

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078624.D
 Acq On : 11 Mar 2024 09:59
 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 12 01:34:57 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	137450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	223795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58107	42.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.300%
35) Dibromofluoromethane	7.811	113	64941	44.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.220%
50) Toluene-d8	10.269	98	255939	45.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.575	95	75641	46.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	48995	45.252	ug/l	99
3) Chloromethane	2.152	50	90538	46.358	ug/l	98
4) Vinyl Chloride	2.281	62	141395	41.851	ug/l	100
5) Bromomethane	2.693	94	110344	40.893	ug/l	98
6) Chloroethane	2.834	64	110296	44.046	ug/l	98
7) Trichlorofluoromethane	3.175	101	102121	44.701	ug/l	95
8) Diethyl Ether	3.599	74	28980	45.176	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	63317	43.975	ug/l	99
10) Methyl Iodide	4.164	142	69526	46.145	ug/l #	90
11) Tert butyl alcohol	5.069	59	13882	215.920	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	60080	44.697	ug/l	94
13) Acrolein	3.799	56	27023	199.982	ug/l	99
14) Allyl chloride	4.558	41	68060	44.455	ug/l	92
15) Acrylonitrile	5.258	53	61158	231.246	ug/l	99
16) Acetone	4.022	43	75224	288.175	ug/l	88
17) Carbon Disulfide	4.275	76	189524	42.321	ug/l	97
18) Methyl Acetate	4.570	43	26170	52.966	ug/l	94
19) Methyl tert-butyl Ether	5.328	73	125352	45.866	ug/l	98
20) Methylene Chloride	4.805	84	77180	41.348	ug/l #	89
21) trans-1,2-Dichloroethene	5.311	96	73335	45.407	ug/l	92
22) Diisopropyl ether	6.222	45	161502	47.051	ug/l	96
23) Vinyl Acetate	6.158	43	474475	232.742	ug/l	95
24) 1,1-Dichloroethane	6.111	63	117623	45.358	ug/l	99
25) 2-Butanone	7.081	43	87181	264.766	ug/l	89
26) 2,2-Dichloropropane	7.081	77	100892	46.054	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	82986	46.926	ug/l	99
28) Bromochloromethane	7.428	49	41140	42.466	ug/l	95
29) Tetrahydrofuran	7.446	42	41935	229.235	ug/l	96
30) Chloroform	7.599	83	131322	46.901	ug/l	97
31) Cyclohexane	7.881	56	89899	42.155	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	110390	45.958	ug/l	98
36) 1,1-Dichloropropene	8.011	75	94647	46.983	ug/l	97
37) Ethyl Acetate	7.169	43	33137	50.767	ug/l	96
38) Carbon Tetrachloride	7.993	117	103697	49.215	ug/l	93
39) Methylcyclohexane	9.275	83	108353	45.827	ug/l	97
40) Benzene	8.252	78	288817	48.370	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16164	46.203	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	71571	47.248	ug/l	99
43) Isopropyl Acetate	8.363	43	56310	44.998	ug/l #	78
44) Trichloroethene	9.028	130	76018	46.394	ug/l	99
45) 1,2-Dichloropropane	9.305	63	69895	48.729	ug/l	98
46) Dibromomethane	9.393	93	40720	49.245	ug/l	95
47) Bromodichloromethane	9.587	83	100451	49.268	ug/l #	97
48) Methyl methacrylate	9.381	41	28102	49.574	ug/l	86
49) 1,4-Dioxane	9.381	88	8867	974.437	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	159725	247.289	ug/l	96
52) Toluene	10.334	92	190084	49.613	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	92842	49.222	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	111024	49.161	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	56393	48.434	ug/l	94
56) Ethyl methacrylate	10.599	69	58496	50.125	ug/l	94
57) 1,3-Dichloropropane	10.875	76	92185	48.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	152381	297.342	ug/l	99
59) 2-Hexanone	10.922	43	133291	278.224	ug/l	92
60) Dibromochloromethane	11.075	129	70284	49.992	ug/l	99
61) 1,2-Dibromoethane	11.175	107	52752	49.367	ug/l	98
64) Tetrachloroethene	10.810	164	64748	47.463	ug/l	91
65) Chlorobenzene	11.604	112	204015	47.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	77551	48.790	ug/l	96
67) Ethyl Benzene	11.681	91	355901	48.109	ug/l	99
68) m/p-Xylenes	11.793	106	297016	99.241	ug/l	95
69) o-Xylene	12.122	106	136028	50.101	ug/l	100
70) Styrene	12.134	104	236214	50.192	ug/l	99
71) Bromoform	12.299	173	41956	49.618	ug/l #	100
73) Isopropylbenzene	12.422	105	350975	47.423	ug/l	97
74) N-amyl acetate	12.234	43	55188	44.303	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	62905	44.368	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	74281	83.303	ug/l #	100
77) Bromobenzene	12.698	156	84351	47.127	ug/l	97
78) n-propylbenzene	12.763	91	430519	47.556	ug/l	98
79) 2-Chlorotoluene	12.846	91	230174	47.382	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	298032	49.488	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	19390	46.544	ug/l	99
82) 4-Chlorotoluene	12.946	91	246350	47.584	ug/l	98
83) tert-Butylbenzene	13.169	119	257088	49.578	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	302810	49.193	ug/l	98
85) sec-Butylbenzene	13.346	105	389462	48.142	ug/l	97
86) p-Isopropyltoluene	13.457	119	333722	49.003	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	182134	47.623	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	183959	48.010	ug/l	98
89) n-Butylbenzene	13.787	91	303426	47.677	ug/l	98
90) Hexachloroethane	14.051	117	66159	47.778	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	155441	47.848	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8887	47.025	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	92330	47.996	ug/l	98
94) Hexachlorobutadiene	15.204	225	48653	45.966	ug/l	98
95) Naphthalene	15.334	128	162075	47.679	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	79866	46.748	ug/l	96

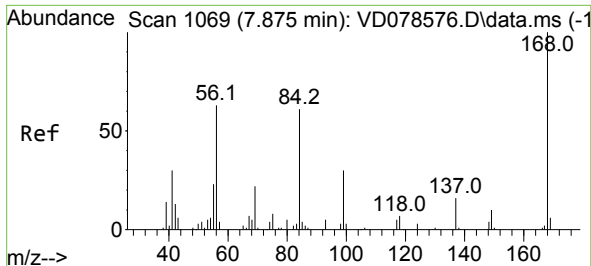
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

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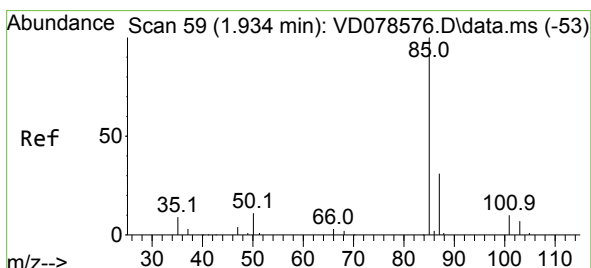
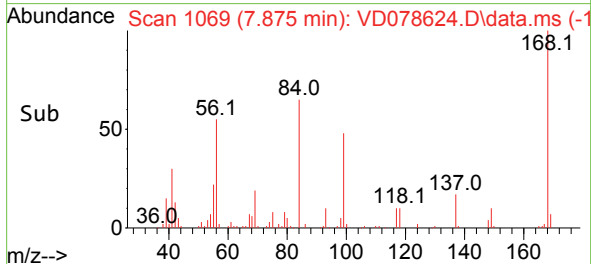
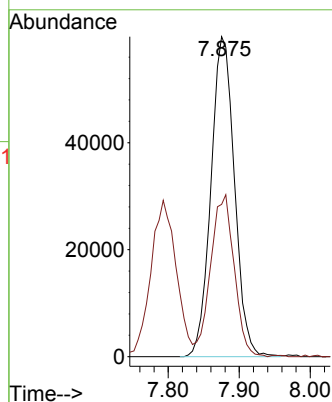
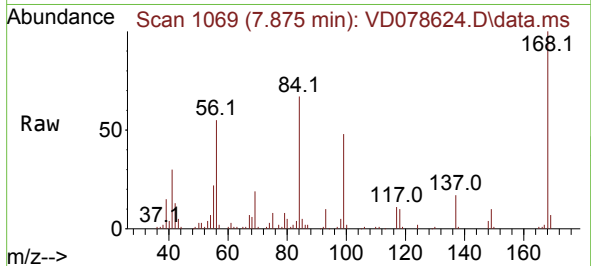
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

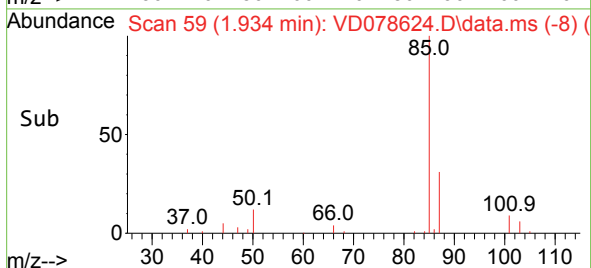
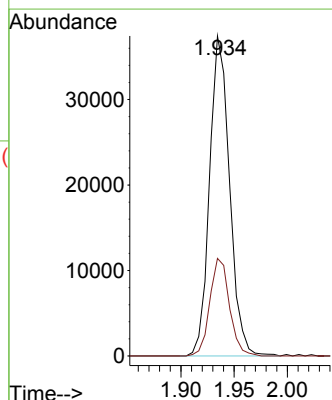
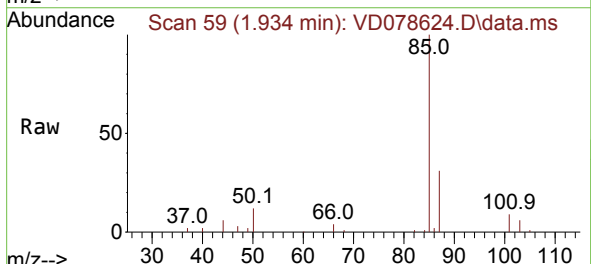
Instrument :
MSVOA_D
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VSTDCCC050

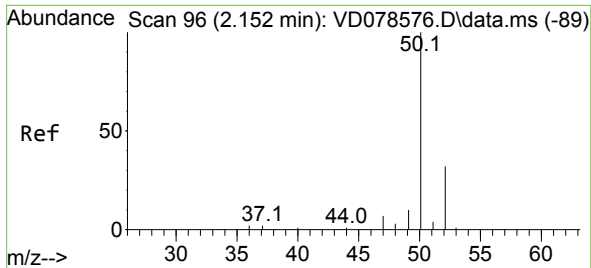
Tgt Ion:168 Resp: 137450
Ion Ratio Lower Upper
168 100
99 47.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 45.252 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 85 Resp: 48995
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.0

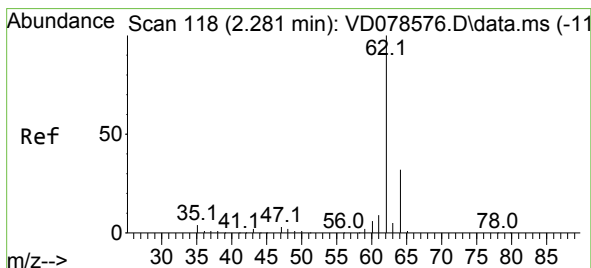
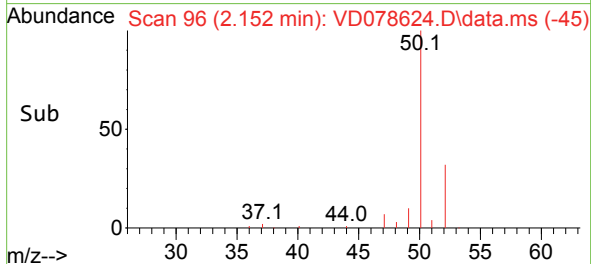
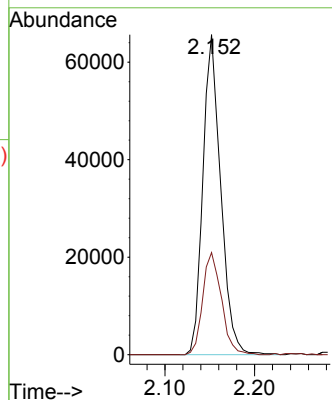
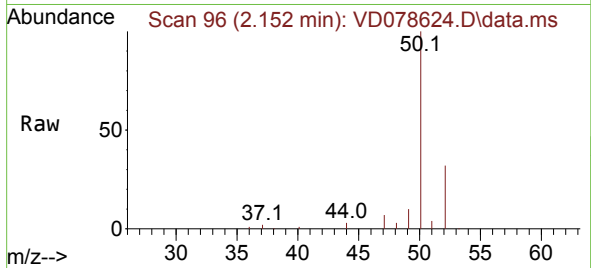




