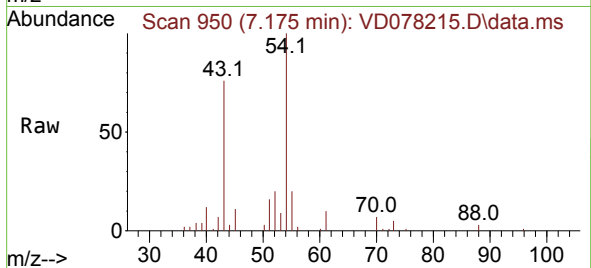




#37
Ethyl Acetate
Concen: 46.465 ug/l
RT: 7.175 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

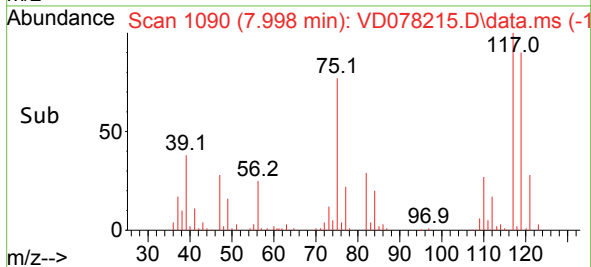
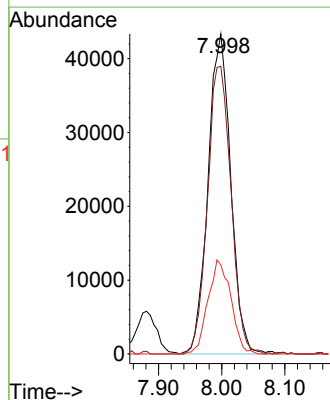
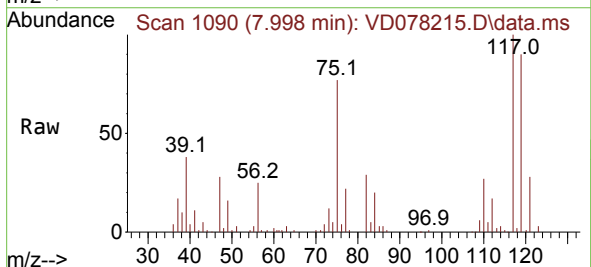
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

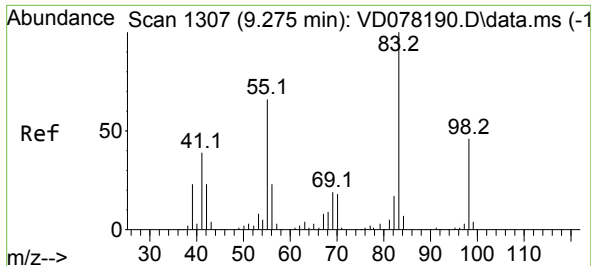
Tgt Ion: 43 Resp: 41910
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 9.9 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 45.344 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:117 Resp: 108502
Ion Ratio Lower Upper
117 100
119 89.9 78.0 117.0
121 27.8 24.2 36.2





#39

Methylcyclohexane

Concen: 45.727 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

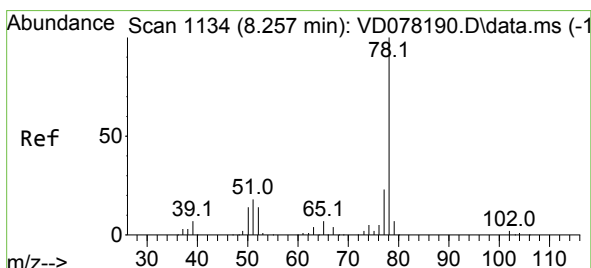
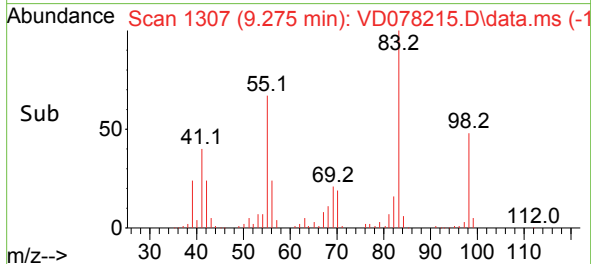
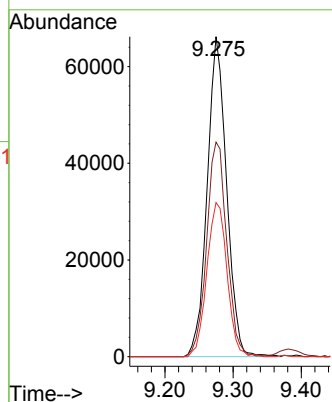
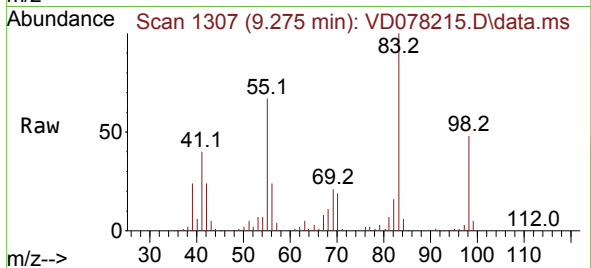
Tgt Ion: 83 Resp: 131021

Ion Ratio Lower Upper

83 100

55 67.1 49.4 74.0

98 48.1 38.4 57.6



#40

Benzene

Concen: 50.869 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078215.D

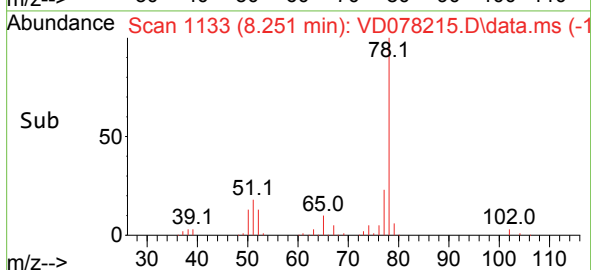
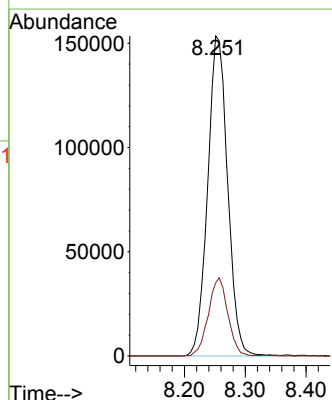
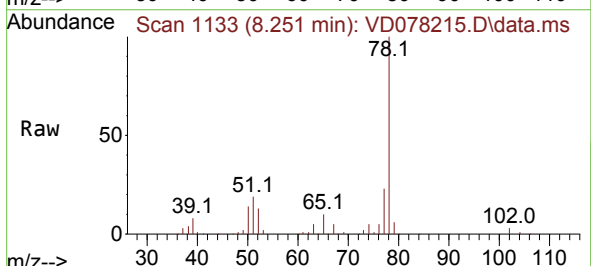
Acq: 23 Jan 2024 18:23

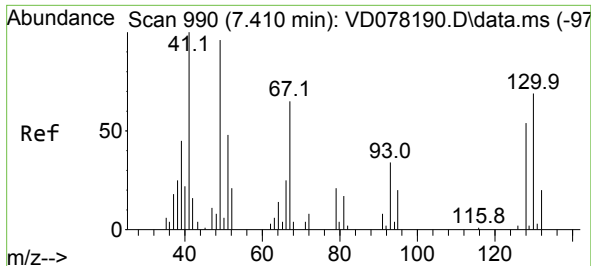
Tgt Ion: 78 Resp: 349751

Ion Ratio Lower Upper

78 100

77 22.9 19.4 29.0

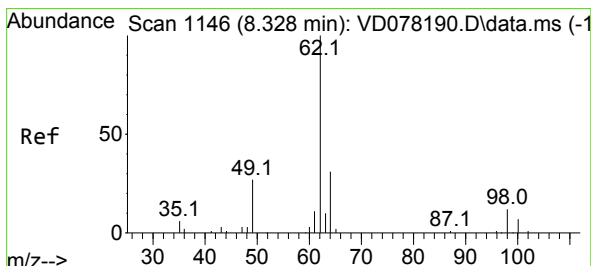
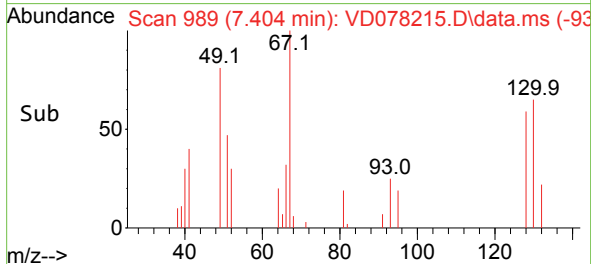
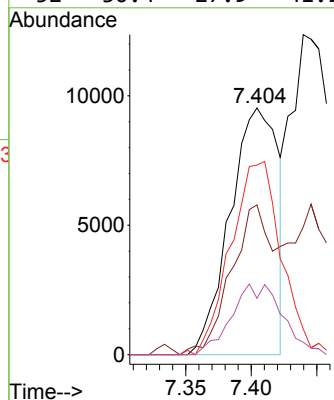
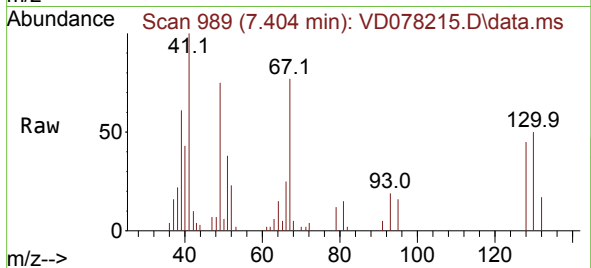




#41
Methacrylonitrile
Concen: 48.948 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

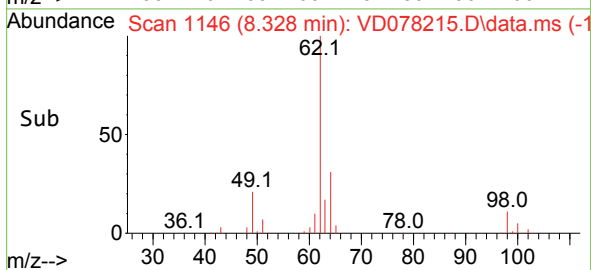
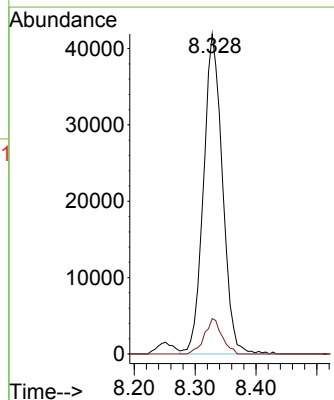
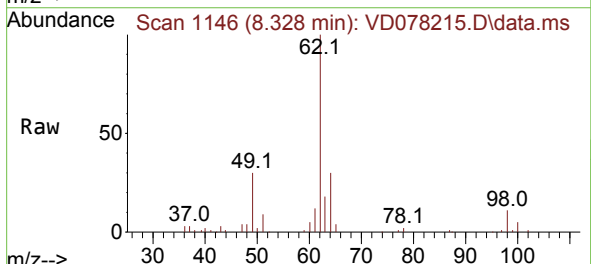
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

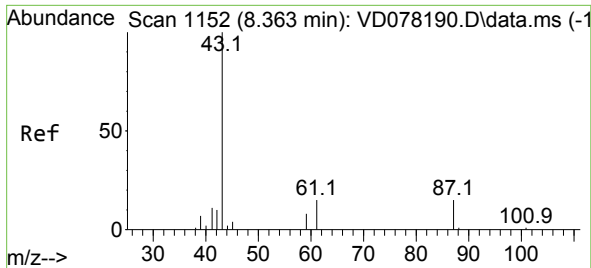
Tgt Ion: 41 Resp: 24242
Ion Ratio Lower Upper
41 100
39 55.2 34.0 51.0#
67 82.7 77.0 115.4
52 30.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.633 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 62 Resp: 90578
Ion Ratio Lower Upper
62 100
98 10.1 0.0 25.4

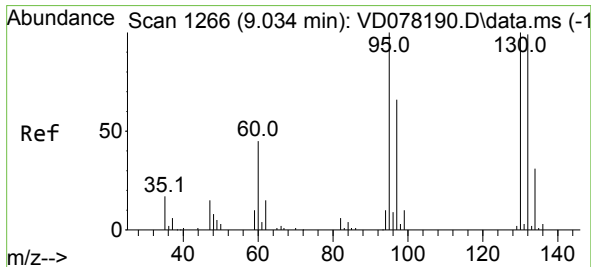
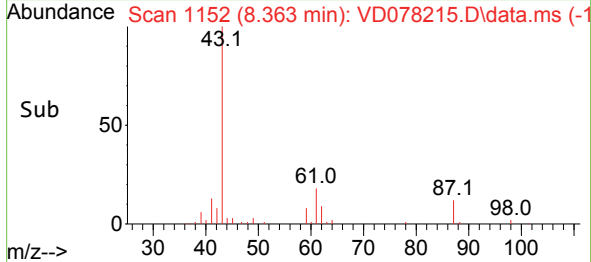
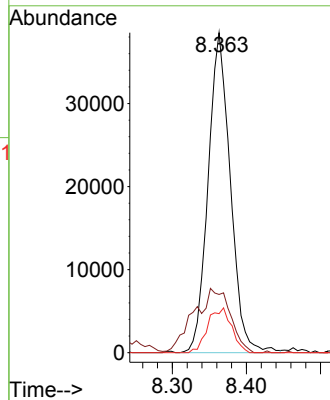
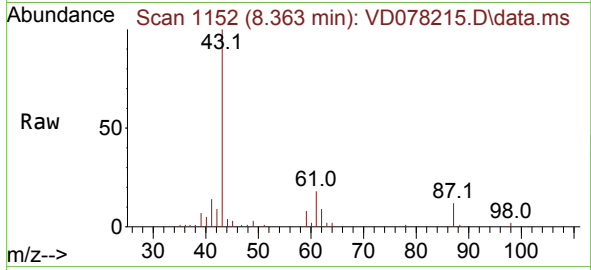




#43
Isopropyl Acetate
Concen: 48.603 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

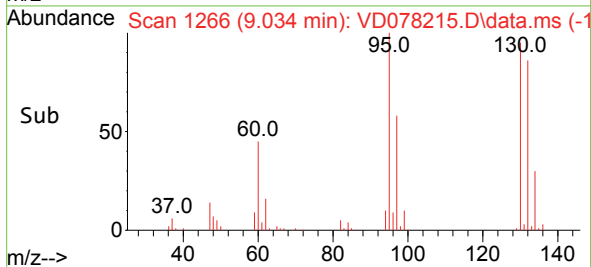
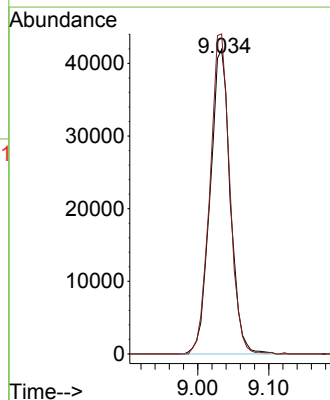
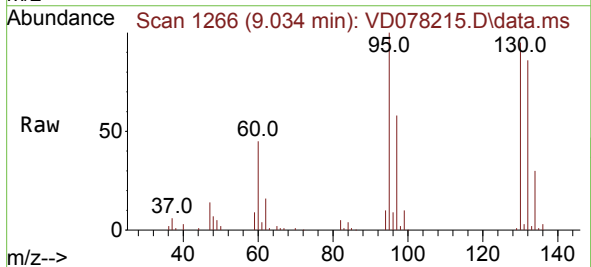
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

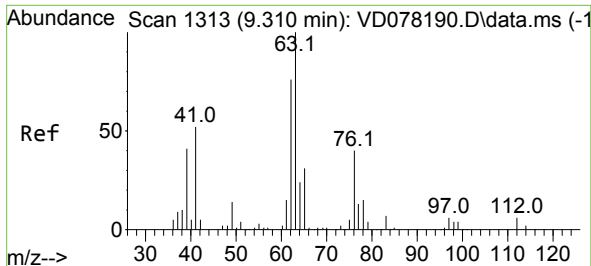
Tgt Ion: 43 Resp: 80314
Ion Ratio Lower Upper
43 100
61 33.0 31.4 47.0
87 15.0 14.9 22.3



