

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078633.D
 Acq On : 12 Mar 2024 09:58
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 03:01:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	141288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69041	49.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.580%
35) Dibromofluoromethane	7.810	113	80049	53.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.760%
50) Toluene-d8	10.269	98	308248	53.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.575	95	91200	55.314	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	58375	53.177	ug/l	97
3) Chloromethane	2.152	50	87362	43.200	ug/l	97
4) Vinyl Chloride	2.287	62	143285	41.258	ug/l	97
5) Bromomethane	2.699	94	129000	46.508	ug/l	97
6) Chloroethane	2.840	64	109863	42.681	ug/l	98
7) Trichlorofluoromethane	3.181	101	120723	51.408	ug/l	94
8) Diethyl Ether	3.599	74	35676	54.103	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.975	101	76826	51.908	ug/l	99
10) Methyl Iodide	4.169	142	92465	59.703	ug/l	91
11) Tert butyl alcohol	5.052	59	16980	257.674	ug/l	98
12) 1,1-Dichloroethene	3.940	96	71659	51.863	ug/l	94
13) Acrolein	3.793	56	26903	193.686	ug/l	100
14) Allyl chloride	4.569	41	79771	50.689	ug/l	93
15) Acrylonitrile	5.252	53	77566	285.320	ug/l	97
16) Acetone	4.022	43	77458	288.673	ug/l	95
17) Carbon Disulfide	4.275	76	222667	48.371	ug/l	98
18) Methyl Acetate	4.569	43	31697	62.410	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	155928	55.504	ug/l	100
20) Methylene Chloride	4.805	84	91745	49.941	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	86415	52.052	ug/l	97
22) Diisopropyl ether	6.222	45	186435	52.839	ug/l	96
23) Vinyl Acetate	6.158	43	568663	271.366	ug/l	95
24) 1,1-Dichloroethane	6.116	63	136091	51.054	ug/l	100
25) 2-Butanone	7.081	43	96633	285.500	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	118360	52.560	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	97324	53.539	ug/l	99
28) Bromochloromethane	7.428	49	52489	52.709	ug/l	97
29) Tetrahydrofuran	7.452	42	50609	269.136	ug/l	97
30) Chloroform	7.599	83	148630	51.641	ug/l	93
31) Cyclohexane	7.875	56	105118	47.952	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	127743	51.738	ug/l	98
36) 1,1-Dichloropropene	8.010	75	114333	55.617	ug/l	97
37) Ethyl Acetate	7.163	43	35971	54.004	ug/l	97
38) Carbon Tetrachloride	7.993	117	119149	55.415	ug/l	96
39) Methylcyclohexane	9.275	83	135336	56.091	ug/l	98
40) Benzene	8.252	78	332027	54.491	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	20948	58.677	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	84851	54.891	ug/l	97
43) Isopropyl Acetate	8.363	43	70372	55.107	ug/l	95
44) Trichloroethene	9.028	130	89174	53.331	ug/l	94
45) 1,2-Dichloropropane	9.304	63	80270	54.840	ug/l	100
46) Dibromomethane	9.399	93	49625	58.810	ug/l	94
47) Bromodichloromethane	9.581	83	115980	55.743	ug/l	100
48) Methyl methacrylate	9.381	41	33475	57.868	ug/l	89
49) 1,4-Dioxane	9.387	88	9766	1045.380	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	193384	293.395	ug/l	95
52) Toluene	10.334	92	216604	55.401	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	108022	56.122	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	129113	56.024	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	67043	56.426	ug/l	96
56) Ethyl methacrylate	10.599	69	70271	59.008	ug/l	94
57) 1,3-Dichloropropane	10.881	76	104742	54.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	168185	317.418	ug/l	98
59) 2-Hexanone	10.922	43	147616	301.944	ug/l	93
60) Dibromochloromethane	11.075	129	81304	56.671	ug/l	94
61) 1,2-Dibromoethane	11.175	107	63836	58.541	ug/l	99
64) Tetrachloroethene	10.810	164	74742	54.746	ug/l	97
65) Chlorobenzene	11.604	112	235688	55.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	87412	54.951	ug/l	98
67) Ethyl Benzene	11.681	91	417056	56.331	ug/l	99
68) m/p-Xylenes	11.793	106	333928	111.486	ug/l	94
69) o-Xylene	12.122	106	154494	56.857	ug/l	94
70) Styrene	12.134	104	274338	58.247	ug/l	100
71) Bromoform	12.298	173	50120	59.226	ug/l #	98
73) Isopropylbenzene	12.422	105	405349	53.491	ug/l	97
74) N-amyl acetate	12.234	43	67369	52.819	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	73959	50.947	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	87130	95.432	ug/l #	100
77) Bromobenzene	12.698	156	99626	54.361	ug/l	99
78) n-propylbenzene	12.763	91	490699	52.939	ug/l	98
79) 2-Chlorotoluene	12.851	91	263886	53.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	335418	54.395	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	22782	53.410	ug/l	98
82) 4-Chlorotoluene	12.945	91	280074	52.835	ug/l	97
83) tert-Butylbenzene	13.169	119	292147	55.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	342409	54.328	ug/l	99
85) sec-Butylbenzene	13.345	105	450756	54.418	ug/l	96
86) p-Isopropyltoluene	13.463	119	384297	55.112	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	208479	53.239	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	205328	52.336	ug/l	99
89) n-Butylbenzene	13.787	91	357045	54.792	ug/l	97
90) Hexachloroethane	14.057	117	74606	52.620	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	178458	53.651	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10351	53.493	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	109280	55.481	ug/l	96
94) Hexachlorobutadiene	15.204	225	58554	54.029	ug/l	98
95) Naphthalene	15.334	128	197076	56.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	95362	54.515	ug/l	99

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ClientSampleId :
VSTDCCC050

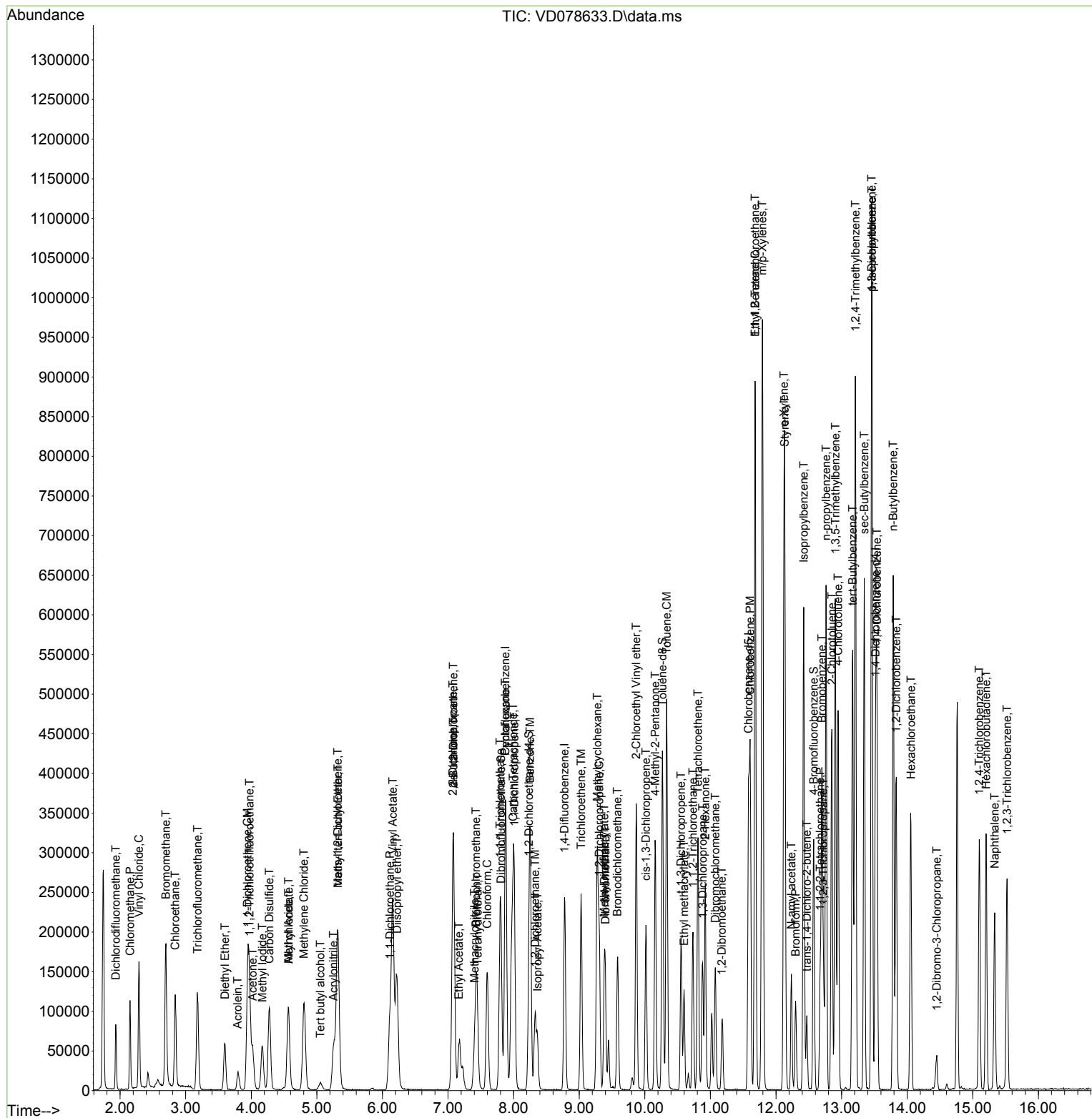
Quant Time: Mar 13 03:01:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

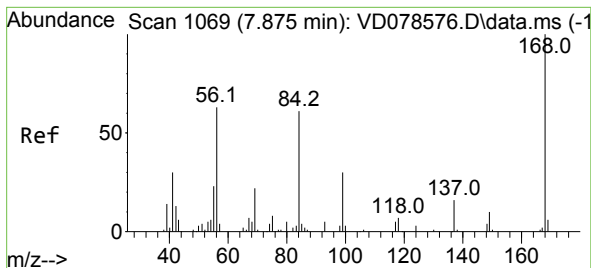
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
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QLast Update : Sat Mar 02 03:50:17 2024
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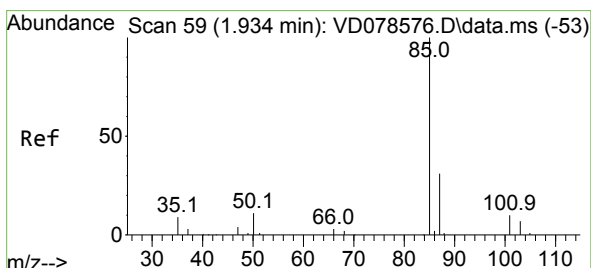
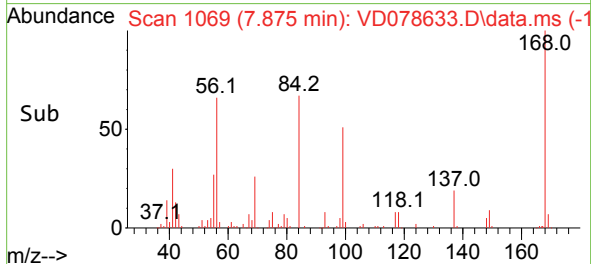
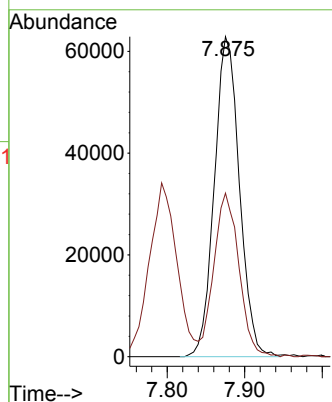
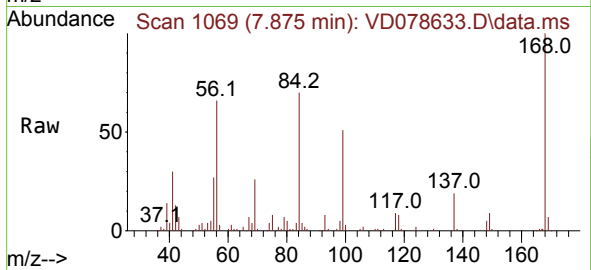




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078633.D
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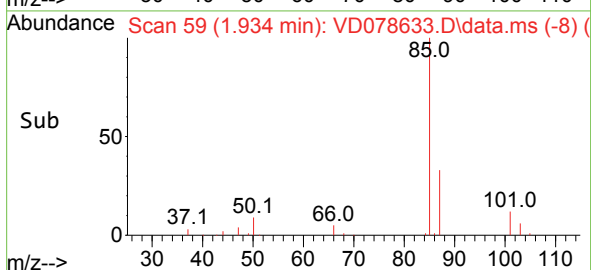
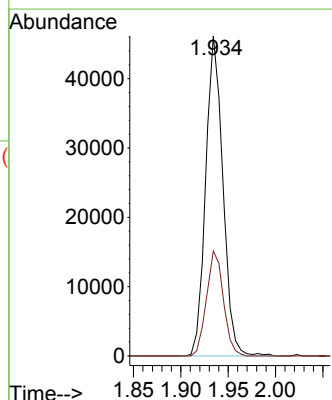
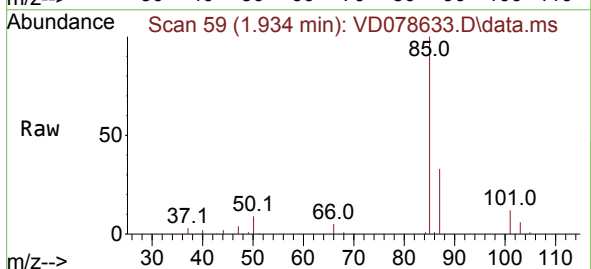
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

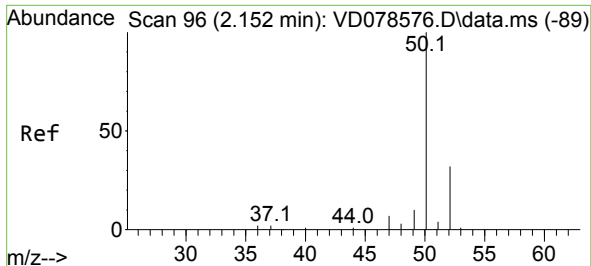
Tgt Ion:168 Resp: 141288
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 53.177 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 85 Resp: 58375
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

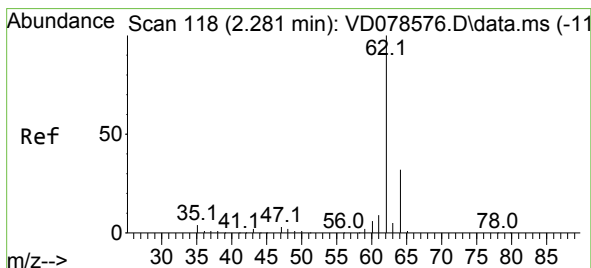
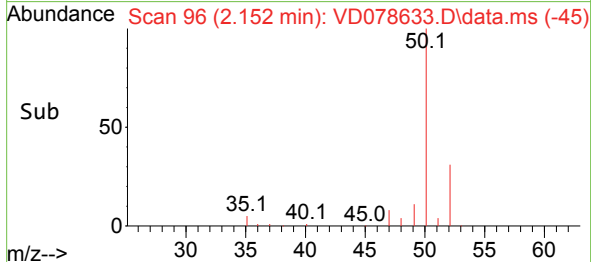
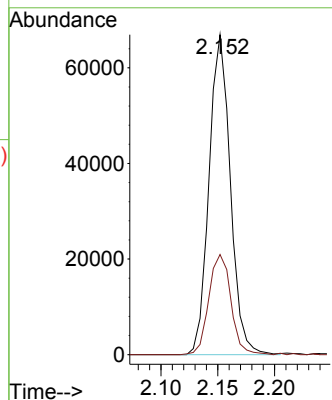
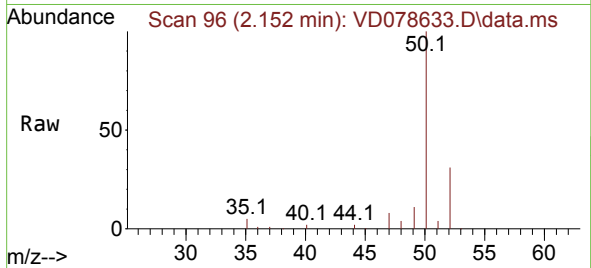




#3
Chloromethane
Concen: 43.200 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

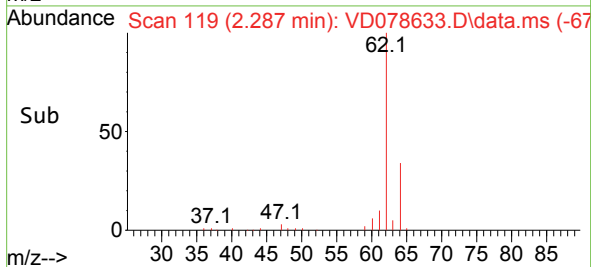
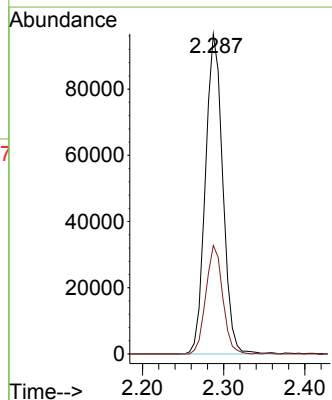
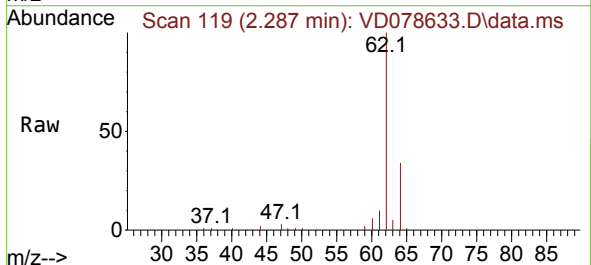
Instrument :
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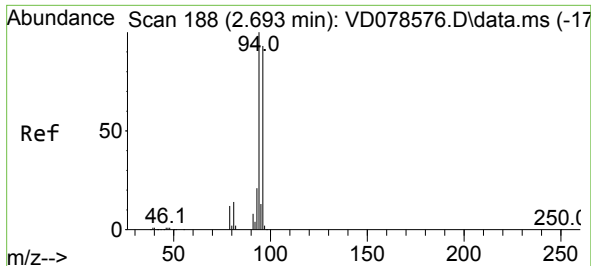
Tgt Ion: 50 Resp: 87362
Ion Ratio Lower Upper
50 100
52 31.3 26.6 40.0



#4
Vinyl Chloride
Concen: 41.258 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 62 Resp: 143285
Ion Ratio Lower Upper
62 100
64 33.9 26.0 39.0

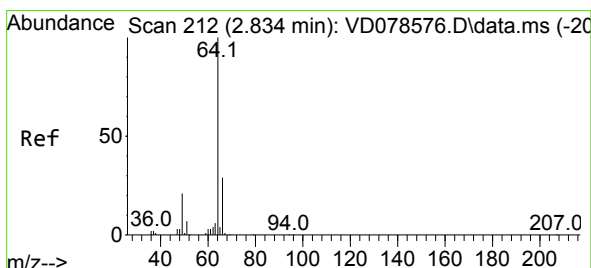
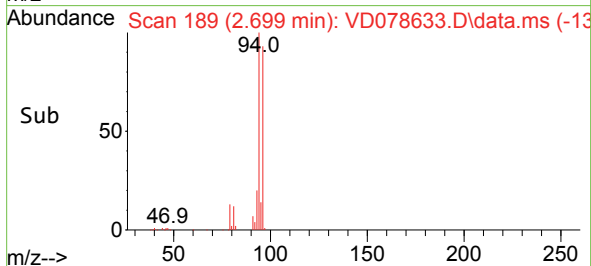
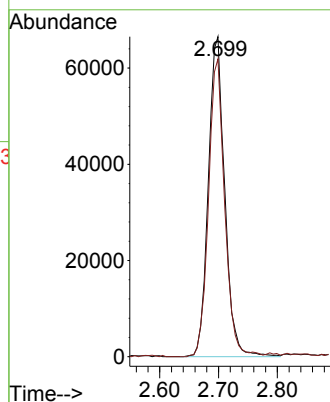
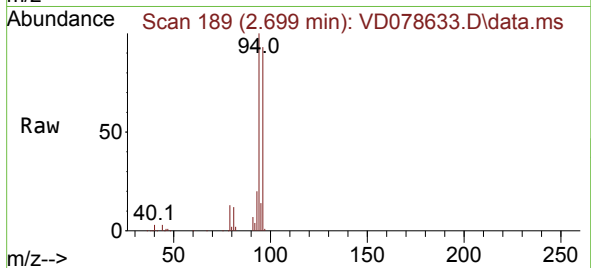




#5
Bromomethane
Concen: 46.508 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

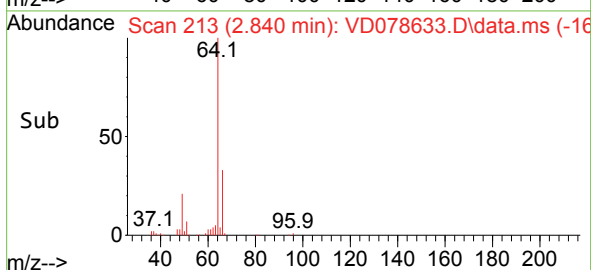
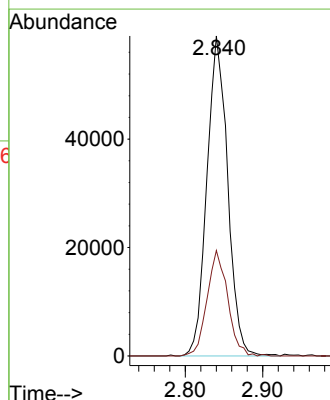
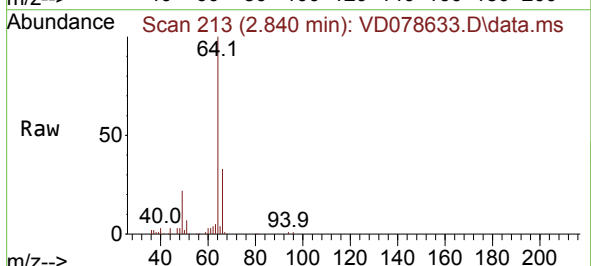
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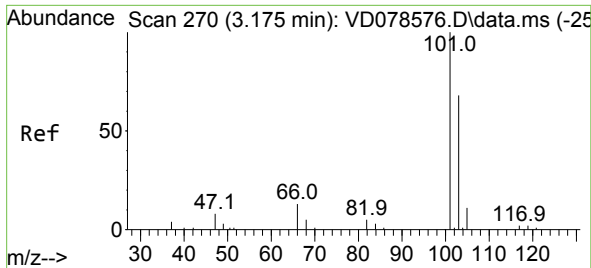
Tgt Ion: 94 Resp: 129000
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8



#6
Chloroethane
Concen: 42.681 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 64 Resp: 109863
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

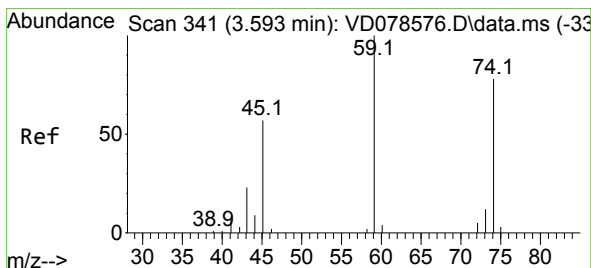
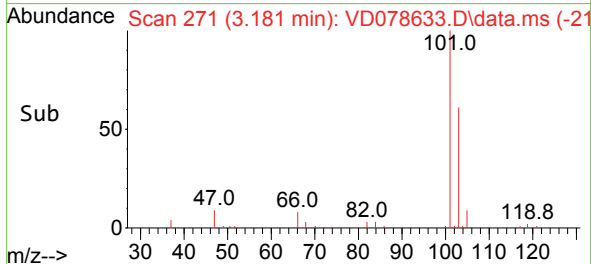
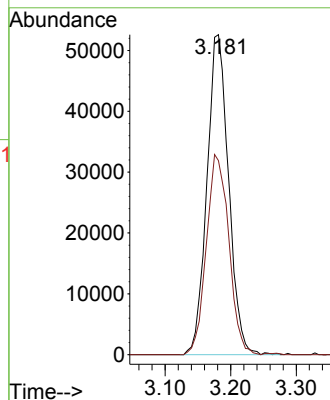
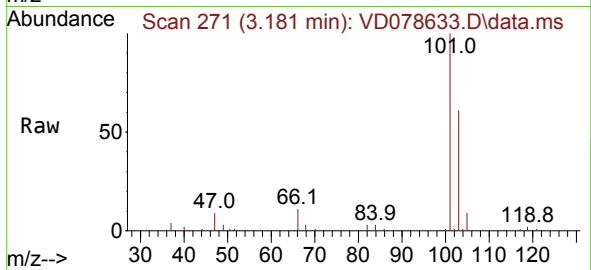




#7
Trichlorofluoromethane
Concen: 51.408 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

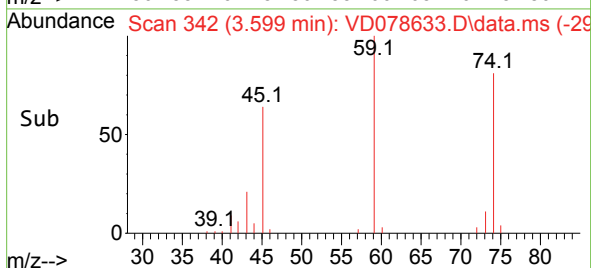
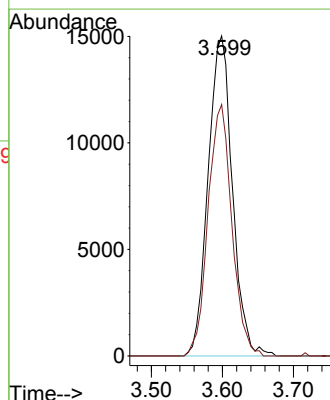
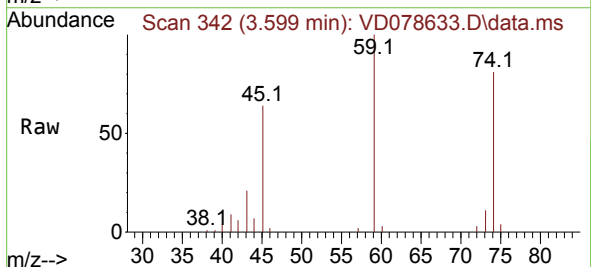
Instrument :
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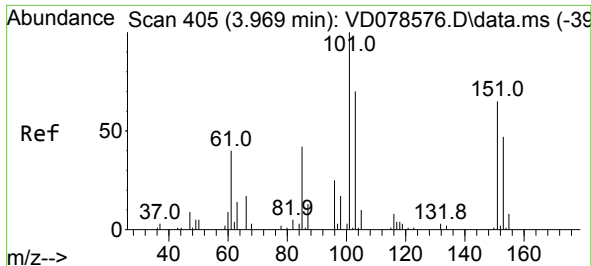
Tgt Ion:101 Resp: 120723
Ion Ratio Lower Upper
101 100
103 60.6 52.3 78.5



#8
Diethyl Ether
Concen: 54.103 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 74 Resp: 35676
Ion Ratio Lower Upper
74 100
45 77.0 37.5 112.7