#3
Chloromethane
Concen: 46.358 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

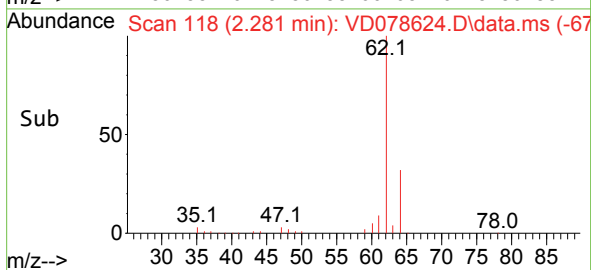
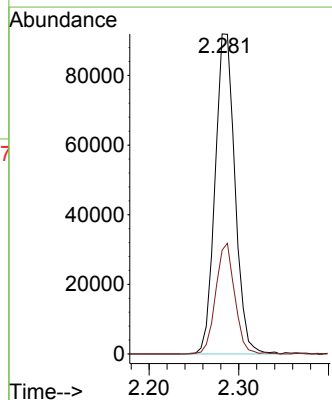
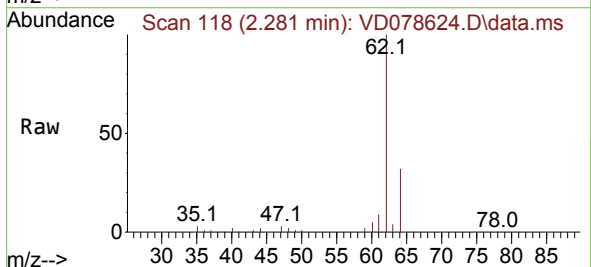
Instrument :
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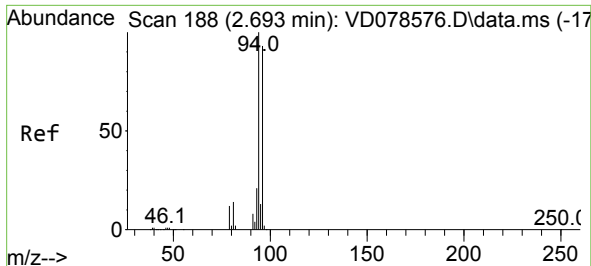
Tgt Ion: 50 Resp: 90538
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0



#4
Vinyl Chloride
Concen: 41.851 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 62 Resp: 141395
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

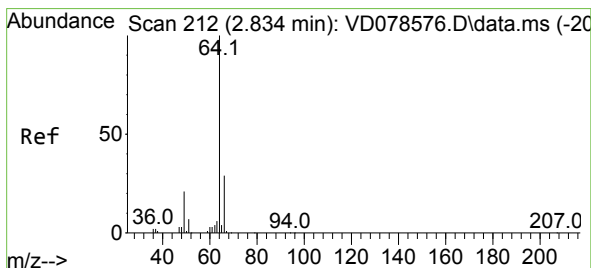
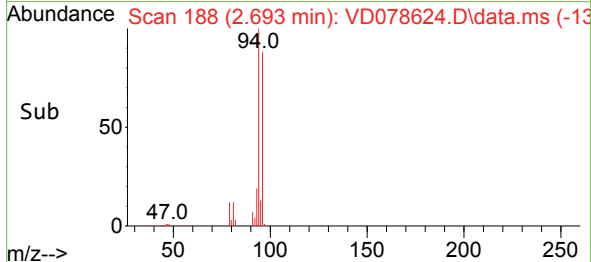
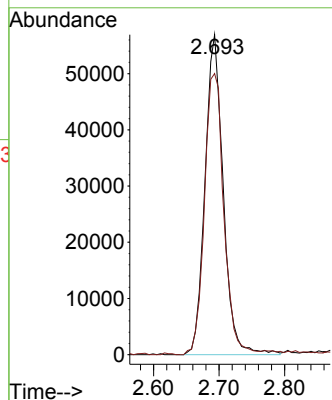
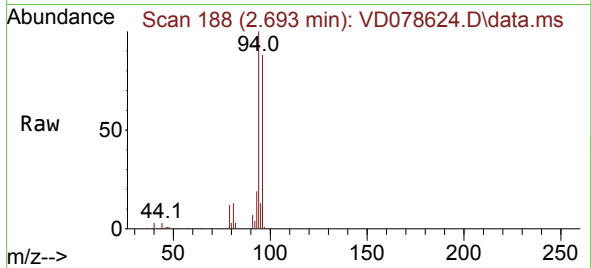




#5
Bromomethane
Concen: 40.893 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

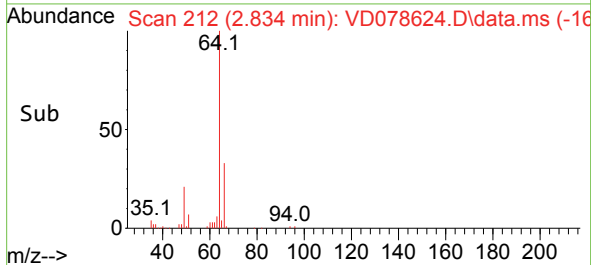
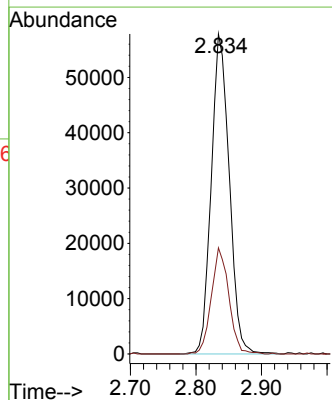
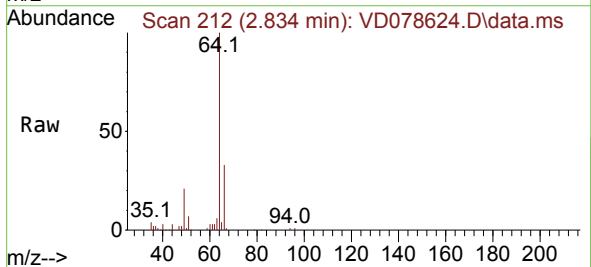
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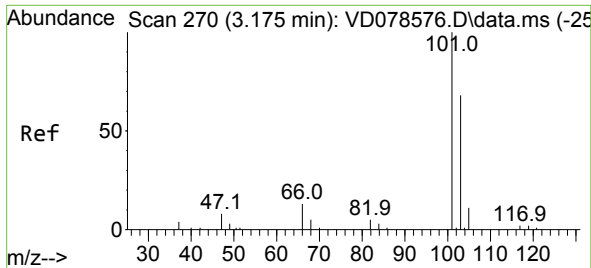
Tgt Ion: 94 Resp: 110344
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8



#6
Chloroethane
Concen: 44.046 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 64 Resp: 110296
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

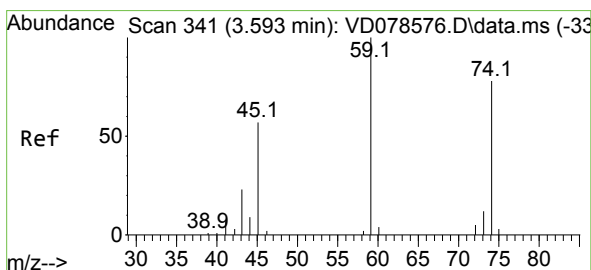
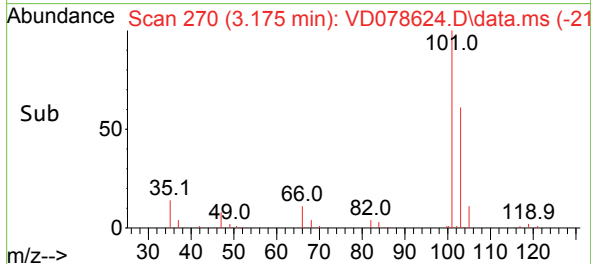
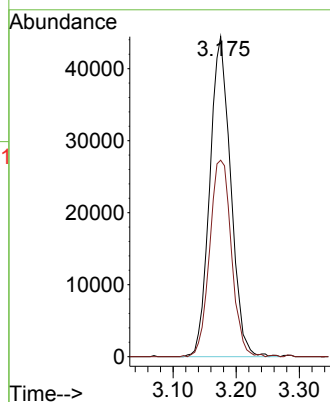
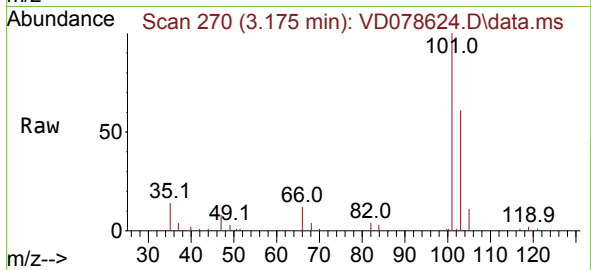




#7
Trichlorofluoromethane
Concen: 44.701 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

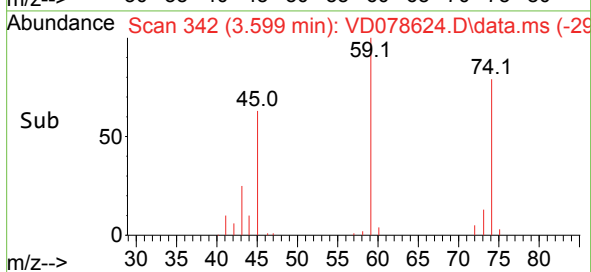
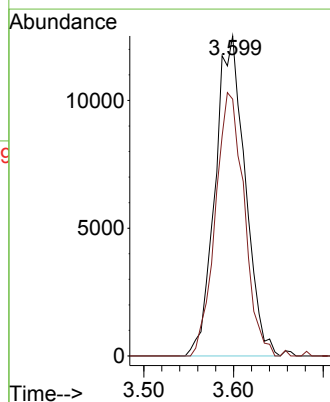
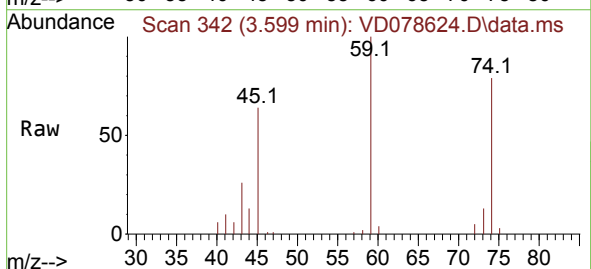
Instrument :
MSVOA_D
ClientSampleId :
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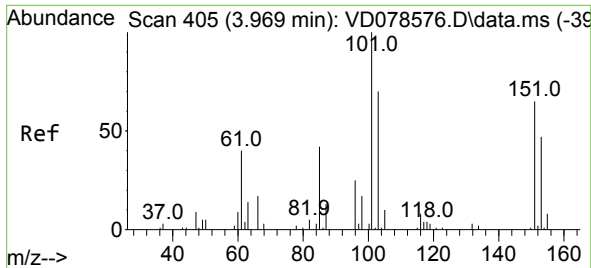
Tgt Ion:101 Resp: 102121
Ion Ratio Lower Upper
101 100
103 61.4 52.3 78.5



#8
Diethyl Ether
Concen: 45.176 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 74 Resp: 28980
Ion Ratio Lower Upper
74 100
45 79.2 37.5 112.7

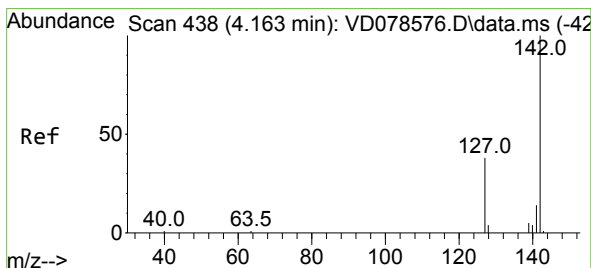
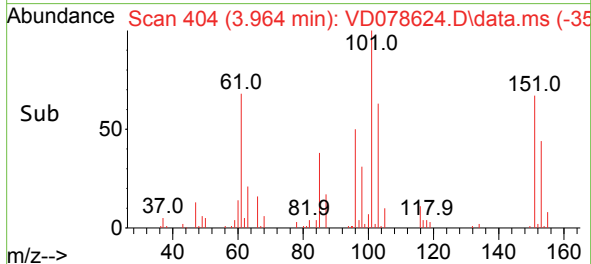
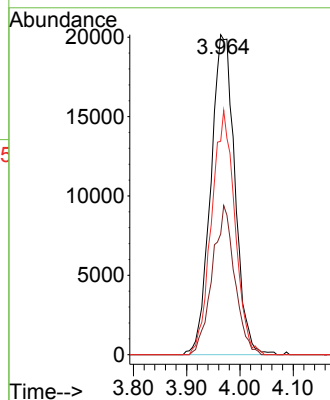
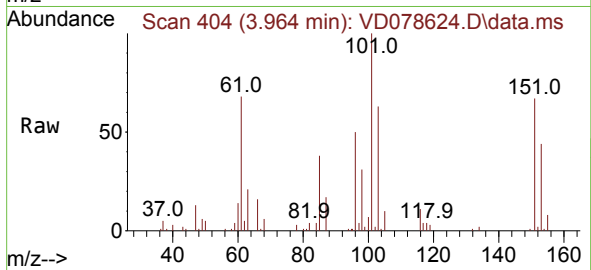