#44
Trichloroethene
Concen: 46.815 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:130 Resp: 82347
Ion Ratio Lower Upper
130 100
95 105.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.417 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

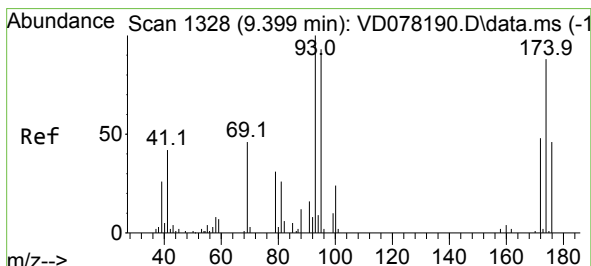
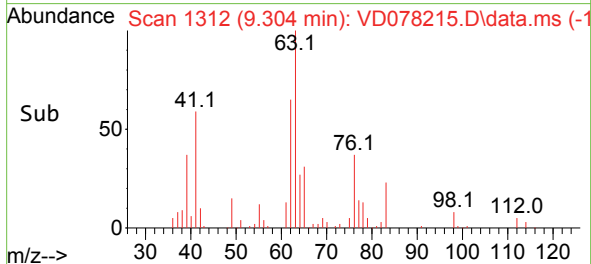
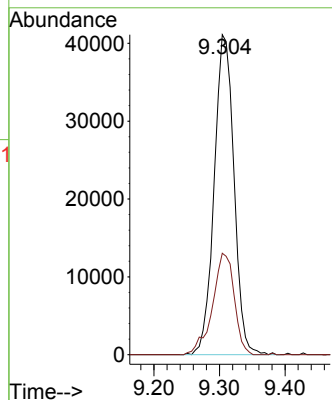
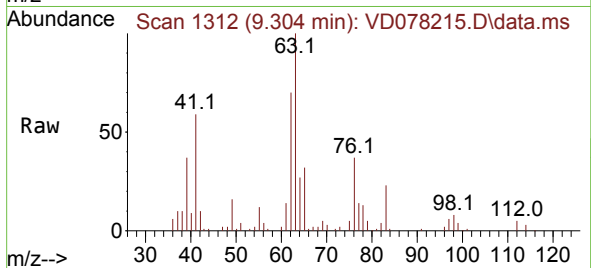
VSTDCCC050EC

Tgt Ion: 63 Resp: 86016

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 49.008 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

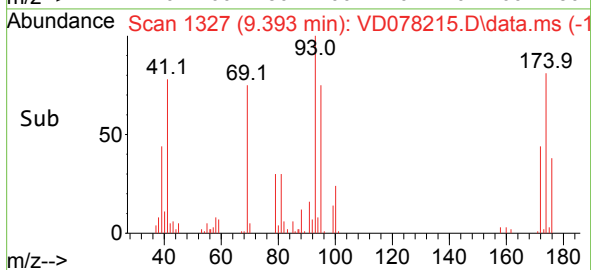
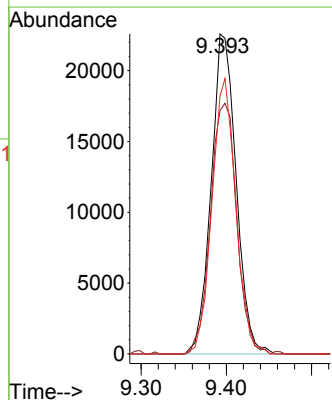
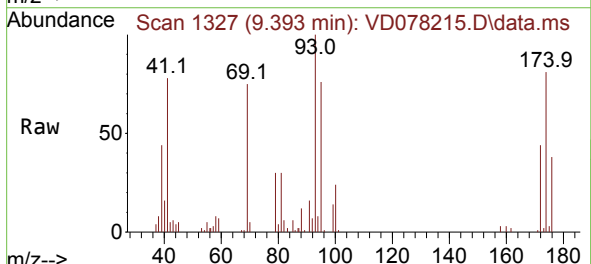
Tgt Ion: 93 Resp: 45917

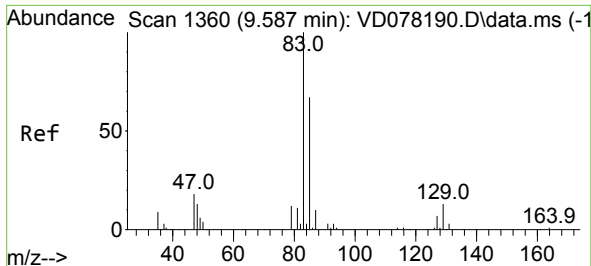
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 82.5 85.4 128.2#

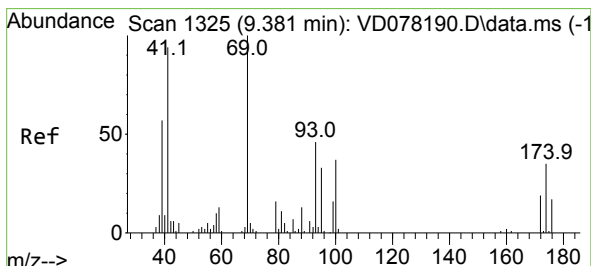
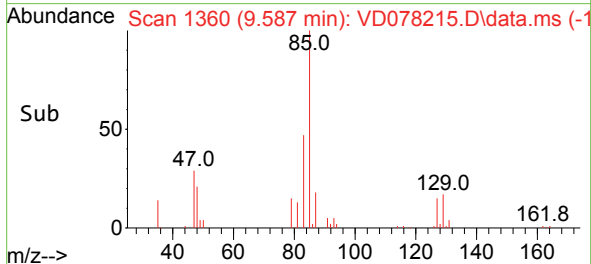
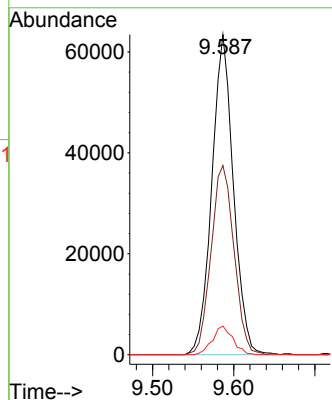
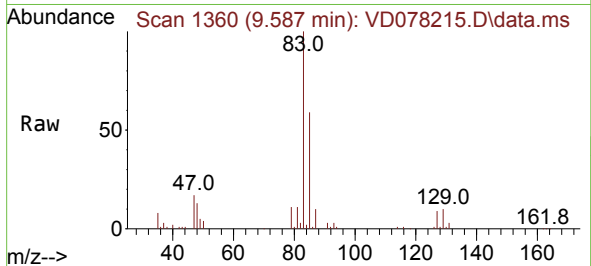




#47
Bromodichloromethane
Concen: 49.773 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

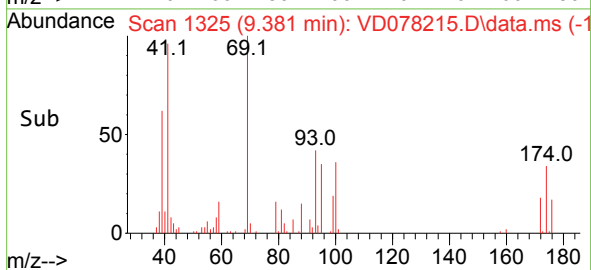
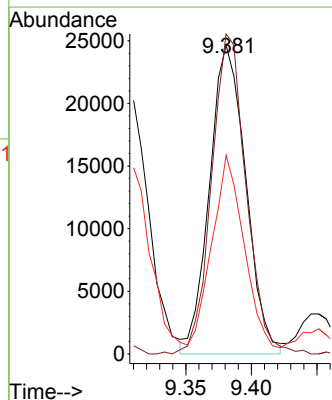
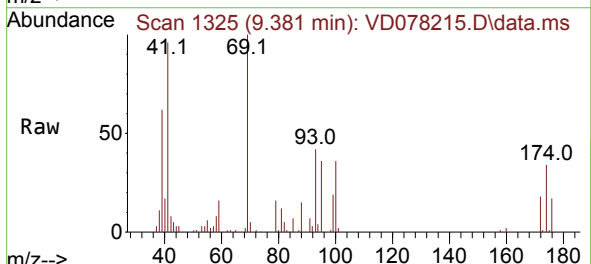
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

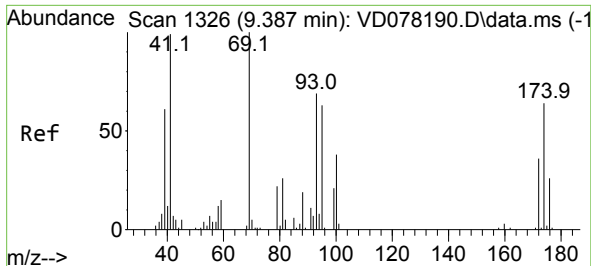
Tgt Ion: 83 Resp: 117145
Ion Ratio Lower Upper
83 100
85 59.1 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 49.638 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 41 Resp: 47488
Ion Ratio Lower Upper
41 100
69 98.1 102.2 153.2#
39 57.5 41.4 62.2





#49

1,4-Dioxane

Concen: 890.370 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

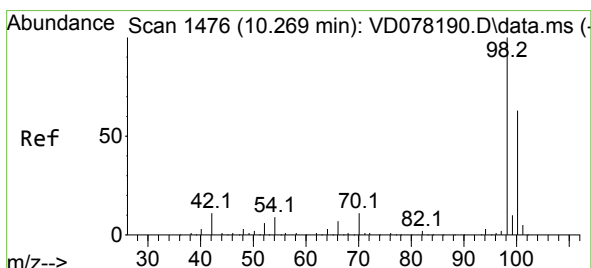
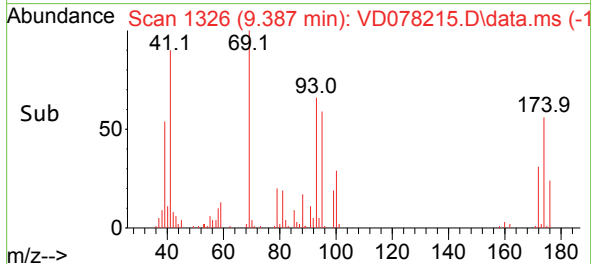
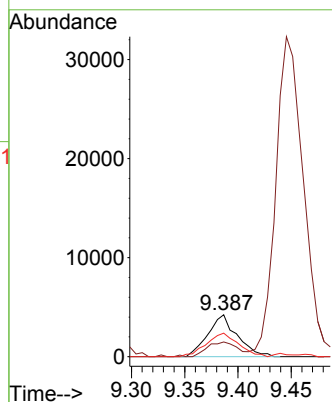
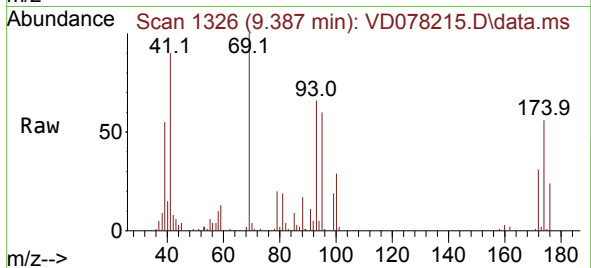
Tgt Ion: 88 Resp: 8072

Ion Ratio Lower Upper

88 100

43 37.0 19.0 28.6#

58 61.7 43.5 65.3



#50

Toluene-d8

Concen: 48.308 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078215.D

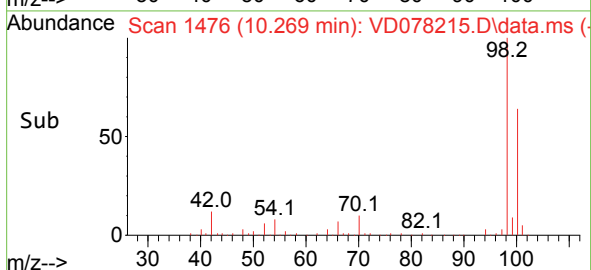
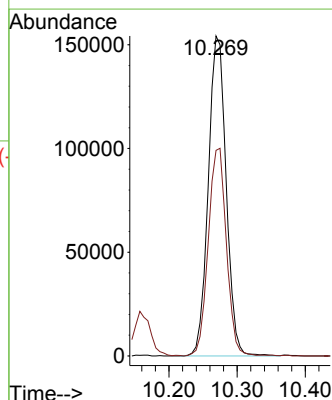
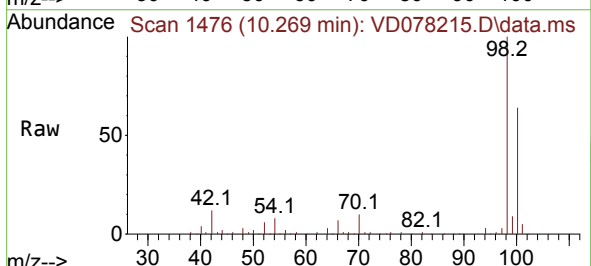
Acq: 23 Jan 2024 18:23

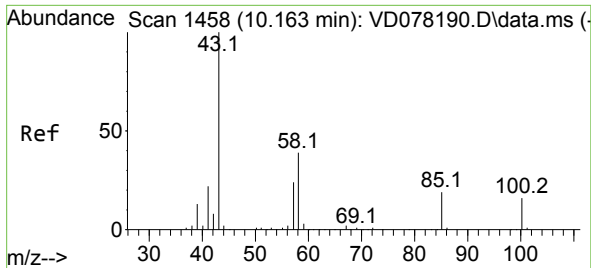
Tgt Ion: 98 Resp: 281820

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 241.221 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

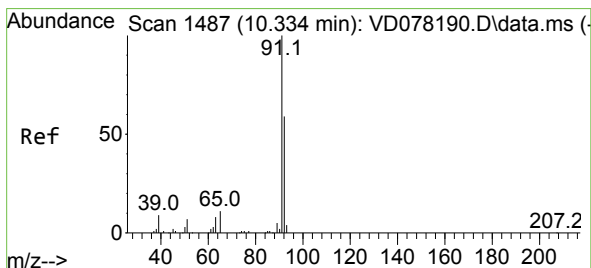
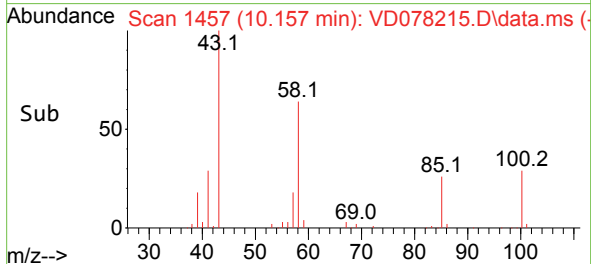
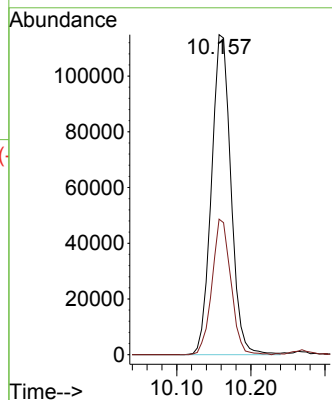
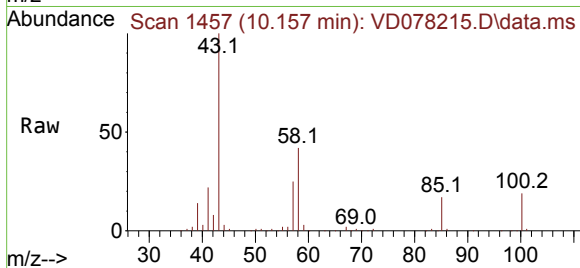
VSTDCCC050EC