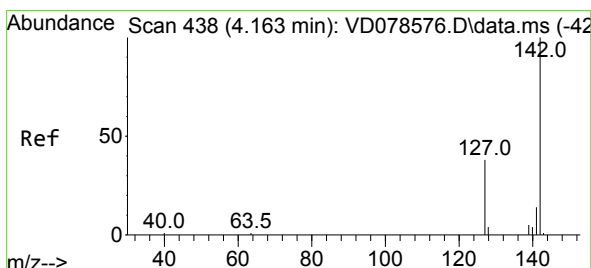
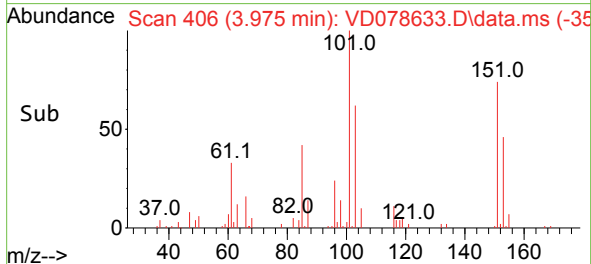
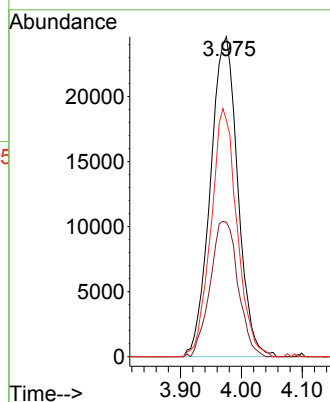
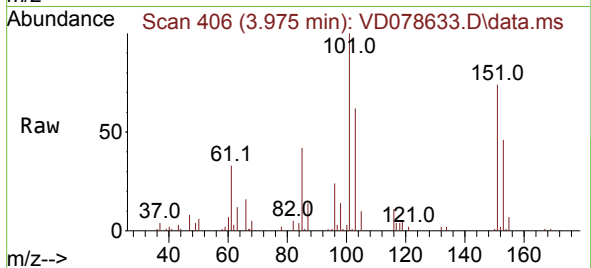




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.908 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

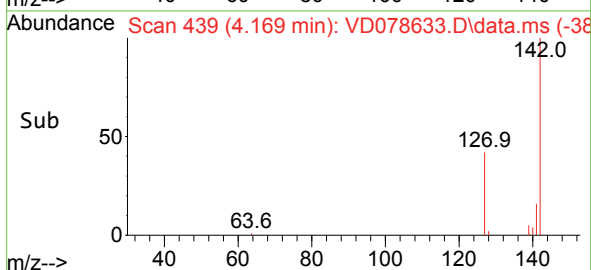
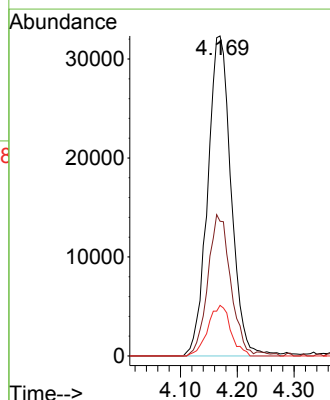
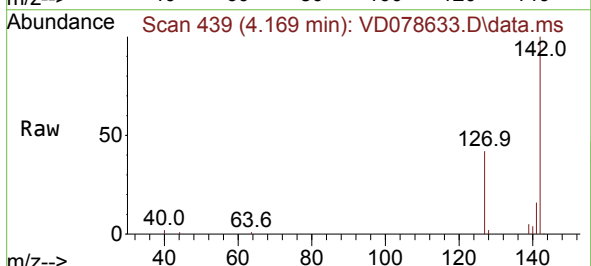
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

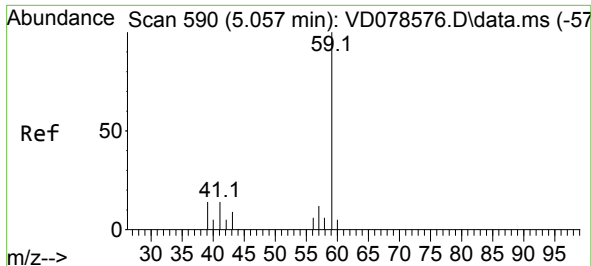
Tgt Ion:101 Resp: 76826
Ion Ratio Lower Upper
101 100
85 43.1 33.8 50.6
151 73.9 59.8 89.6



#10
Methyl Iodide
Concen: 59.703 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:142 Resp: 92465
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 15.4 11.1 16.7

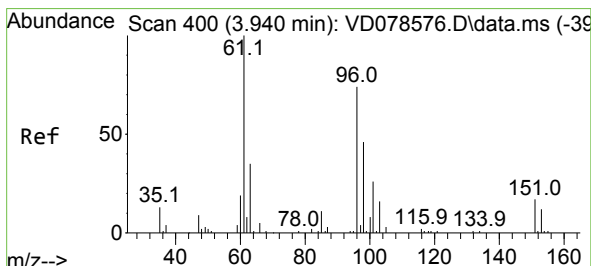
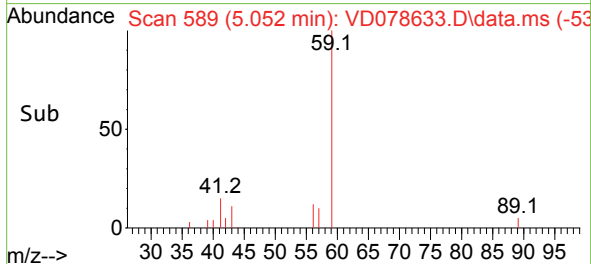
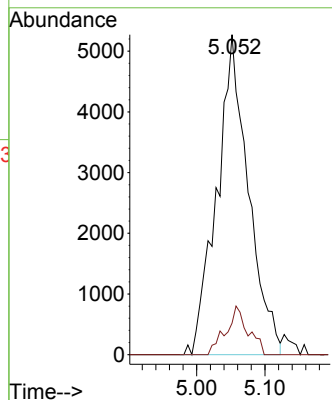
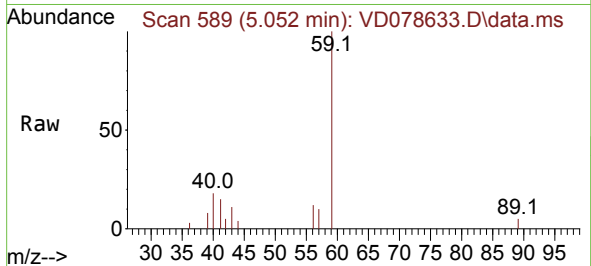




#11
Tert butyl alcohol
Concen: 257.674 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

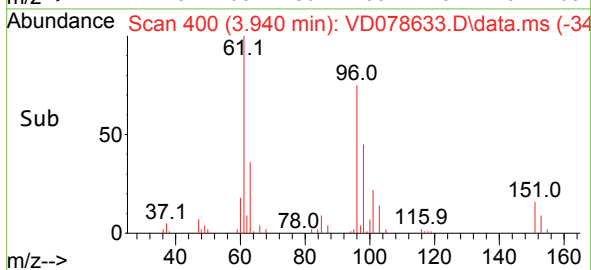
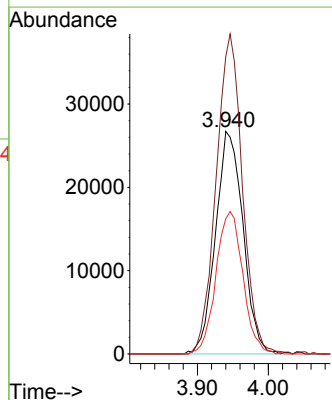
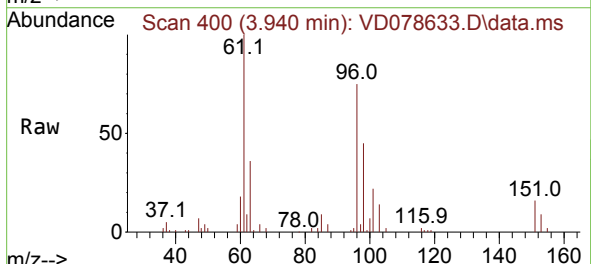
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

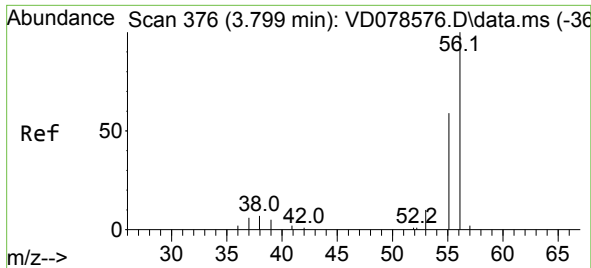
Tgt Ion: 59 Resp: 16980
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.863 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 96 Resp: 71659
Ion Ratio Lower Upper
96 100
61 133.8 100.6 150.8
98 60.8 50.2 75.2





#13

Acrolein

Concen: 193.686 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

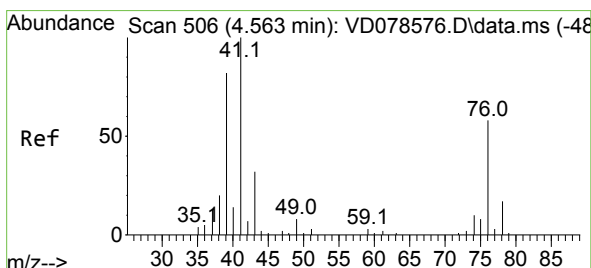
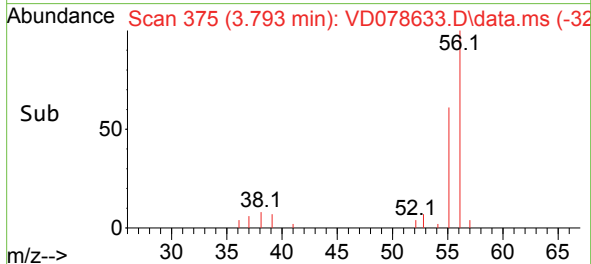
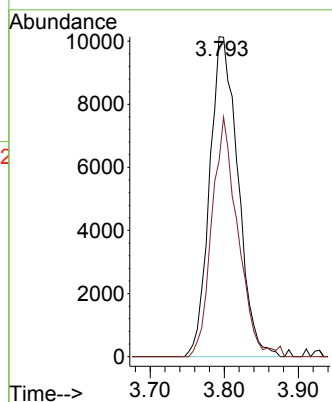
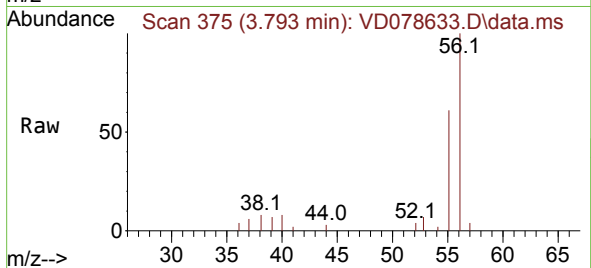
VSTDCCC050

Tgt Ion: 56 Resp: 26903

Ion Ratio Lower Upper

56 100

55 69.0 55.1 82.7



#14

Allyl chloride

Concen: 50.689 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

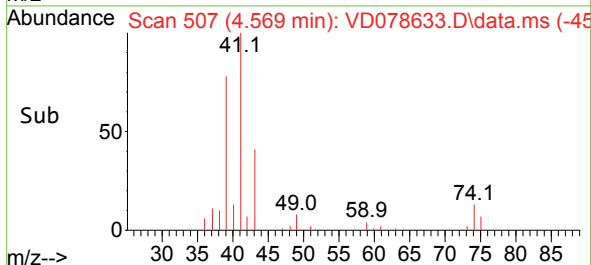
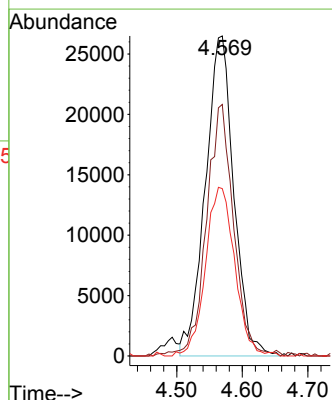
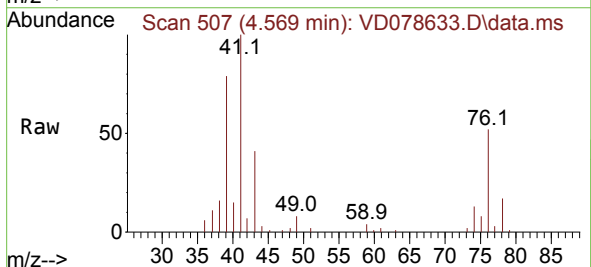
Tgt Ion: 41 Resp: 79771

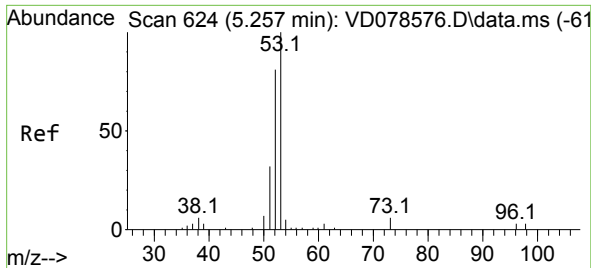
Ion Ratio Lower Upper

41 100

39 75.1 53.8 80.6

76 54.3 45.8 68.8

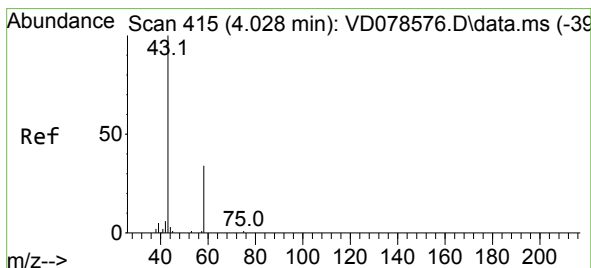
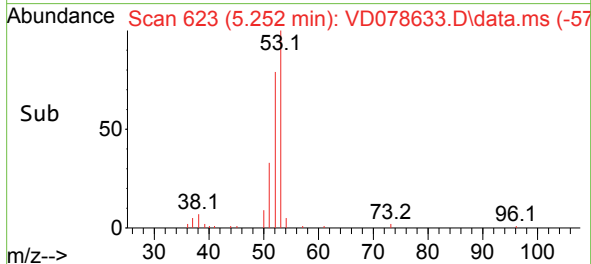
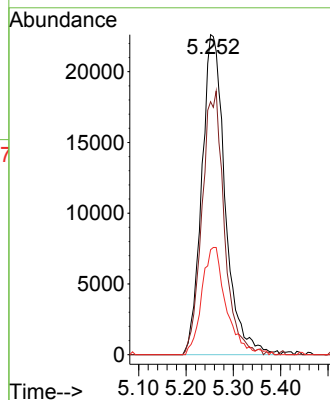
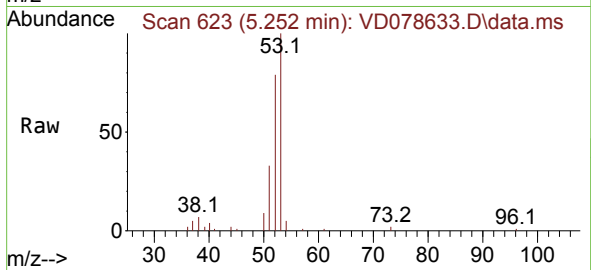




#15
Acrylonitrile
Concen: 285.320 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

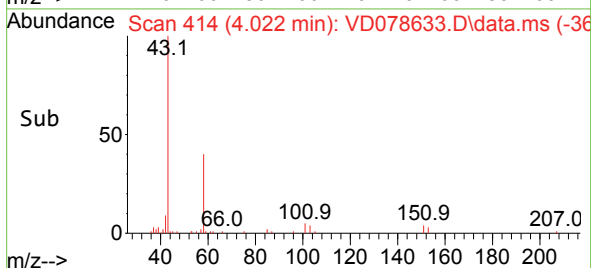
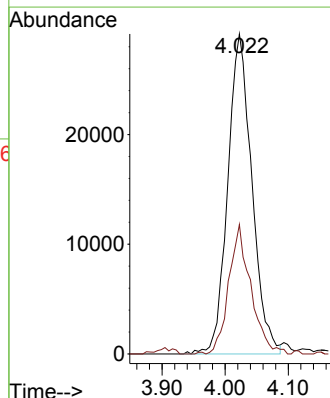
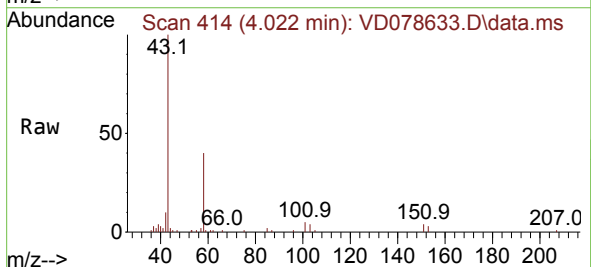
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

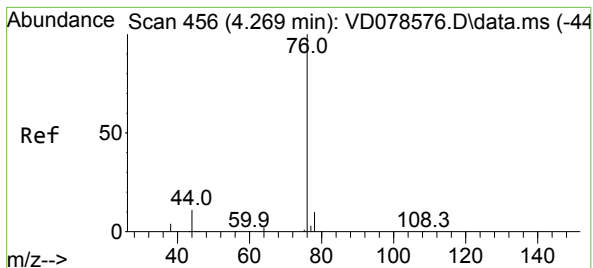
Tgt Ion:	53	Resp:	77566
Ion	Ratio	Lower	Upper
53	100		
52	78.1	65.0	97.4
51	34.4	28.3	42.5



#16
Acetone
Concen: 288.673 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:	43	Resp:	77458
Ion	Ratio	Lower	Upper
43	100		
58	40.4	34.7	52.1





#17

Carbon Disulfide

Concen: 48.371 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

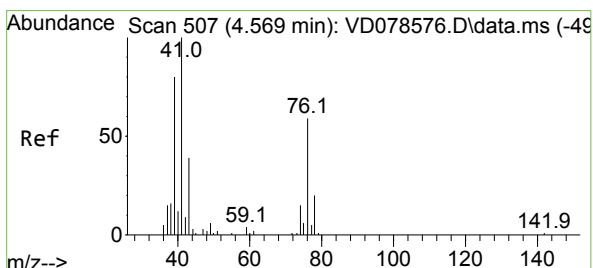
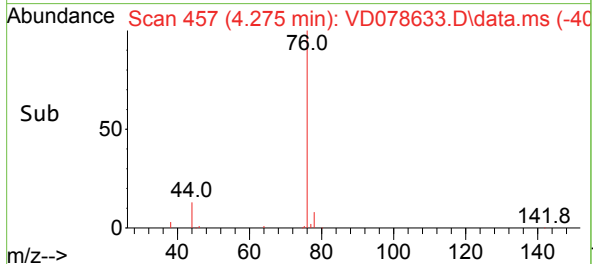
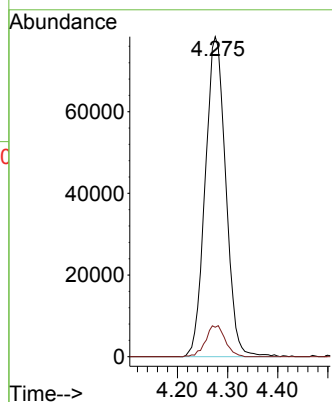
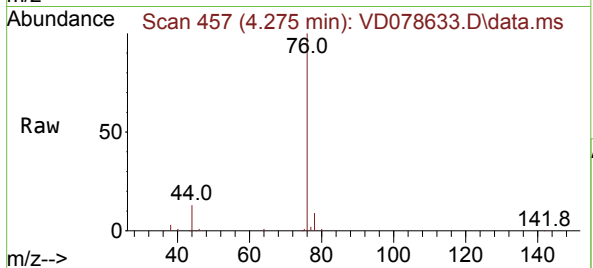
VSTDCCC050

Tgt Ion: 76 Resp: 222667

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 62.410 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD078633.D

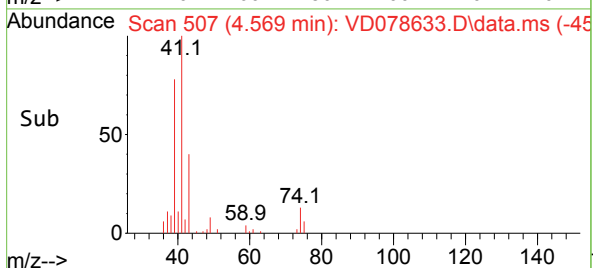
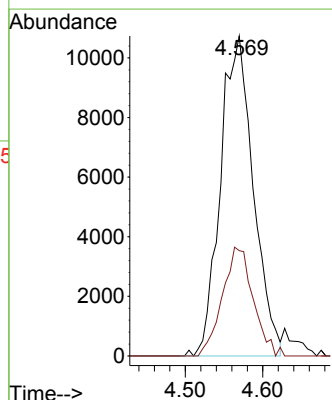
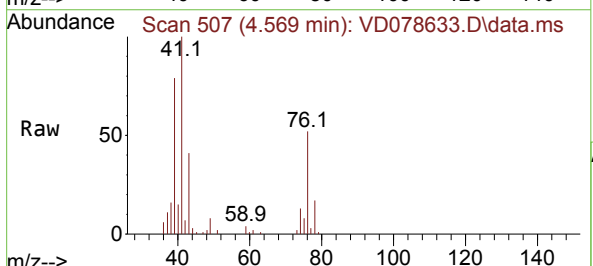
Acq: 12 Mar 2024 09:58

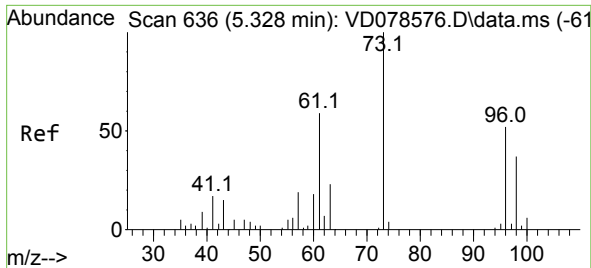
Tgt Ion: 43 Resp: 31697

Ion Ratio Lower Upper

43 100

74 31.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 55.504 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

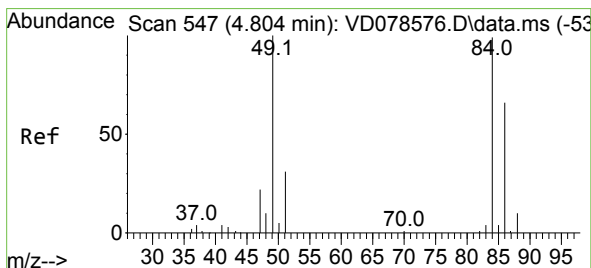
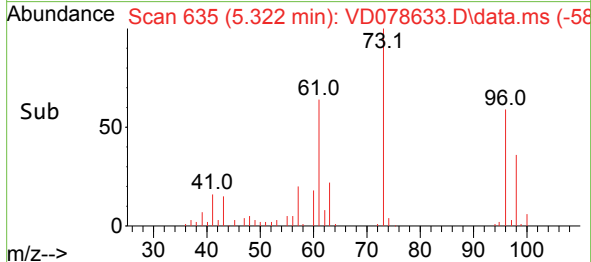
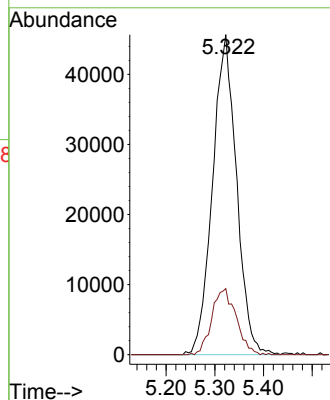
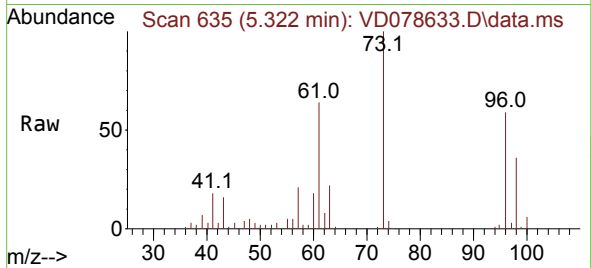
VSTDCCC050

Tgt Ion: 73 Resp: 155928

Ion Ratio Lower Upper

73 100

57 20.7 16.6 25.0



#20

Methylene Chloride

Concen: 49.941 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Tgt Ion: 84 Resp: 91745

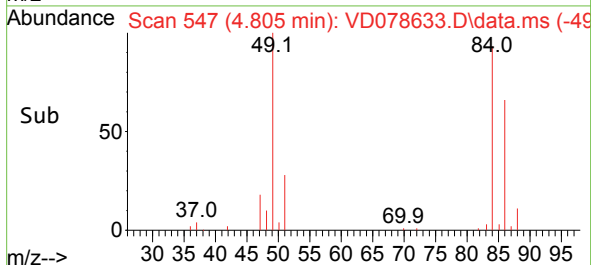
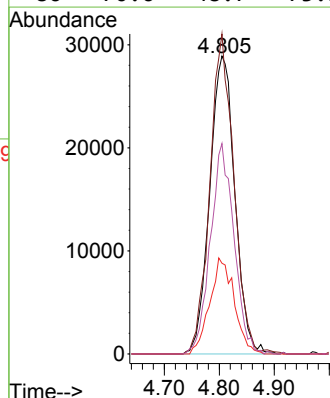
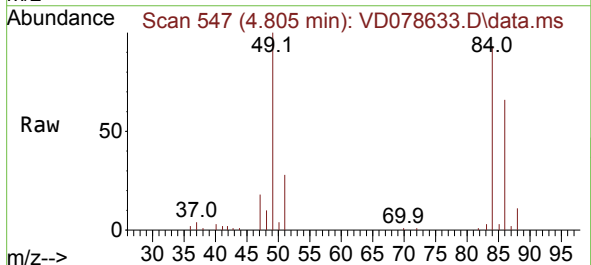
Ion Ratio Lower Upper