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.975 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

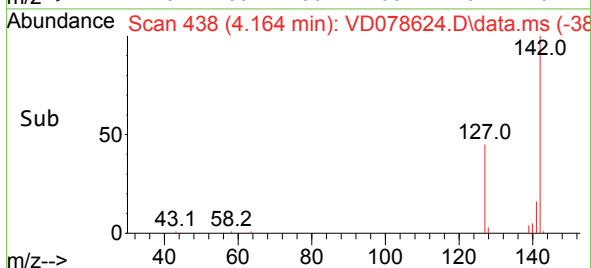
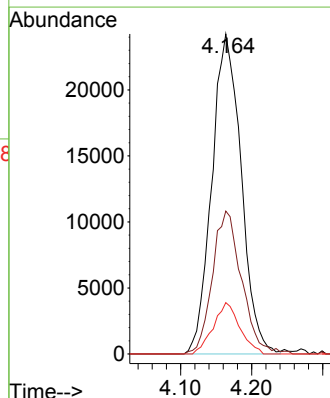
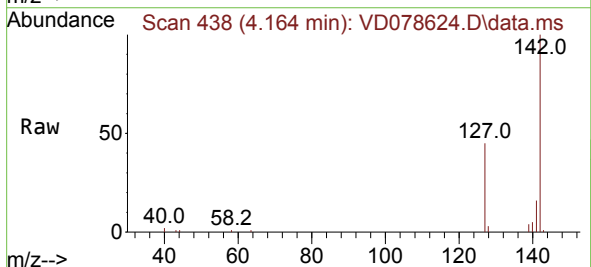
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

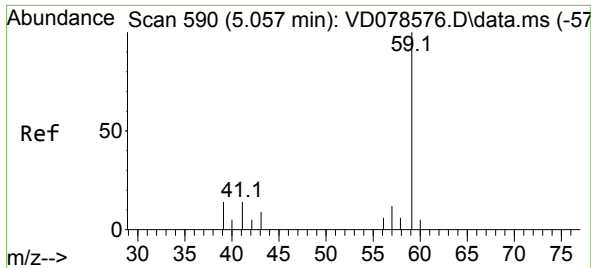
Tgt Ion:101 Resp: 63317
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 73.7 59.8 89.6



#10
Methyl Iodide
Concen: 46.145 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion:142 Resp: 69526
Ion Ratio Lower Upper
142 100
127 44.4 29.4 44.0#
141 14.4 11.1 16.7

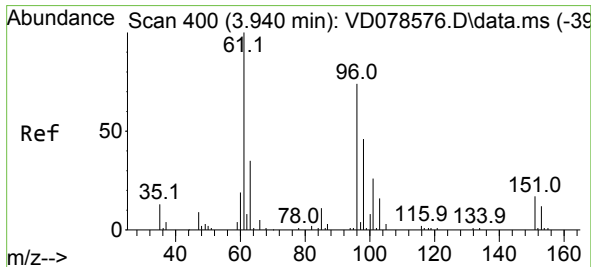
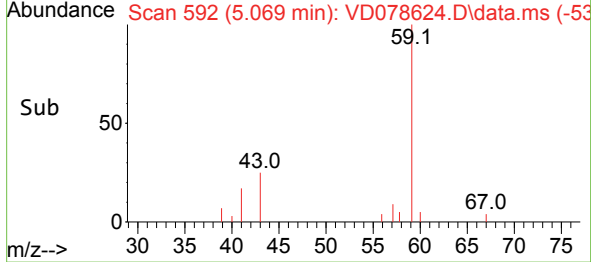
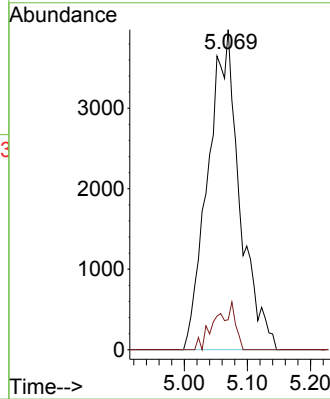
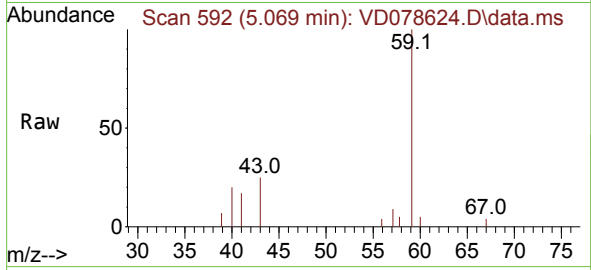




#11
Tert butyl alcohol
Concen: 215.920 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

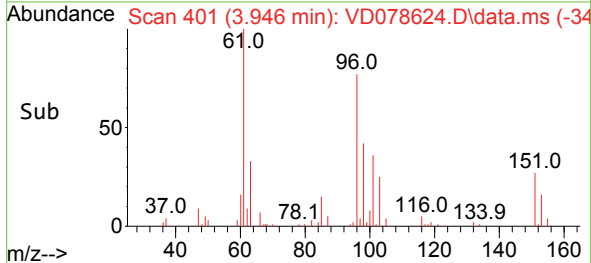
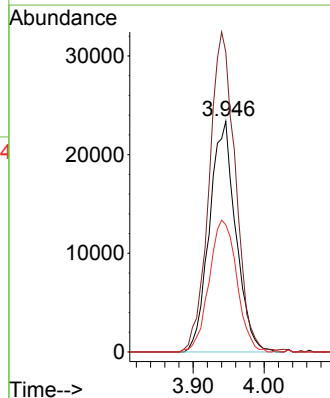
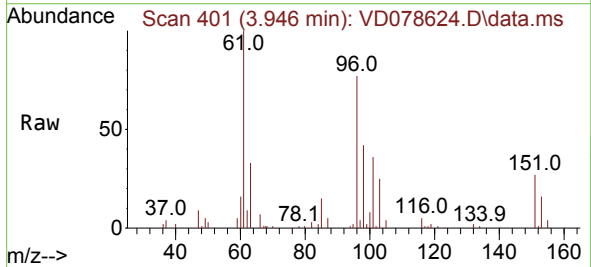
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

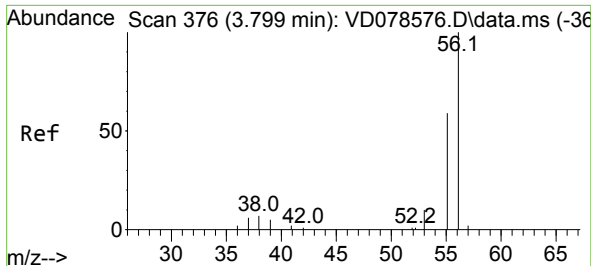
Tgt Ion: 59 Resp: 13882
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 44.697 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 96 Resp: 60080
Ion Ratio Lower Upper
96 100
61 130.1 100.6 150.8
98 55.1 50.2 75.2

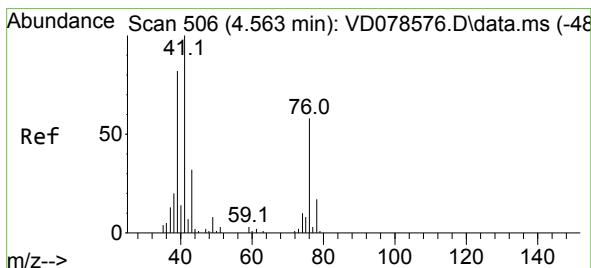
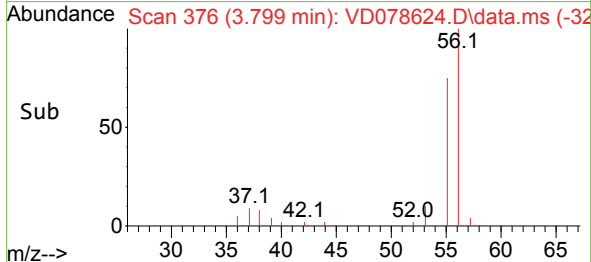
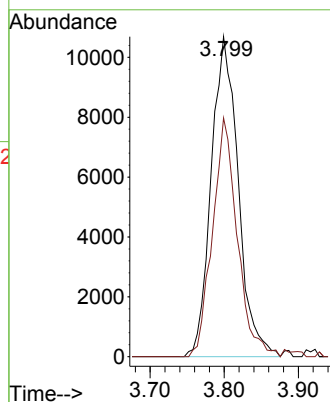
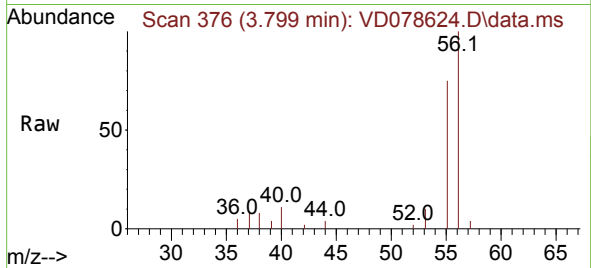




#13
Acrolein
Concen: 199.982 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

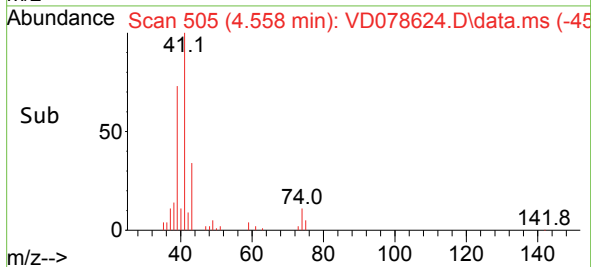
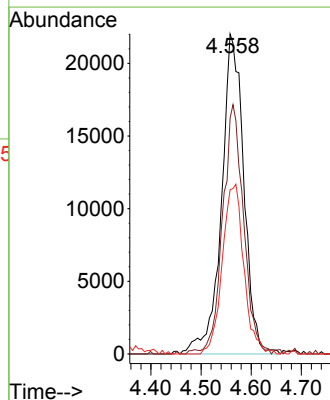
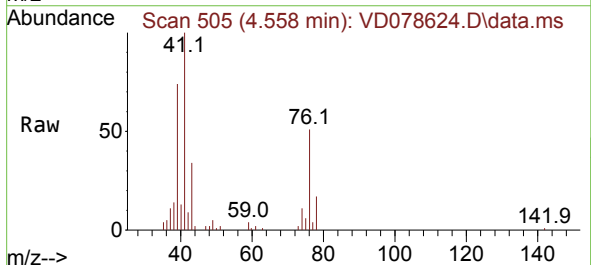
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

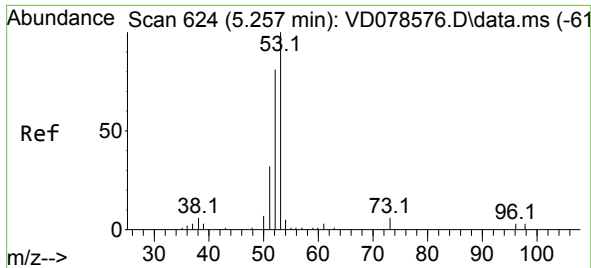
Tgt Ion: 56 Resp: 27023
Ion Ratio Lower Upper
56 100
55 68.4 55.1 82.7



#14
Allyl chloride
Concen: 44.455 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 41 Resp: 68060
Ion Ratio Lower Upper
41 100
39 73.1 53.8 80.6
76 51.1 45.8 68.8