Tgt Ion: 43 Resp: 209462

Ion Ratio Lower Upper

43 100

58 41.0 38.9 58.3



#52

Toluene

Concen: 48.993 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078215.D

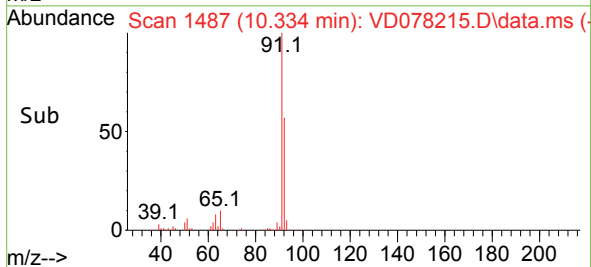
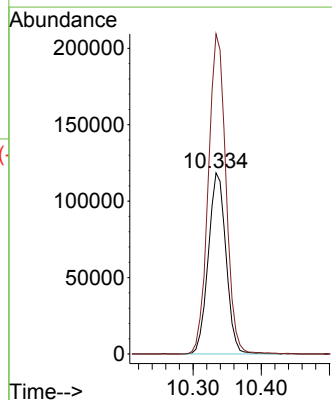
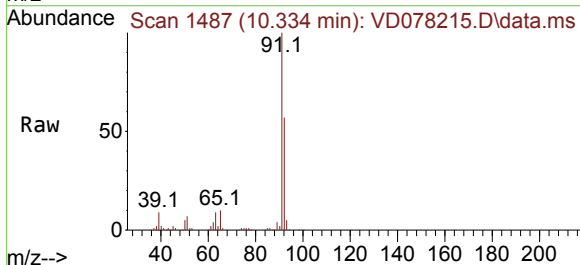
Acq: 23 Jan 2024 18:23

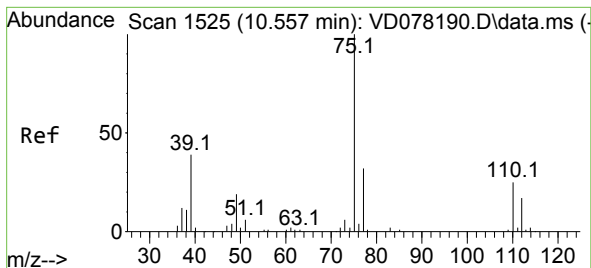
Tgt Ion: 92 Resp: 213516

Ion Ratio Lower Upper

92 100

91 176.6 143.0 214.4

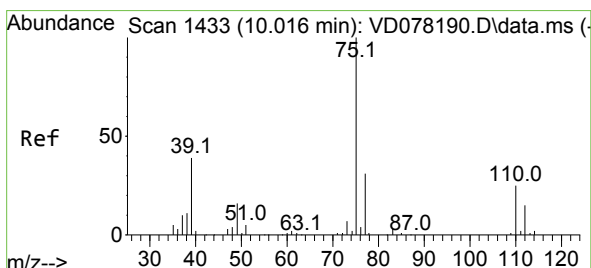
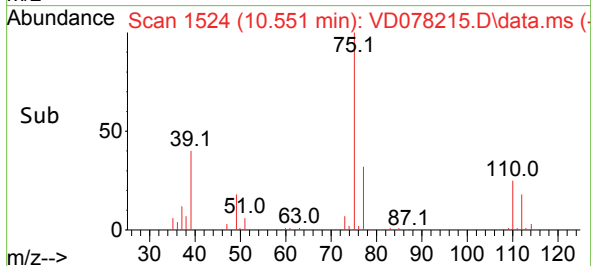
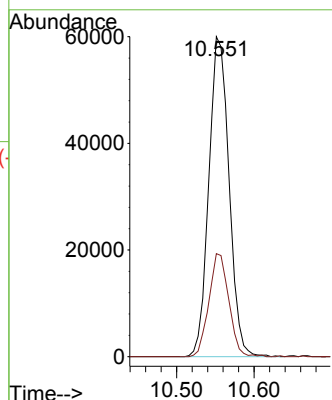
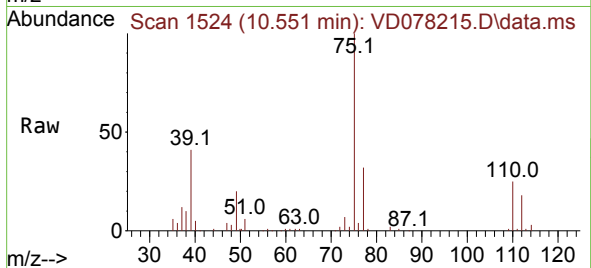




#53
 t-1,3-Dichloropropene
 Concen: 50.071 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

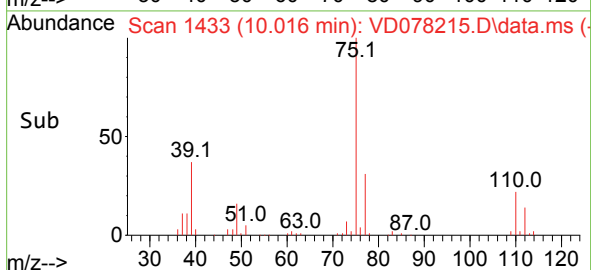
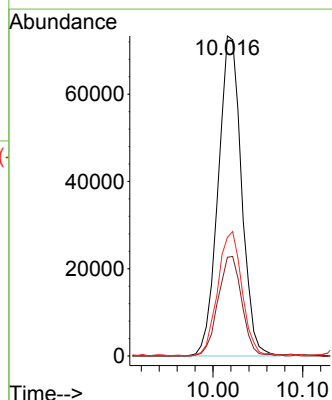
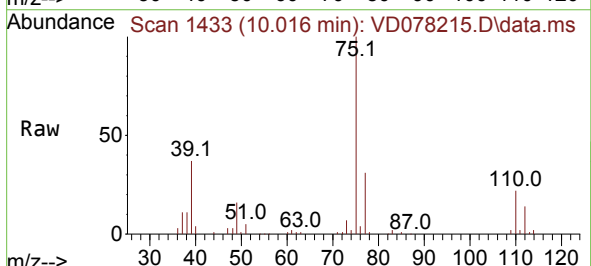
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

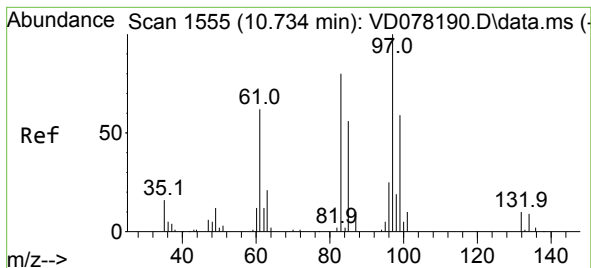
Tgt Ion: 75 Resp: 108721
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.889 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

Tgt Ion: 75 Resp: 132462
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 36.8 22.1 33.1#

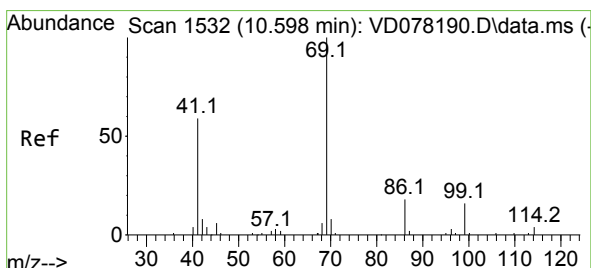
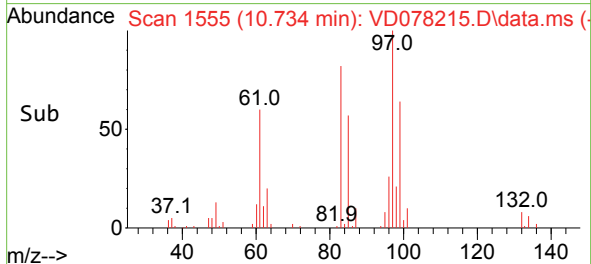
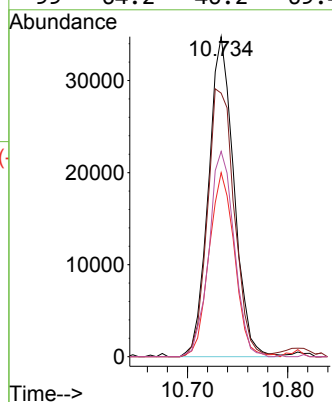
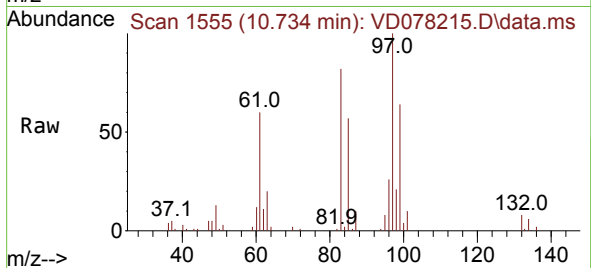




#55
1,1,2-Trichloroethane
Concen: 48.974 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

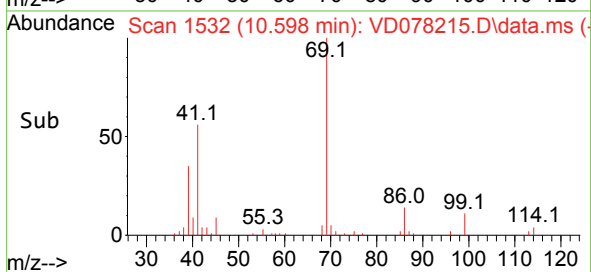
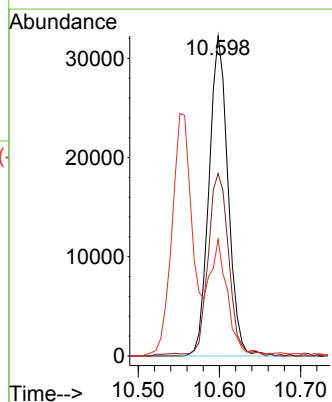
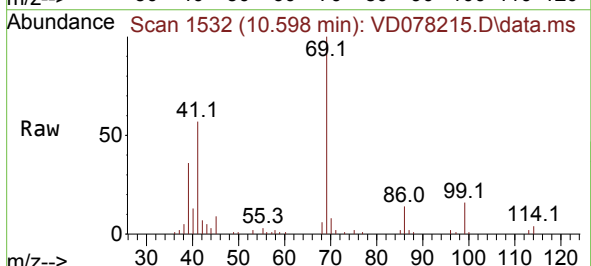
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

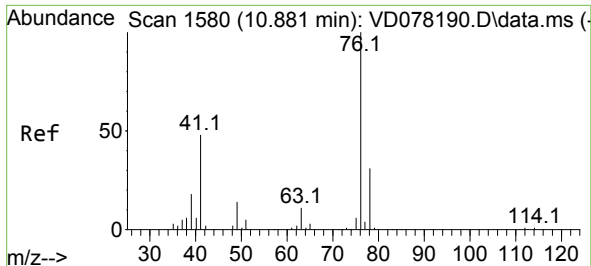
Tgt Ion:	97	Resp:	61399
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.6
85	57.5	45.7	68.5
99	64.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 51.043 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:	69	Resp:	52385
Ion	Ratio	Lower	Upper
69	100		
41	62.3	39.1	58.7#
39	33.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 48.943 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

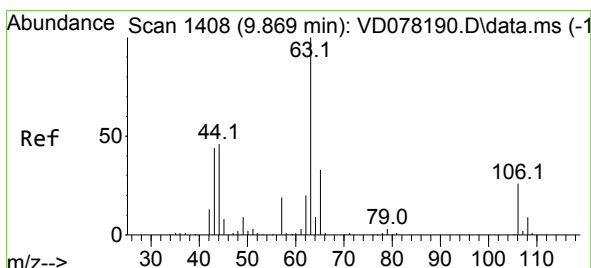
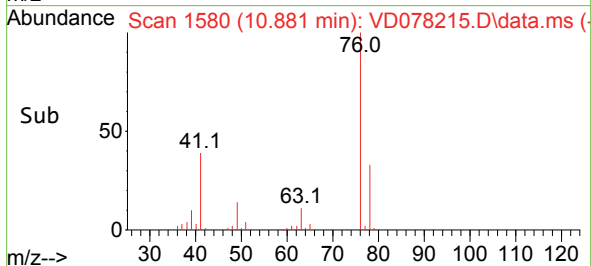
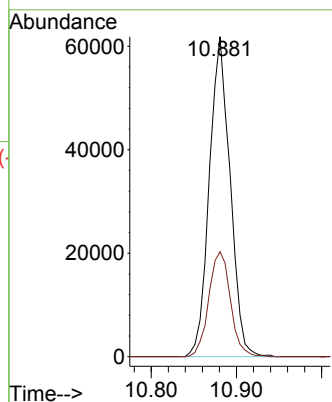
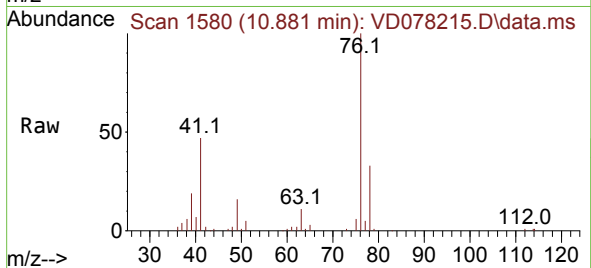
VSTDCCC050EC

Tgt Ion: 76 Resp: 104937

Ion Ratio Lower Upper

76 100

78 34.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 255.194 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078215.D

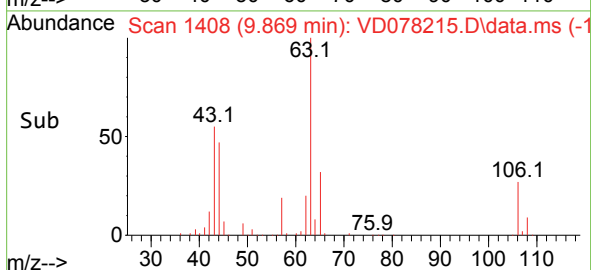
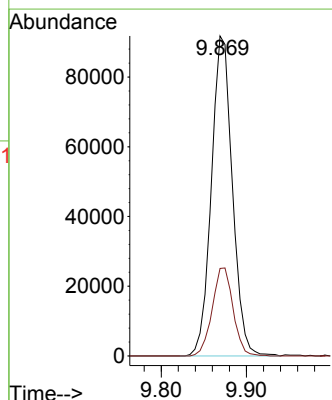
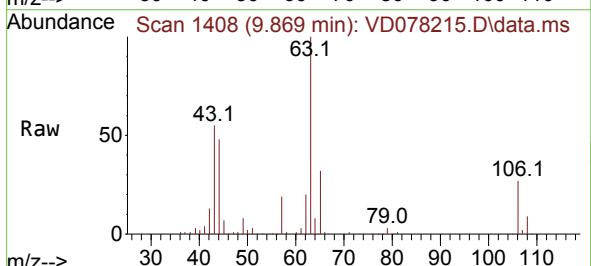
Acq: 23 Jan 2024 18:23

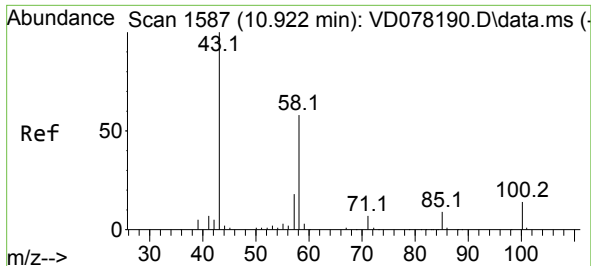
Tgt Ion: 63 Resp: 156950

Ion Ratio Lower Upper

63 100

106 27.4 25.3 37.9

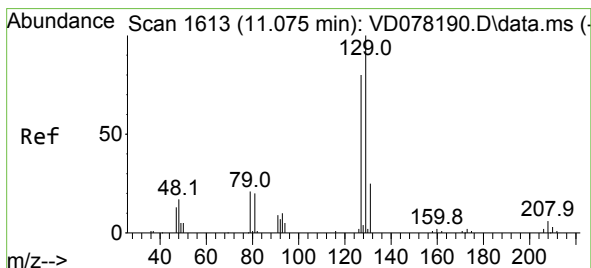
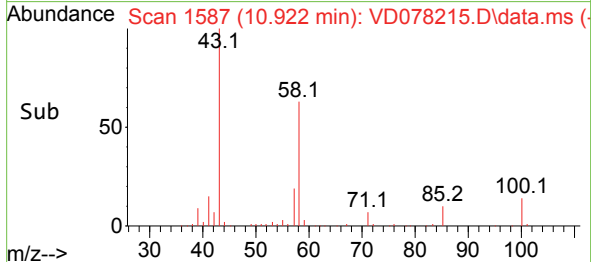
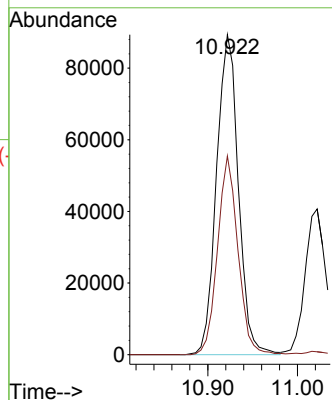
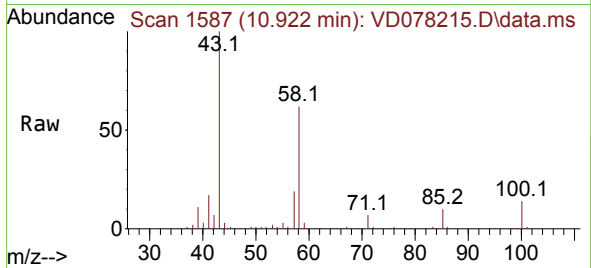