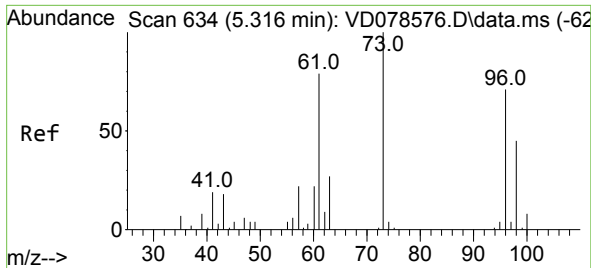
84 100

49 107.4 71.4 107.2#

51 30.4 24.5 36.7

86 70.6 48.7 73.1

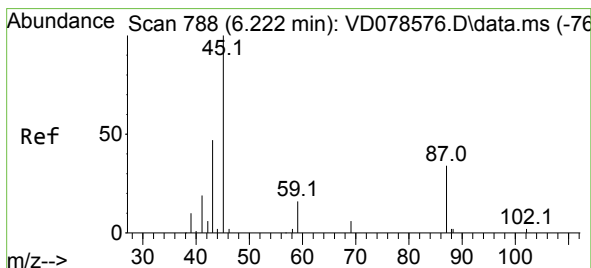
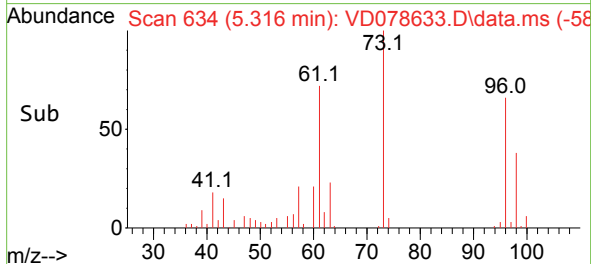
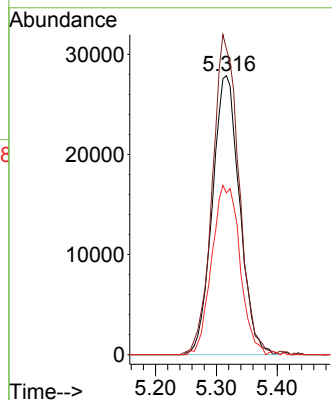
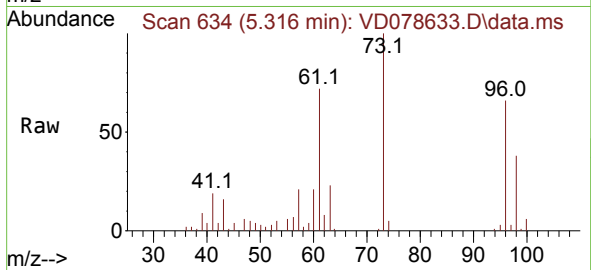




#21
trans-1,2-Dichloroethene
Concen: 52.052 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

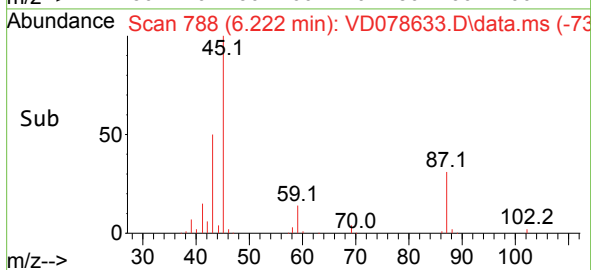
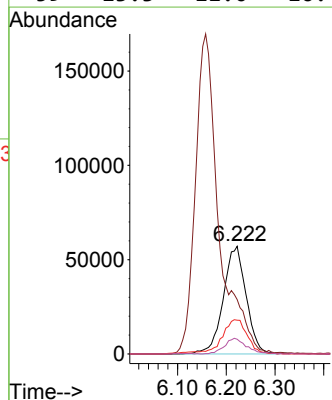
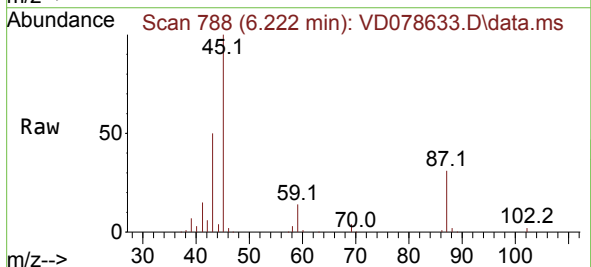
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

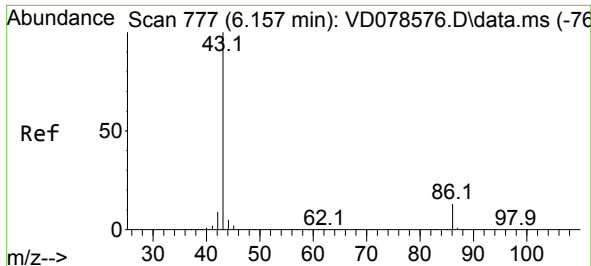
Tgt Ion: 96 Resp: 86415
Ion Ratio Lower Upper
96 100
61 109.5 89.3 133.9
98 58.0 48.6 73.0



#22
Diisopropyl ether
Concen: 52.839 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 45 Resp: 186435
Ion Ratio Lower Upper
45 100
43 48.9 40.0 60.0
87 31.0 28.2 42.4
59 13.3 11.0 16.4

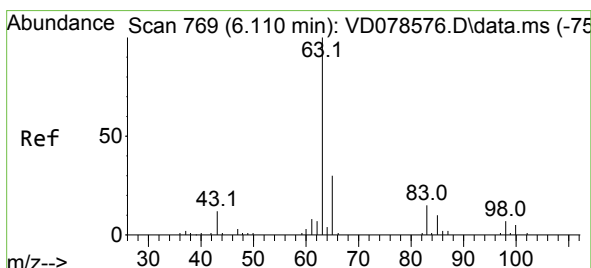
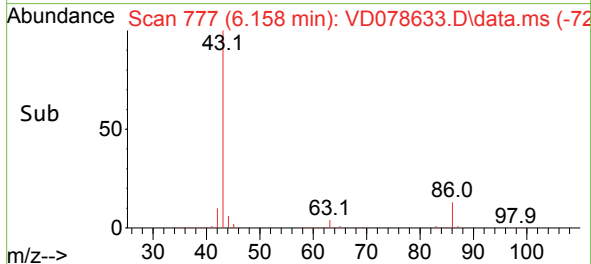
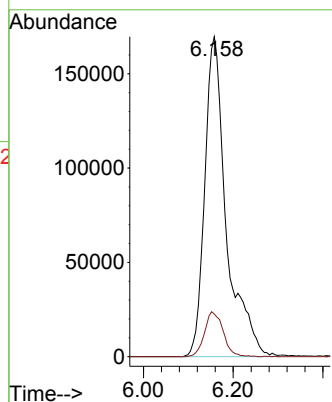
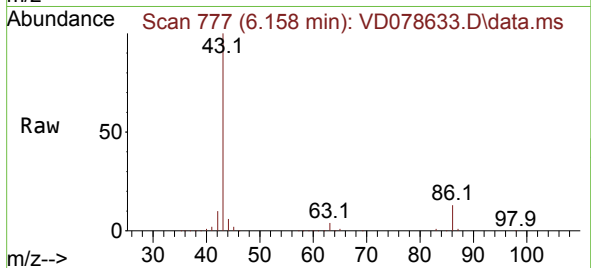




#23
 Vinyl Acetate
 Concen: 271.366 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

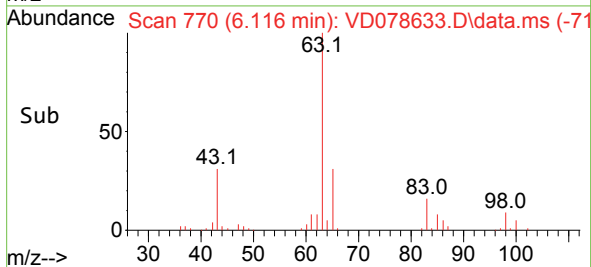
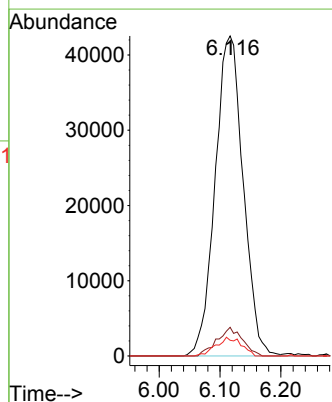
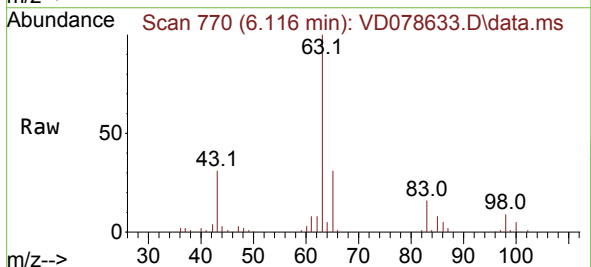
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

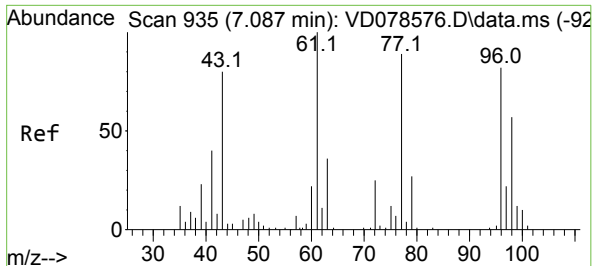
Tgt Ion: 43 Resp: 568663
 Ion Ratio Lower Upper
 43 100
 86 13.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 51.054 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

Tgt Ion: 63 Resp: 136091
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 285.500 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

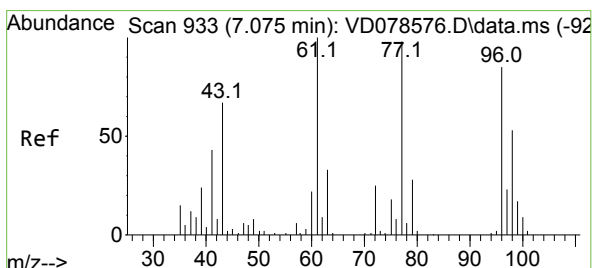
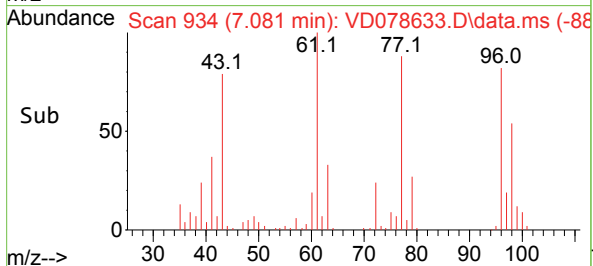
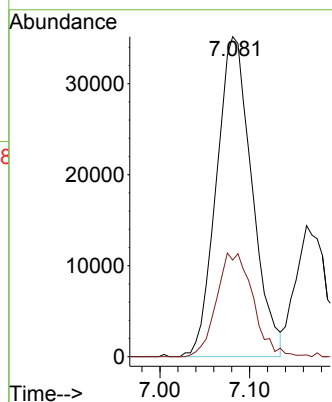
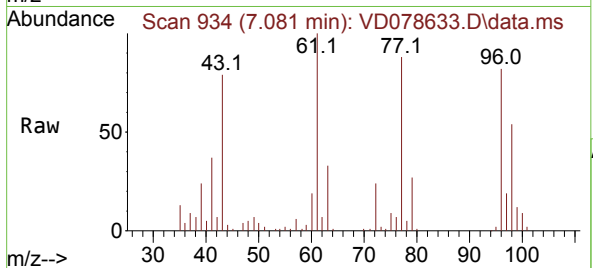
VSTDCCC050

Tgt Ion: 43 Resp: 96633

Ion Ratio Lower Upper

43 100

72 30.2 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 52.560 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078633.D

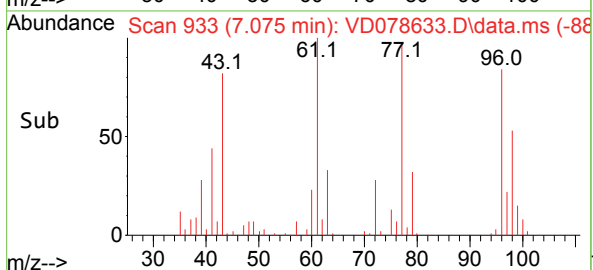
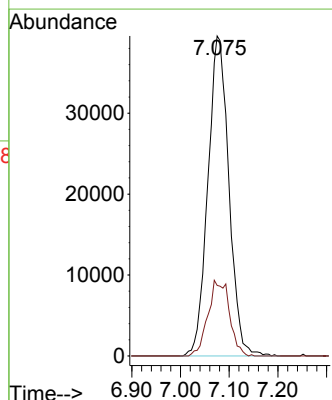
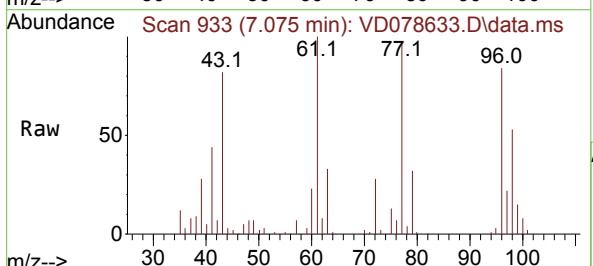
Acq: 12 Mar 2024 09:58

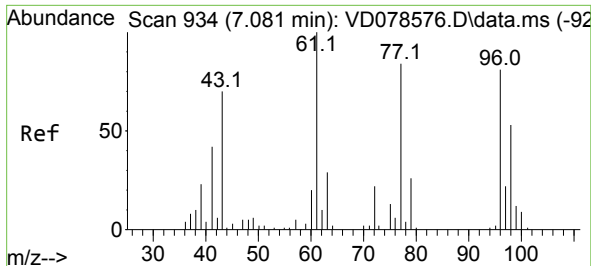
Tgt Ion: 77 Resp: 118360

Ion Ratio Lower Upper

77 100

97 24.1 13.2 39.6

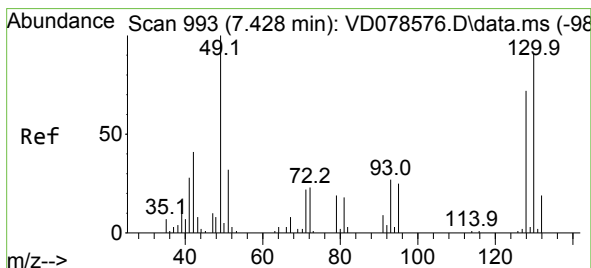
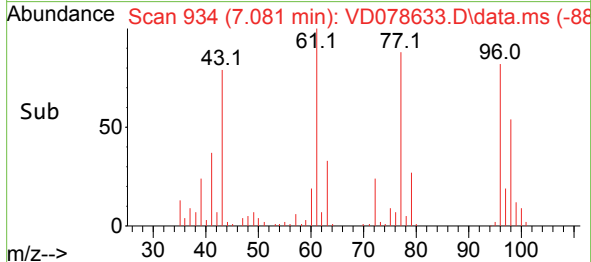
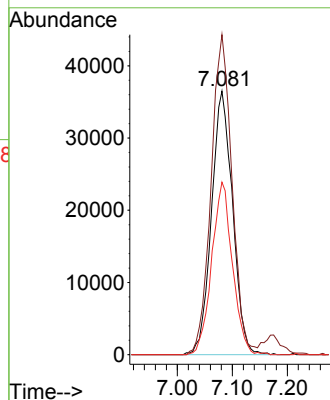
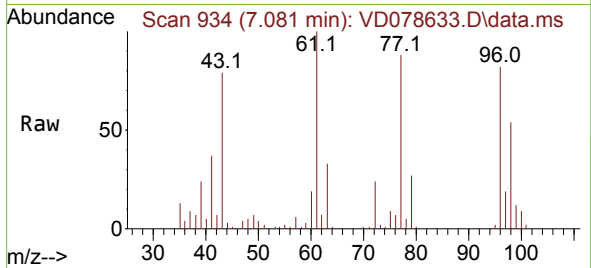




#27
 cis-1,2-Dichloroethene
 Concen: 53.539 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

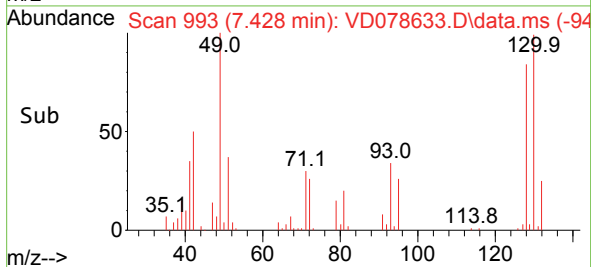
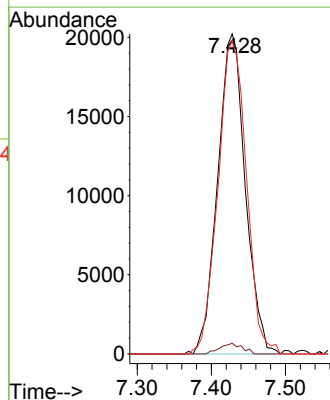
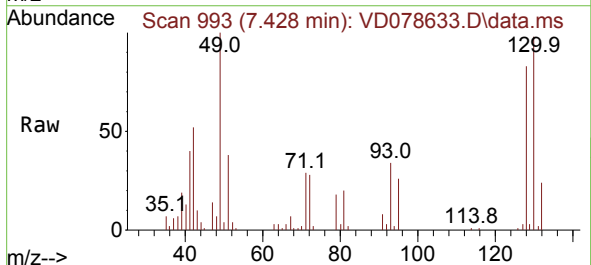
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

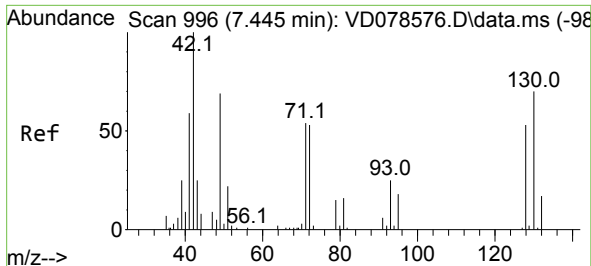
Tgt Ion: 96 Resp: 97324
 Ion Ratio Lower Upper
 96 100
 61 120.7 0.0 239.2
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.709 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

Tgt Ion: 49 Resp: 52489
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 6.0
 130 100.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 269.136 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

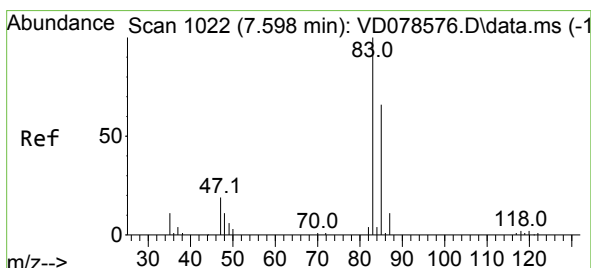
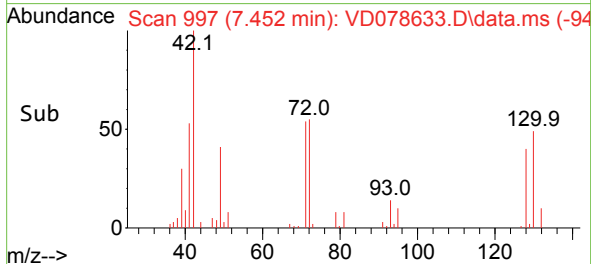
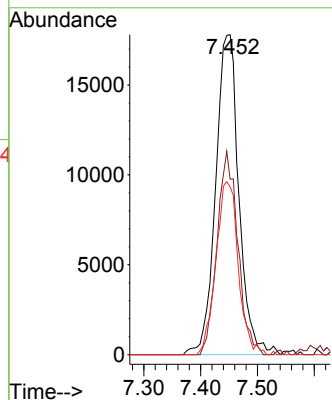
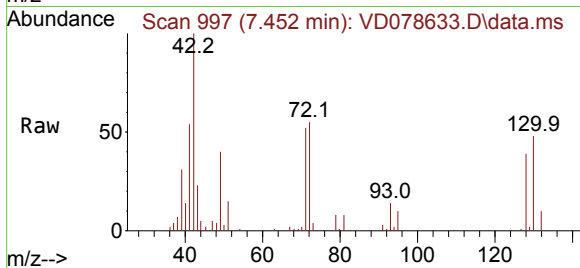
Tgt Ion: 42 Resp: 50609

Ion Ratio Lower Upper

42 100

72 56.7 46.5 69.7

71 52.0 44.5 66.7



#30

Chloroform

Concen: 51.641 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078633.D

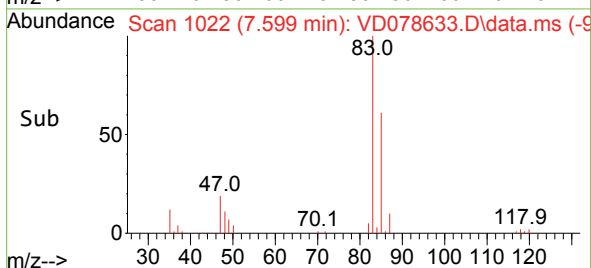
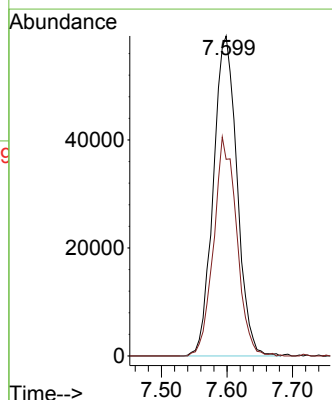
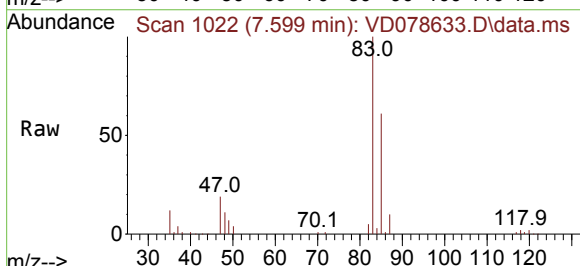
Acq: 12 Mar 2024 09:58

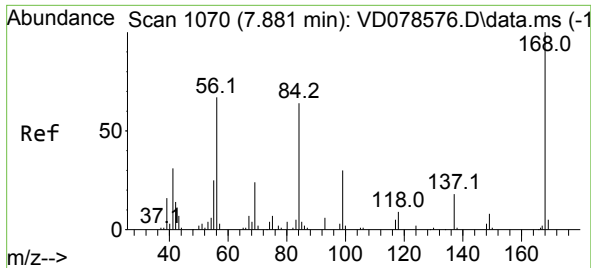
Tgt Ion: 83 Resp: 148630

Ion Ratio Lower Upper

83 100

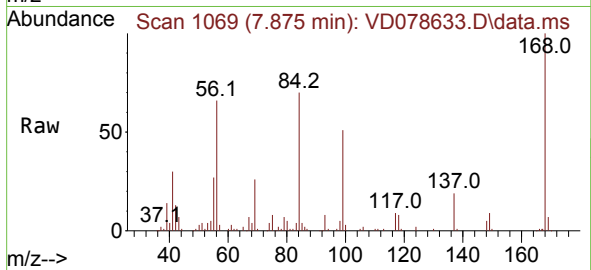
85 61.4 53.4 80.2



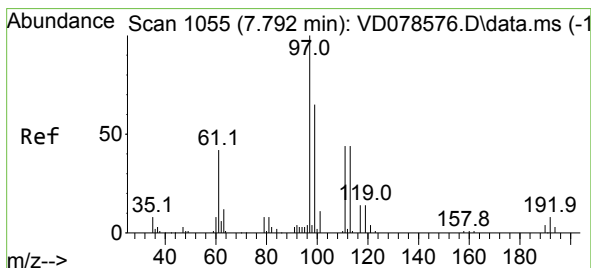
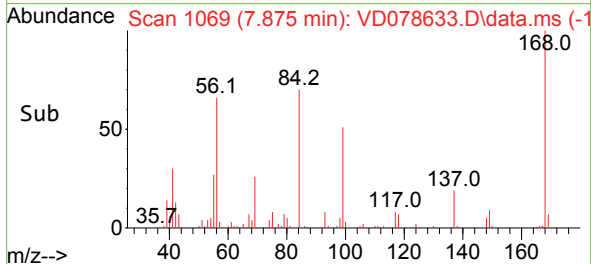
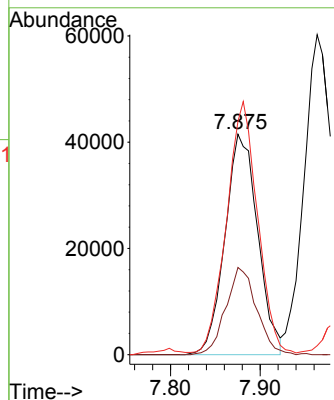


#31
Cyclohexane
Concen: 47.952 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

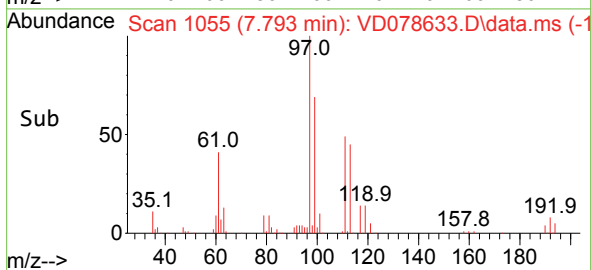
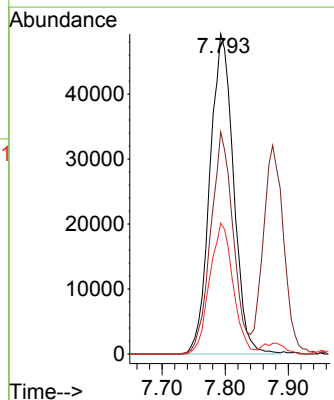
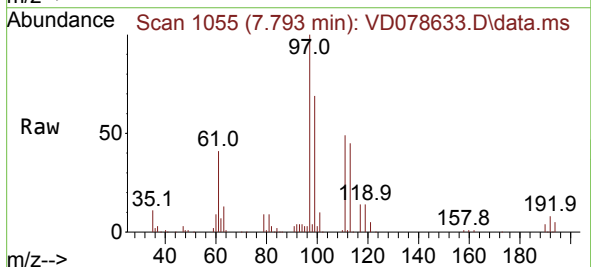


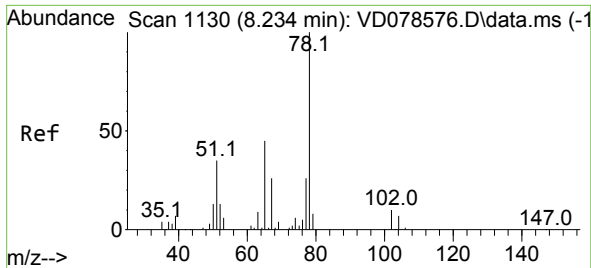
Tgt Ion: 56 Resp: 105118
Ion Ratio Lower Upper
56 100
69 39.5 28.6 43.0
84 104.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 51.738 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 97 Resp: 127743
Ion Ratio Lower Upper
97 100
99 66.5 52.0 78.0
61 40.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.295 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

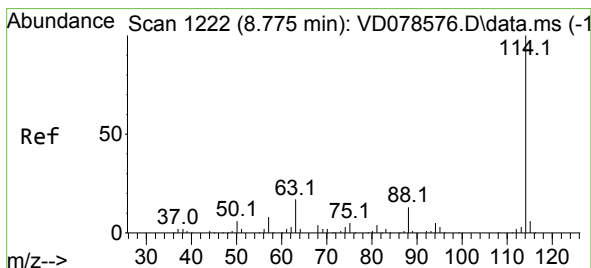
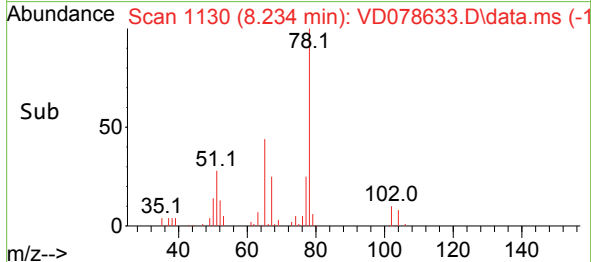
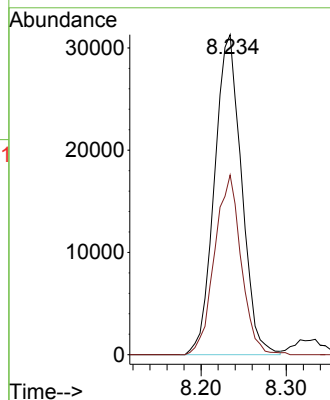
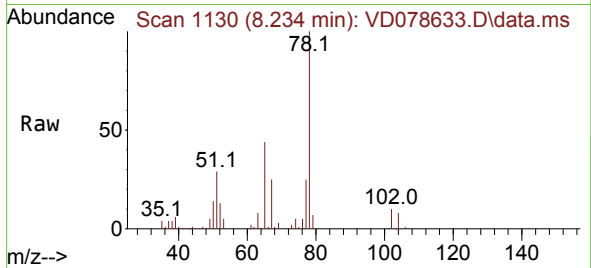
VSTDCCC050