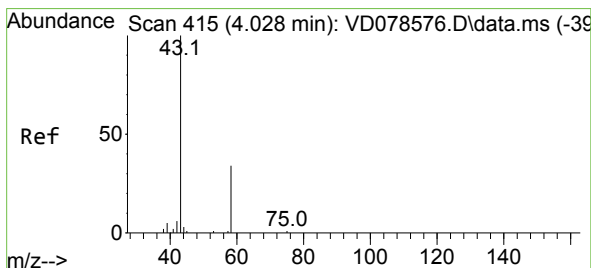
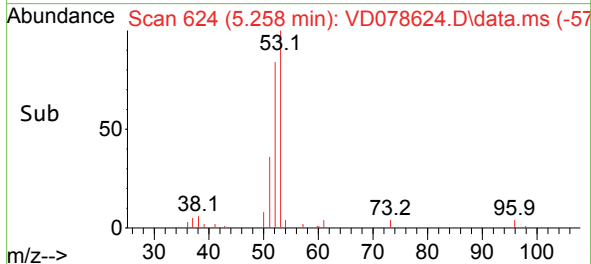
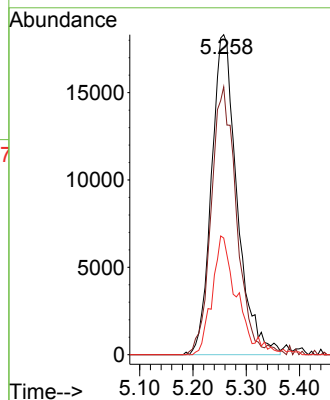
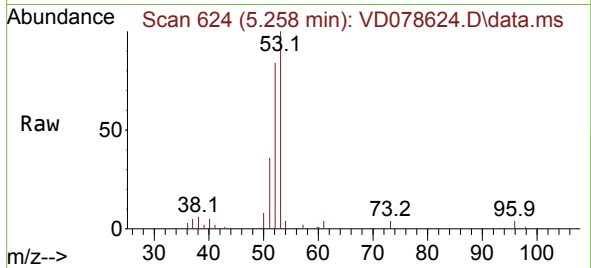




#15
Acrylonitrile
Concen: 231.246 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

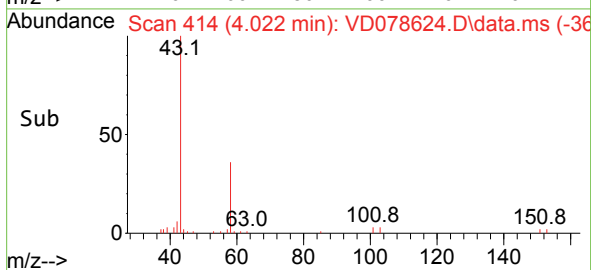
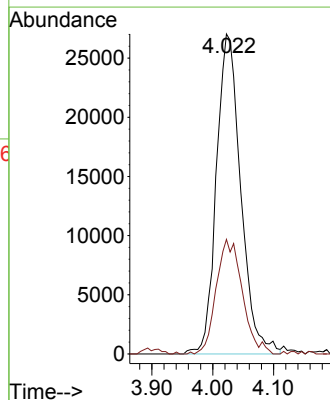
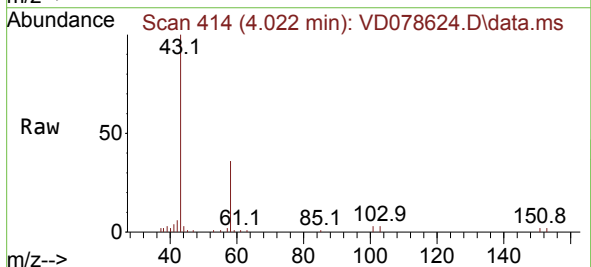
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

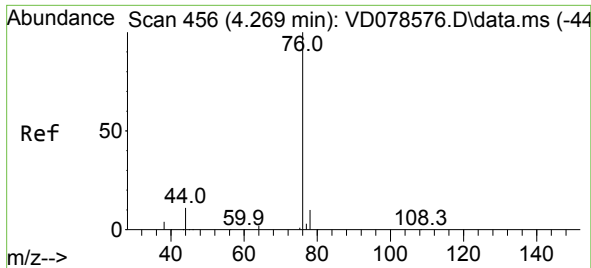
Tgt Ion:	53	Resp:	61158
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.0	97.4
51	34.2	28.3	42.5



#16
Acetone
Concen: 288.175 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion:	43	Resp:	75224
Ion	Ratio	Lower	Upper
43	100		
58	35.8	34.7	52.1

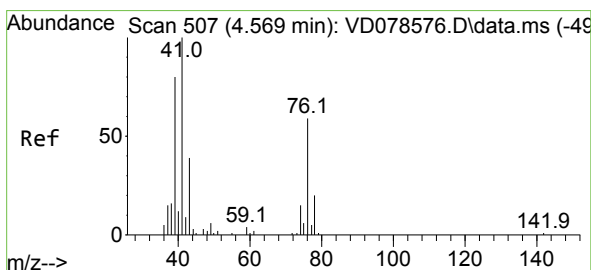
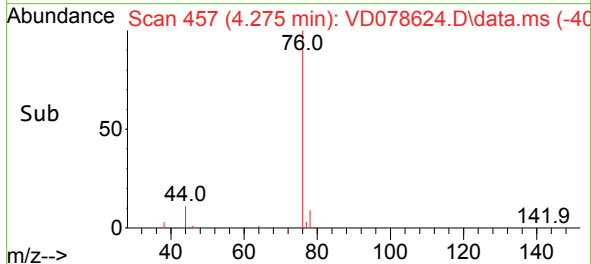
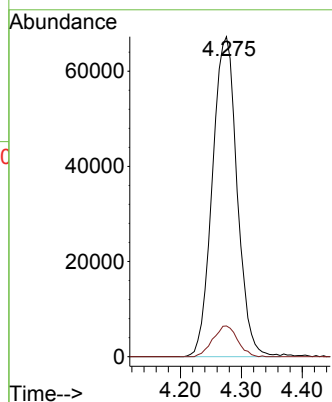
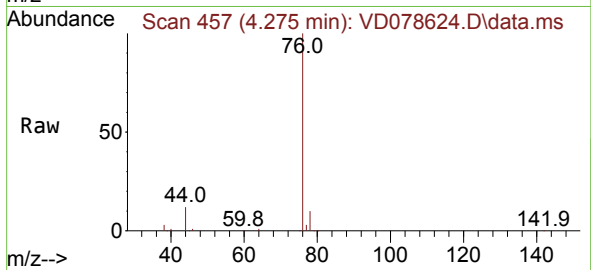




#17
Carbon Disulfide
Concen: 42.321 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

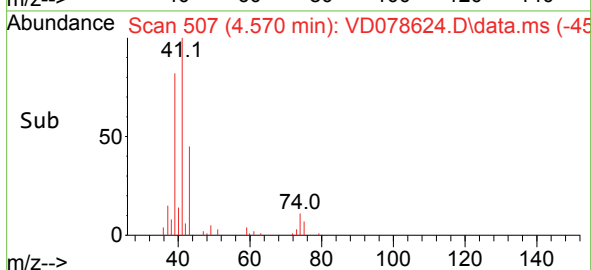
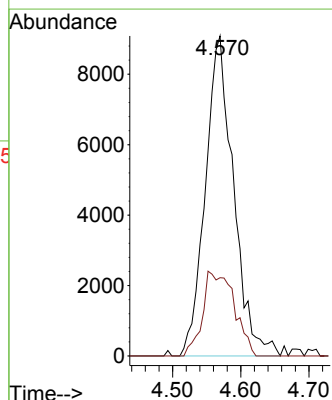
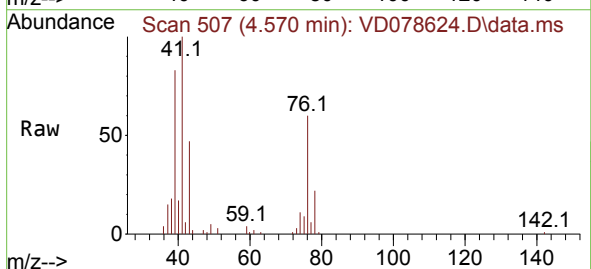
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

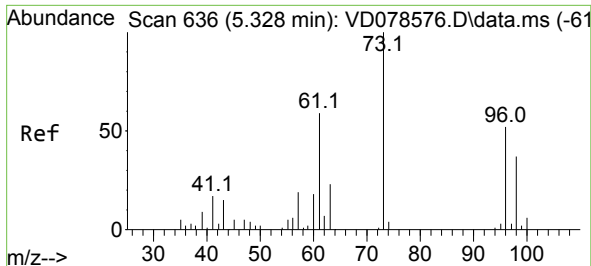
Tgt Ion: 76 Resp: 189524
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 52.966 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 43 Resp: 26170
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6

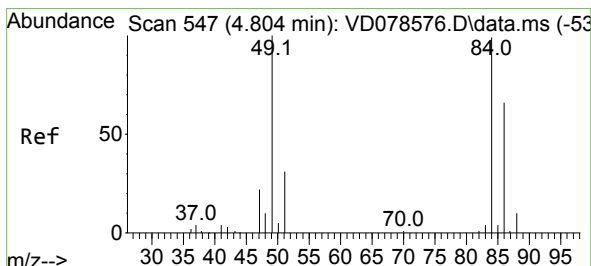
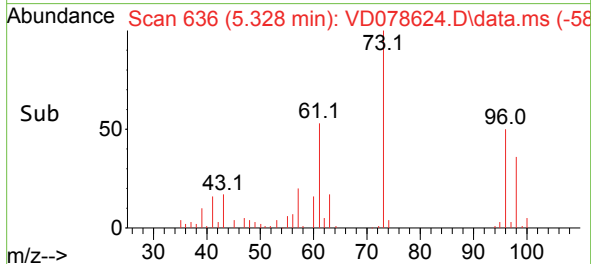
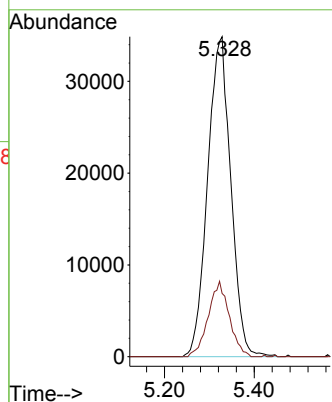
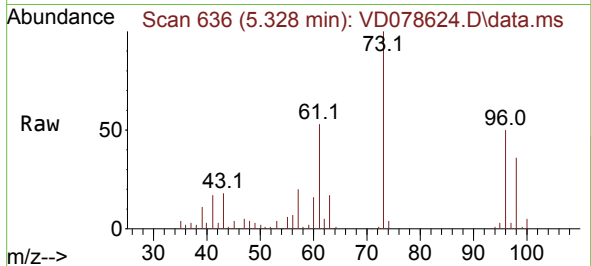




#19
Methyl tert-butyl Ether
Concen: 45.866 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

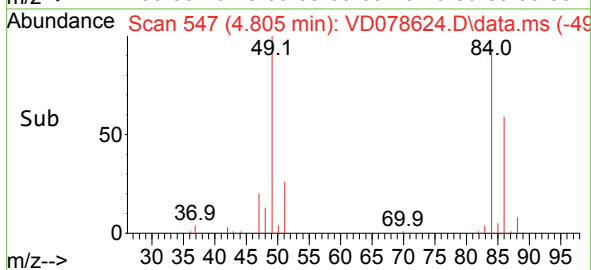
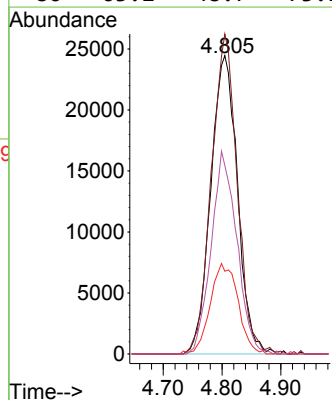
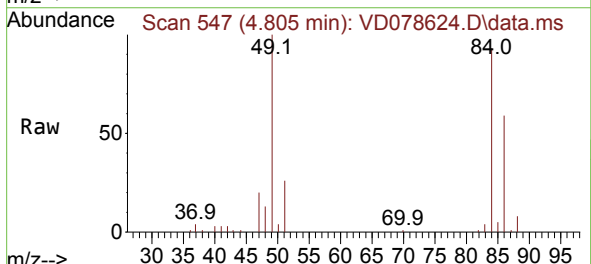
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

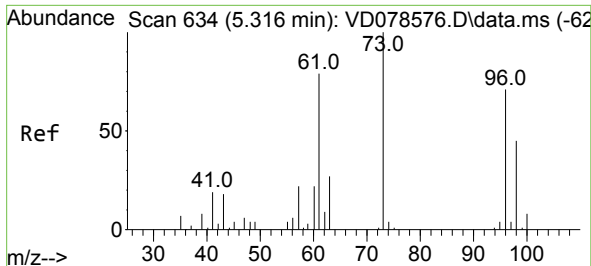
Tgt Ion: 73 Resp: 125352
Ion Ratio Lower Upper
73 100
57 19.7 16.6 25.0