#59
2-Hexanone
Concen: 213.975 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

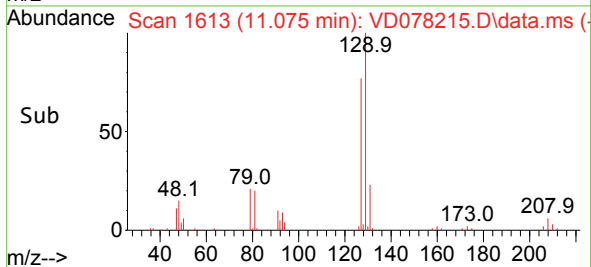
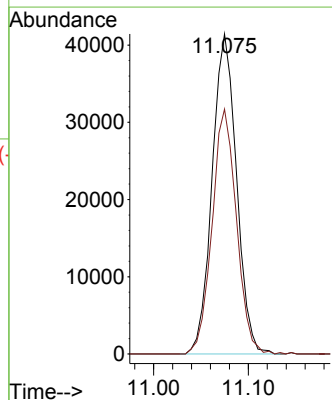
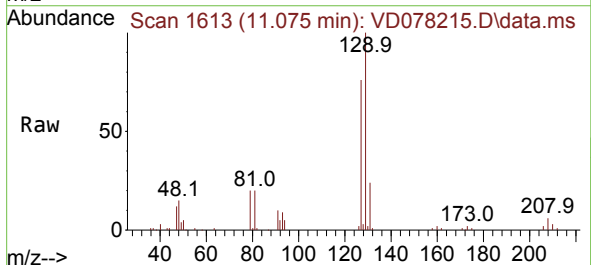
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

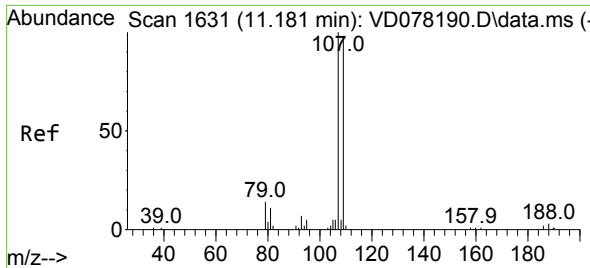
Tgt Ion: 43 Resp: 150987
Ion Ratio Lower Upper
43 100
58 58.1 34.1 102.2



#60
Dibromochloromethane
Concen: 50.119 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:129 Resp: 74082
Ion Ratio Lower Upper
129 100
127 76.5 37.1 111.5

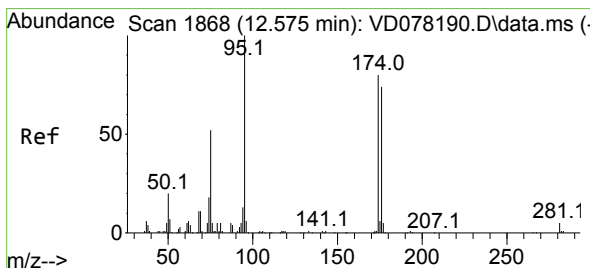
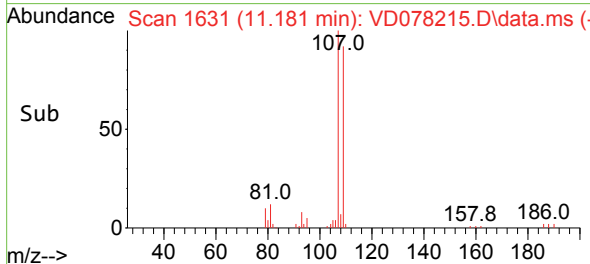
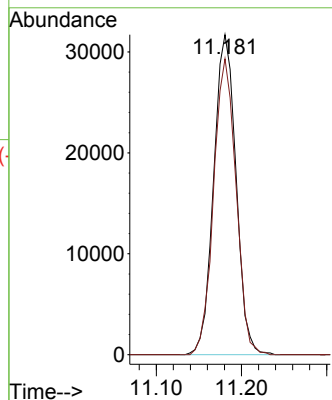
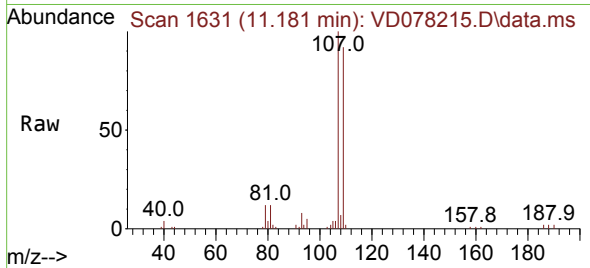




#61
1,2-Dibromoethane
Concen: 49.919 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

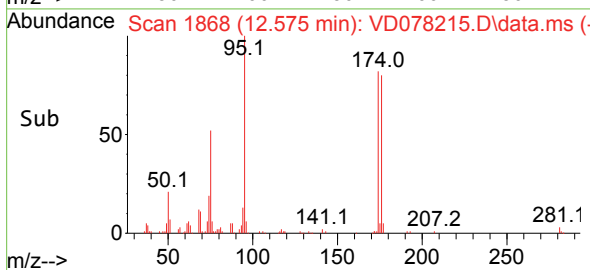
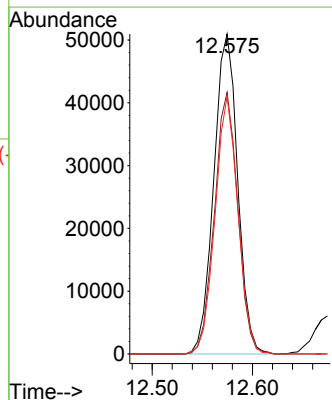
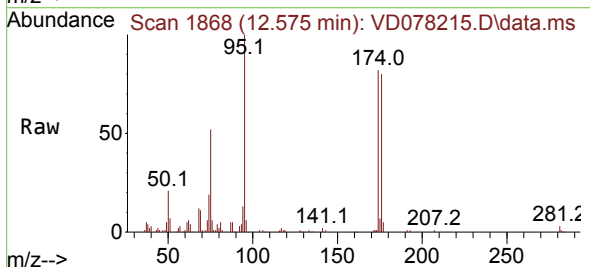
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

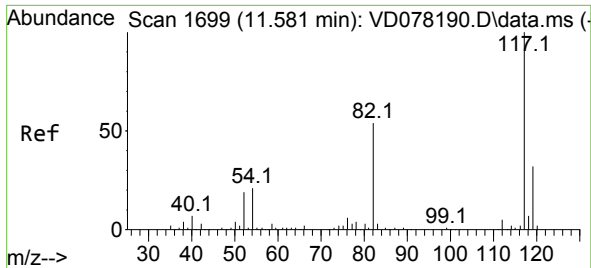
Tgt Ion:107 Resp: 57689
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.696 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 95 Resp: 84077
Ion Ratio Lower Upper
95 100
174 80.3 0.0 201.8
176 77.1 0.0 191.8

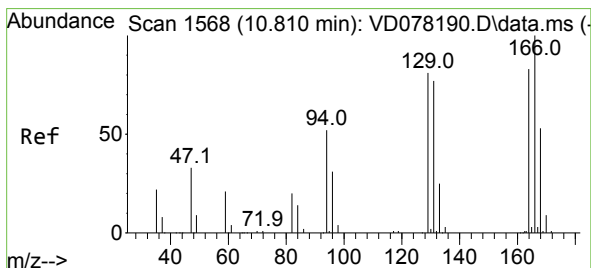
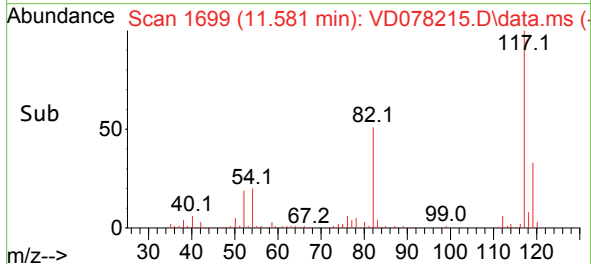
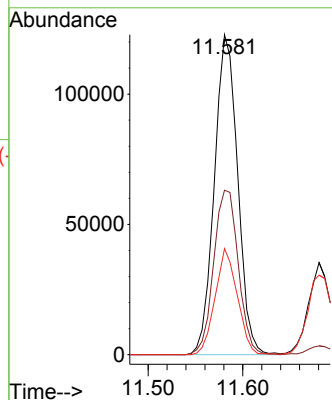
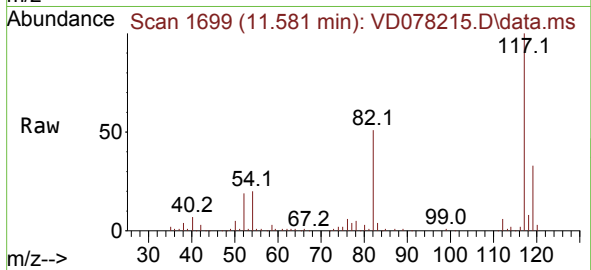




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

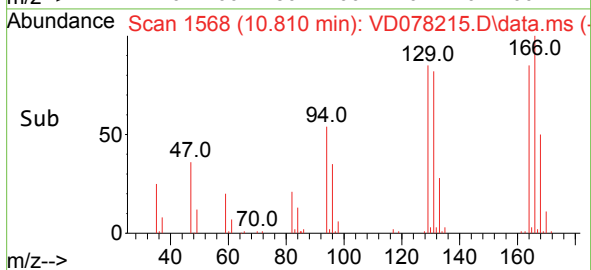
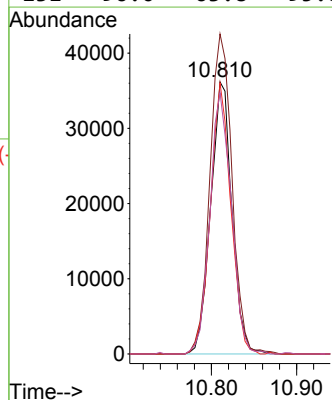
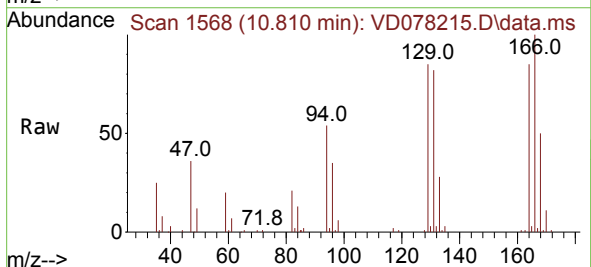
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

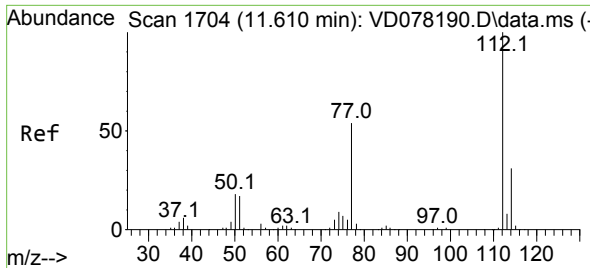
Tgt Ion:117 Resp: 210399
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 33.1 25.0 37.4



#64
Tetrachloroethene
Concen: 45.641 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:164 Resp: 62789
Ion Ratio Lower Upper
164 100
166 117.6 99.2 148.8
129 99.6 68.4 102.6
131 96.0 63.8 95.8#

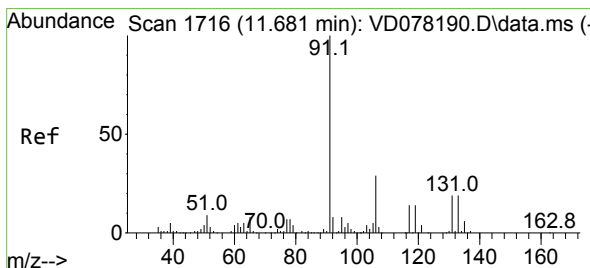
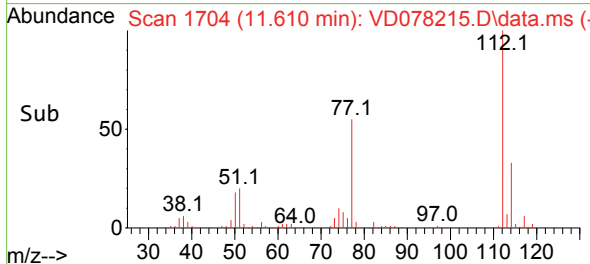
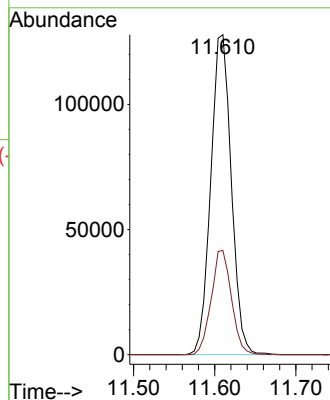
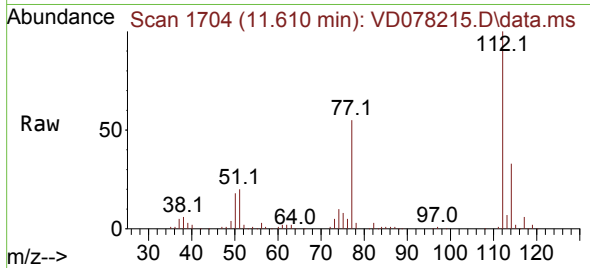




#65
Chlorobenzene
Concen: 48.377 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

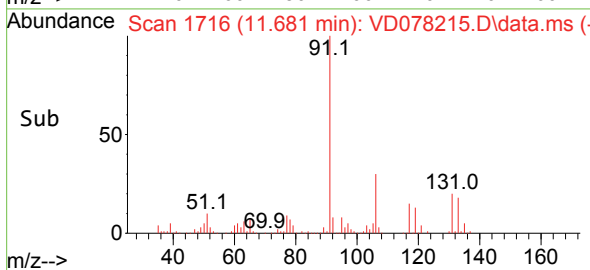
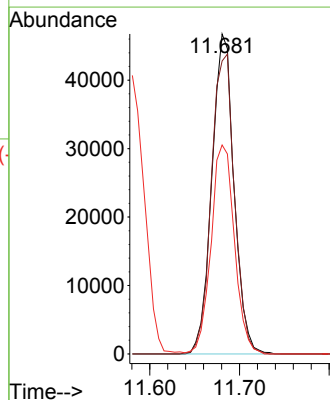
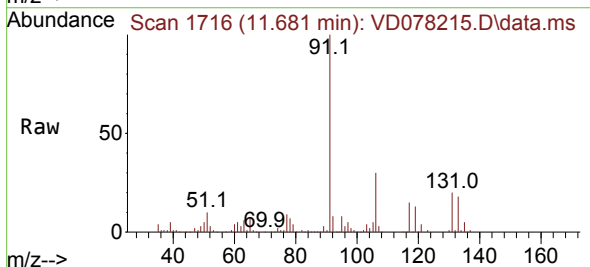
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