Tgt Ion: 65 Resp: 69041

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

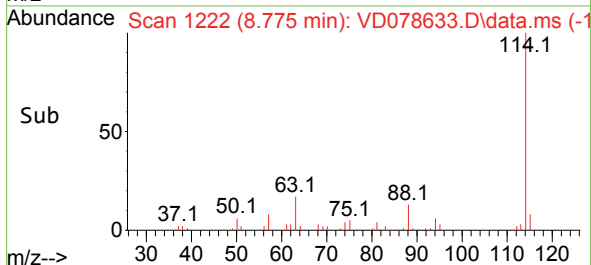
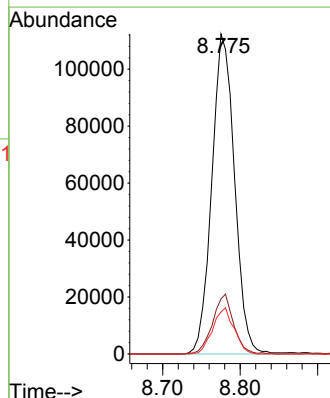
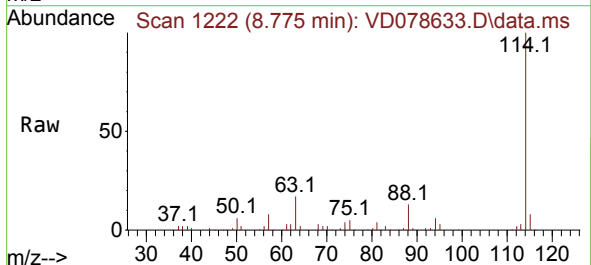
Tgt Ion: 114 Resp: 228376

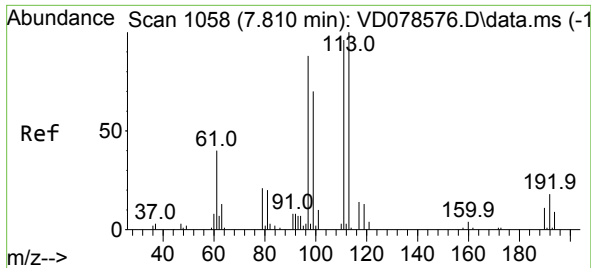
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.1 0.0 26.2

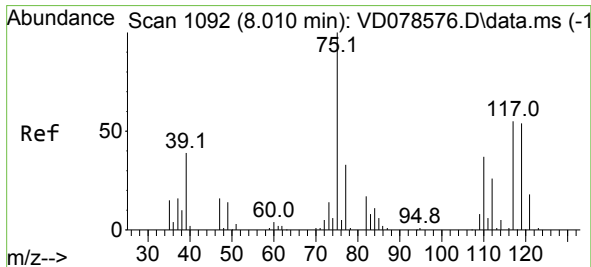
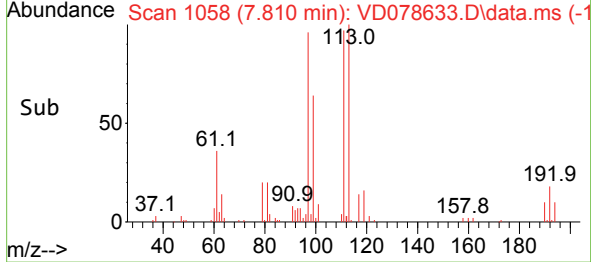
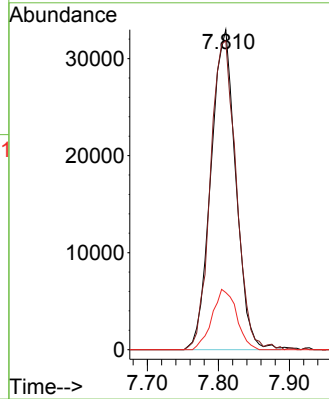
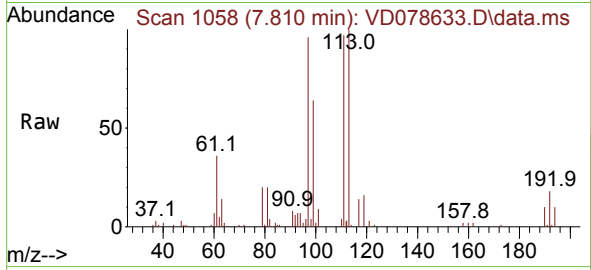




#35
Dibromofluoromethane
Concen: 53.884 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

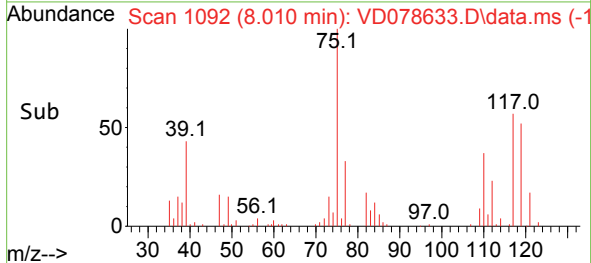
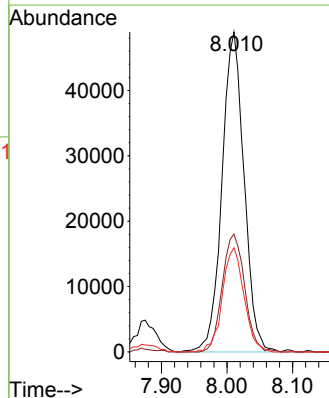
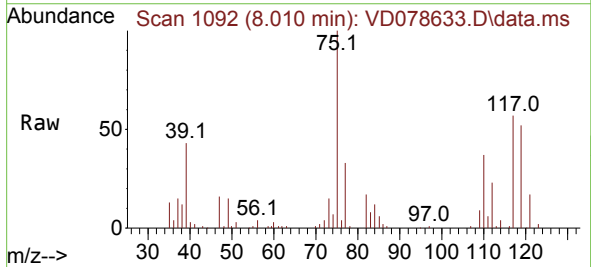
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

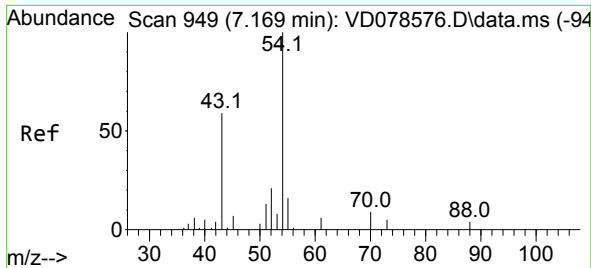
Tgt Ion:113 Resp: 80049
Ion Ratio Lower Upper
113 100
111 100.2 84.7 127.1
192 18.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 55.617 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 75 Resp: 114333
Ion Ratio Lower Upper
75 100
110 37.4 19.9 59.6
77 32.1 24.7 37.1

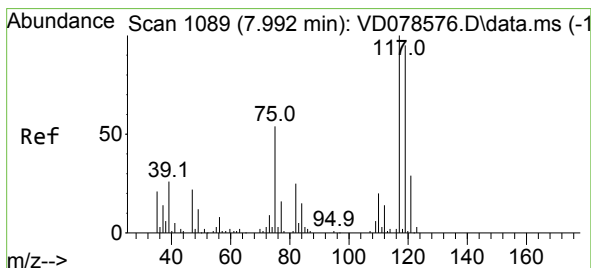
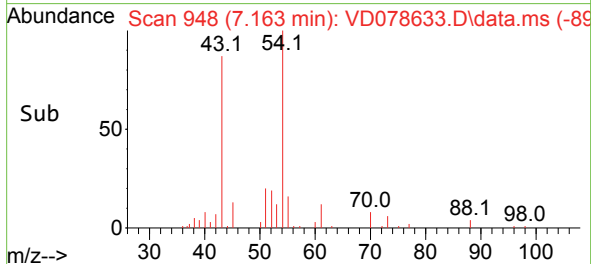
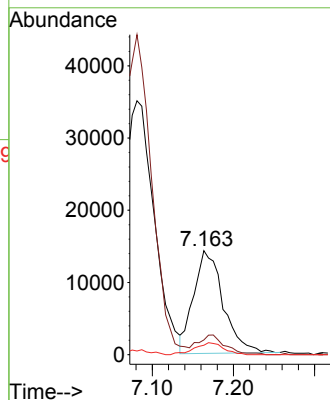
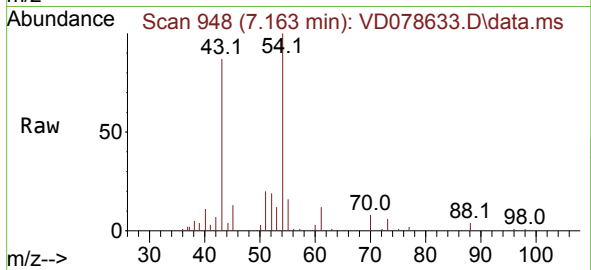




#37
Ethyl Acetate
Concen: 54.004 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

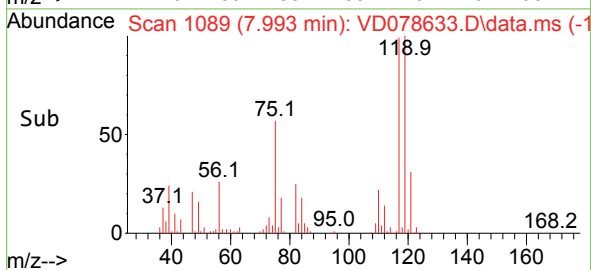
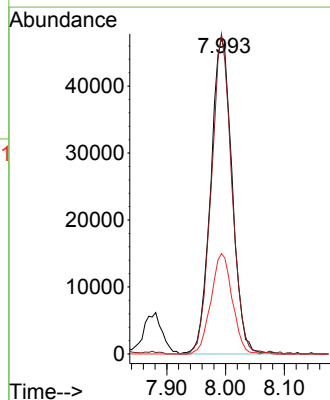
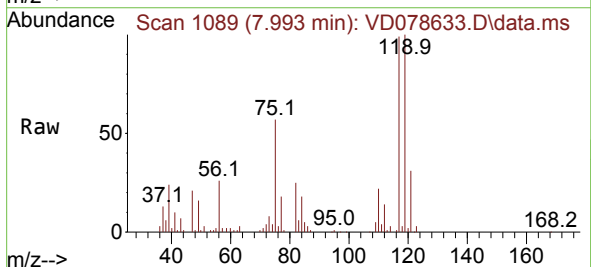
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

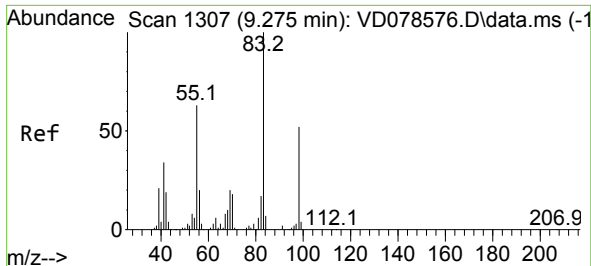
Tgt Ion:	43	Resp:	35971
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.9	22.3
70	11.4	10.0	15.0



#38
Carbon Tetrachloride
Concen: 55.415 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:	117	Resp:	119149
Ion	Ratio	Lower	Upper
117	100		
119	101.4	78.0	117.0
121	31.8	24.2	36.2





#39

Methylcyclohexane

Concen: 56.091 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

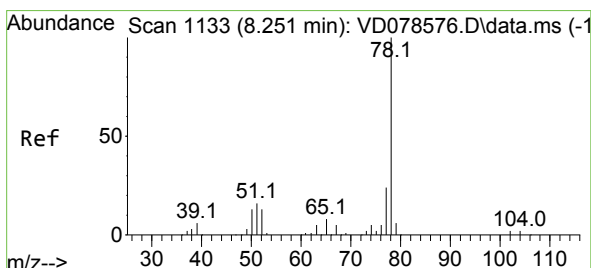
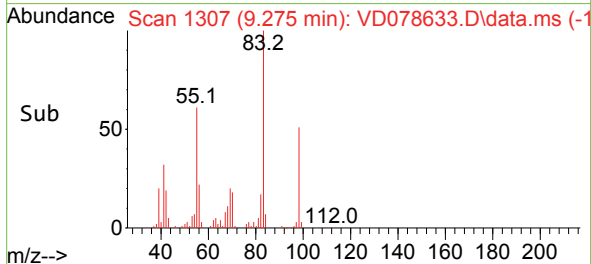
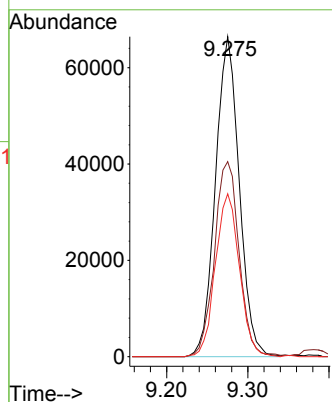
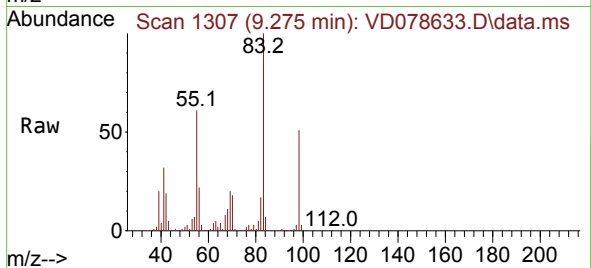
Tgt Ion: 83 Resp: 135336

Ion Ratio Lower Upper

83 100

55 61.0 49.4 74.0

98 50.9 38.4 57.6



#40

Benzene

Concen: 54.491 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078633.D

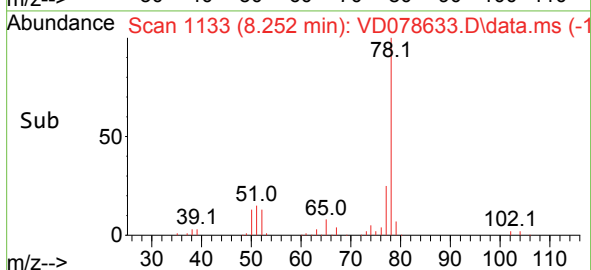
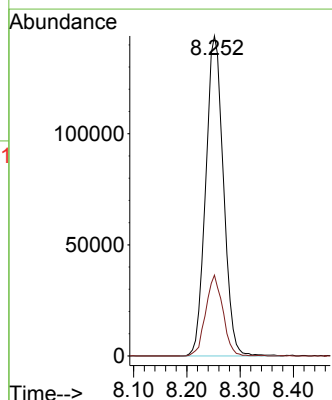
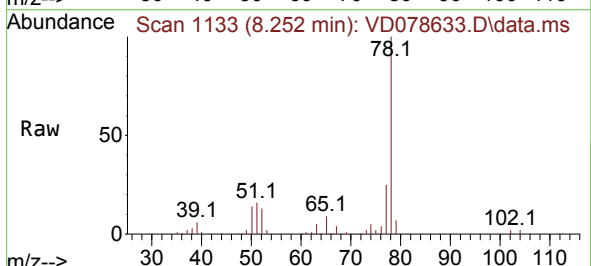
Acq: 12 Mar 2024 09:58

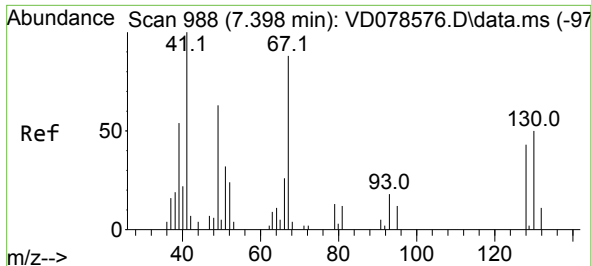
Tgt Ion: 78 Resp: 332027

Ion Ratio Lower Upper

78 100

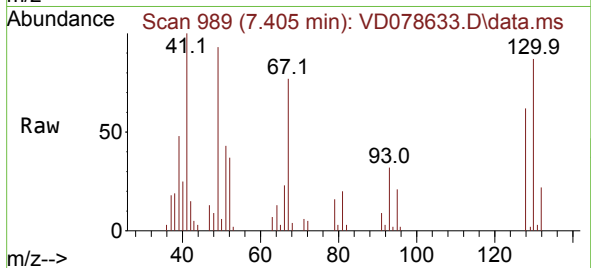
77 25.3 19.4 29.0



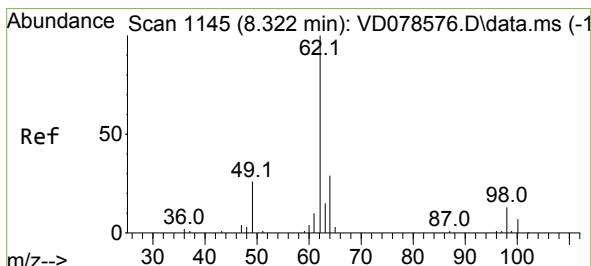
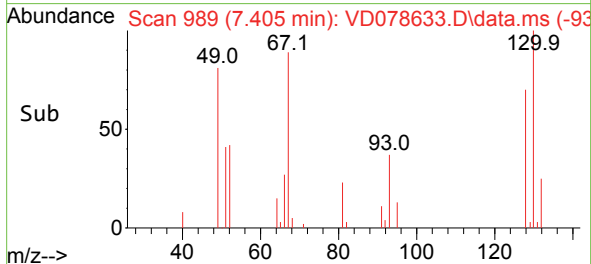
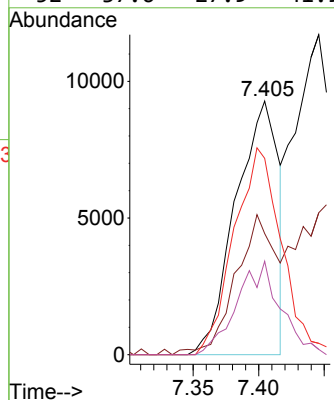


#41
Methacrylonitrile
Concen: 58.677 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

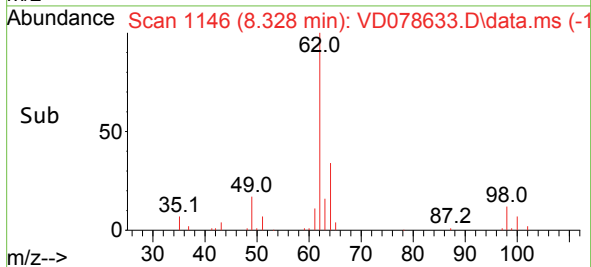
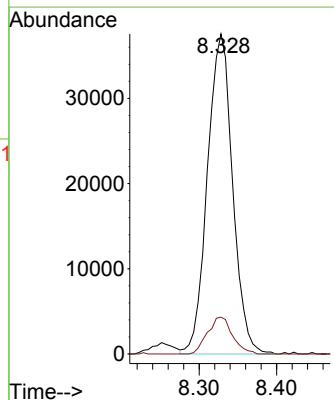
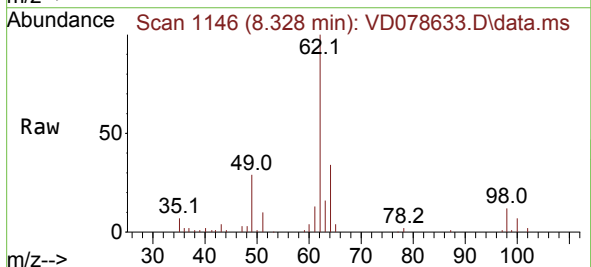


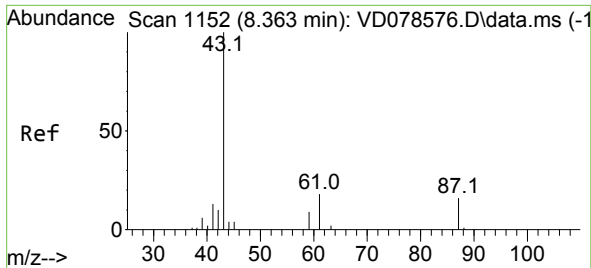
Tgt Ion: 41 Resp: 20948
Ion Ratio Lower Upper
41 100
39 51.8 34.0 51.0#
67 91.2 77.0 115.4
52 37.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 54.891 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 62 Resp: 84851
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

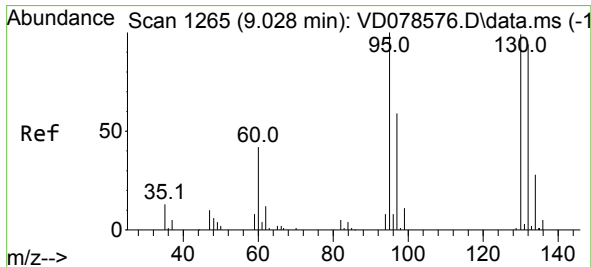
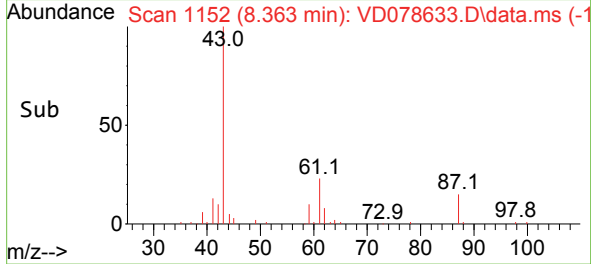
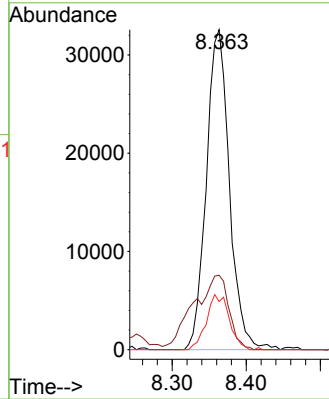
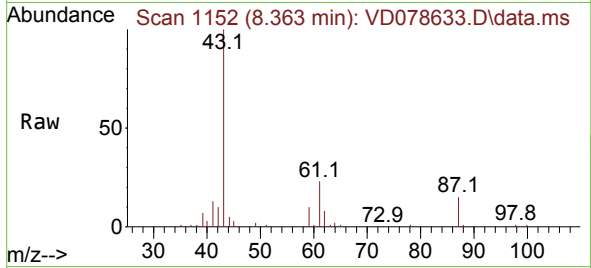




#43
Isopropyl Acetate
Concen: 55.107 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

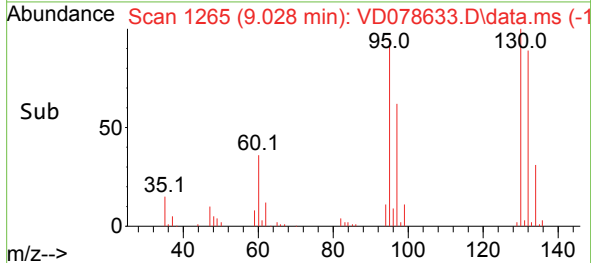
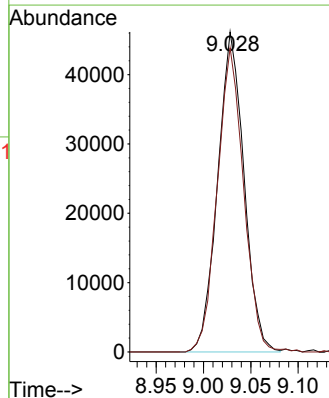
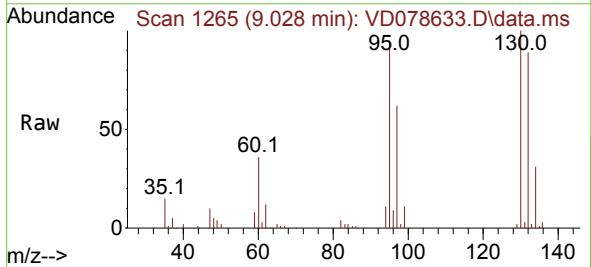
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

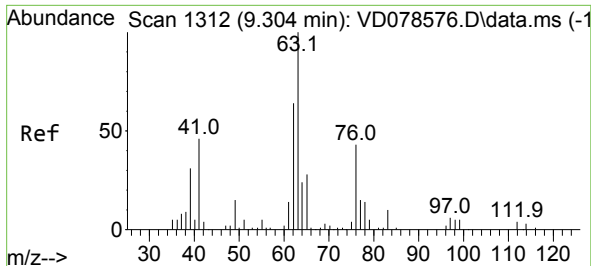
Tgt Ion: 43	Resp:	70372
Ion Ratio	Lower	Upper
43	100	
61	35.6	31.4 47.0
87	17.0	14.9 22.3



#44
Trichloroethene
Concen: 53.331 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 130	Resp:	89174
Ion Ratio	Lower	Upper
130	100	
95	95.0	0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.840 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

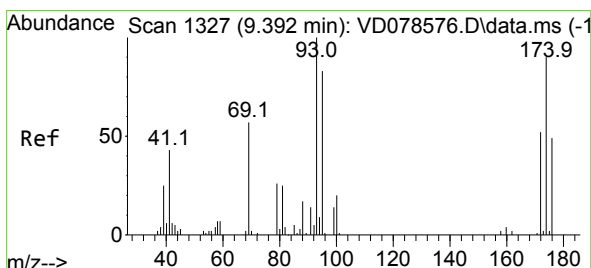
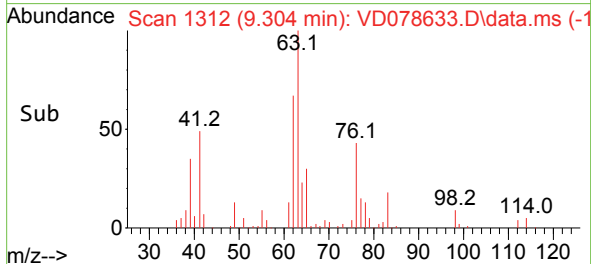
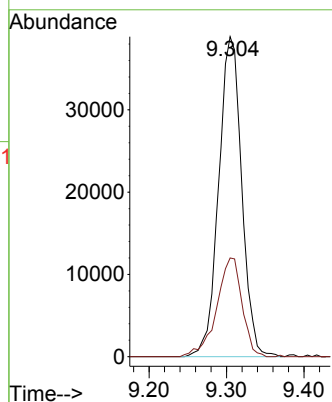
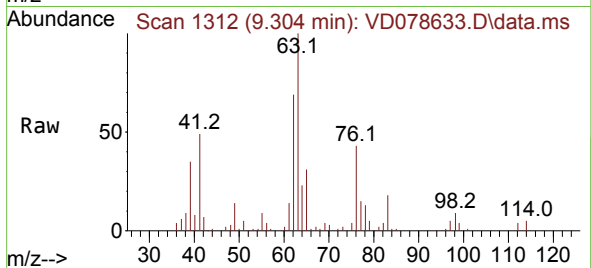
VSTDCCC050

Tgt Ion: 63 Resp: 80270

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 58.810 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