#20
Methylene Chloride
Concen: 41.348 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 84 Resp: 77180
Ion Ratio Lower Upper
84 100
49 107.3 71.4 107.2#
51 27.7 24.5 36.7
86 63.2 48.7 73.1

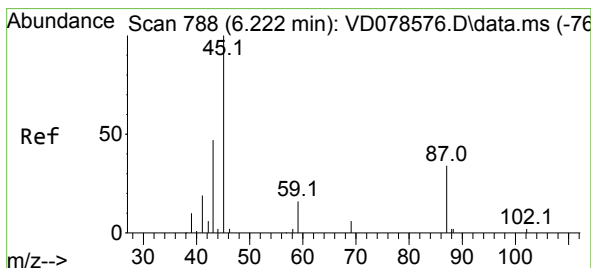
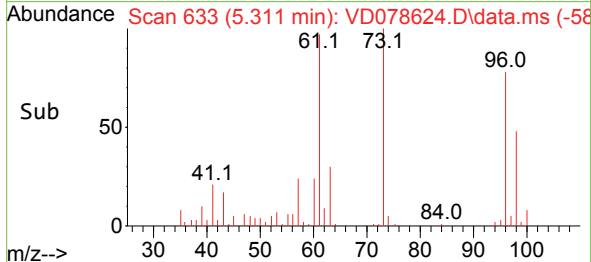
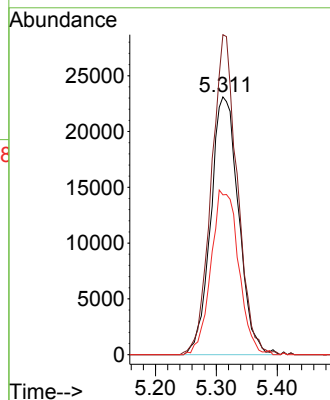
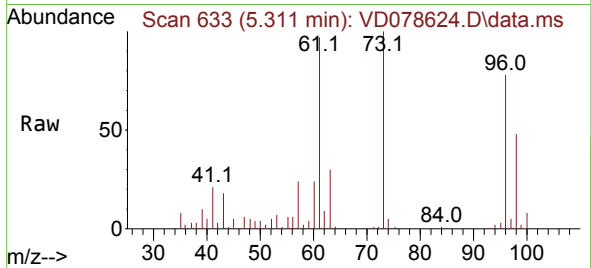




#21
trans-1,2-Dichloroethene
Concen: 45.407 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

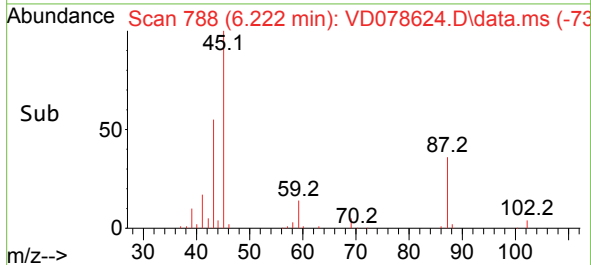
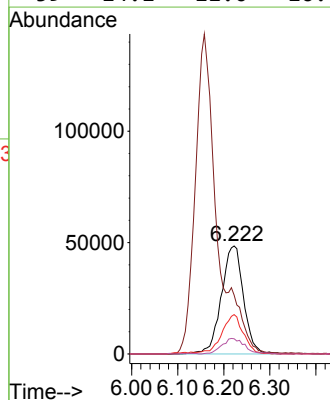
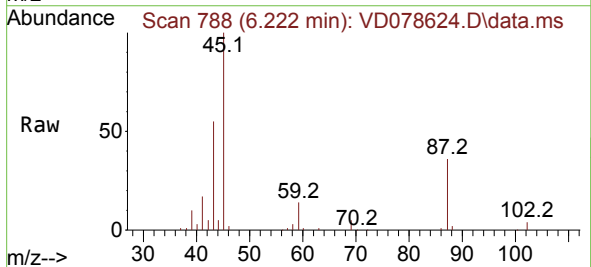
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

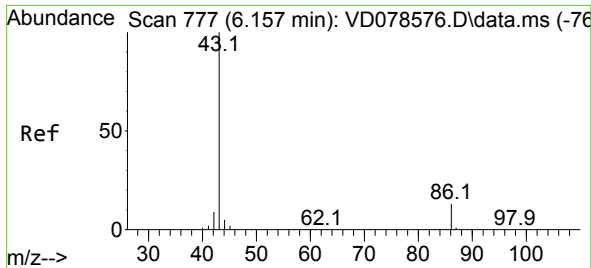
Tgt Ion: 96 Resp: 73335
Ion Ratio Lower Upper
96 100
61 124.1 89.3 133.9
98 62.0 48.6 73.0



#22
Diisopropyl ether
Concen: 47.051 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 45 Resp: 161502
Ion Ratio Lower Upper
45 100
43 53.7 40.0 60.0
87 36.5 28.2 42.4
59 14.1 11.0 16.4





#23

Vinyl Acetate

Concen: 232.742 ug/l

RT: 6.158 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

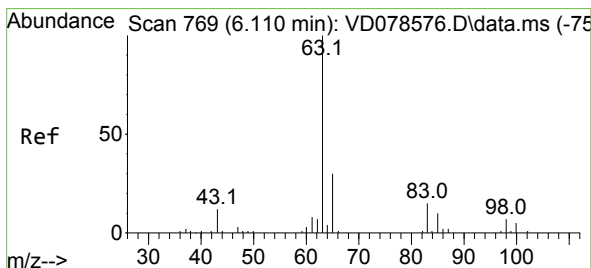
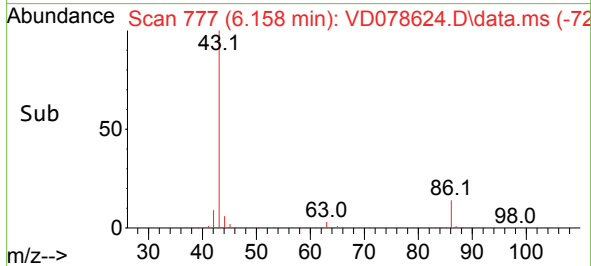
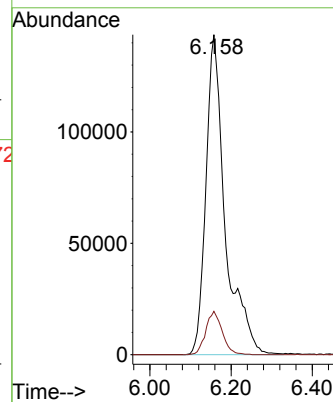
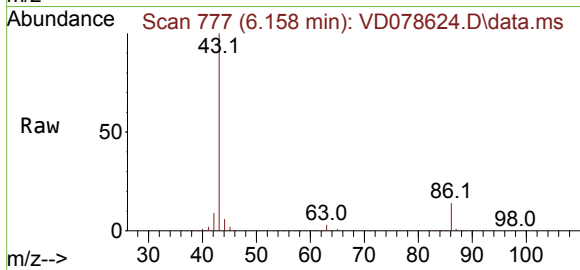
VSTDCCC050

Tgt Ion: 43 Resp: 474475

Ion Ratio Lower Upper

43 100

86 13.5 12.5 18.7



#24

1,1-Dichloroethane

Concen: 45.358 ug/l

RT: 6.111 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

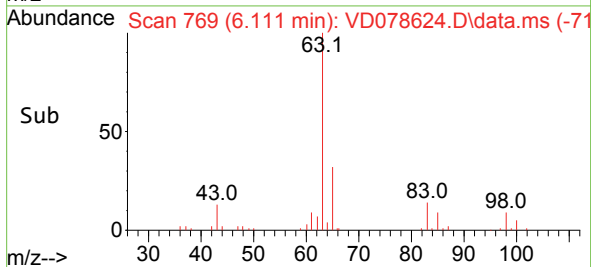
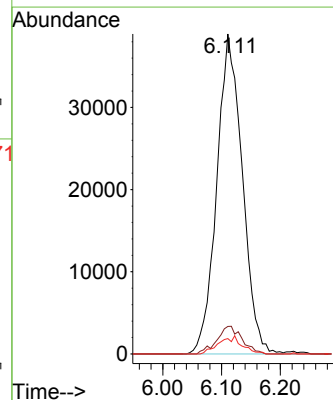
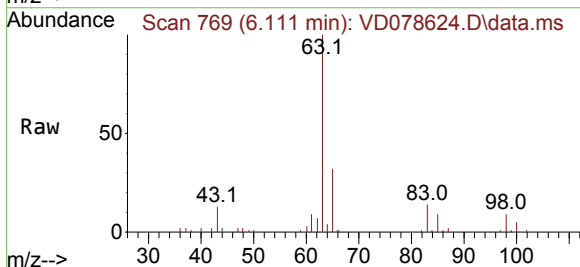
Tgt Ion: 63 Resp: 117623

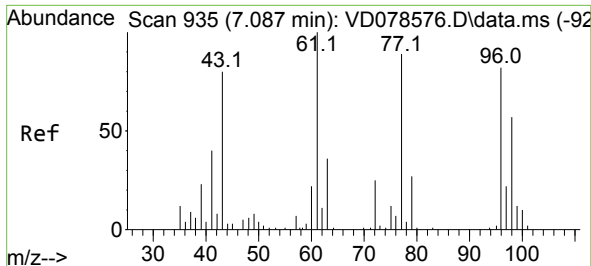
Ion Ratio Lower Upper

63 100

98 8.6 4.5 13.7

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 264.766 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

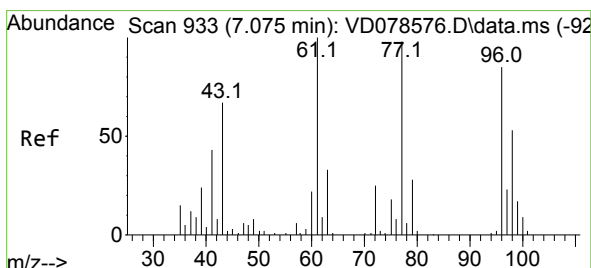
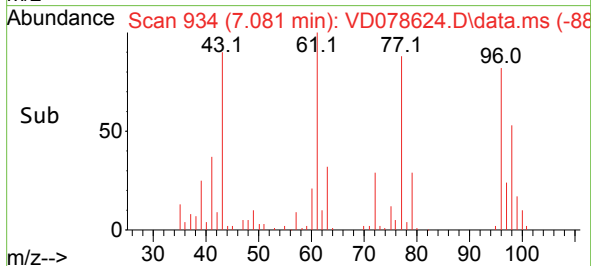
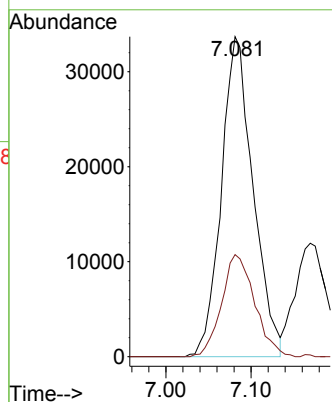
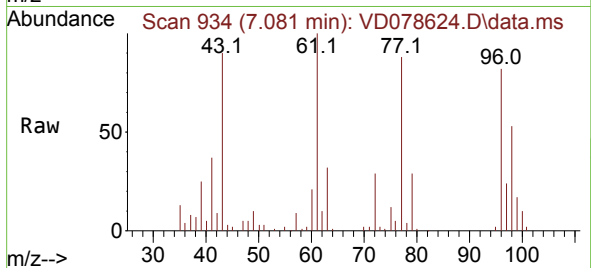
VSTDCCC050

Tgt Ion: 43 Resp: 87181

Ion Ratio Lower Upper

43 100

72 31.9 30.7 46.1



#26

2,2-Dichloropropane

Concen: 46.054 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD078624.D

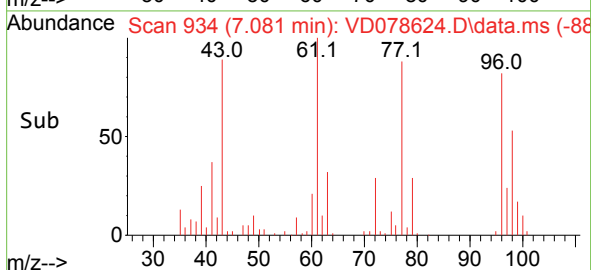
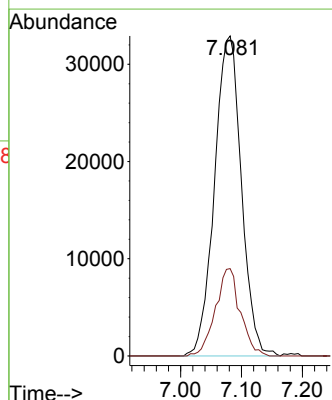
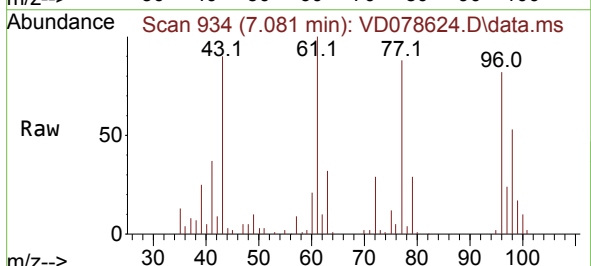
Acq: 11 Mar 2024 09:59