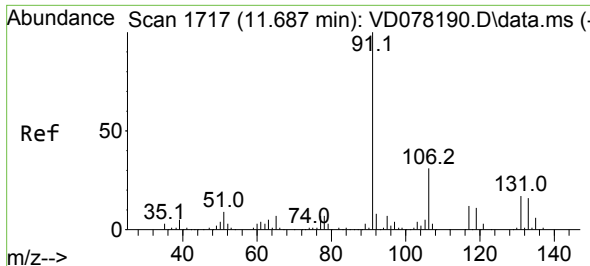
Tgt Ion:112 Resp: 224849
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.327 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:131 Resp: 80269
Ion Ratio Lower Upper
131 100
133 97.8 48.5 145.5
119 68.8 35.6 106.9

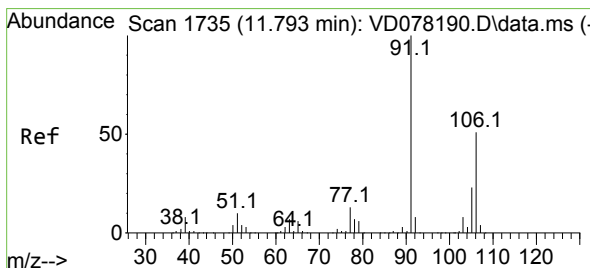
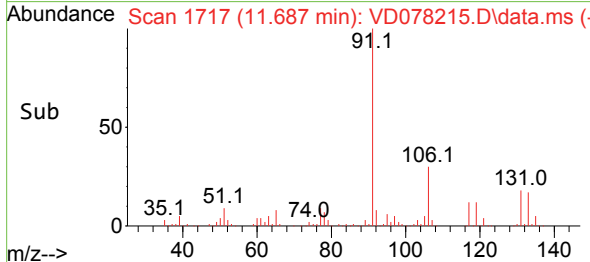
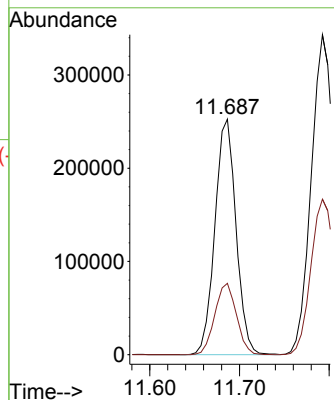
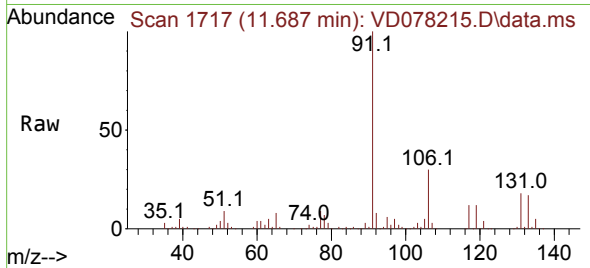




#67
Ethyl Benzene
Concen: 48.839 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

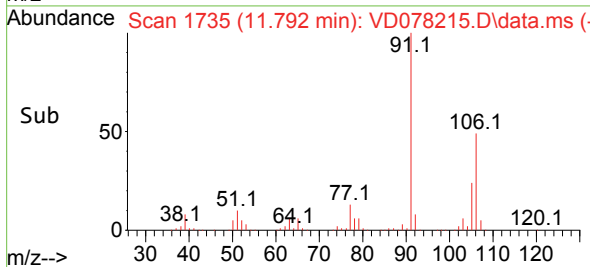
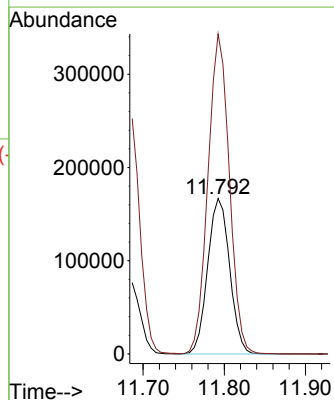
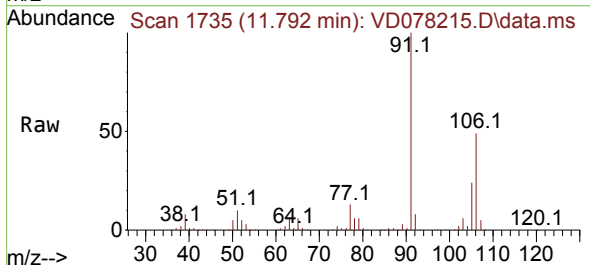
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

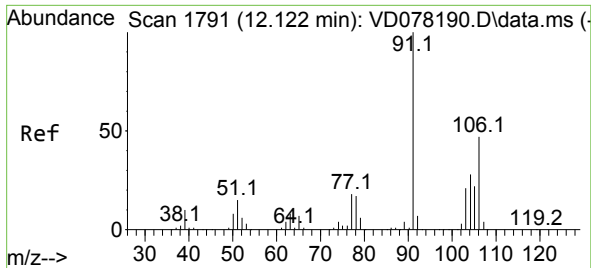
Tgt Ion: 91 Resp: 413078
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7



#68
m/p-Xylenes
Concen: 97.107 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 106 Resp: 313686
Ion Ratio Lower Upper
106 100
91 200.3 147.0 220.6

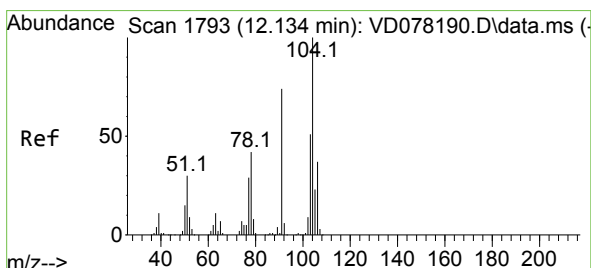
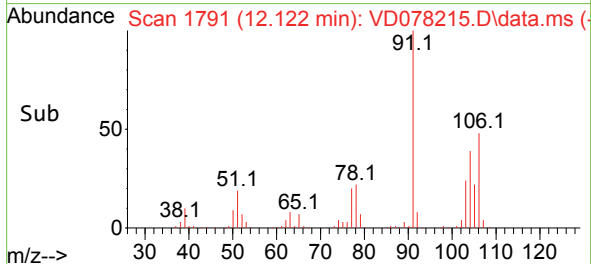
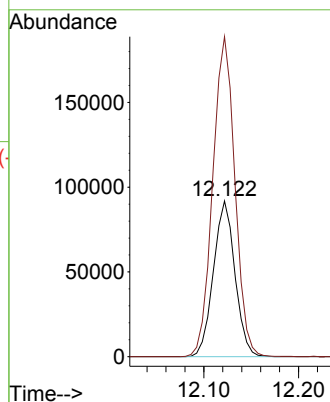
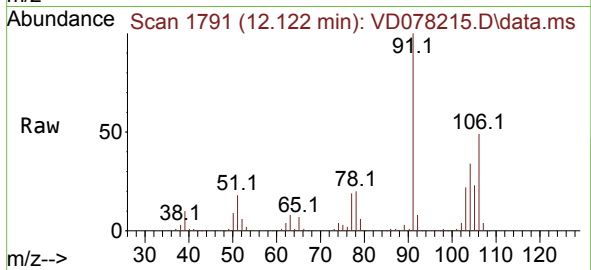




#69
o-Xylene
Concen: 49.466 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

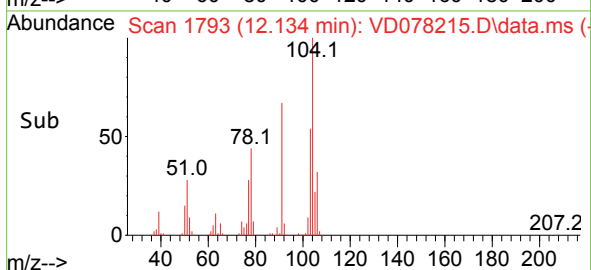
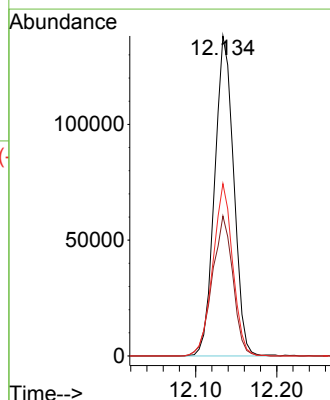
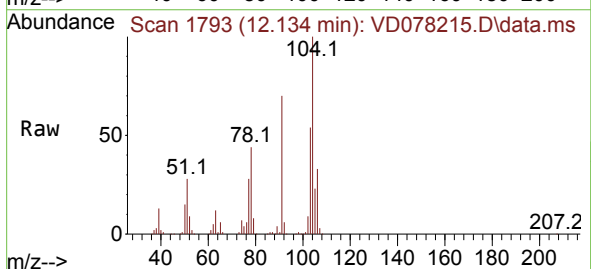
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

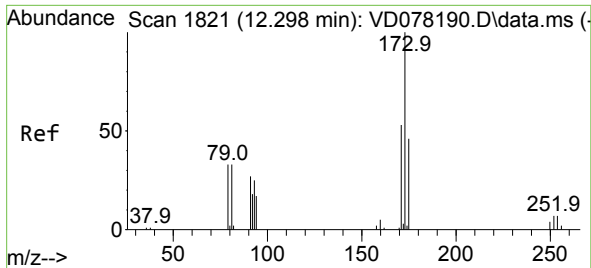
Tgt Ion:106 Resp: 145015
Ion Ratio Lower Upper
106 100
91 211.7 97.9 293.6



#70
Styrene
Concen: 51.454 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:104 Resp: 226034
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 56.0 43.6 65.4

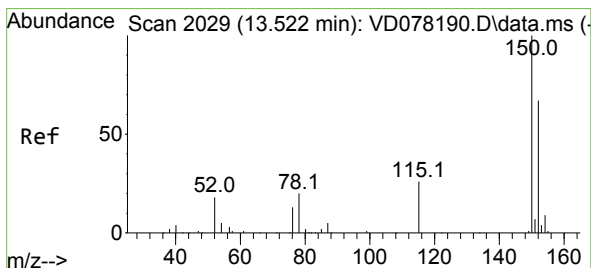
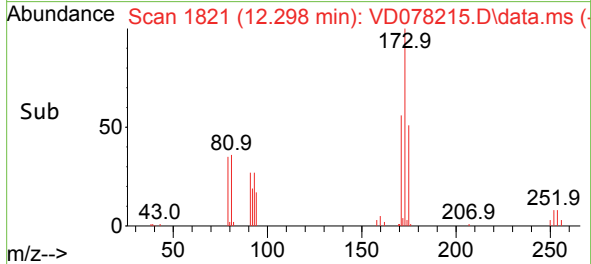
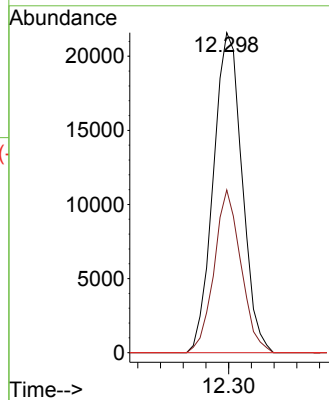
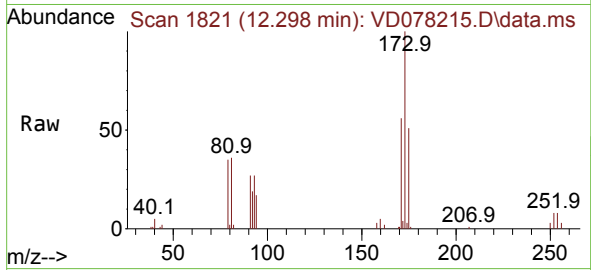




#71
Bromoform
Concen: 46.126 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

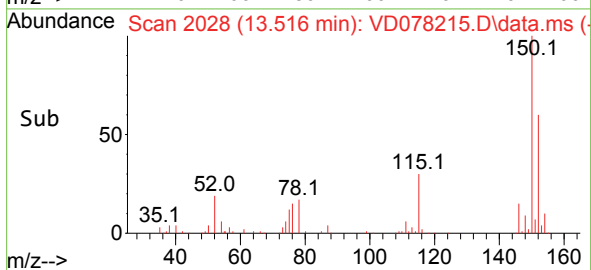
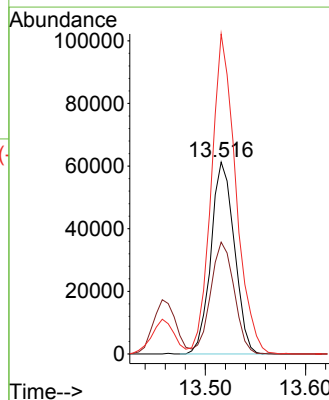
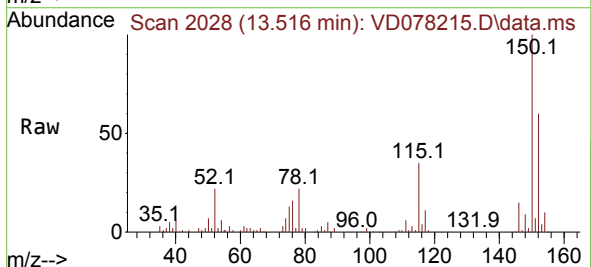
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

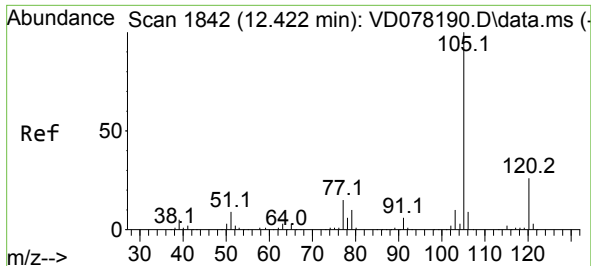
Tgt Ion:173 Resp: 37940
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:152 Resp: 99525
Ion Ratio Lower Upper
152 100
115 58.6 27.1 81.3
150 174.6 0.0 353.6

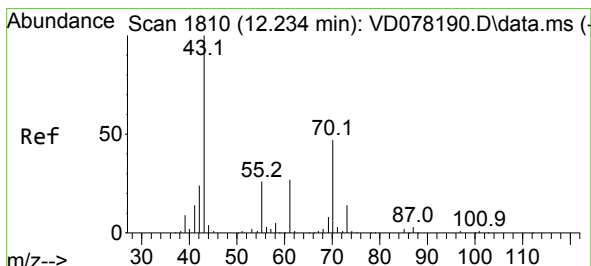
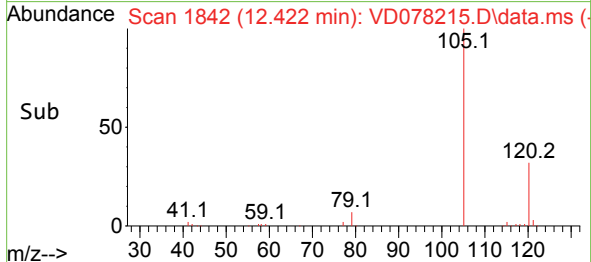
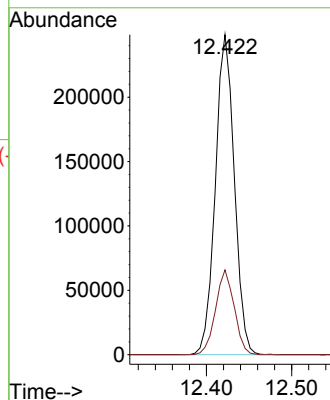
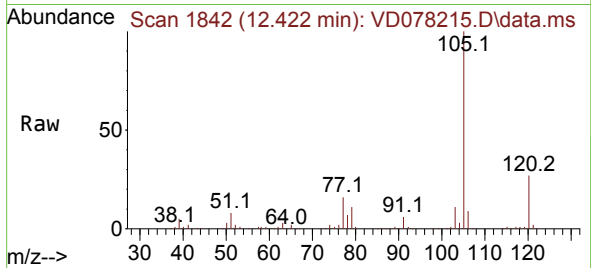




#73
Isopropylbenzene
Concen: 49.113 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