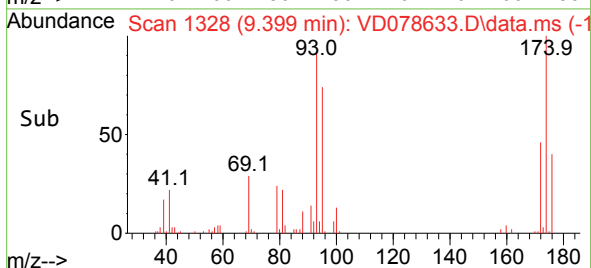
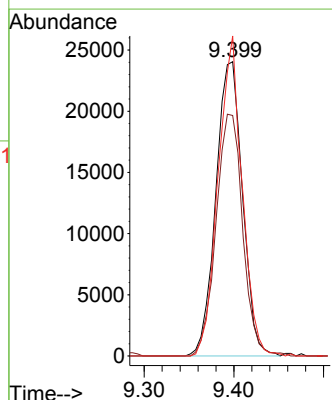
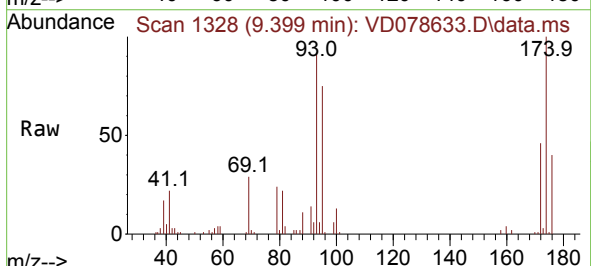
Tgt Ion: 93 Resp: 49625

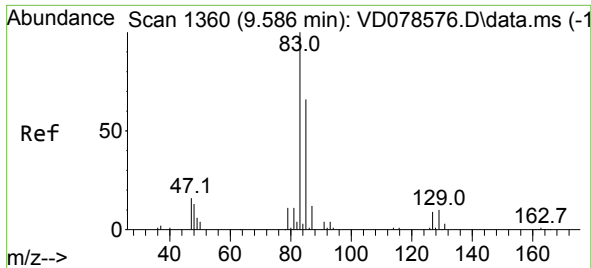
Ion Ratio Lower Upper

93 100

95 82.1 67.7 101.5

174 97.7 85.4 128.2

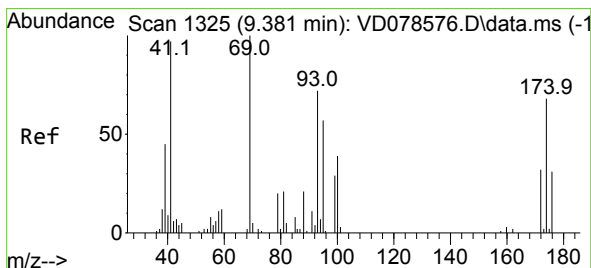
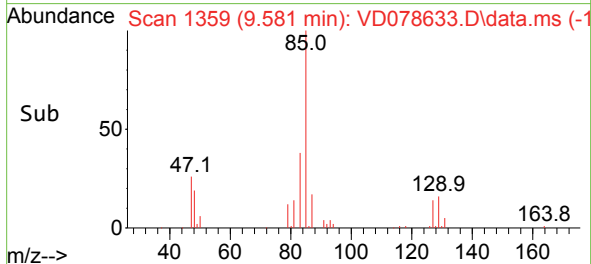
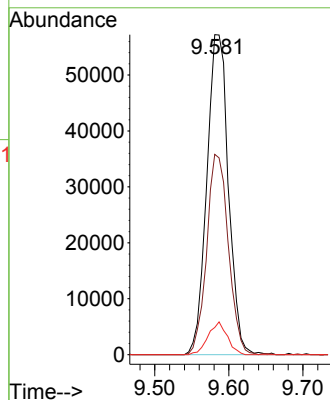
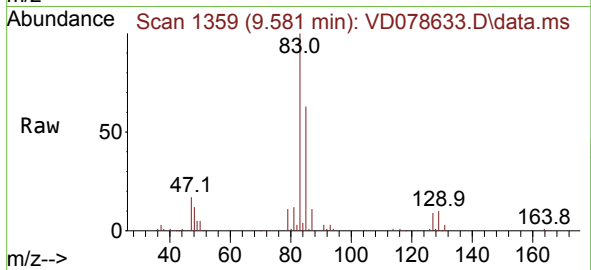




#47
Bromodichloromethane
Concen: 55.743 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

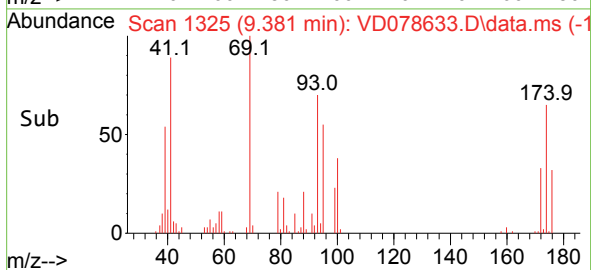
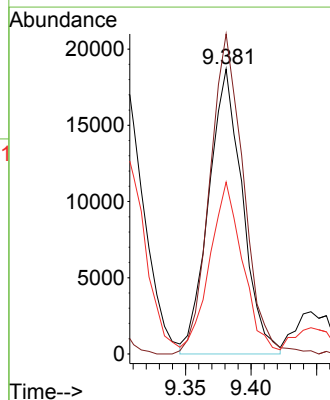
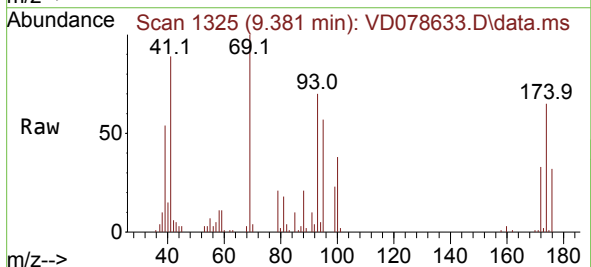
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

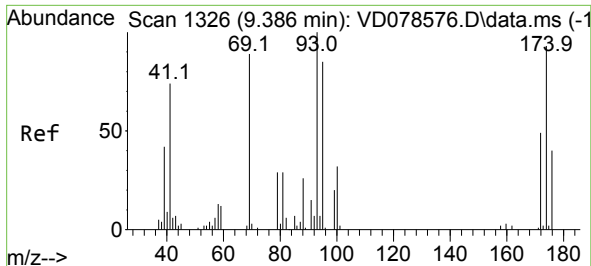
Tgt Ion: 83 Resp: 115980
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 57.868 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 41 Resp: 33475
Ion Ratio Lower Upper
41 100
69 112.2 102.2 153.2
39 56.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1045.380 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

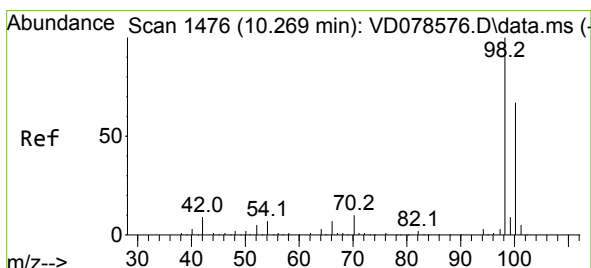
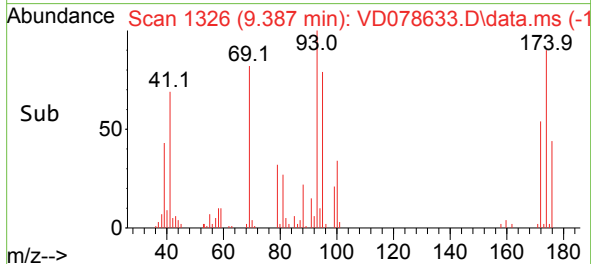
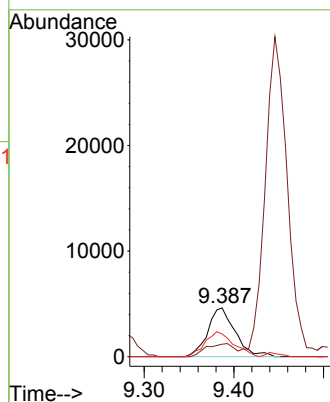
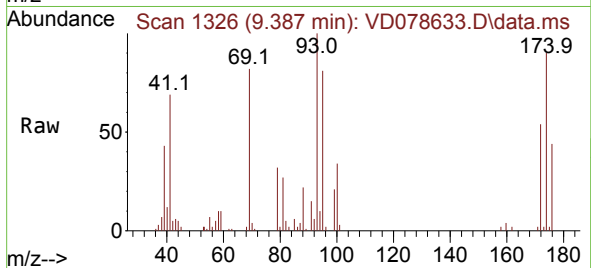
Tgt Ion: 88 Resp: 9766

Ion Ratio Lower Upper

88 100

43 27.4 19.0 28.6

58 53.1 43.5 65.3



#50

Toluene-d8

Concen: 53.398 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078633.D

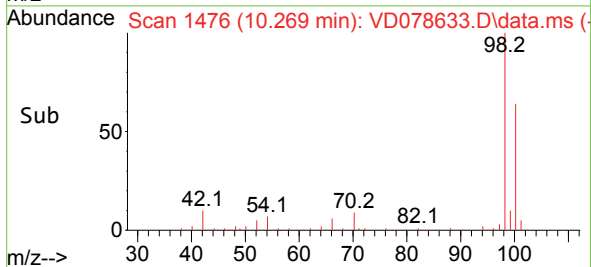
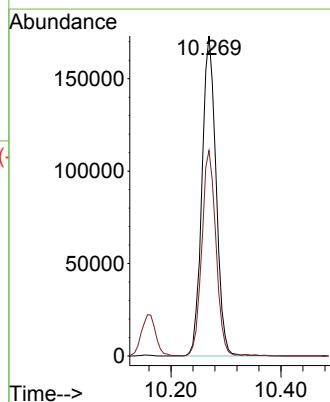
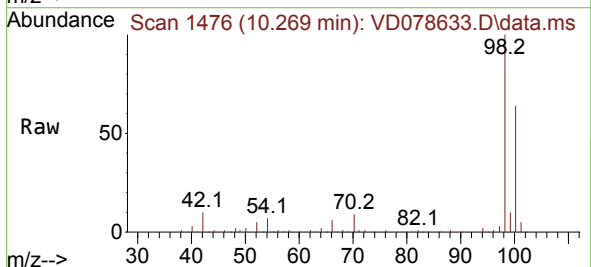
Acq: 12 Mar 2024 09:58

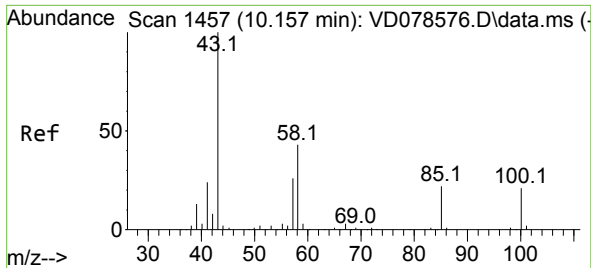
Tgt Ion: 98 Resp: 308248

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

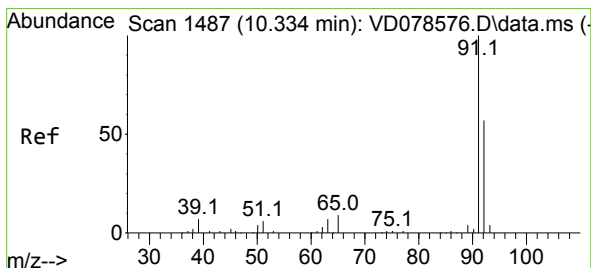
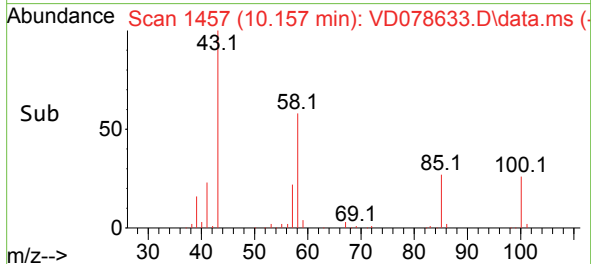
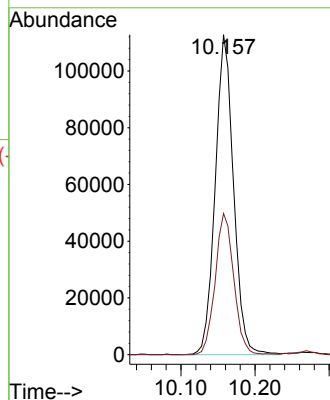
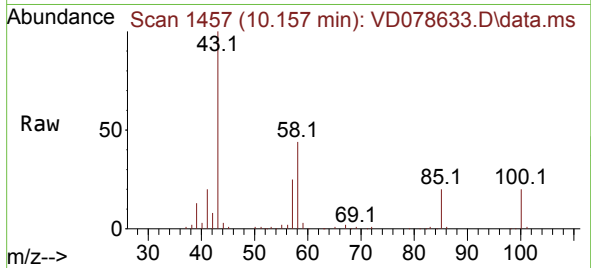




#51
4-Methyl-2-Pentanone
Concen: 293.395 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

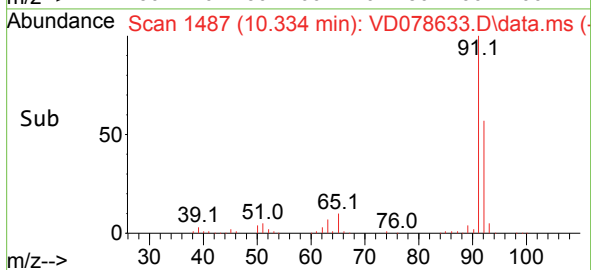
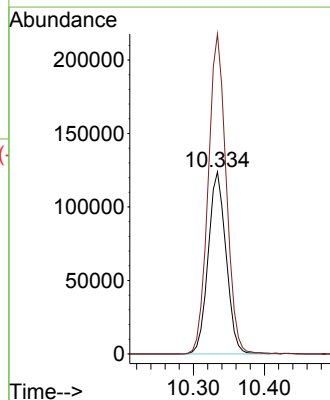
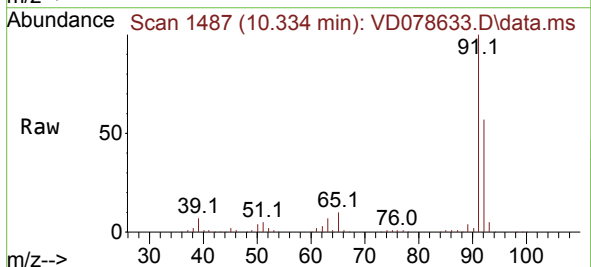
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

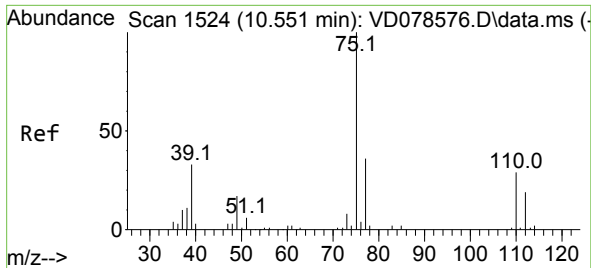
Tgt Ion: 43 Resp: 193384
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3



#52
Toluene
Concen: 55.401 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 92 Resp: 216604
Ion Ratio Lower Upper
92 100
91 177.5 143.0 214.4

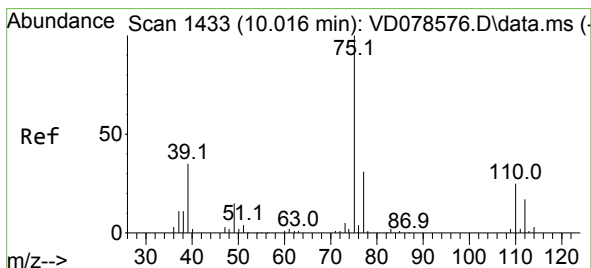
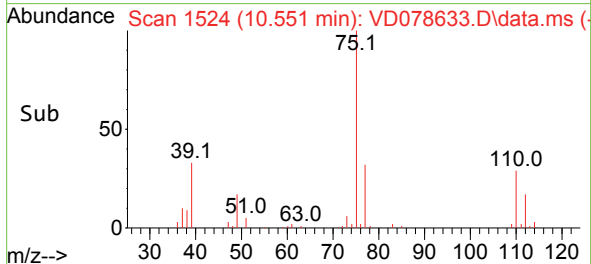
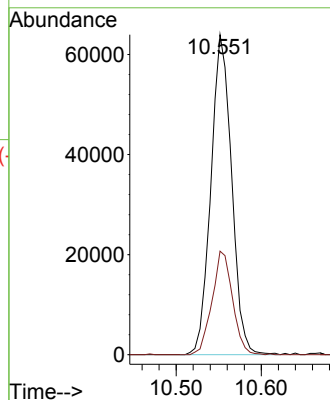
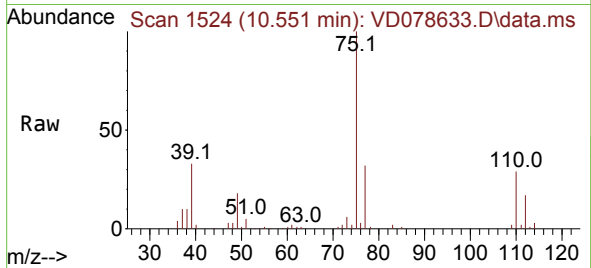




#53
t-1,3-Dichloropropene
Concen: 56.122 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

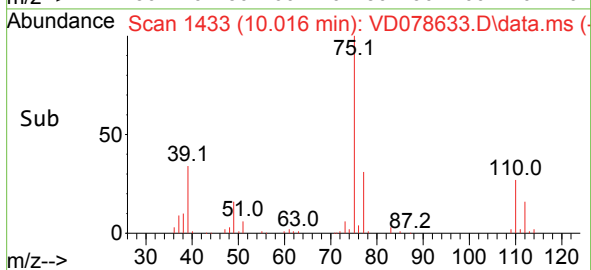
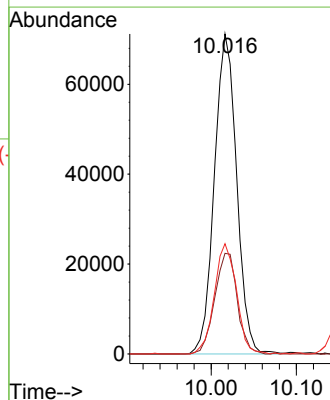
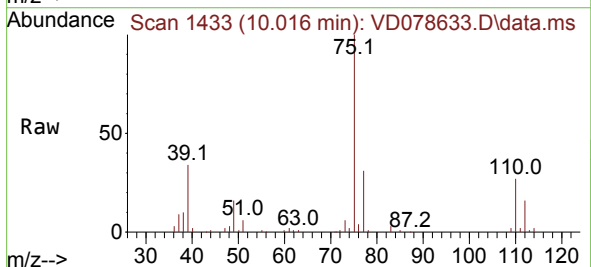
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

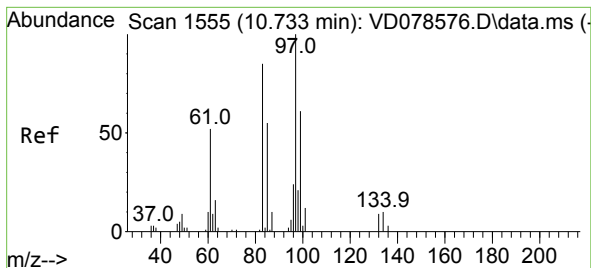
Tgt Ion: 75 Resp: 108022
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 56.024 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 75 Resp: 129113
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 34.4 22.1 33.1#

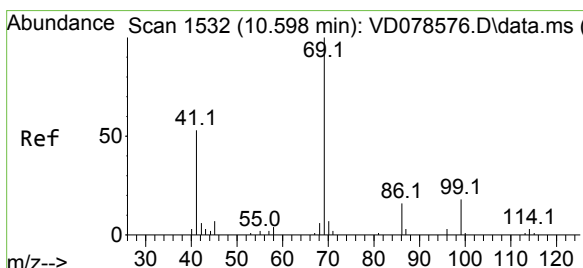
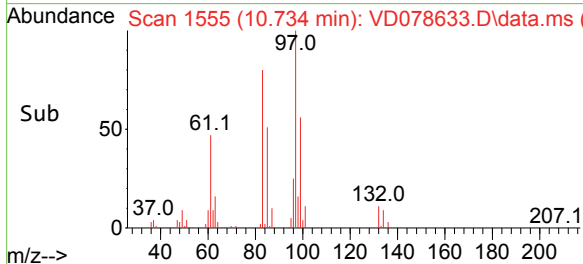
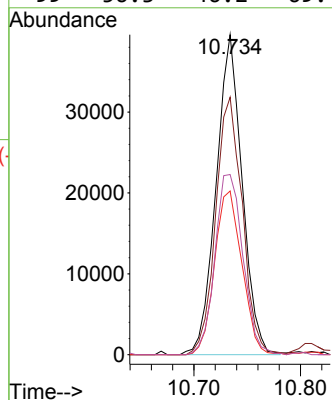
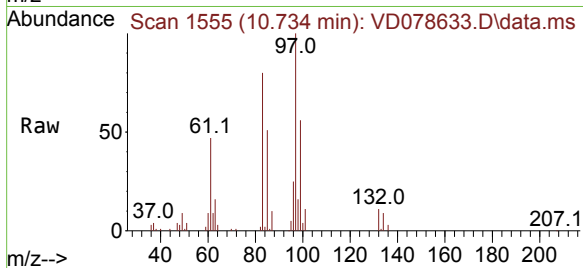




#55
1,1,2-Trichloroethane
Concen: 56.426 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

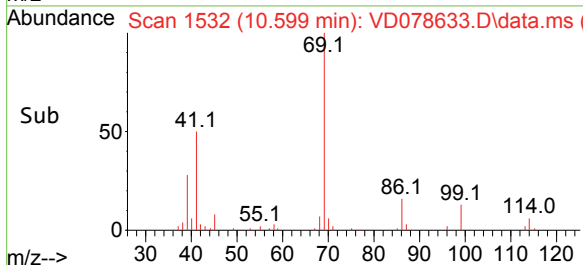
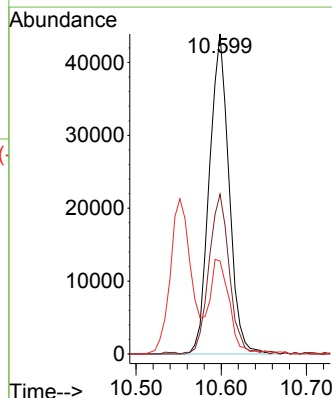
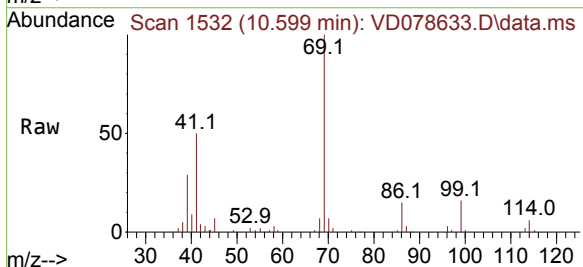
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

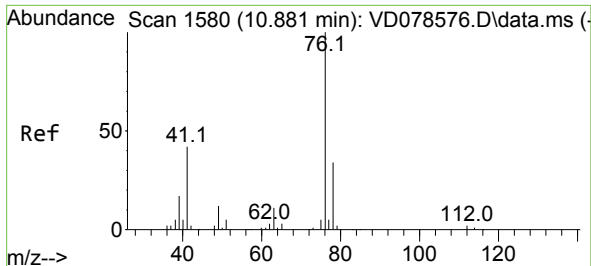
Tgt Ion:	97	Resp:	67043
Ion	Ratio	Lower	Upper
97	100		
83	80.4	65.8	98.6
85	51.2	45.7	68.5
99	56.3	46.2	69.4



#56
Ethyl methacrylate
Concen: 59.008 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:	69	Resp:	70271
Ion	Ratio	Lower	Upper
69	100		
41	52.1	39.1	58.7
39	29.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 54.399 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

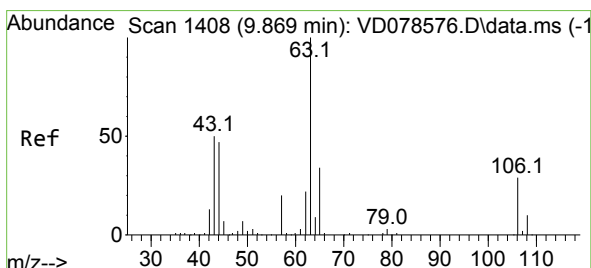
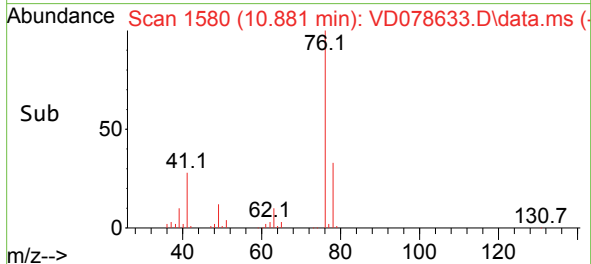
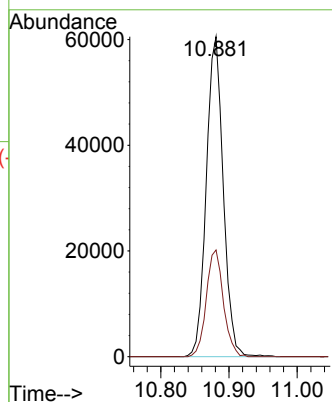
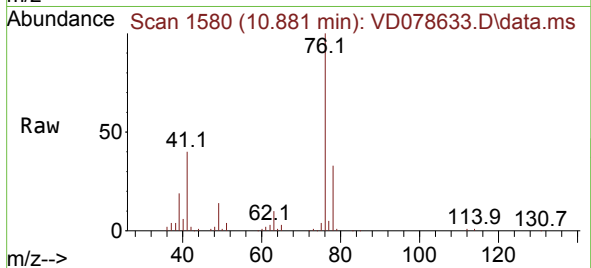
VSTDCCC050

Tgt Ion: 76 Resp: 104742

Ion Ratio Lower Upper

76 100

78 33.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 317.418 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078633.D

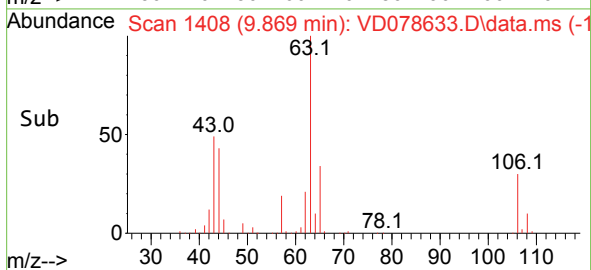
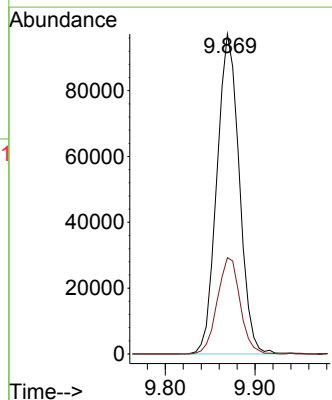
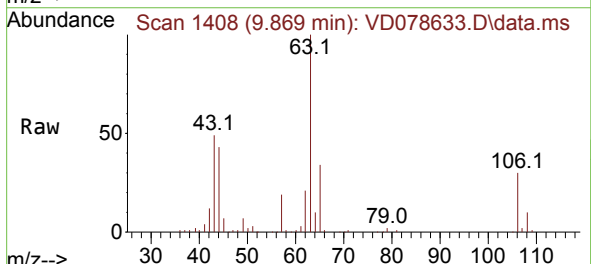
Acq: 12 Mar 2024 09:58