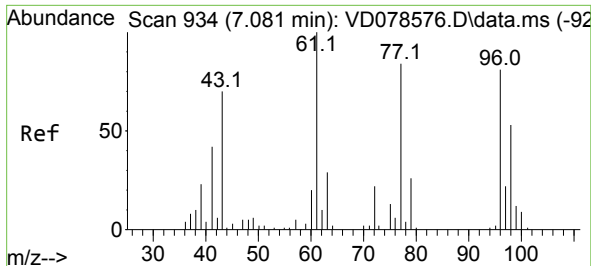
Tgt Ion: 77 Resp: 100892

Ion Ratio Lower Upper

77 100

97 25.2 13.2 39.6

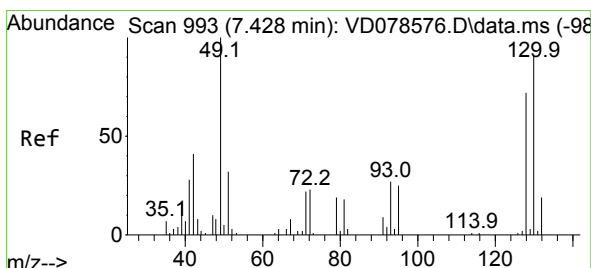
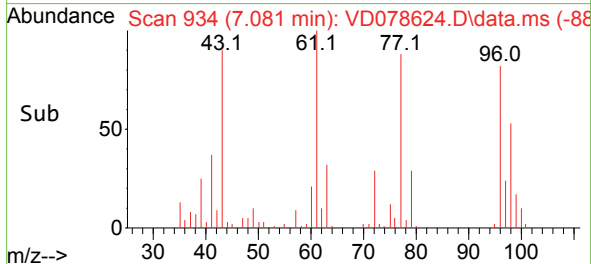
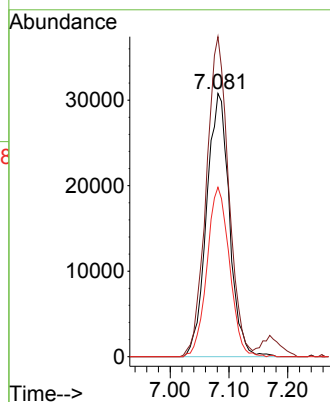
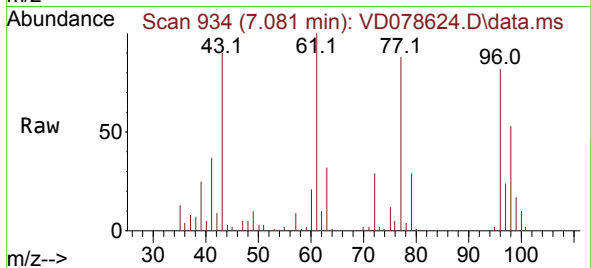




#27
cis-1,2-Dichloroethene
Concen: 46.926 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

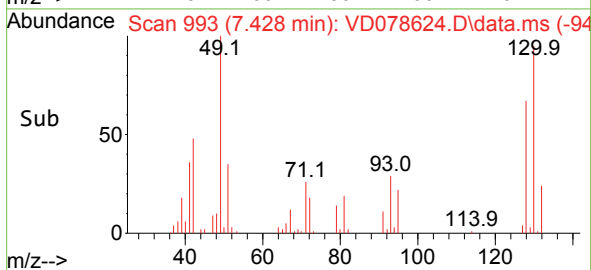
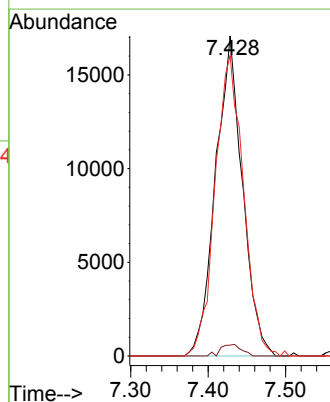
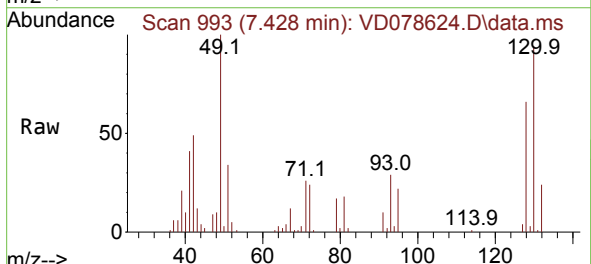
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

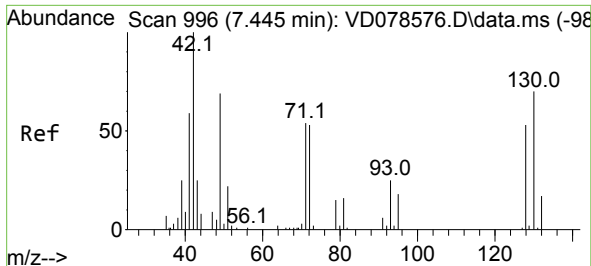
Tgt Ion: 96 Resp: 82986
Ion Ratio Lower Upper
96 100
61 119.4 0.0 239.2
98 63.5 0.0 128.6



#28
Bromochloromethane
Concen: 42.466 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 49 Resp: 41140
Ion Ratio Lower Upper
49 100
129 2.8 0.0 6.0
130 98.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 229.235 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

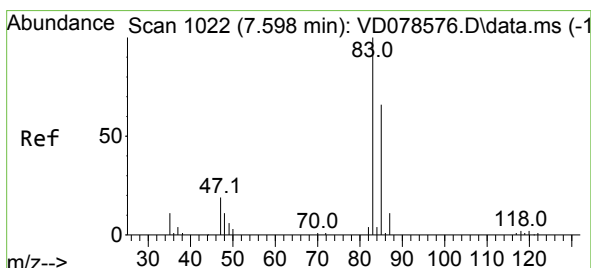
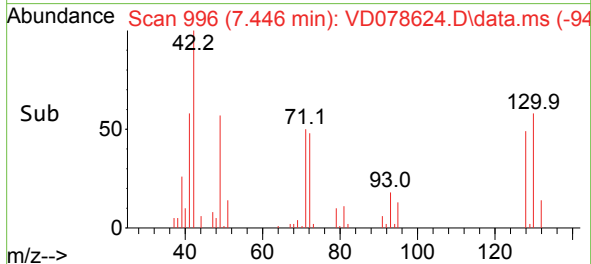
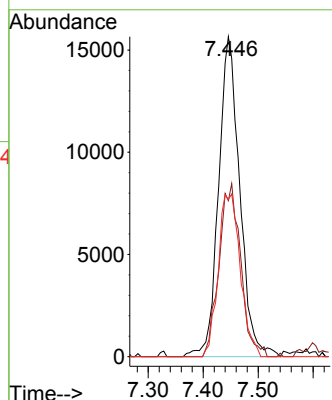
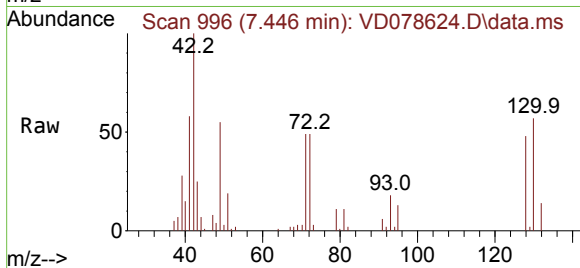
Tgt Ion: 42 Resp: 41935

Ion Ratio Lower Upper

42 100

72 55.0 46.5 69.7

71 52.9 44.5 66.7



#30

Chloroform

Concen: 46.901 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078624.D

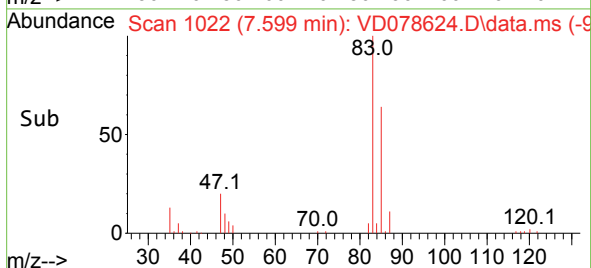
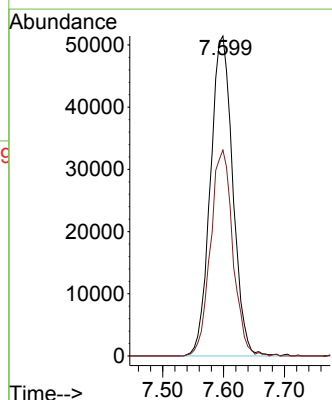
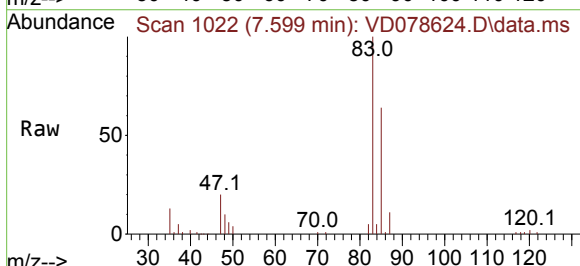
Acq: 11 Mar 2024 09:59

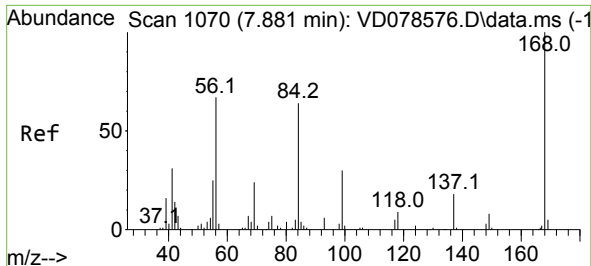
Tgt Ion: 83 Resp: 131322

Ion Ratio Lower Upper

83 100

85 64.4 53.4 80.2

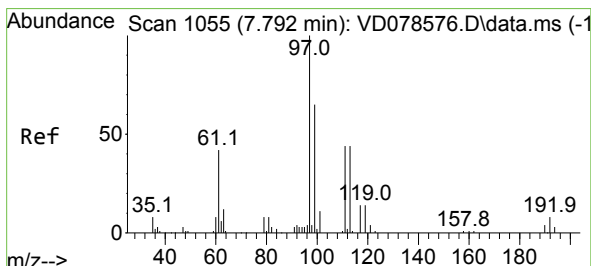
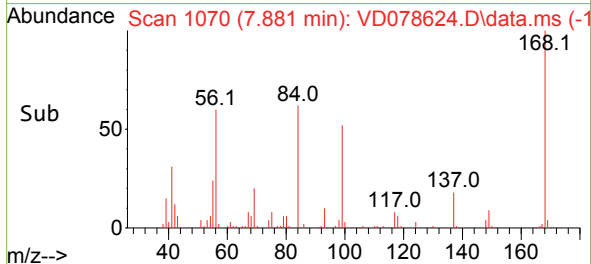
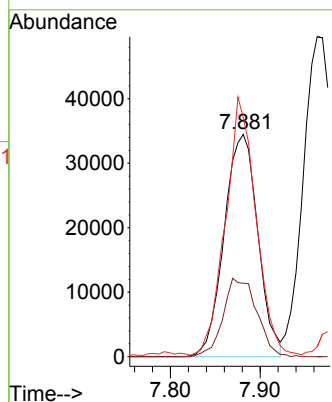
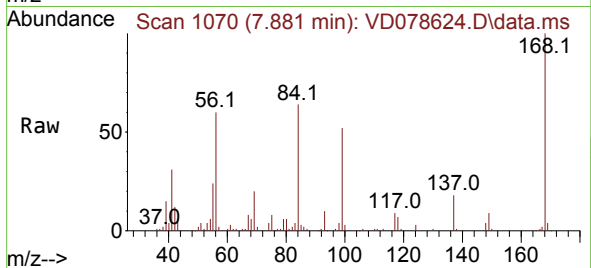




#31
Cyclohexane
Concen: 42.155 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