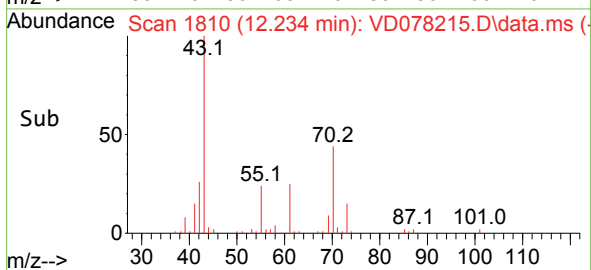
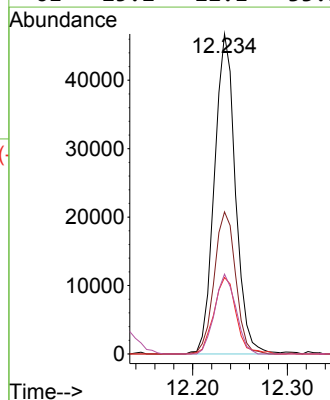
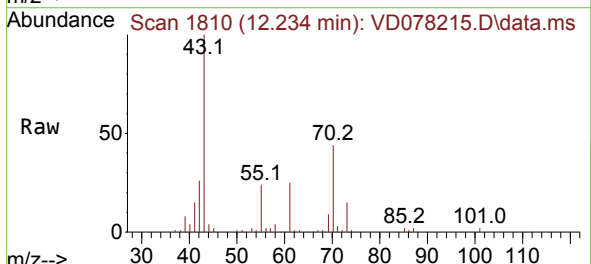
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

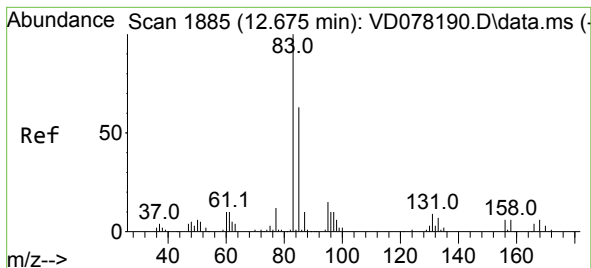
Tgt Ion:105 Resp: 384328
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9



#74
N-ethyl acetate
Concen: 48.120 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 43 Resp: 72044
Ion Ratio Lower Upper
43 100
70 45.3 45.0 67.4
55 25.3 23.8 35.6
61 25.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.377 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

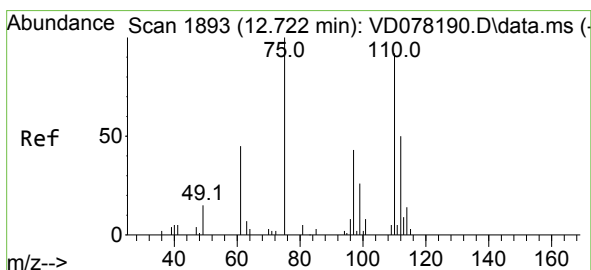
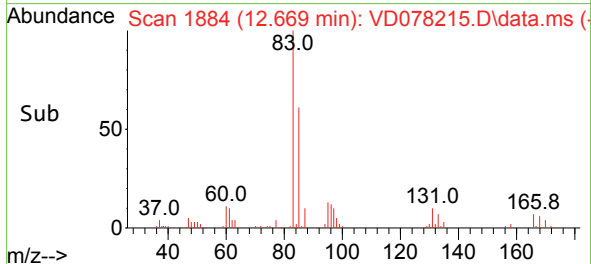
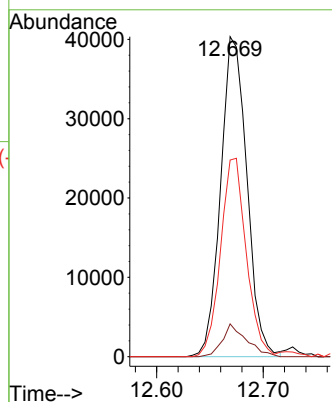
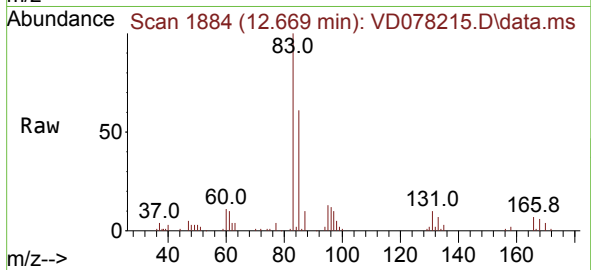
Tgt Ion: 83 Resp: 68986

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 61.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 88.880 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078215.D

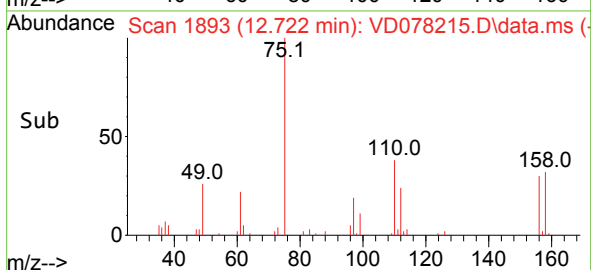
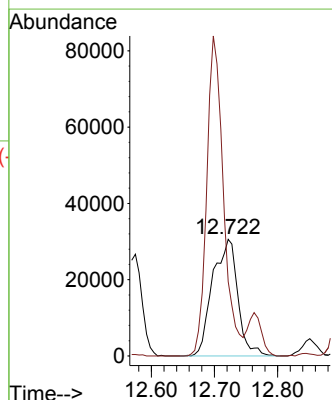
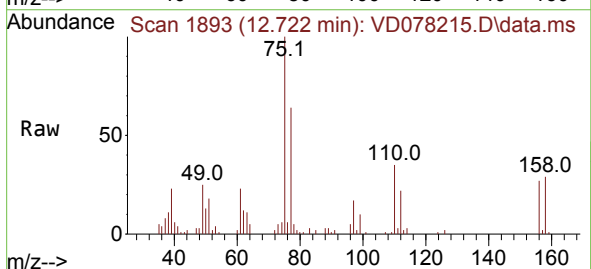
Acq: 23 Jan 2024 18:23

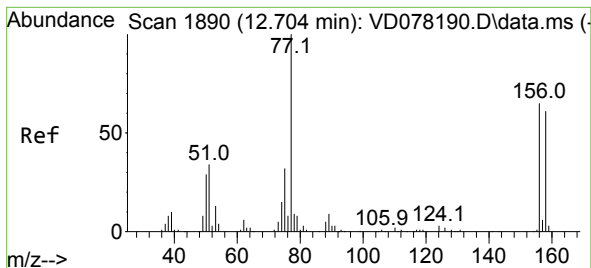
Tgt Ion: 75 Resp: 84842

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.832 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

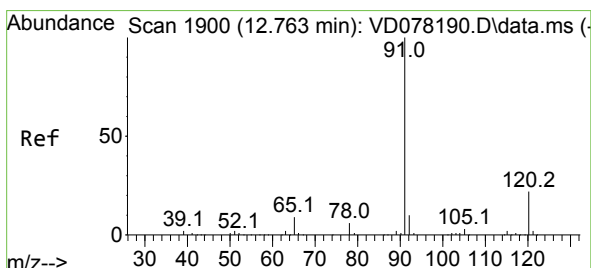
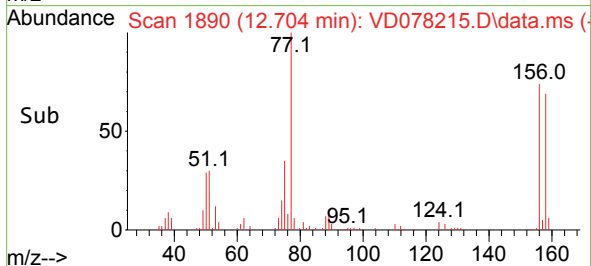
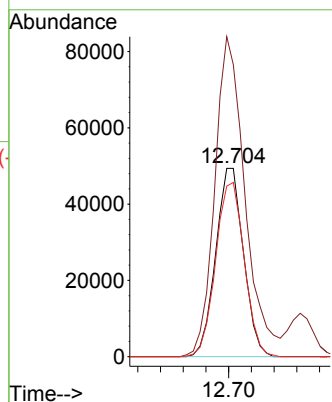
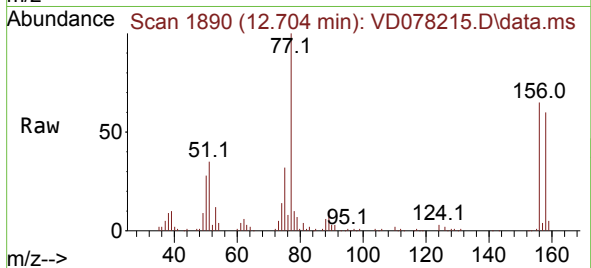
Tgt Ion:156 Resp: 83781

Ion Ratio Lower Upper

156 100

77 184.8 76.8 230.4

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 48.556 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078215.D

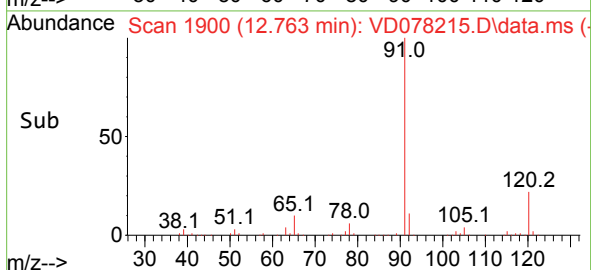
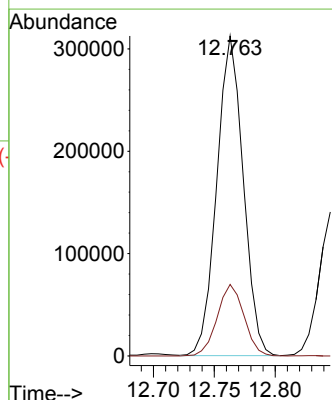
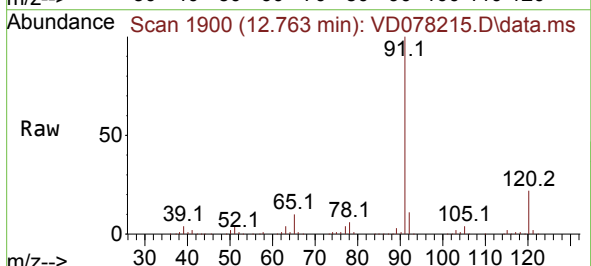
Acq: 23 Jan 2024 18:23

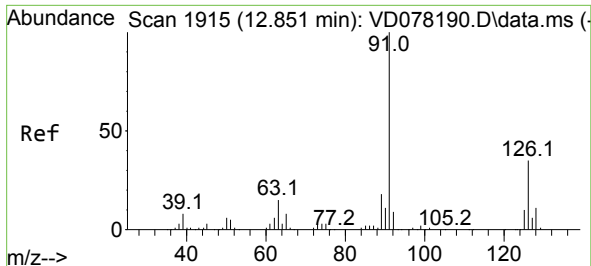
Tgt Ion: 91 Resp: 471268

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2

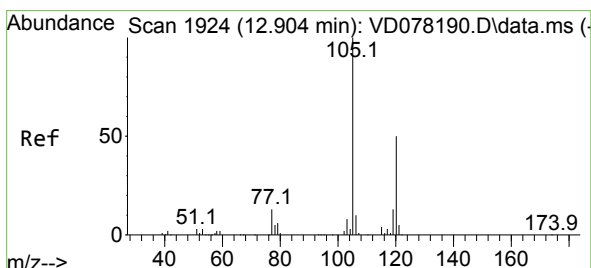
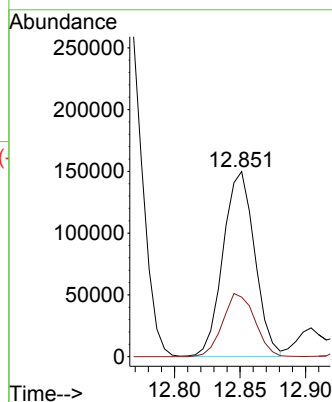
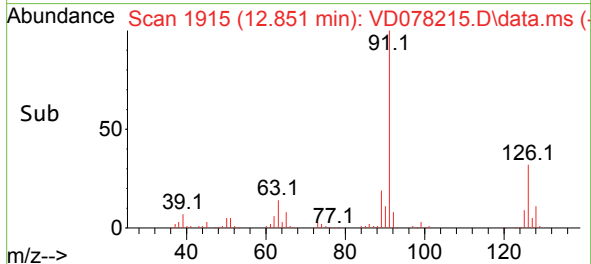
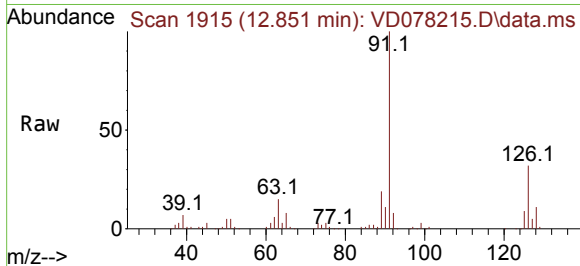




#79
2-Chlorotoluene
Concen: 48.596 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

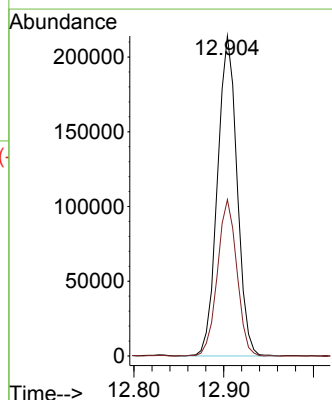
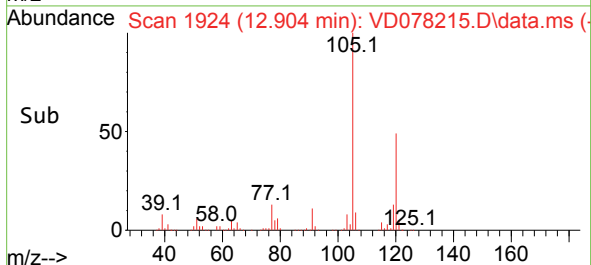
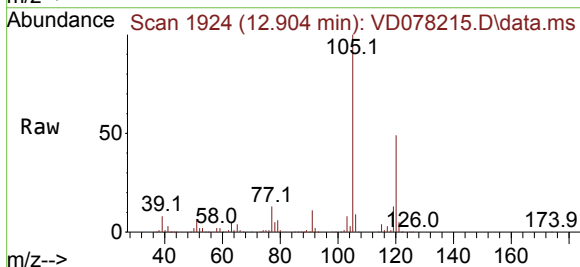
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

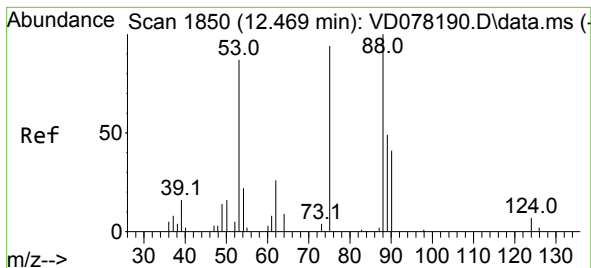
Tgt Ion: 91 Resp: 251699
Ion Ratio Lower Upper
91 100
126 34.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 50.041 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 105 Resp: 324696
Ion Ratio Lower Upper
105 100
120 48.4 26.4 79.2

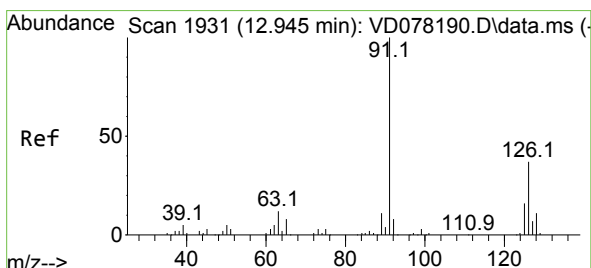
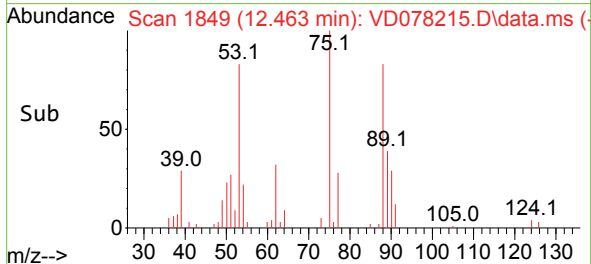
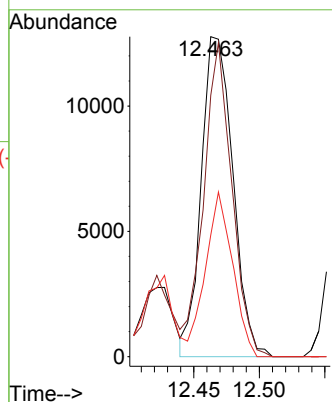
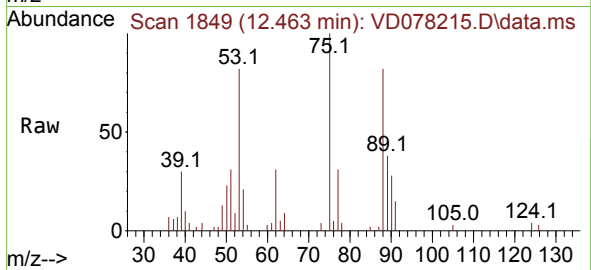