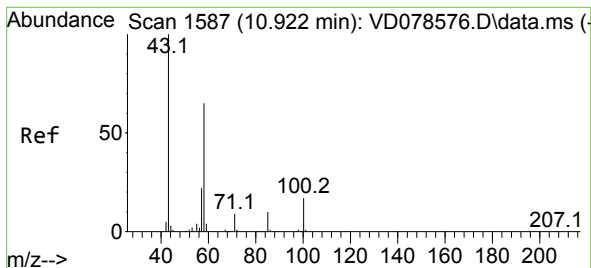
Tgt Ion: 63 Resp: 168185

Ion Ratio Lower Upper

63 100

106 30.7 25.3 37.9

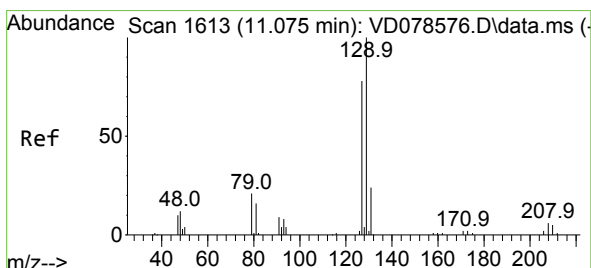
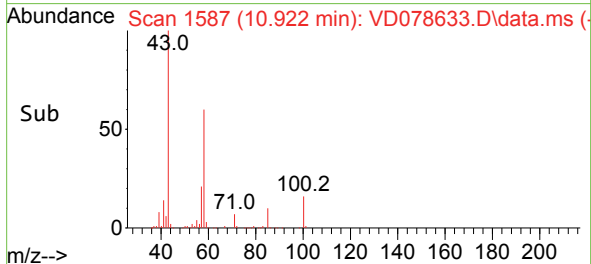
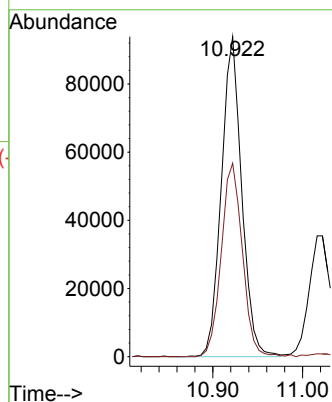
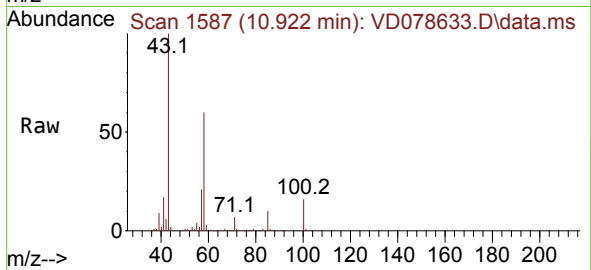




#59
2-Hexanone
Concen: 301.944 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

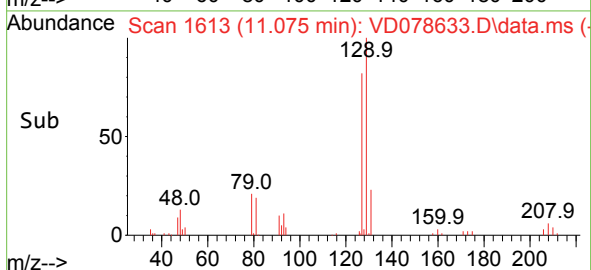
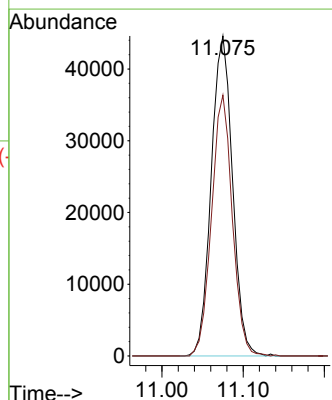
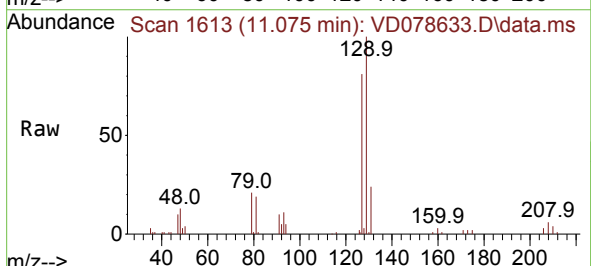
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

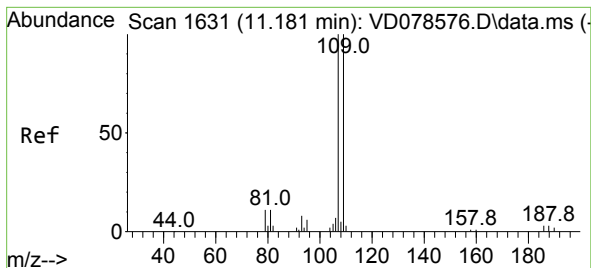
Tgt Ion: 43 Resp: 147616
Ion Ratio Lower Upper
43 100
58 62.7 34.1 102.2



#60
Dibromochloromethane
Concen: 56.671 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 129 Resp: 81304
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5





#61

1,2-Dibromoethane

Concen: 58.541 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

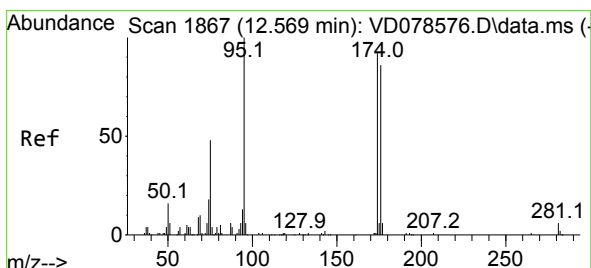
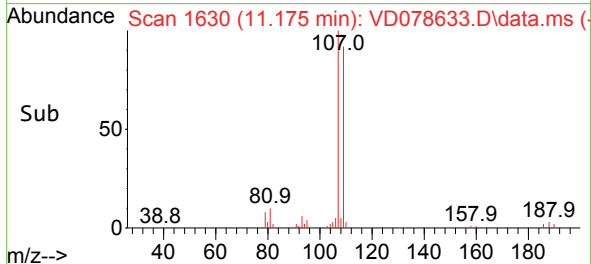
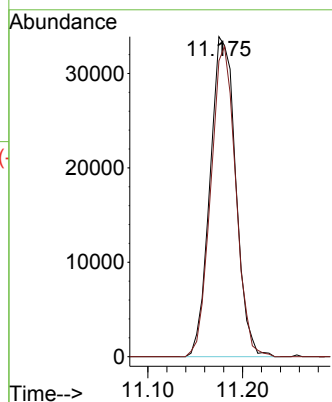
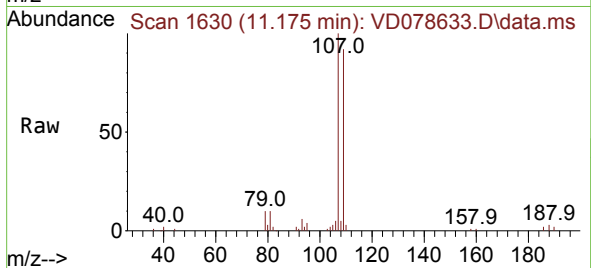
VSTDCCC050

Tgt Ion:107 Resp: 63836

Ion Ratio Lower Upper

107 100

109 93.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.314 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

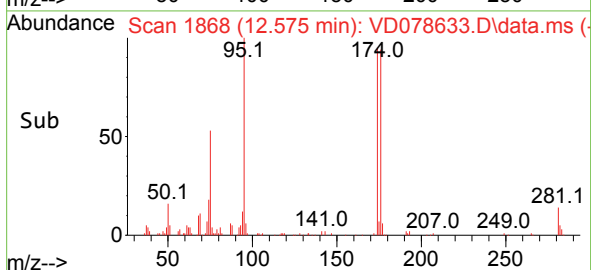
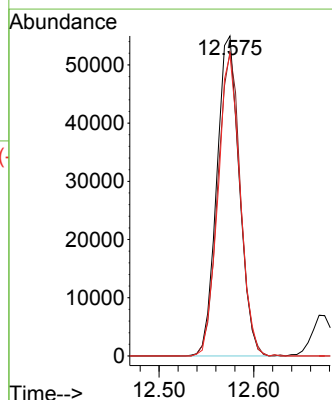
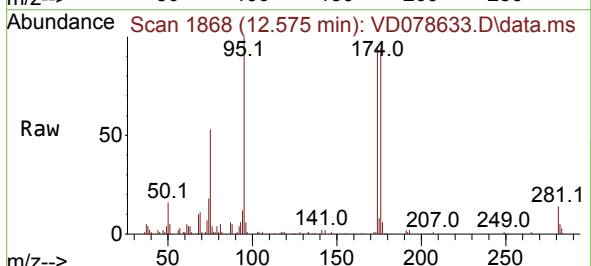
Tgt Ion: 95 Resp: 91200

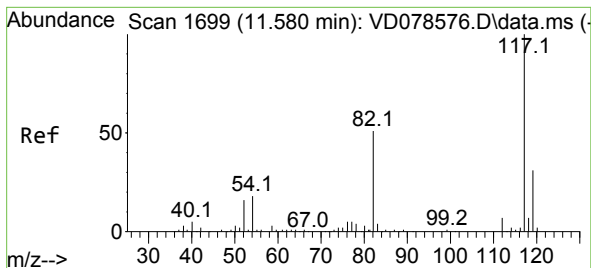
Ion Ratio Lower Upper

95 100

174 94.8 0.0 201.8

176 92.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

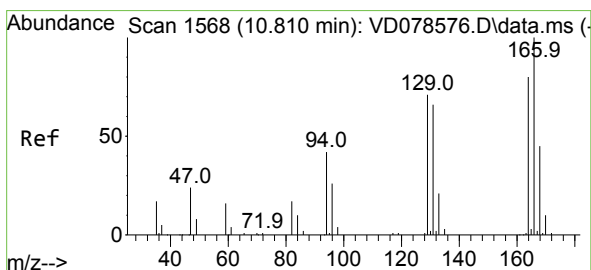
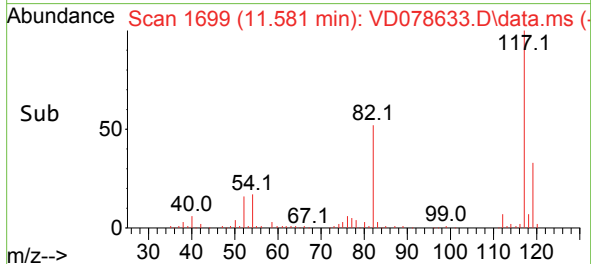
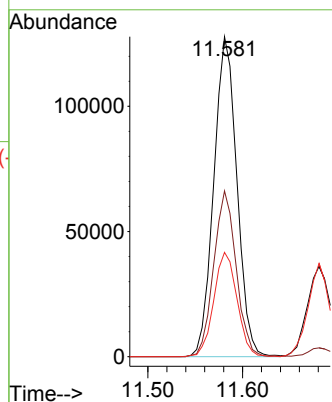
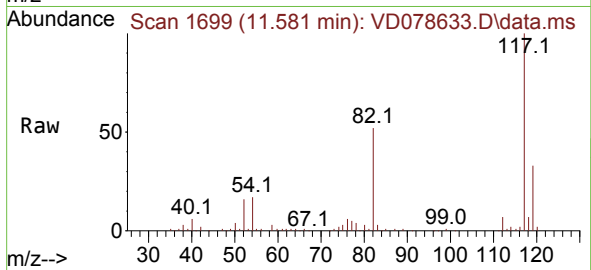
Tgt Ion:117 Resp: 216983

Ion Ratio Lower Upper

117 100

82 51.8 38.3 57.5

119 32.6 25.0 37.4



#64

Tetrachloroethene

Concen: 54.746 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Tgt Ion:164 Resp: 74742

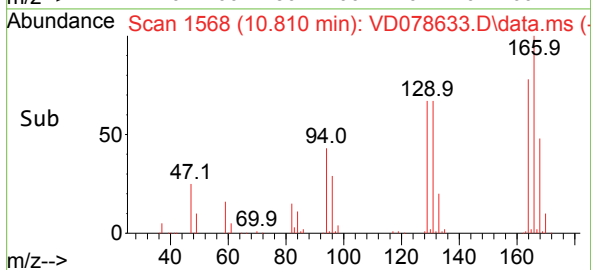
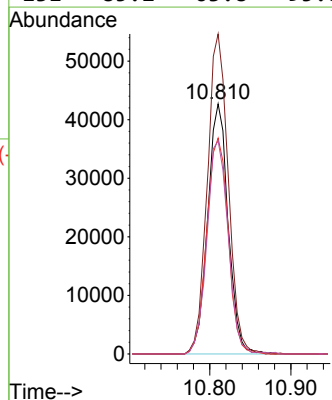
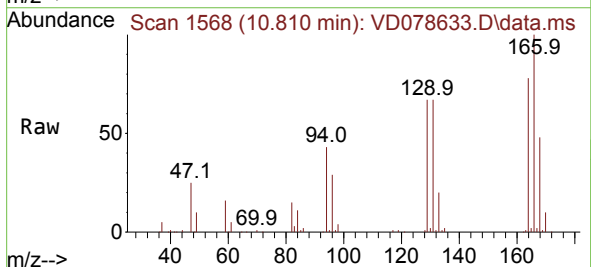
Ion Ratio Lower Upper

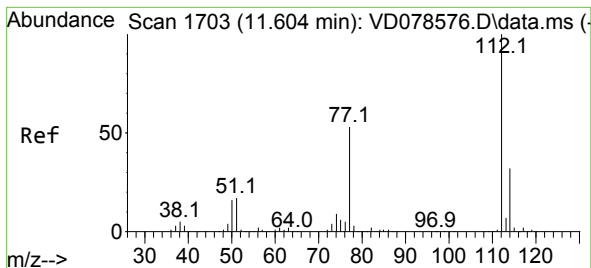
164 100

166 128.0 99.2 148.8

129 86.3 68.4 102.6

131 85.2 63.8 95.8

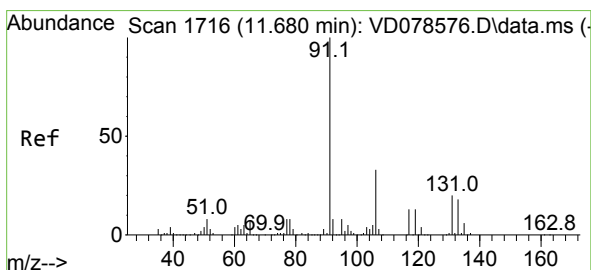
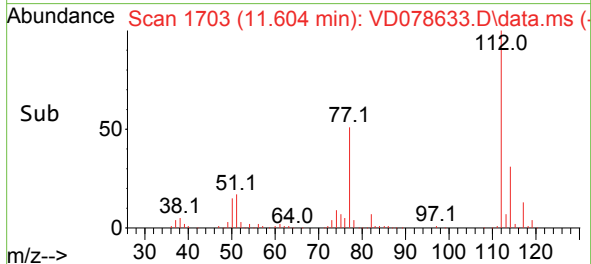
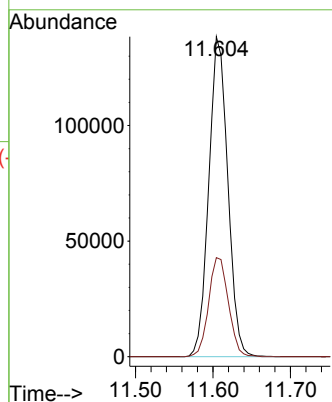
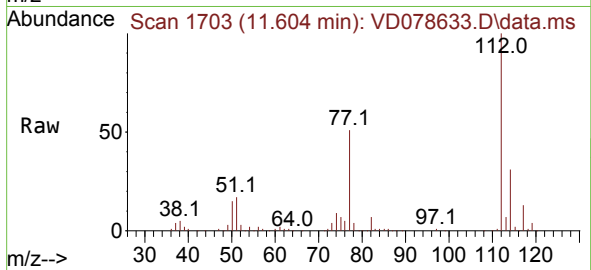




#65
Chlorobenzene
Concen: 55.158 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

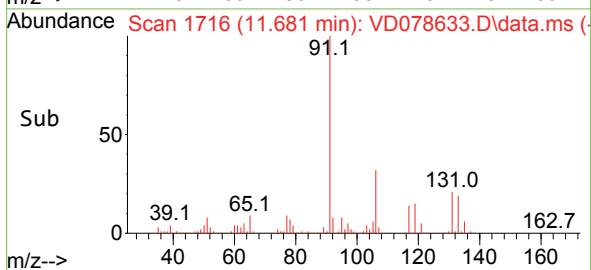
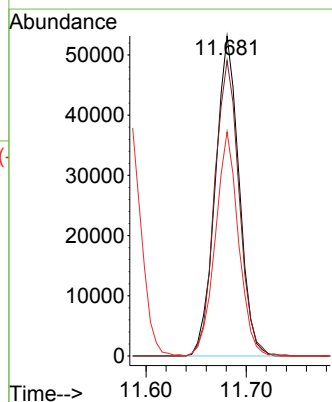
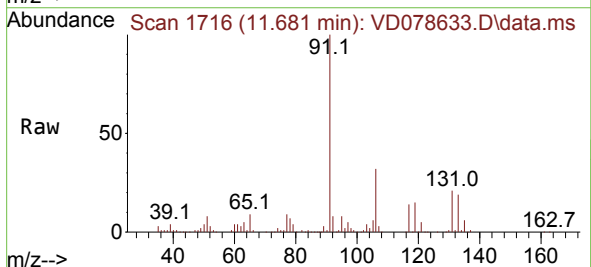
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

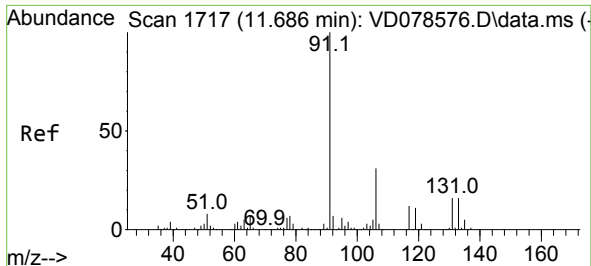
Tgt Ion:112 Resp: 235688
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.951 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:131 Resp: 87412
Ion Ratio Lower Upper
131 100
133 95.4 48.5 145.5
119 68.4 35.6 106.9





#67

Ethyl Benzene

Concen: 56.331 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

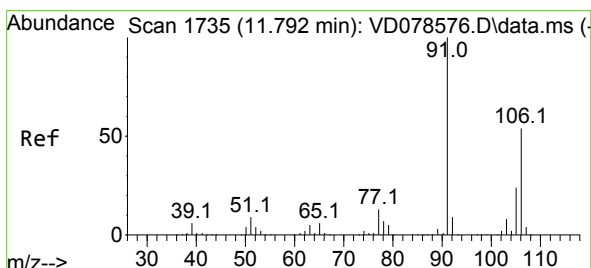
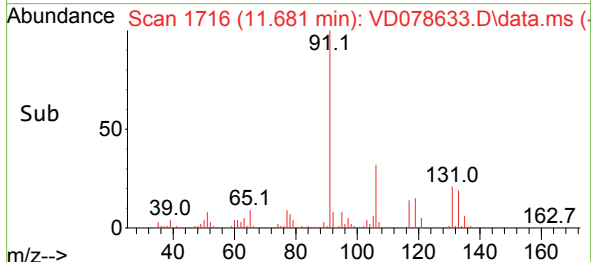
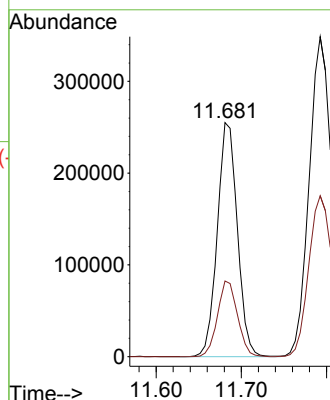
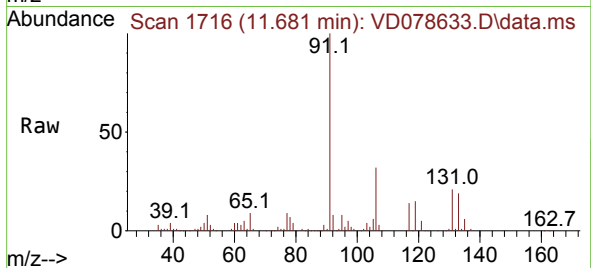
VSTDCCC050

Tgt Ion: 91 Resp: 417056

Ion Ratio Lower Upper

91 100

106 32.3 26.5 39.7



#68

m/p-Xylenes

Concen: 111.486 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078633.D

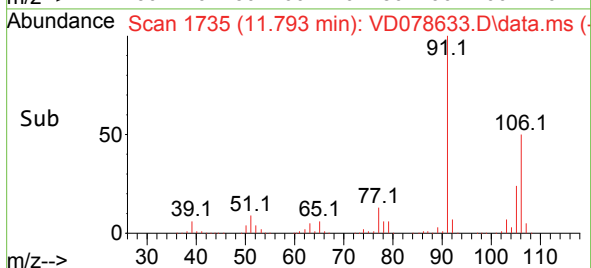
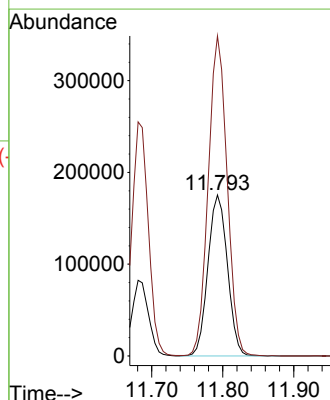
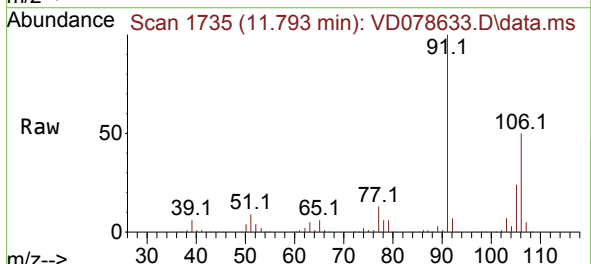
Acq: 12 Mar 2024 09:58

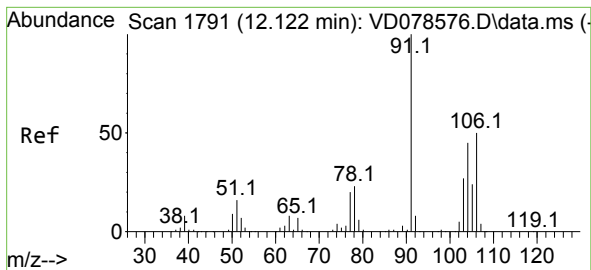
Tgt Ion:106 Resp: 333928

Ion Ratio Lower Upper

106 100

91 192.7 147.0 220.6

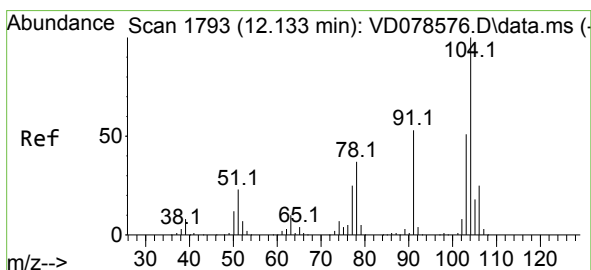
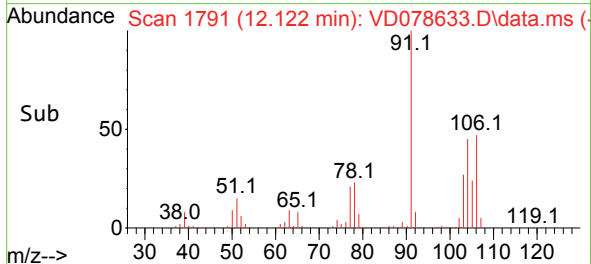
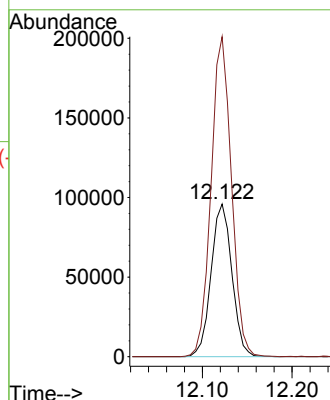
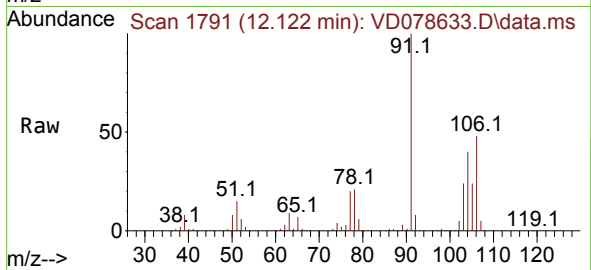




#69
o-Xylene
Concen: 56.857 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

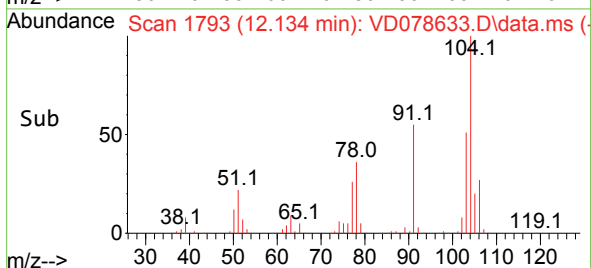
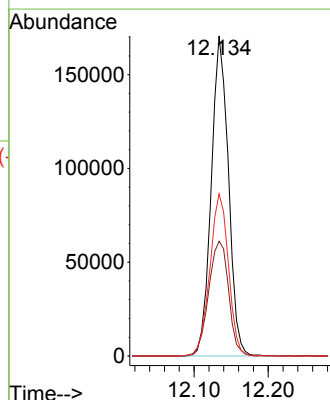
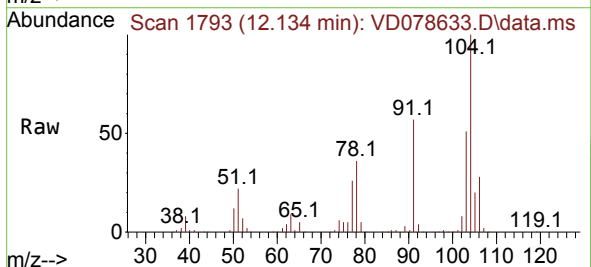
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

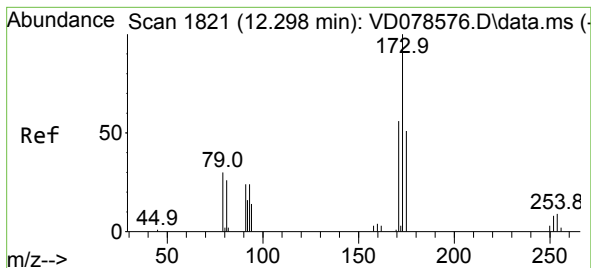
Tgt Ion:106 Resp: 154494
Ion Ratio Lower Upper
106 100
91 205.2 97.9 293.6