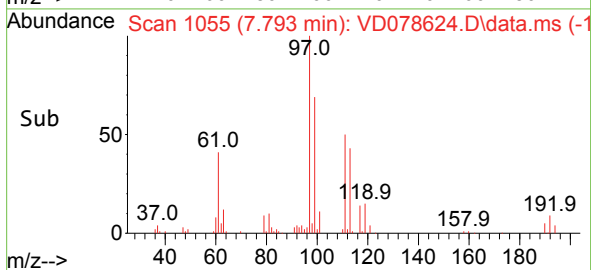
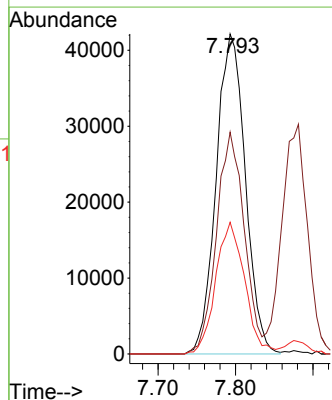
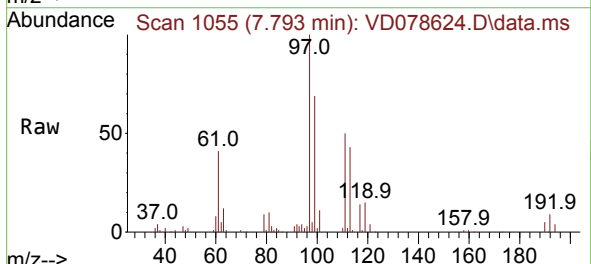
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

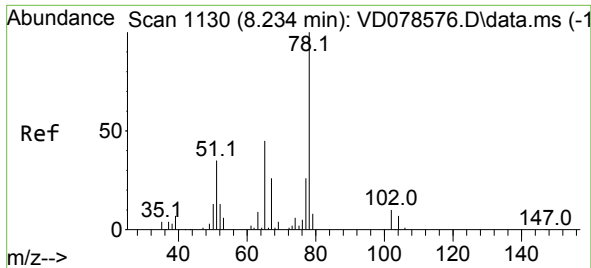
Tgt Ion: 56 Resp: 89899
Ion Ratio Lower Upper
56 100
69 33.0 28.6 43.0
84 106.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 45.958 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 97 Resp: 110390
Ion Ratio Lower Upper
97 100
99 66.0 52.0 78.0
61 40.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 42.647 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

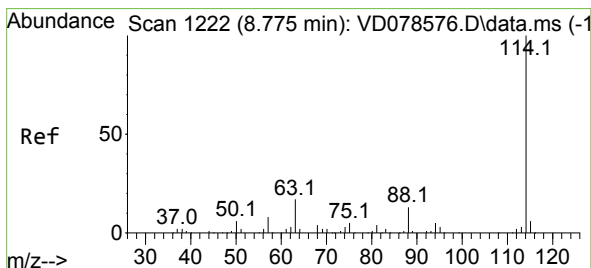
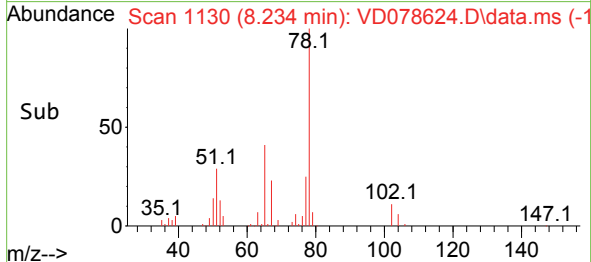
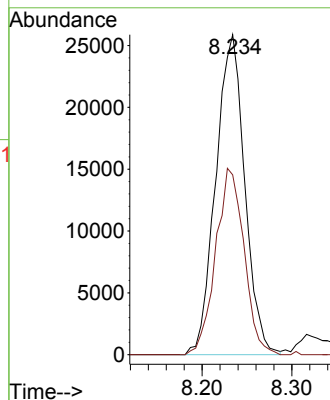
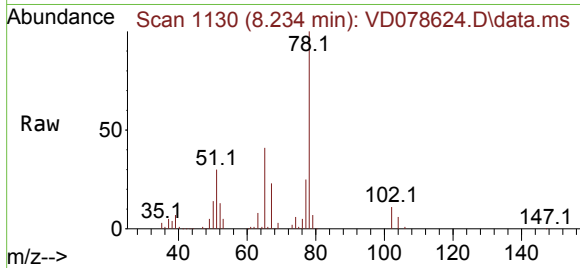
VSTDCCC050

Tgt Ion: 65 Resp: 58107

Ion Ratio Lower Upper

65 100

67 57.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

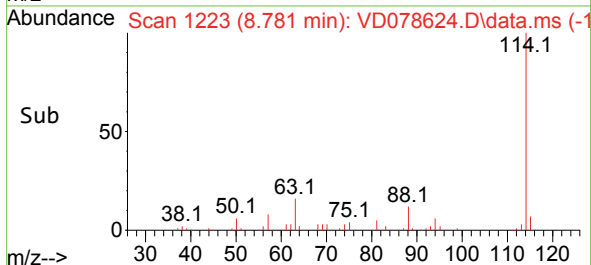
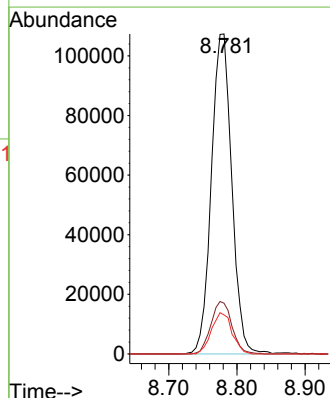
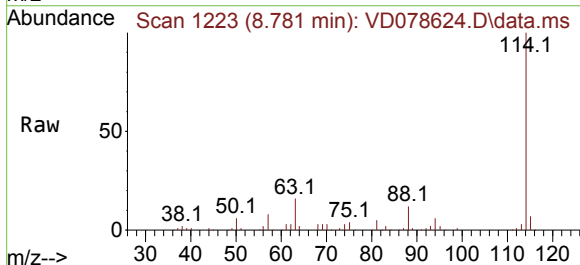
Tgt Ion: 114 Resp: 223795

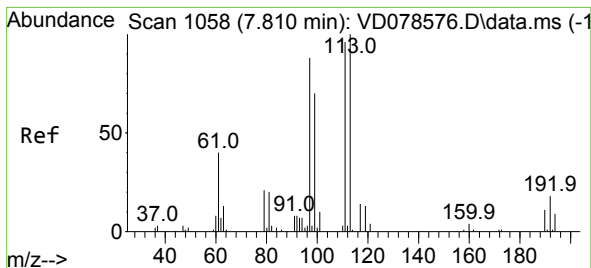
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 12.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.609 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

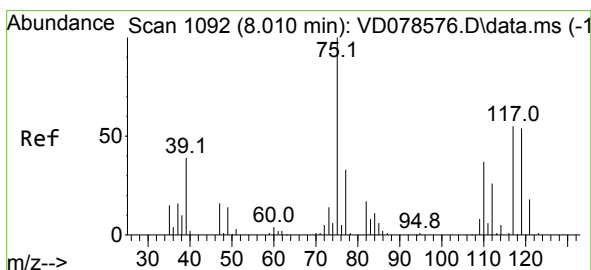
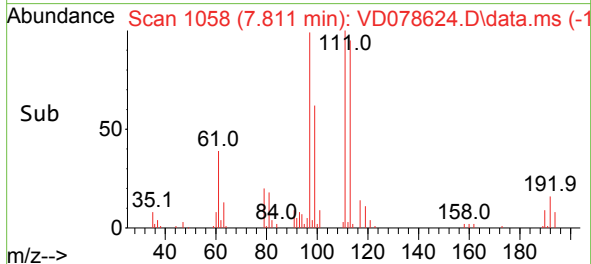
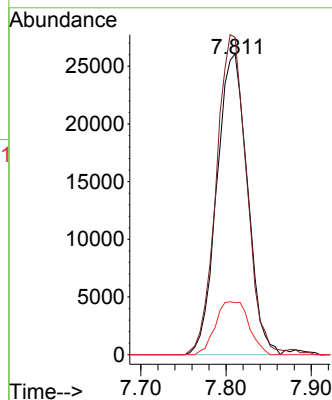
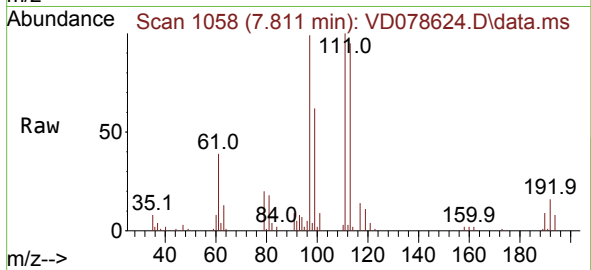
Tgt Ion:113 Resp: 64941

Ion Ratio Lower Upper

113 100

111 105.1 84.7 127.1

192 19.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 46.983 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

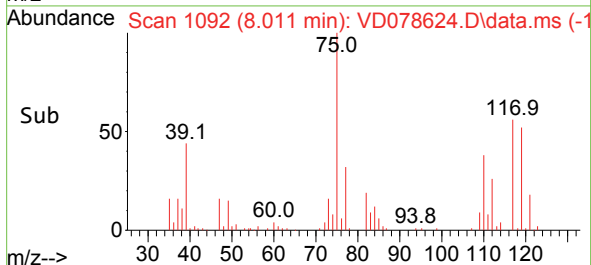
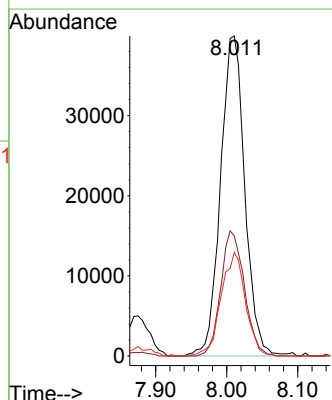
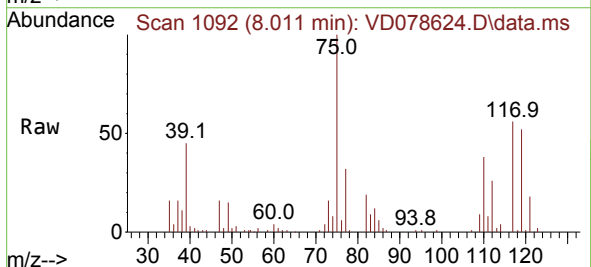
Tgt Ion: 75 Resp: 94647

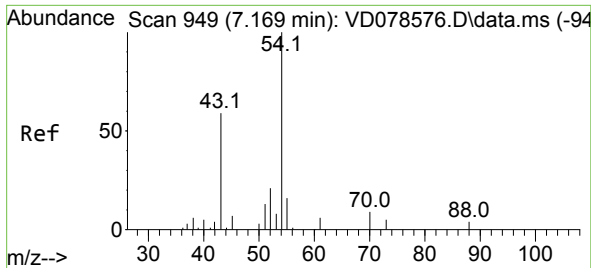
Ion Ratio Lower Upper

75 100

110 38.1 19.9 59.6

77 32.4 24.7 37.1

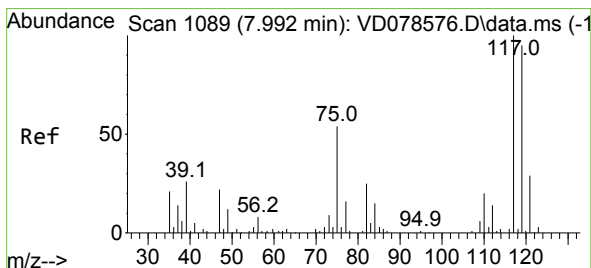
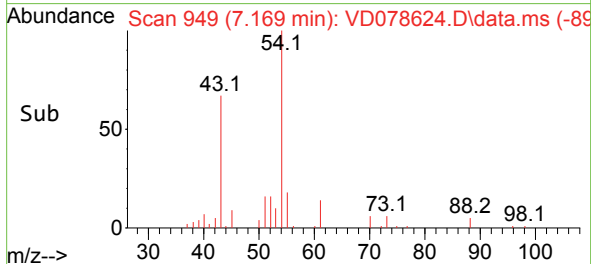
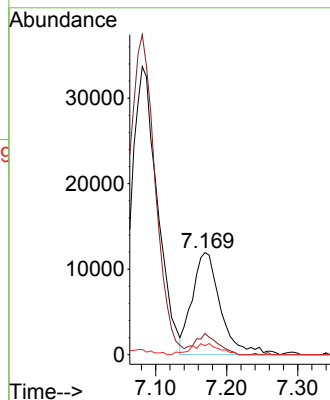
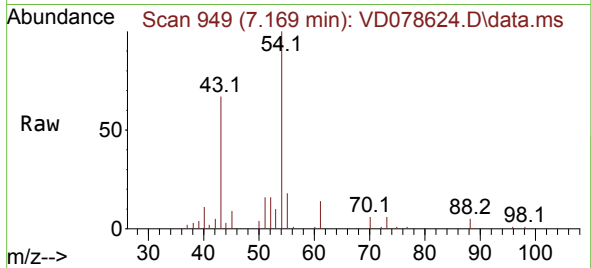