#81
trans-1,4-Dichloro-2-butene
Concen: 48.324 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

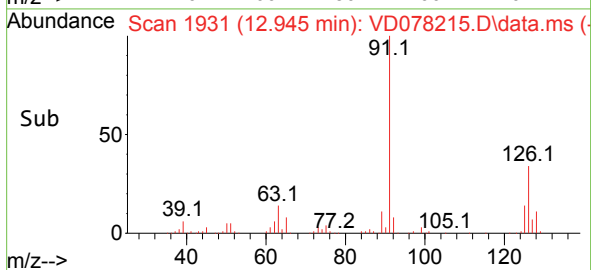
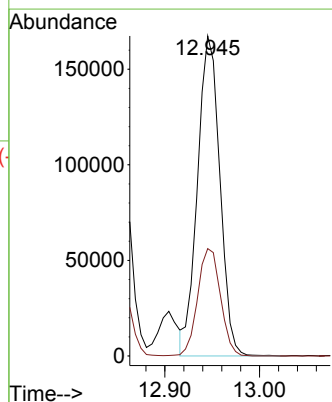
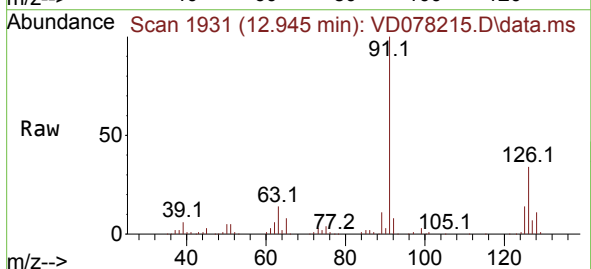
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

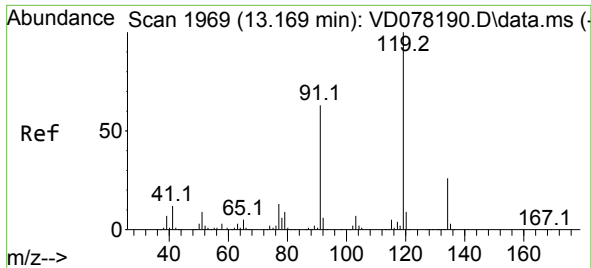
Tgt Ion: 75 Resp: 21415
Ion Ratio Lower Upper
75 100
53 87.8 63.0 94.4
89 43.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.243 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion: 91 Resp: 274310
Ion Ratio Lower Upper
91 100
126 34.3 19.4 58.4

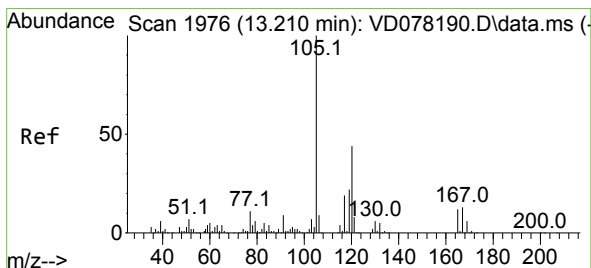
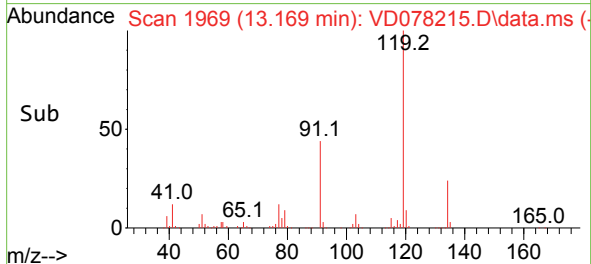
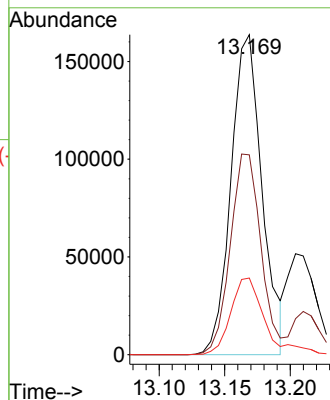
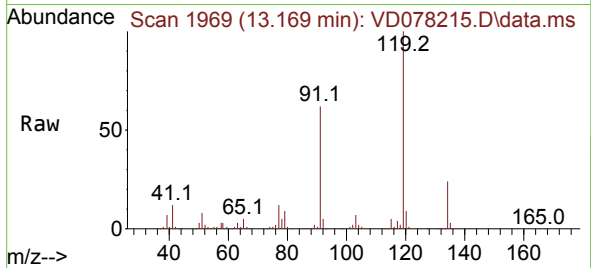




#83
tert-Butylbenzene
Concen: 49.821 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

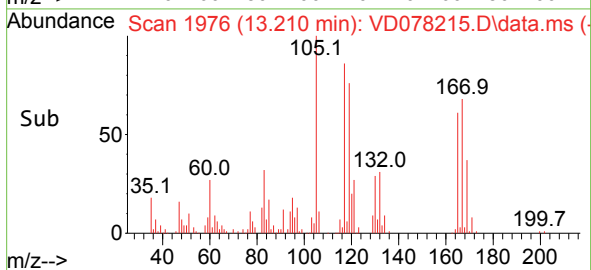
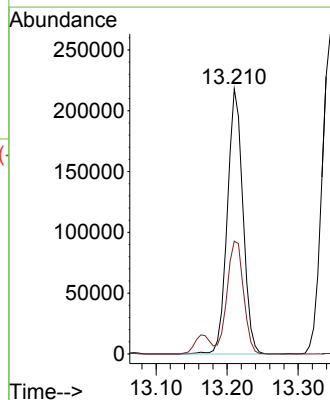
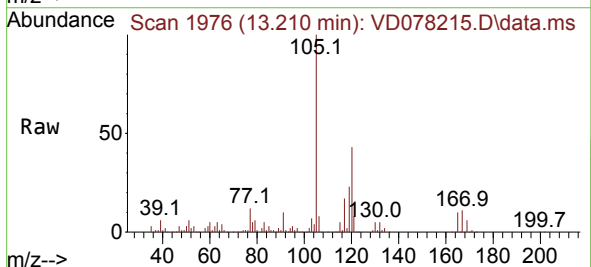
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

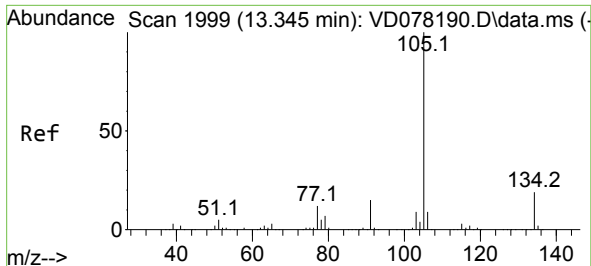
Tgt Ion:119 Resp: 270238
Ion Ratio Lower Upper
119 100
91 61.7 29.3 87.8
134 26.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 50.449 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:105 Resp: 331062
Ion Ratio Lower Upper
105 100
120 45.2 24.3 72.9

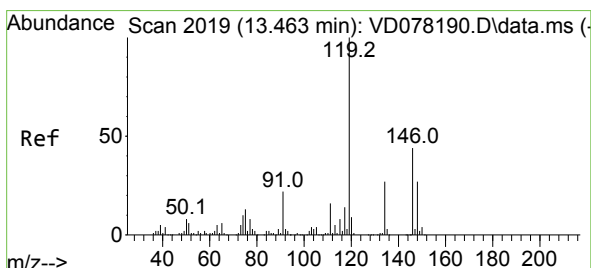
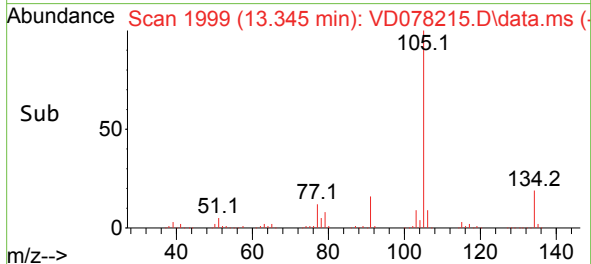
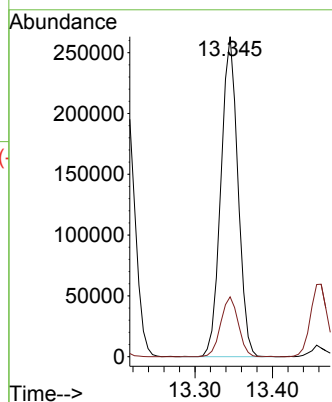
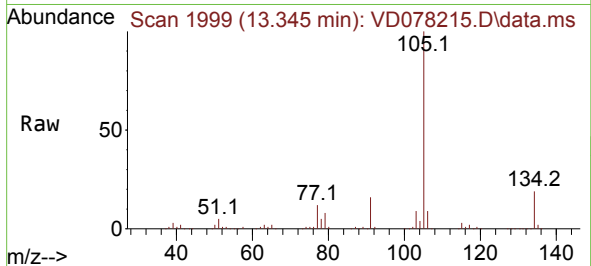




#85
 sec-Butylbenzene
 Concen: 48.813 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

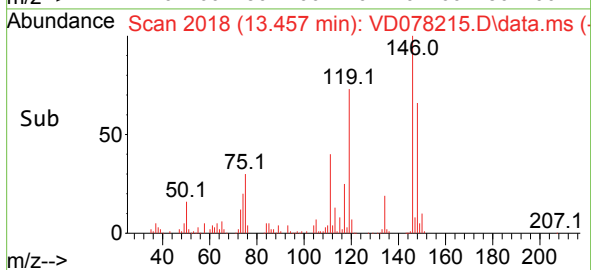
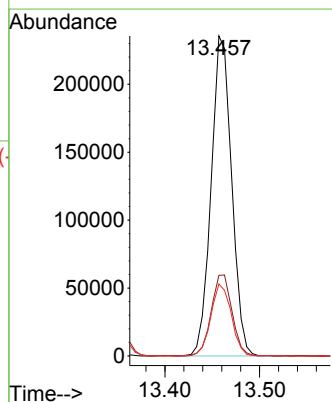
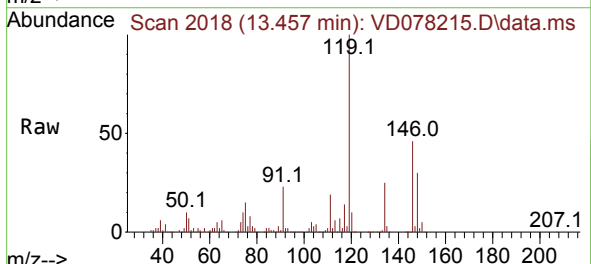
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

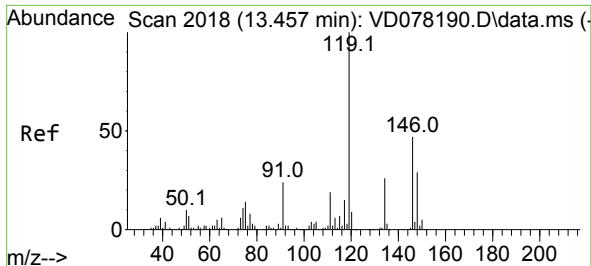
Tgt Ion:105 Resp: 400909
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 49.560 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078215.D
 Acq: 23 Jan 2024 18:23

Tgt Ion:119 Resp: 354219
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 22.5 10.5 31.5

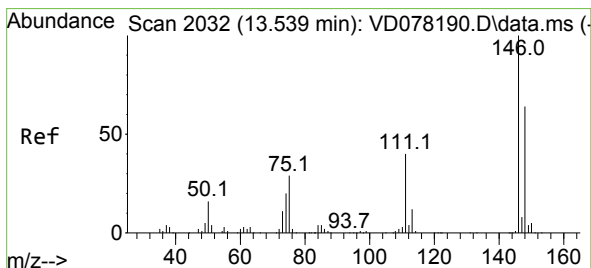
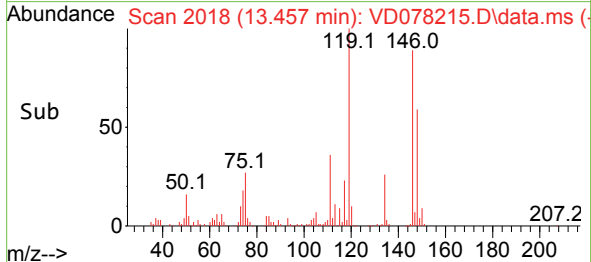
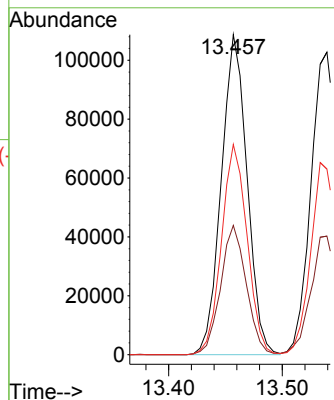
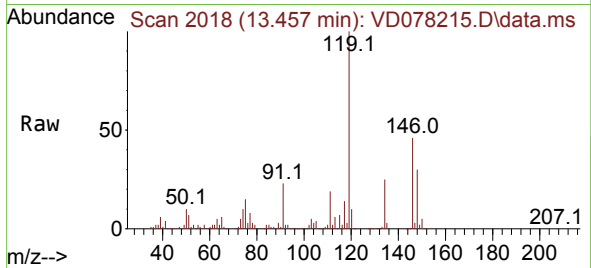




#87
1,3-Dichlorobenzene
Concen: 48.268 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

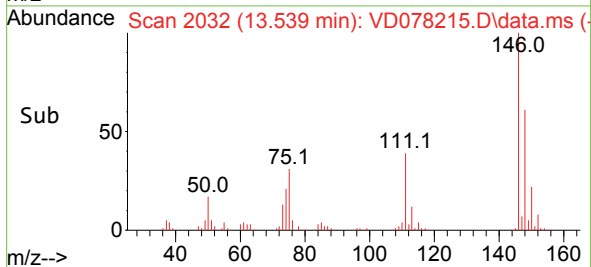
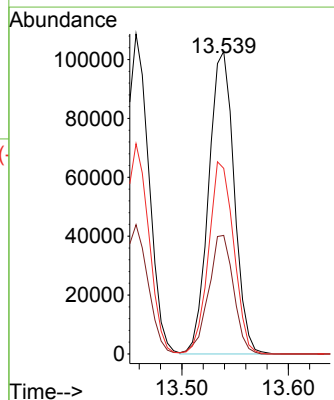
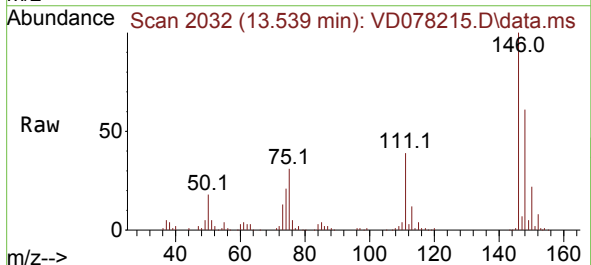
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

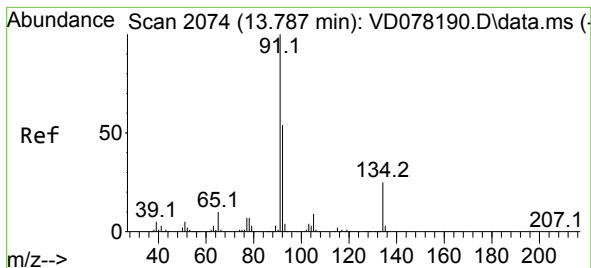
Tgt Ion:146 Resp: 171460
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 65.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 48.619 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:146 Resp: 170624
Ion Ratio Lower Upper
146 100
111 38.6 17.4 52.3
148 62.7 31.7 95.1