#70
Styrene
Concen: 58.247 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:104 Resp: 274338
Ion Ratio Lower Upper
104 100
78 41.8 33.2 49.8
103 54.9 43.6 65.4





#71

Bromoform

Concen: 59.226 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

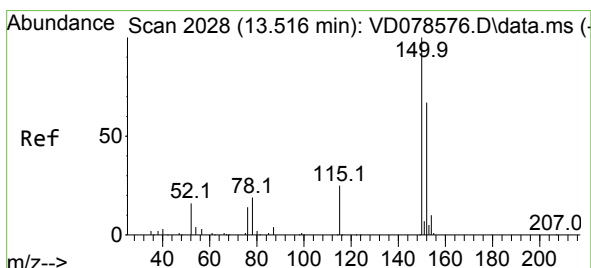
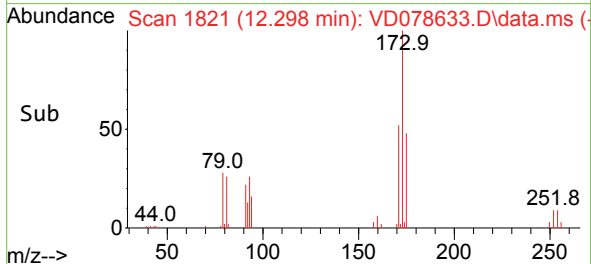
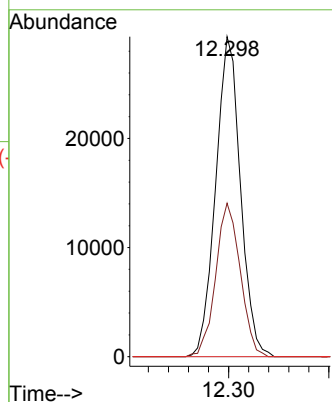
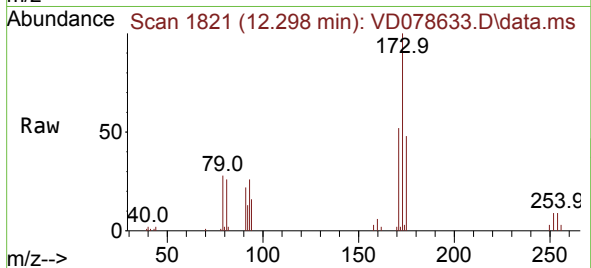
Tgt Ion:173 Resp: 50120

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

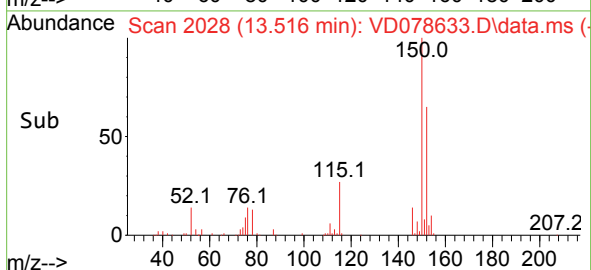
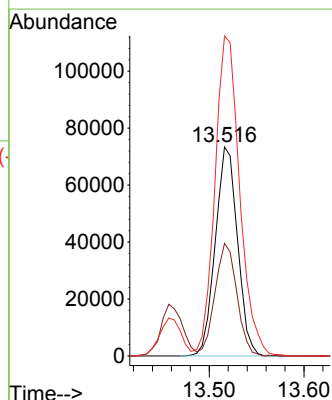
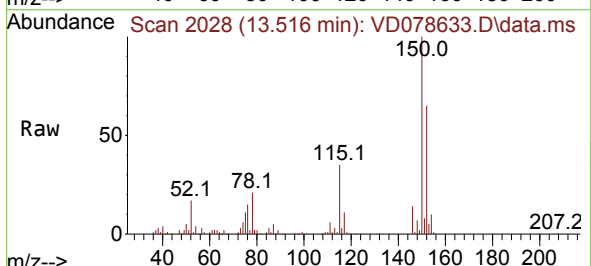
Tgt Ion:152 Resp: 119544

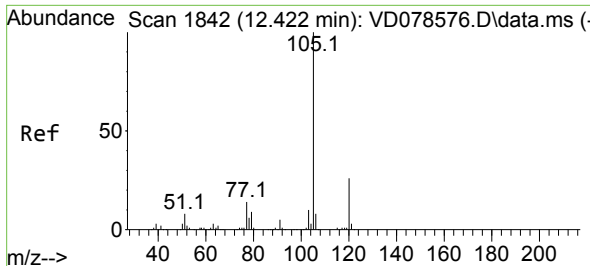
Ion Ratio Lower Upper

152 100

115 53.1 27.1 81.3

150 170.9 0.0 353.6

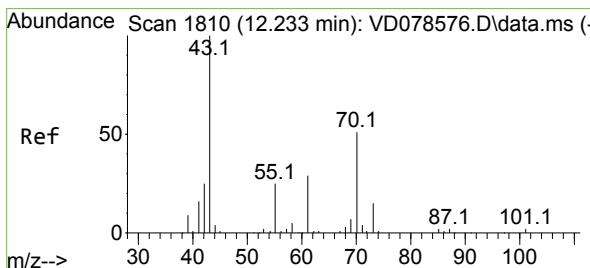
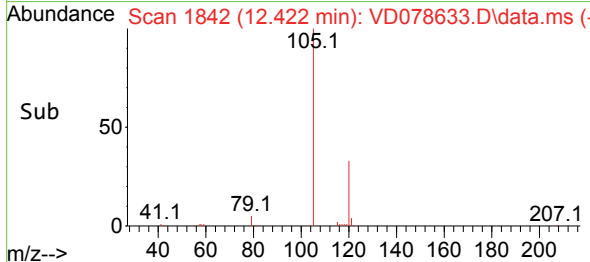
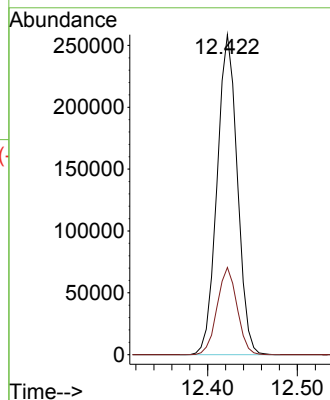
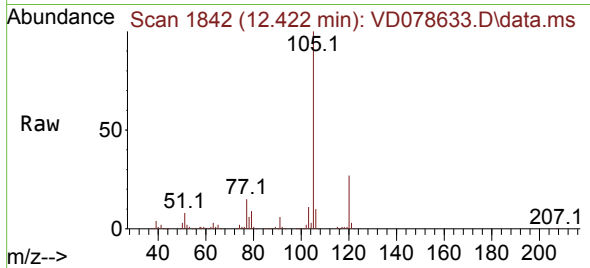




#73
Isopropylbenzene
Concen: 53.491 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

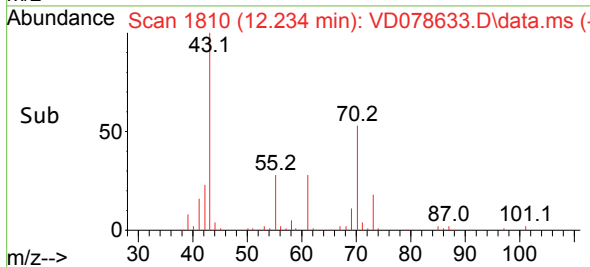
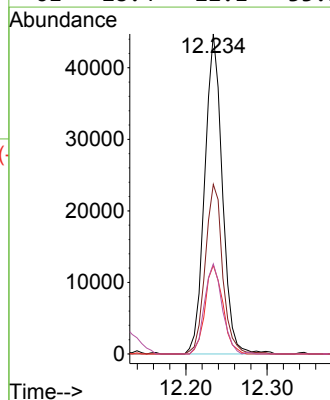
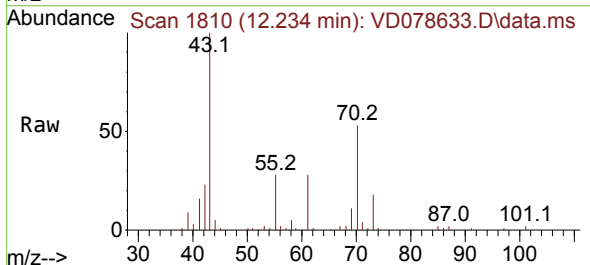
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

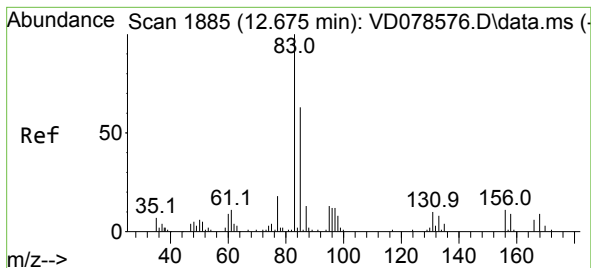
Tgt Ion:105 Resp: 405349
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 52.819 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 43 Resp: 67369
Ion Ratio Lower Upper
43 100
70 52.5 45.0 67.4
55 27.9 23.8 35.6
61 28.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.947 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

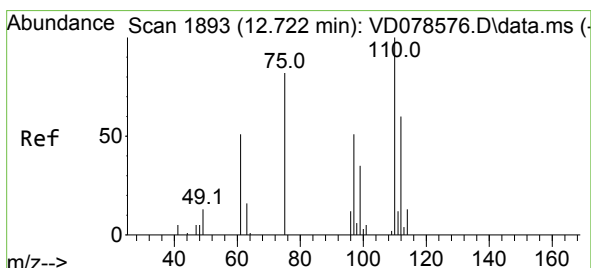
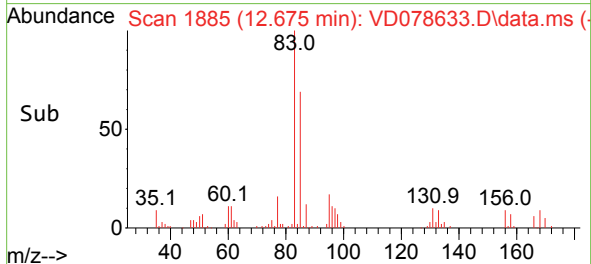
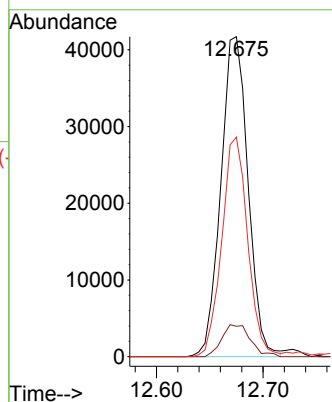
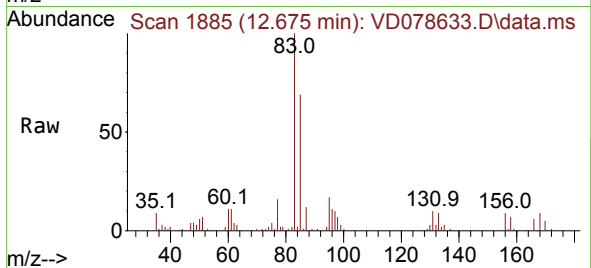
Tgt Ion: 83 Resp: 73959

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 65.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 95.432 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078633.D

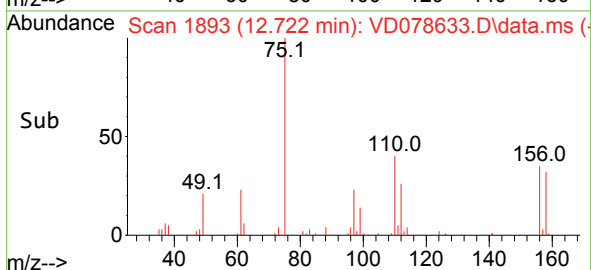
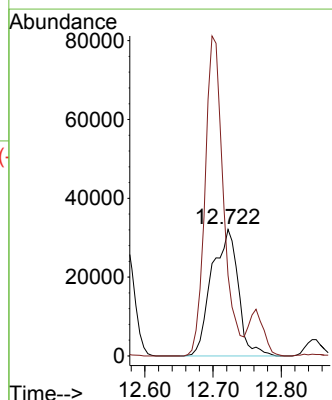
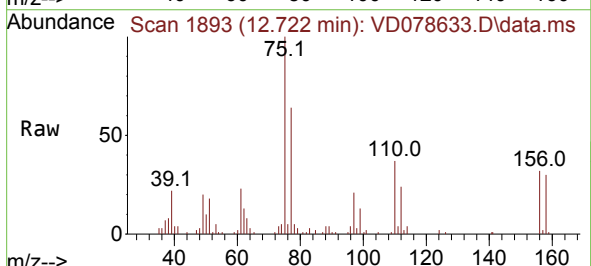
Acq: 12 Mar 2024 09:58

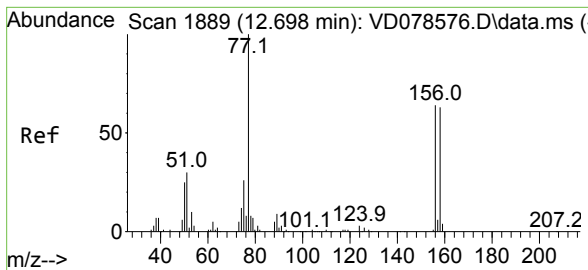
Tgt Ion: 75 Resp: 87130

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.361 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

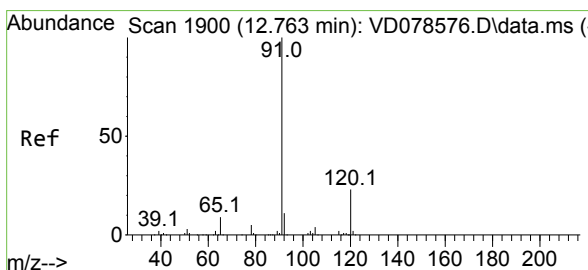
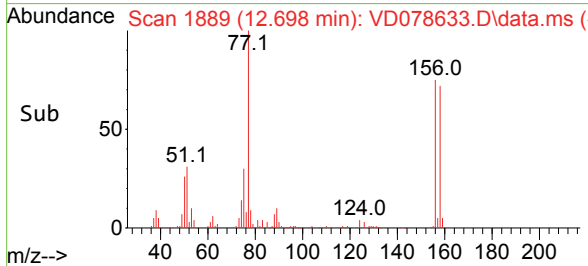
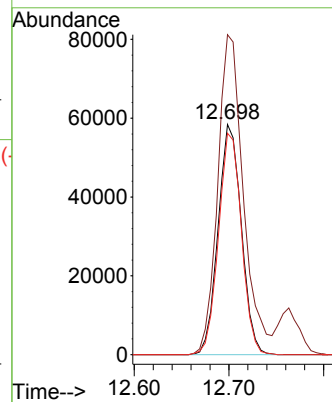
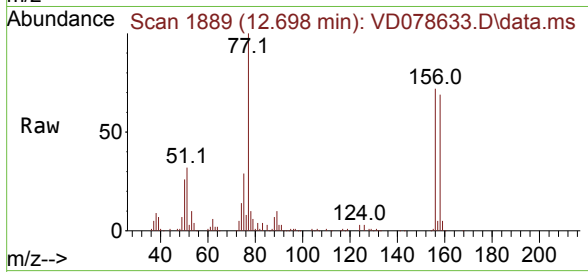
Tgt Ion:156 Resp: 99626

Ion Ratio Lower Upper

156 100

77 153.8 76.8 230.4

158 95.0 48.6 145.9



#78

n-propylbenzene

Concen: 52.939 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078633.D

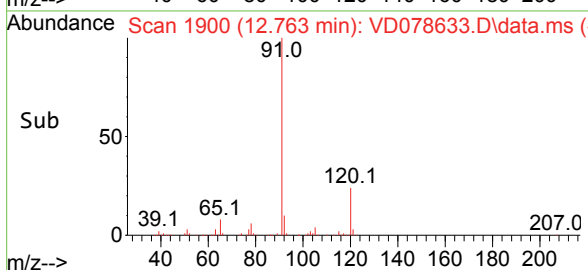
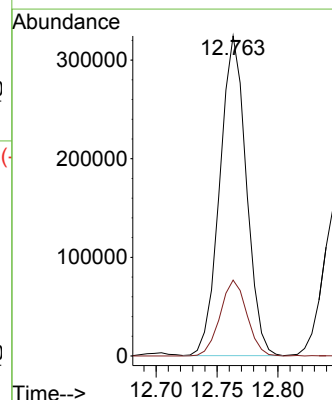
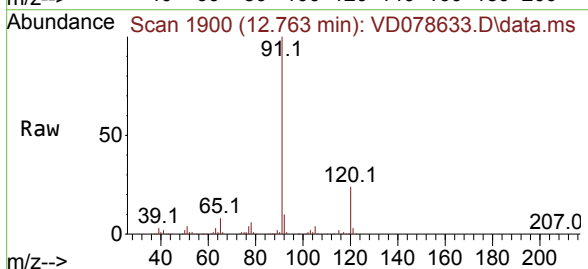
Acq: 12 Mar 2024 09:58

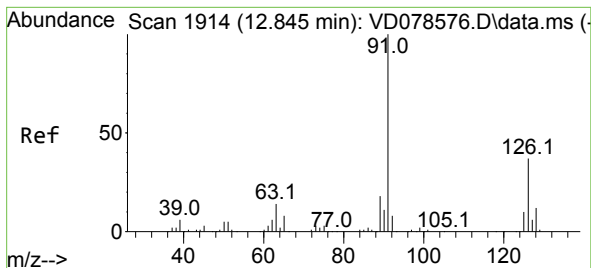
Tgt Ion: 91 Resp: 490699

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 53.053 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

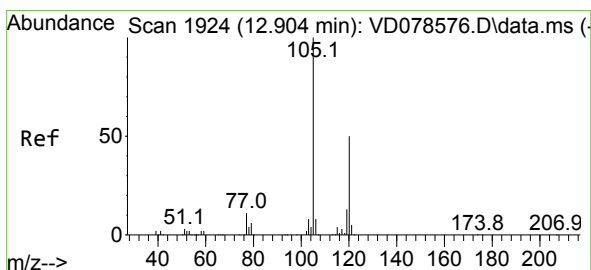
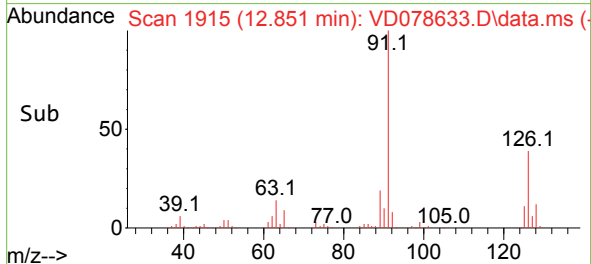
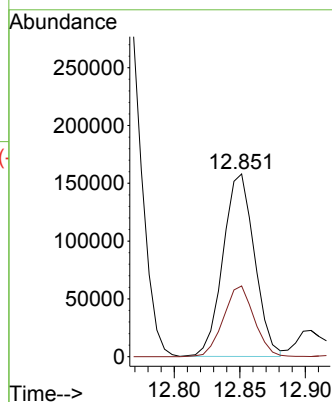
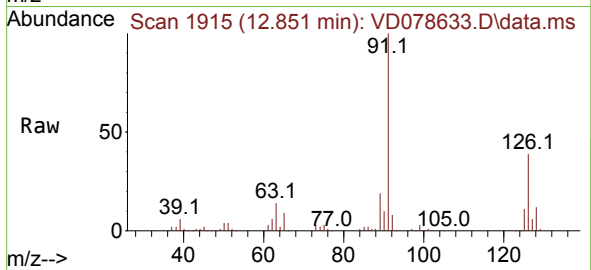
VSTDCCC050

Tgt Ion: 91 Resp: 263886

Ion Ratio Lower Upper

91 100

126 37.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 54.395 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078633.D

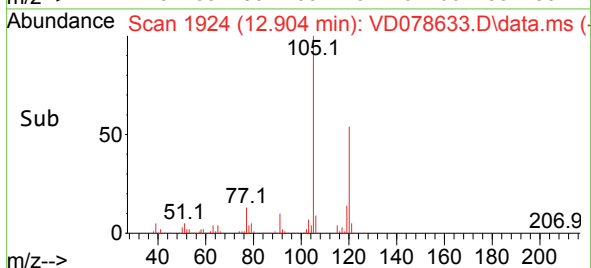
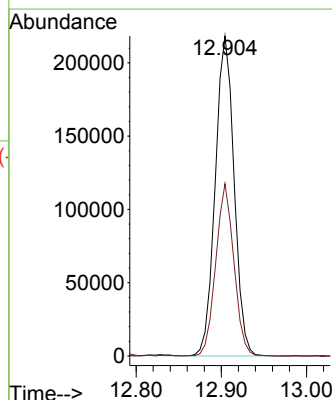
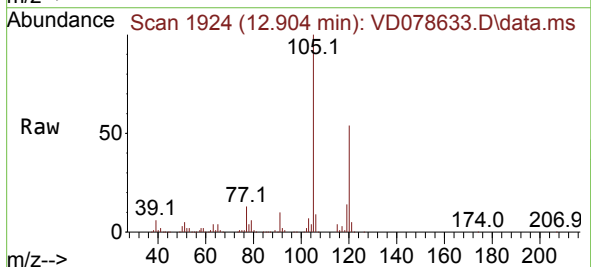
Acq: 12 Mar 2024 09:58

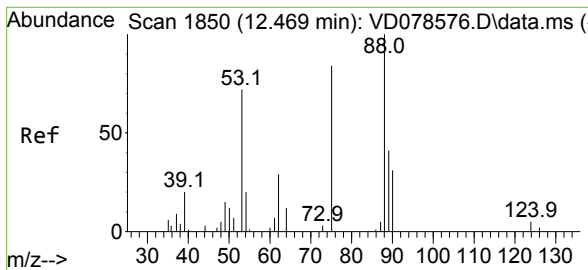
Tgt Ion: 105 Resp: 335418

Ion Ratio Lower Upper

105 100

120 51.7 26.4 79.2

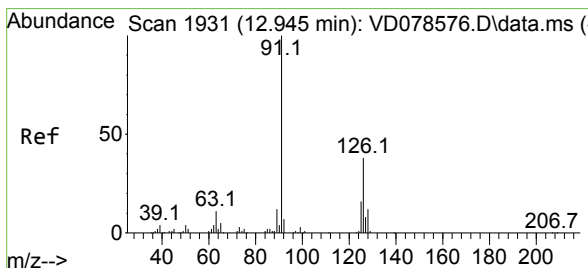
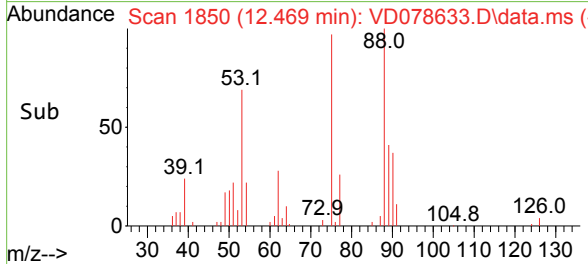
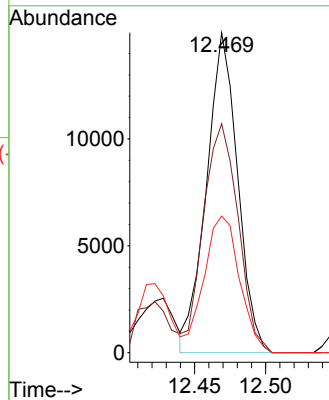
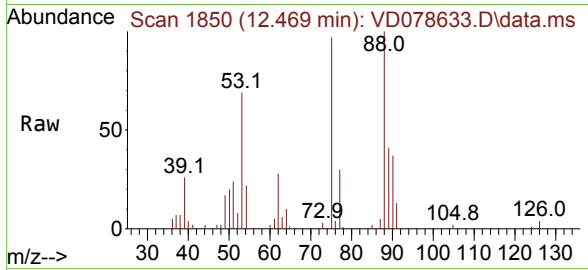




#81
trans-1,4-Dichloro-2-butene
Concen: 53.410 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

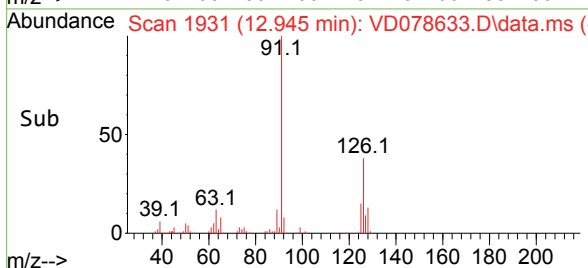
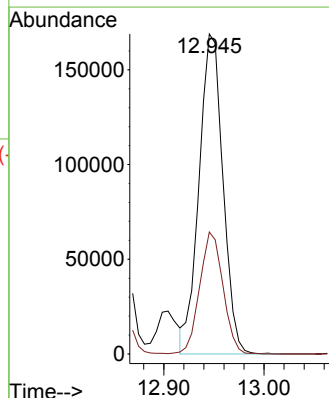
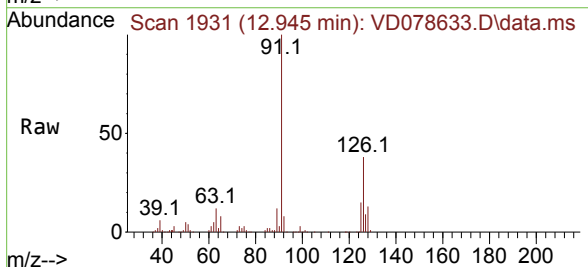
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

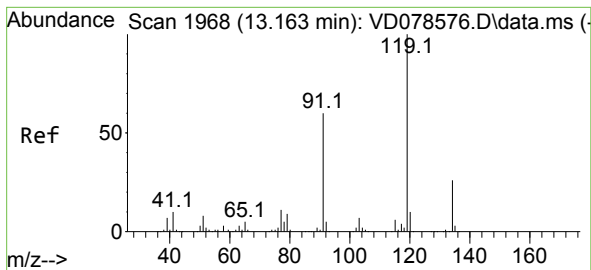
Tgt Ion:	75	Resp:	22782
Ion	Ratio	Lower	Upper
75	100		
53	80.0	63.0	94.4
89	49.0	37.9	56.9



#82
4-Chlorotoluene
Concen: 52.835 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:	91	Resp:	280074
Ion	Ratio	Lower	Upper
91	100		
126	37.2	19.4	58.4





#83

tert-Butylbenzene

Concen: 55.023 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

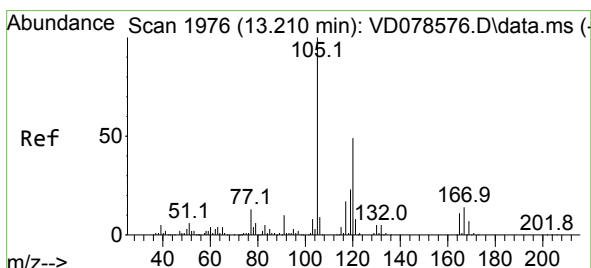
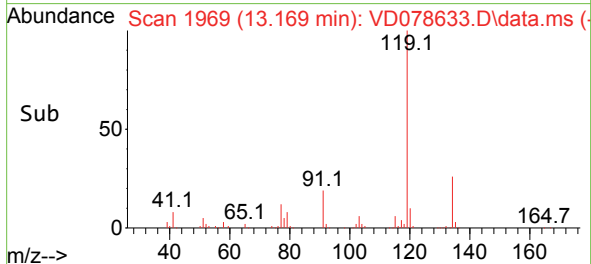
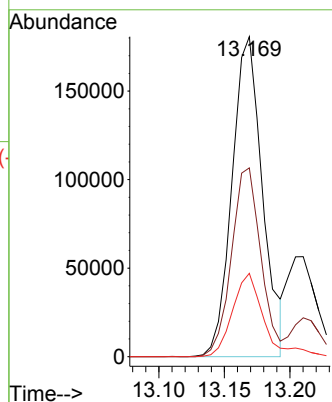
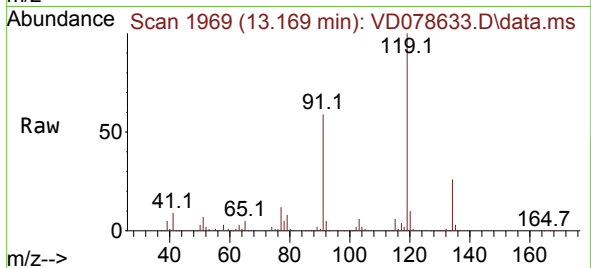
Tgt Ion:119 Resp: 292147

Ion Ratio Lower Upper

119 100

91 57.1 29.3 87.8

134 26.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 54.328 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078633.D

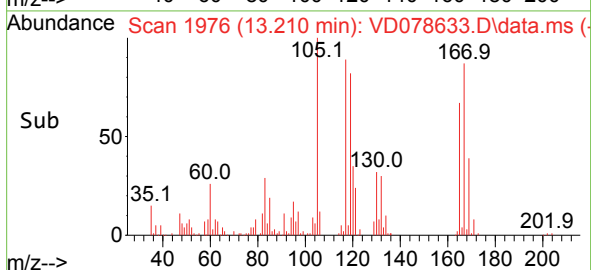
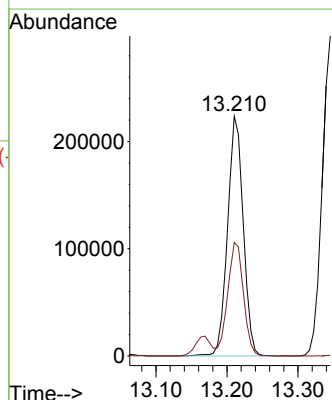
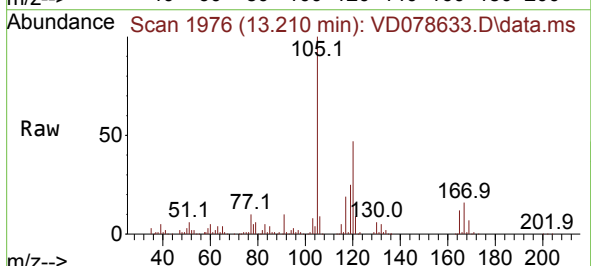
Acq: 12 Mar 2024 09:58

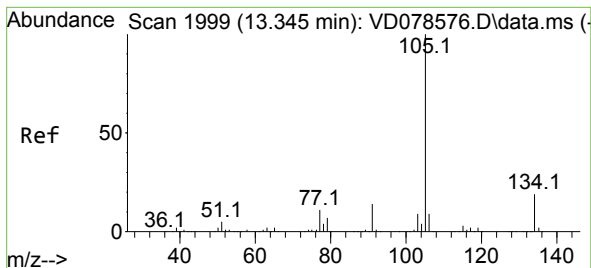
Tgt Ion:105 Resp: 342409

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 54.418 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

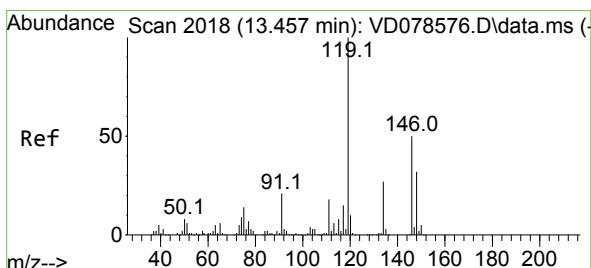
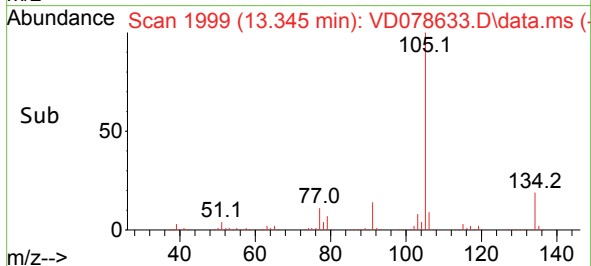
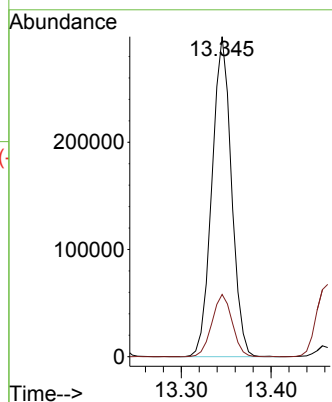
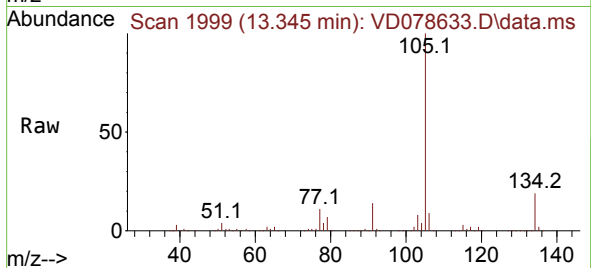
VSTDCCC050

Tgt Ion:105 Resp: 450756

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 55.112 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

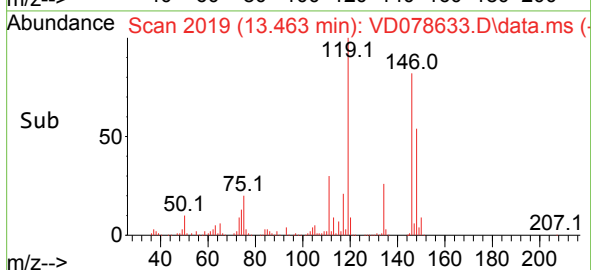
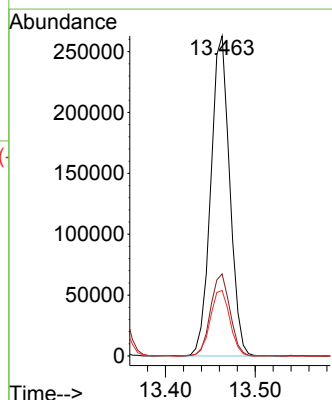
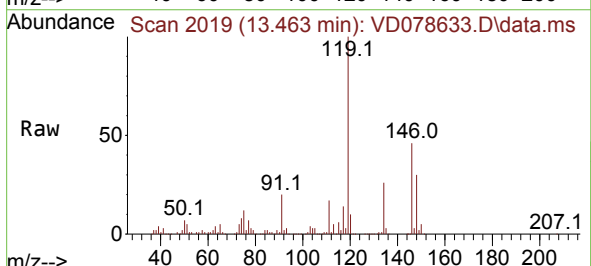
Tgt Ion:119 Resp: 384297

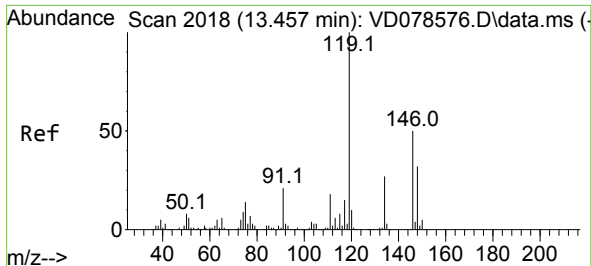
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

91 21.4 10.5 31.5

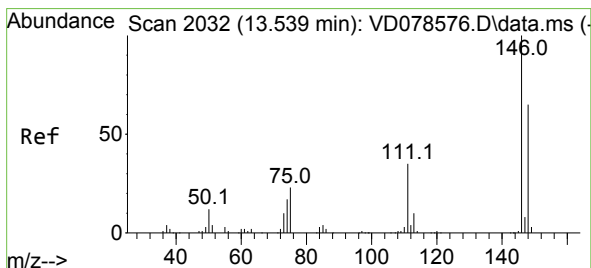
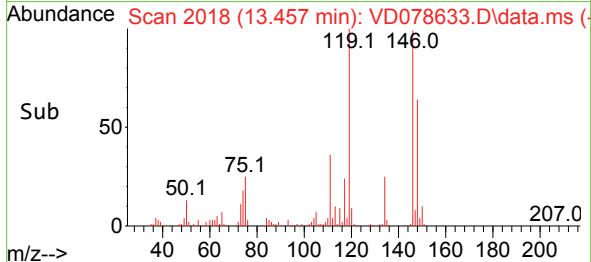
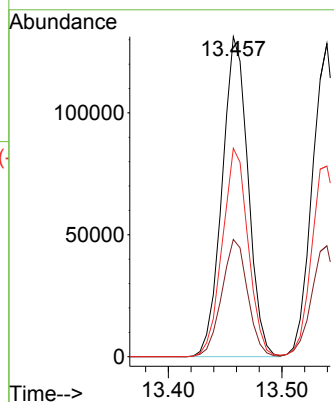
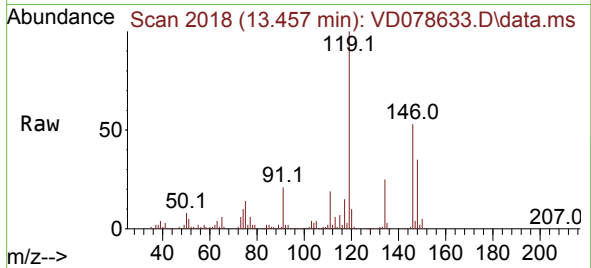




#87
 1,3-Dichlorobenzene
 Concen: 53.239 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

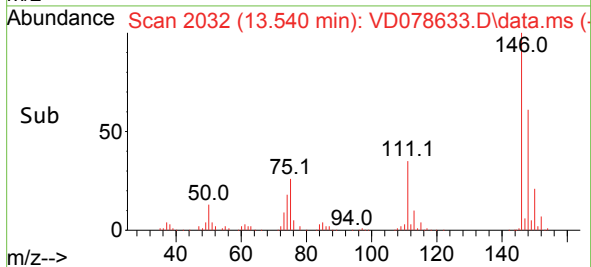
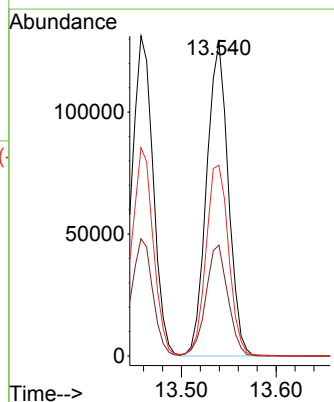
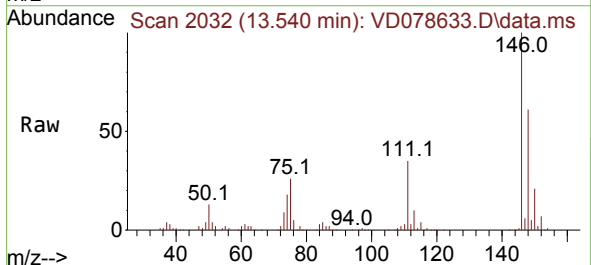
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

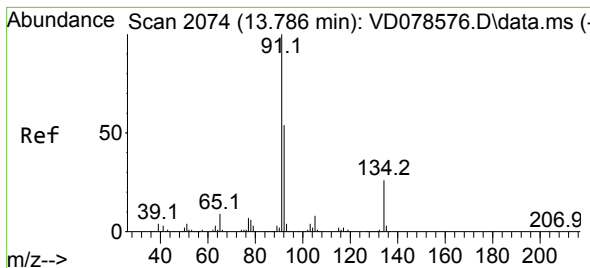
Tgt Ion:146 Resp: 208479
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.9 53.8
 148 64.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 52.336 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

Tgt Ion:146 Resp: 205328
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.4 52.3
 148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 54.792 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

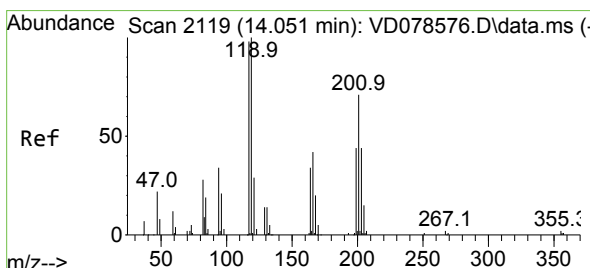
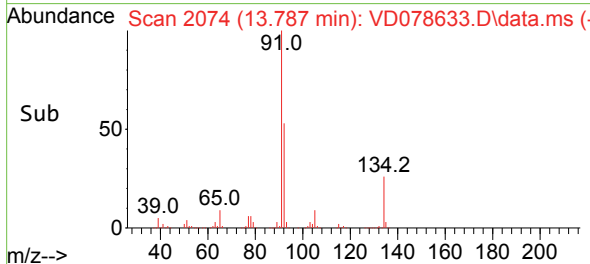
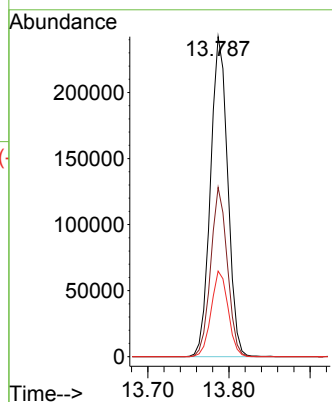
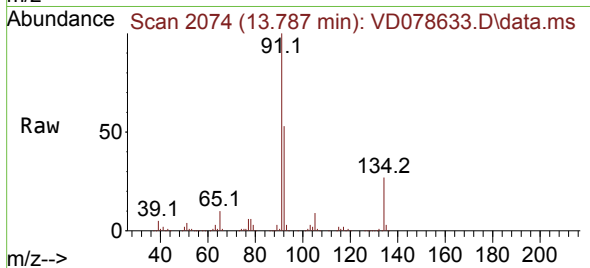
Tgt Ion: 91 Resp: 357045

Ion Ratio Lower Upper

91 100

92 51.0 26.5 79.5

134 26.2 13.8 41.3



#90

Hexachloroethane

Concen: 52.620 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078633.D

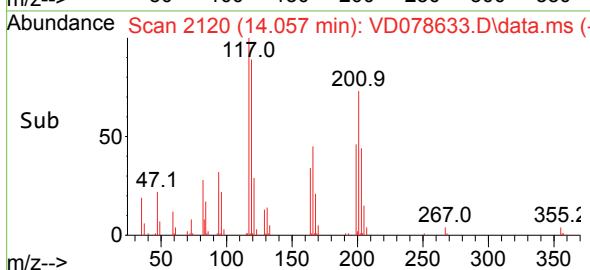
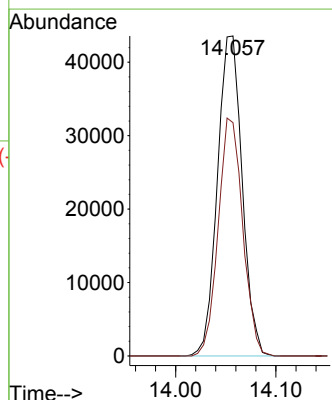
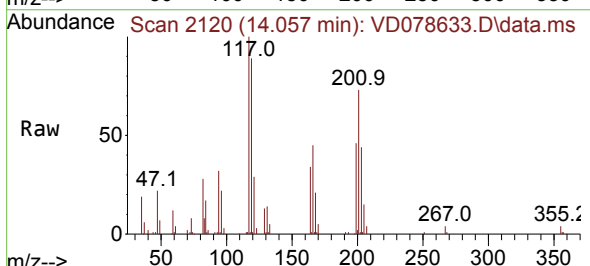
Acq: 12 Mar 2024 09:58

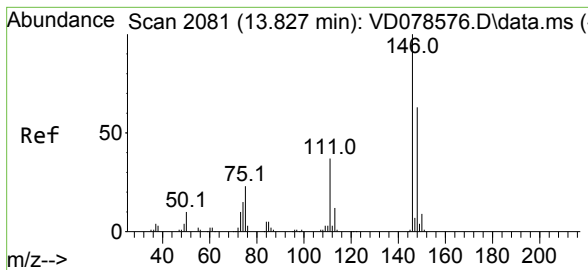
Tgt Ion: 117 Resp: 74606

Ion Ratio Lower Upper

117 100

201 73.6 38.5 115.5

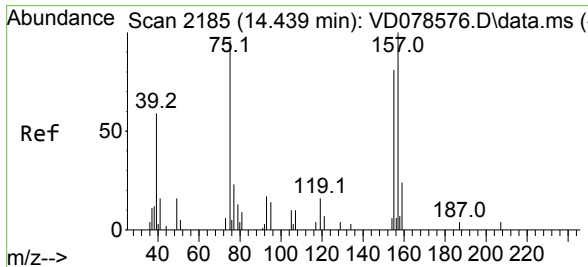
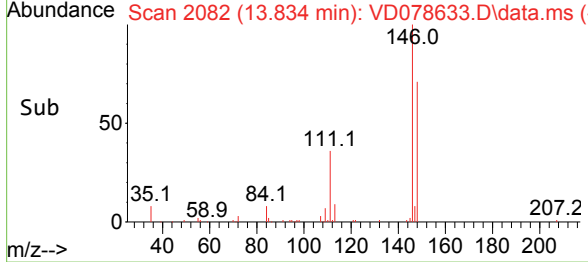
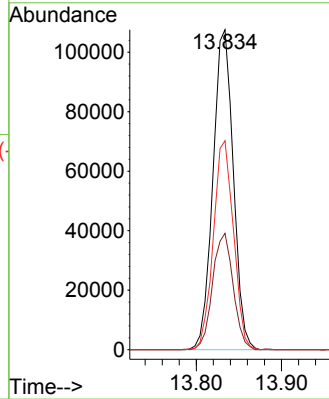
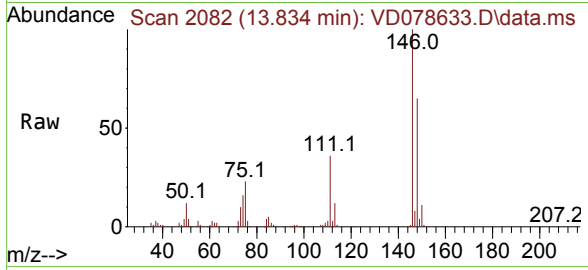




#91
1,2-Dichlorobenzene
Concen: 53.651 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

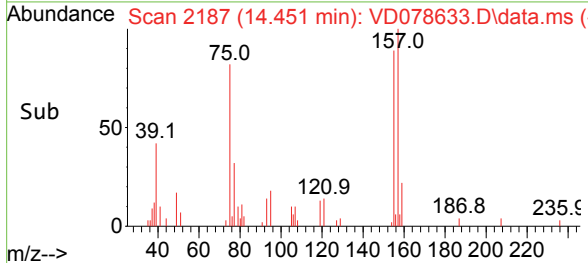
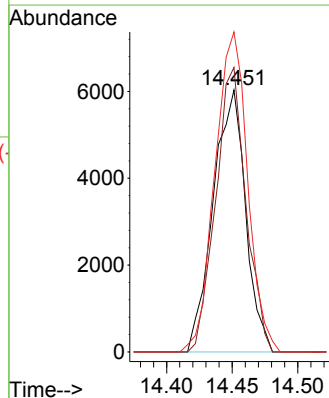
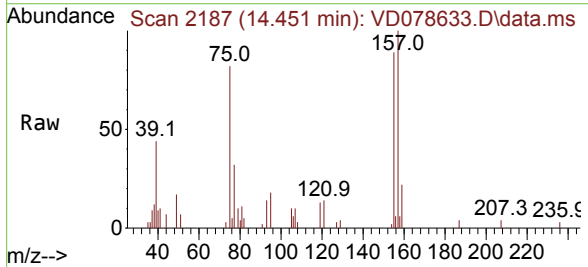
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

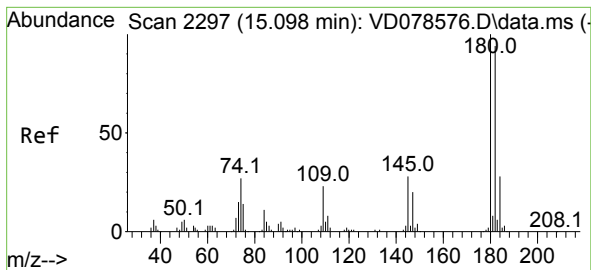
Tgt Ion:146 Resp: 178458
Ion Ratio Lower Upper
146 100
111 36.8 18.3 54.8
148 64.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.493 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 75 Resp: 10351
Ion Ratio Lower Upper
75 100
155 101.6 47.9 143.8
157 123.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 55.481 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

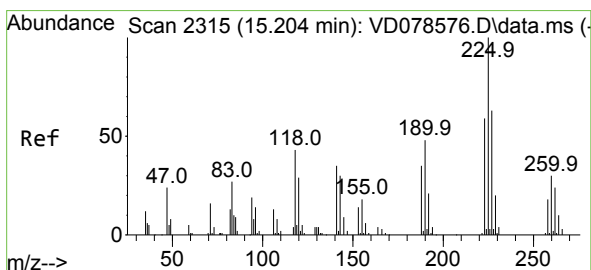
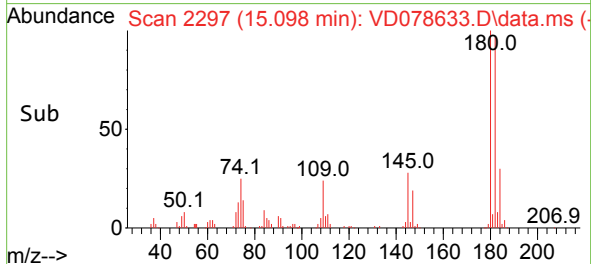
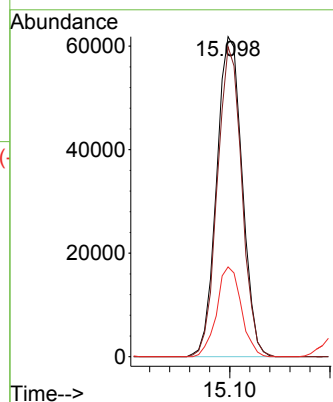
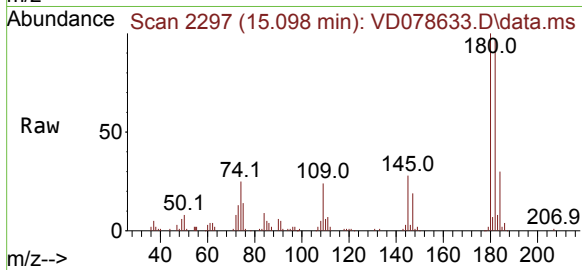
Tgt Ion:180 Resp: 109280

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.6

145 26.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.029 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

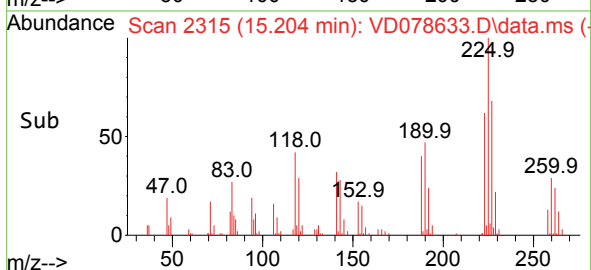
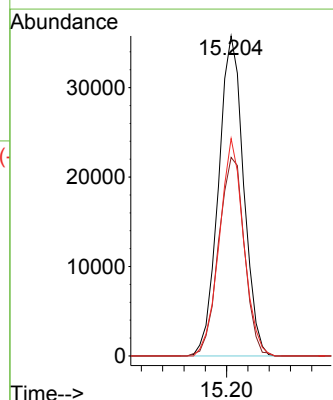
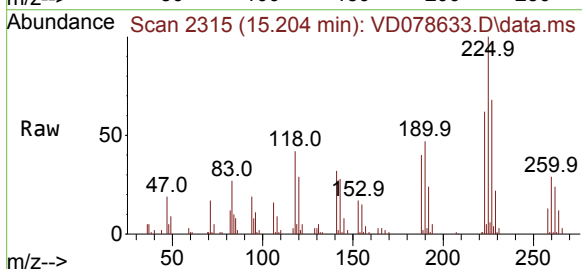
Tgt Ion:225 Resp: 58554

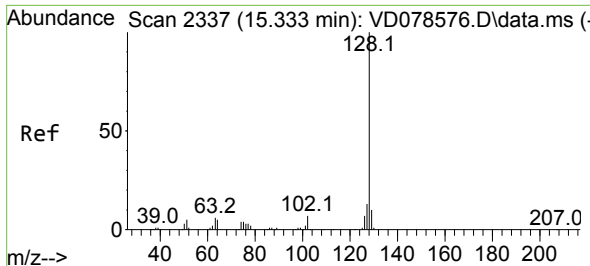
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

227 65.5 31.7 95.1

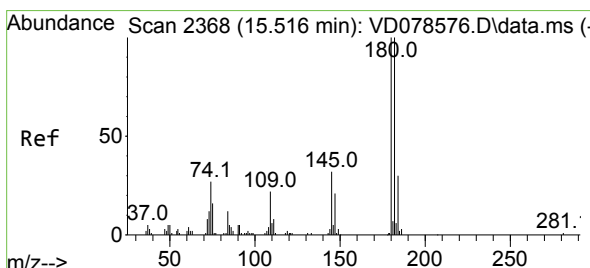
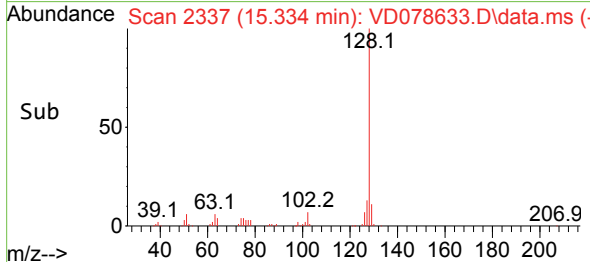
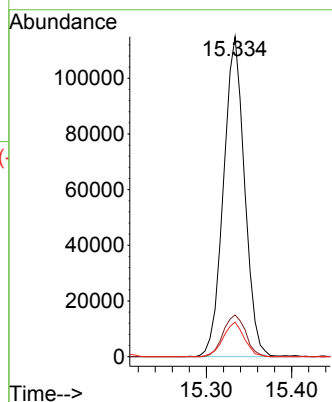
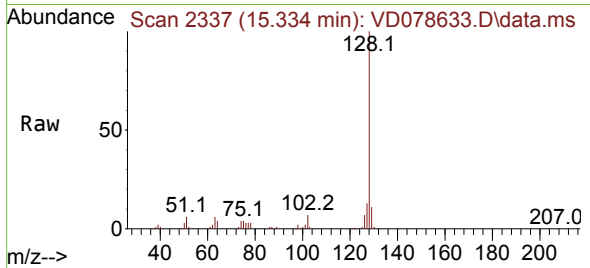




#95
Naphthalene
Concen: 56.622 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 197076
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.515 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:180 Resp: 95362
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.9
145 30.0 15.1 45.3