#89

n-Butylbenzene

Concen: 49.568 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078215.D

Acq: 23 Jan 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

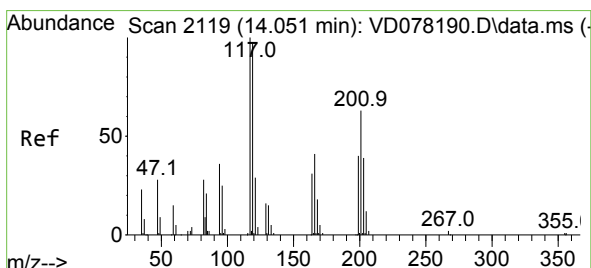
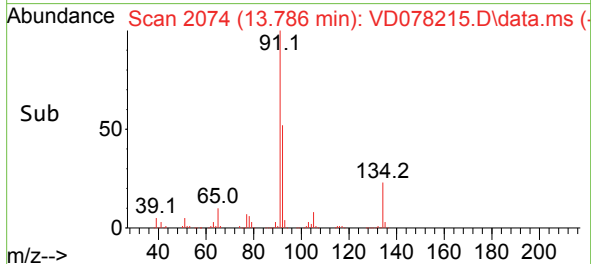
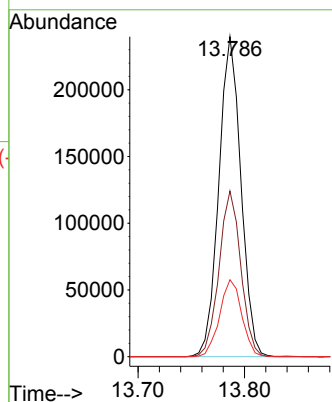
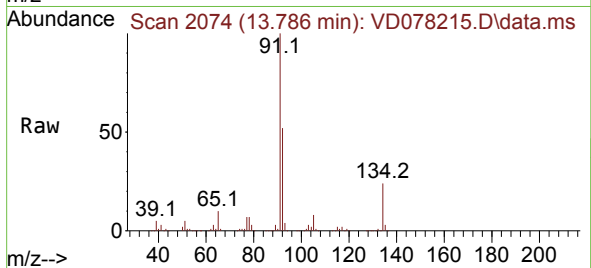
Tgt Ion: 91 Resp: 344887

Ion Ratio Lower Upper

91 100

92 51.0 26.5 79.5

134 24.2 13.8 41.3



#90

Hexachloroethane

Concen: 48.272 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078215.D

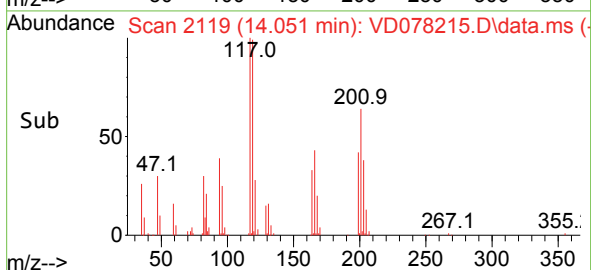
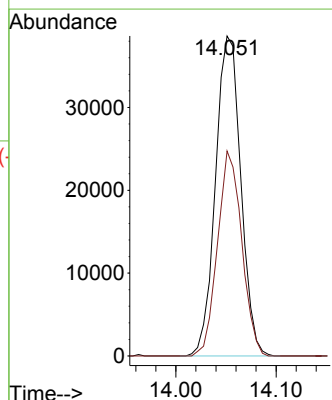
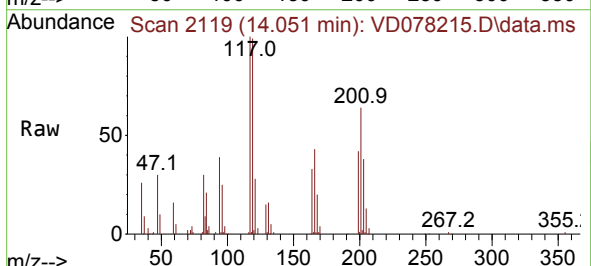
Acq: 23 Jan 2024 18:23

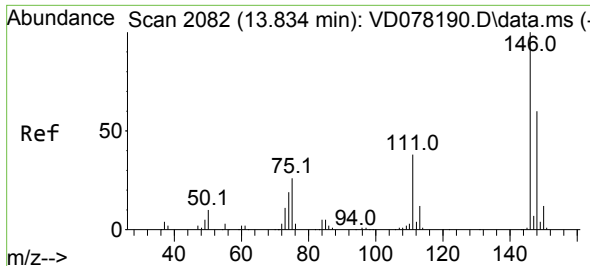
Tgt Ion: 117 Resp: 67678

Ion Ratio Lower Upper

117 100

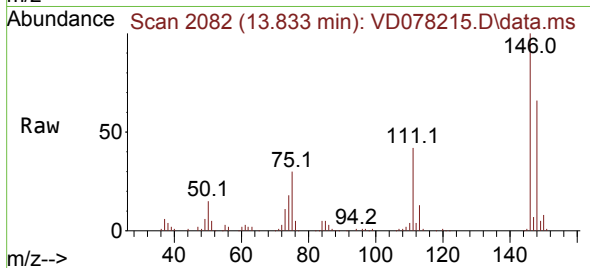
201 61.2 38.5 115.5



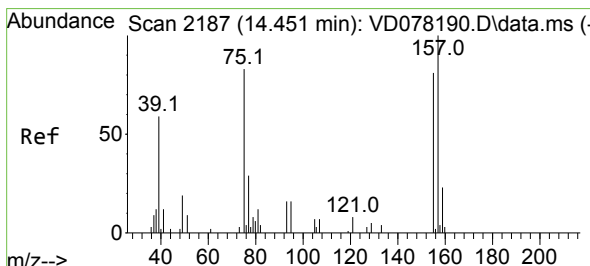
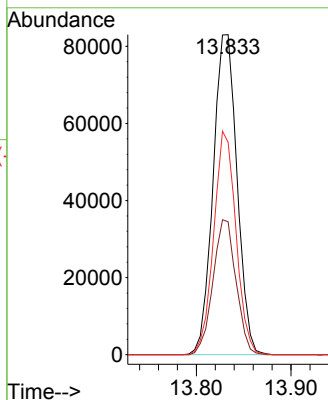
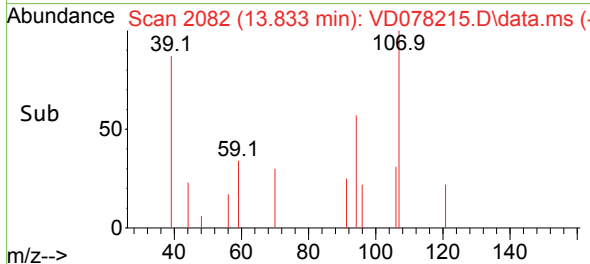


#91
1,2-Dichlorobenzene
Concen: 48.830 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

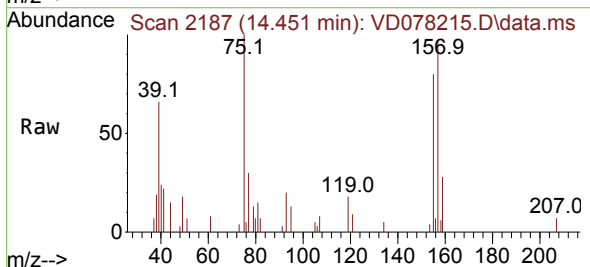
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



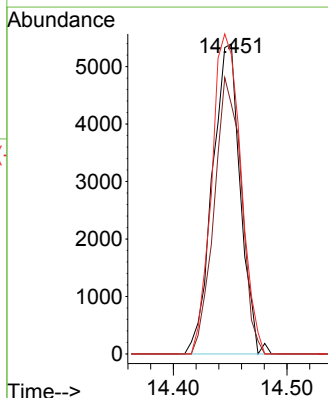
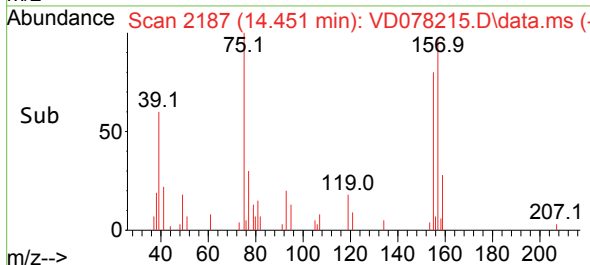
Tgt Ion:146 Resp: 145859
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 65.1 31.6 94.7

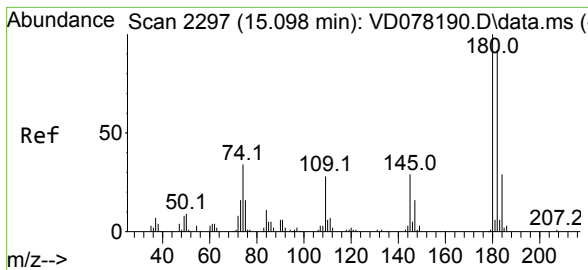


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.164 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23



Tgt Ion: 75 Resp: 9190
Ion Ratio Lower Upper
75 100
155 86.7 47.9 143.8
157 108.0 59.9 179.7

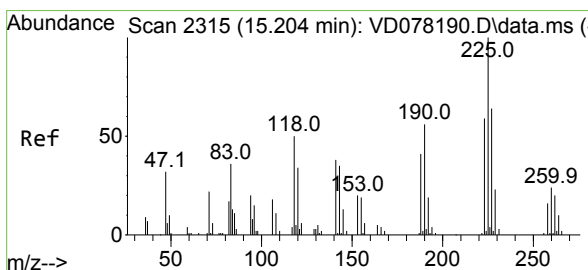
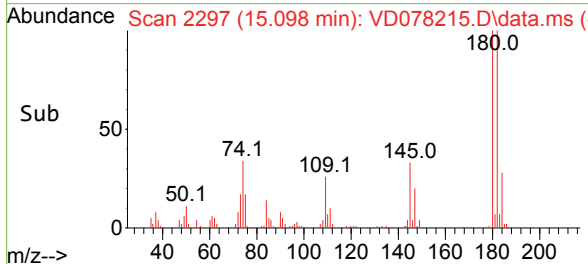
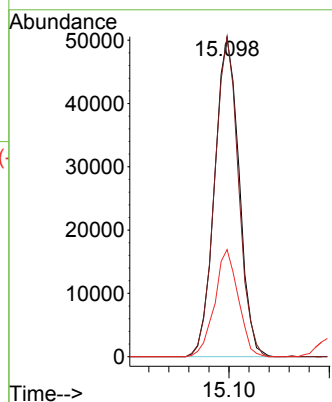
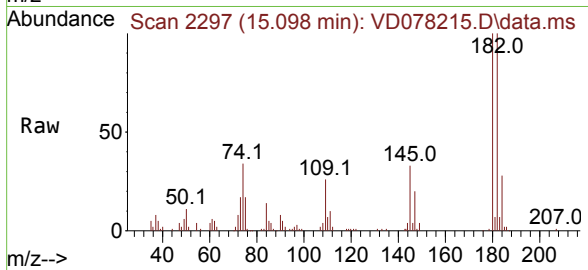




#93
1,2,4-Trichlorobenzene
Concen: 46.172 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

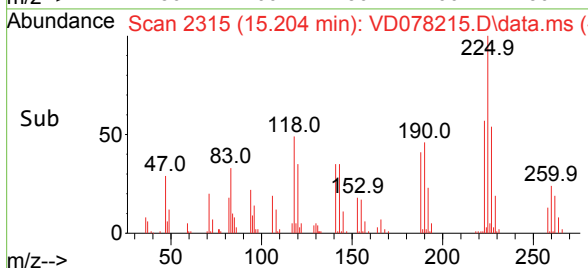
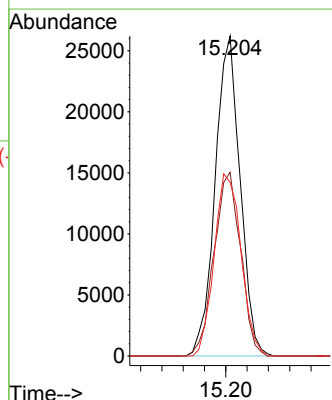
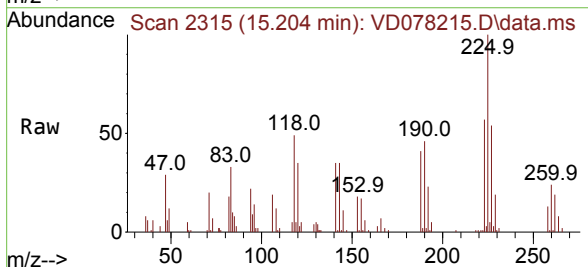
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

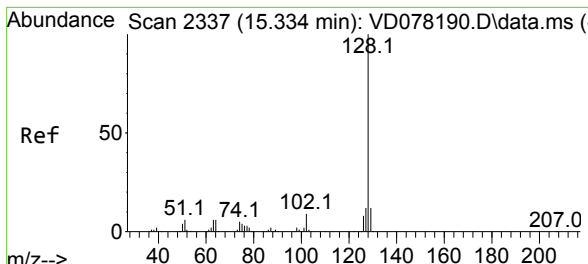
Tgt Ion:180 Resp: 85254
Ion Ratio Lower Upper
180 100
182 97.7 48.5 145.6
145 32.3 14.2 42.6



#94
Hexachlorobutadiene
Concen: 47.745 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:225 Resp: 42601
Ion Ratio Lower Upper
225 100
223 61.1 31.6 94.8
227 61.2 31.7 95.1

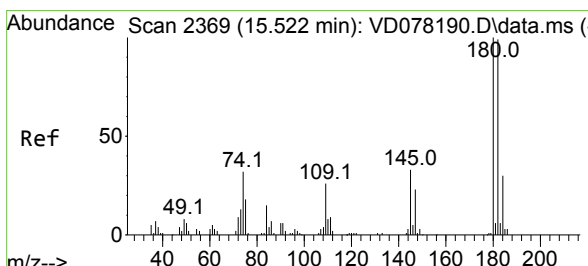
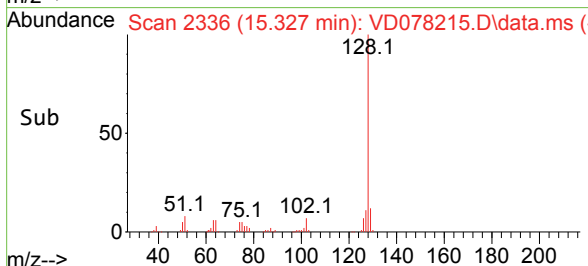
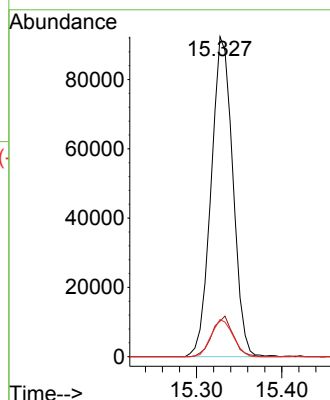
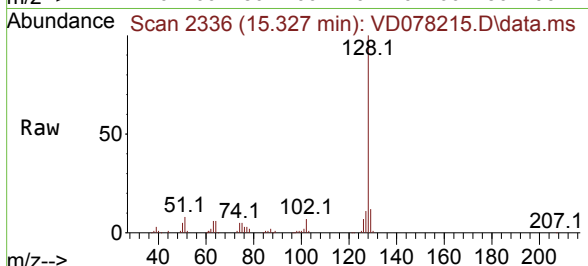




#95
Naphthalene
Concen: 47.332 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	163401
Ion Ratio	Lower	Upper	
128	100		
127	11.1	10.5	15.7
129	11.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.936 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078215.D
Acq: 23 Jan 2024 18:23

Tgt Ion:	180	Resp:	71162
Ion Ratio	Lower	Upper	
180	100		
182	97.9	47.3	141.9
145	35.3	15.1	45.3