#37
Ethyl Acetate
Concen: 50.767 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

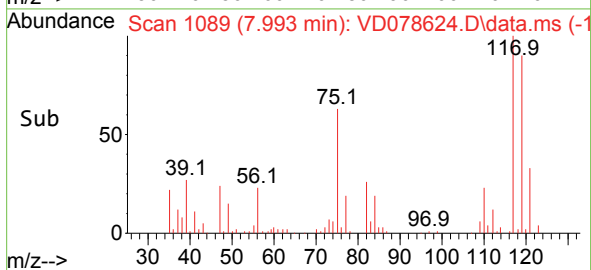
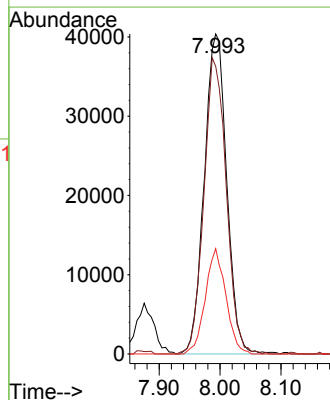
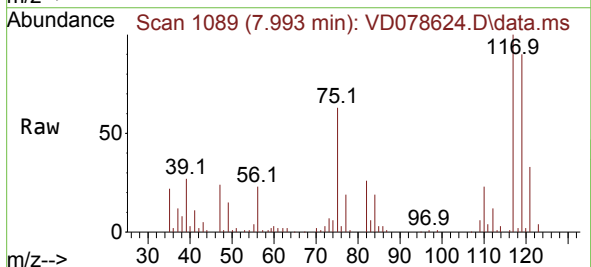
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

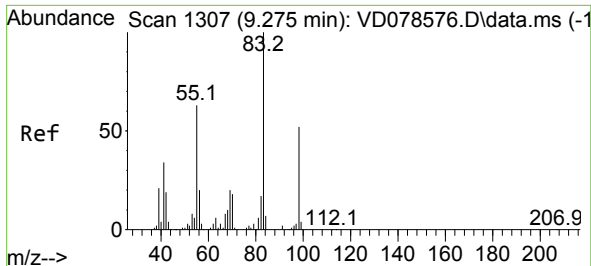
Tgt Ion: 43	Resp: 33137
Ion Ratio	Lower Upper
43	100
61	16.7 14.9 22.3
70	10.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 49.215 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 117	Resp: 103697
Ion Ratio	Lower Upper
117	100
119	89.9 78.0 117.0
121	32.9 24.2 36.2





#39

Methylcyclohexane

Concen: 45.827 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

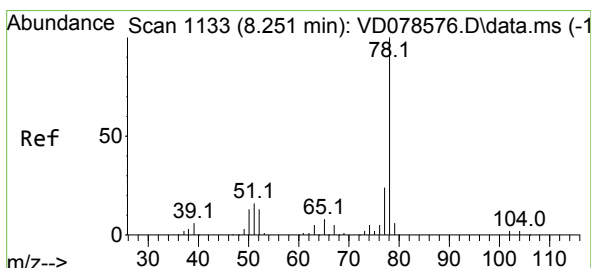
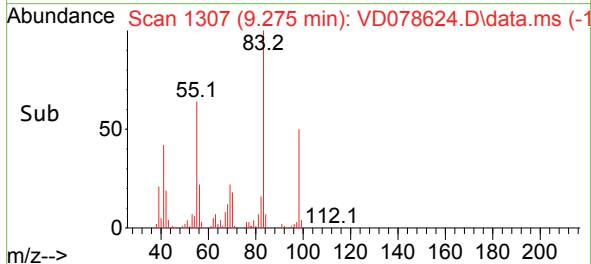
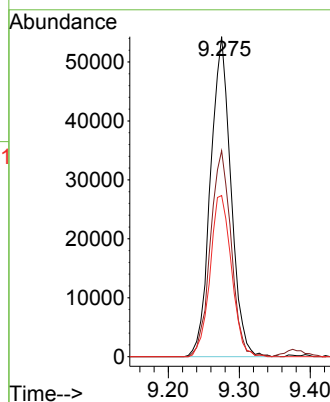
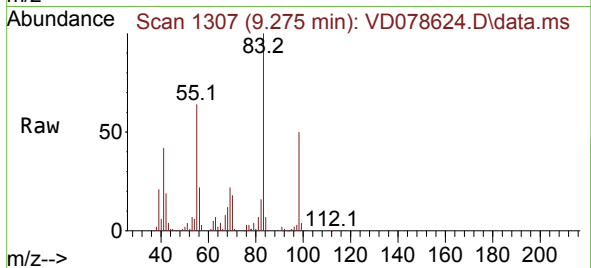
Tgt Ion: 83 Resp: 108353

Ion Ratio Lower Upper

83 100

55 64.4 49.4 74.0

98 50.3 38.4 57.6



#40

Benzene

Concen: 48.370 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078624.D

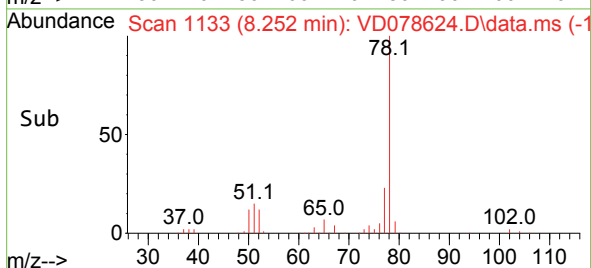
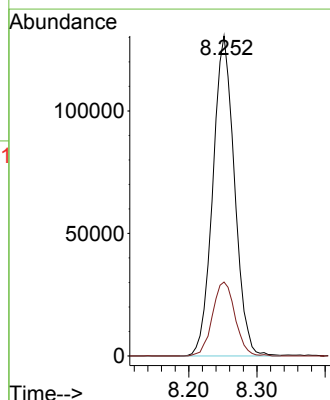
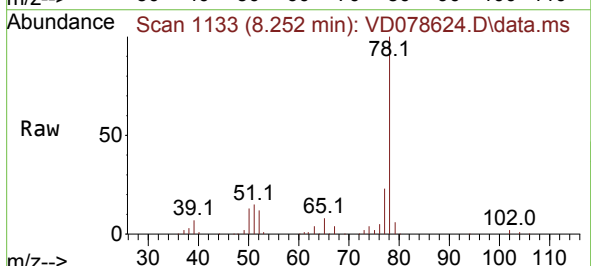
Acq: 11 Mar 2024 09:59

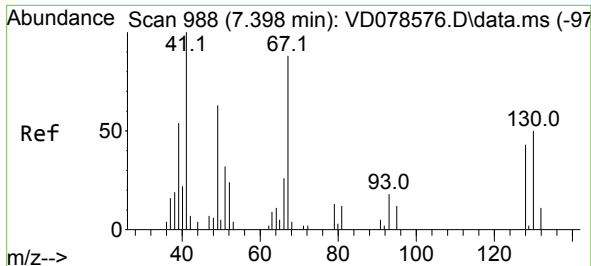
Tgt Ion: 78 Resp: 288817

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

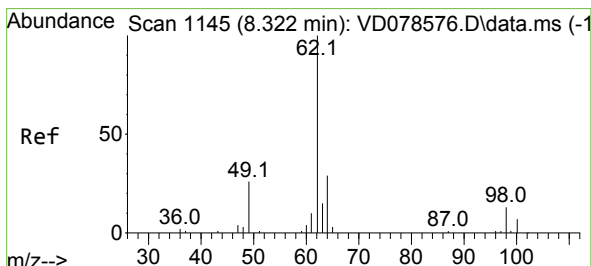
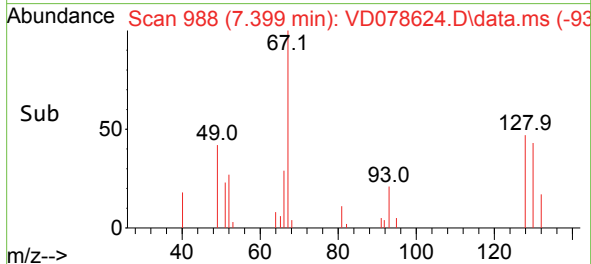
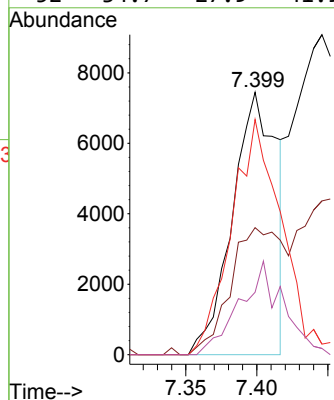
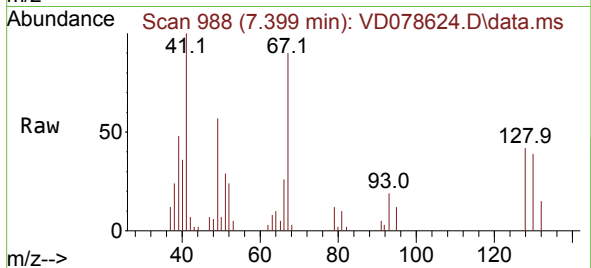




#41
Methacrylonitrile
Concen: 46.203 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

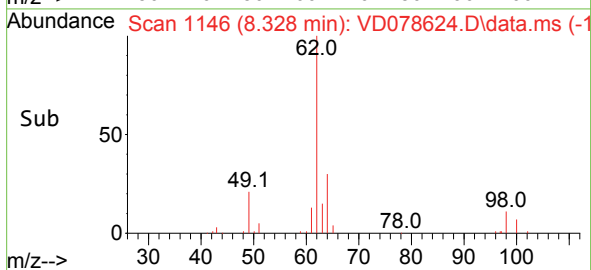
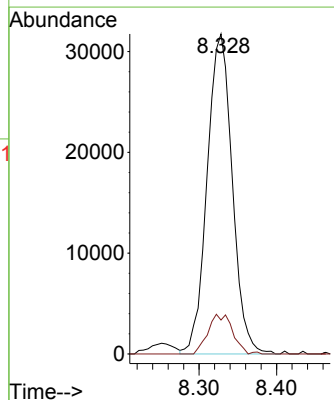
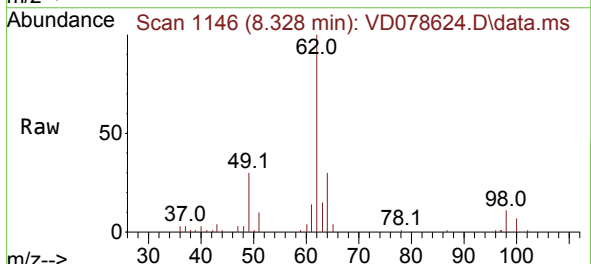
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

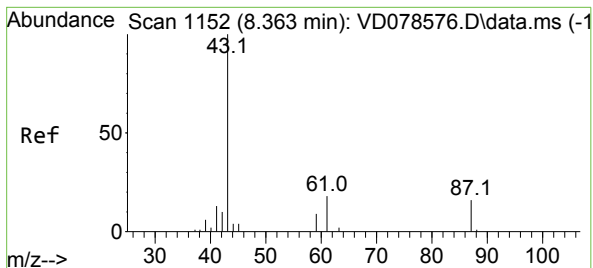
Tgt Ion:	41	Resp:	16164
Ion	Ratio	Lower	Upper
41	100		
39	59.5	34.0	51.0#
67	101.2	77.0	115.4
52	34.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 47.248 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion:	62	Resp:	71571
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	25.4





#43

Isopropyl Acetate

Concen: 44.998 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

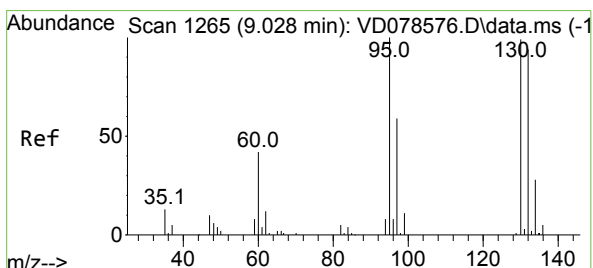
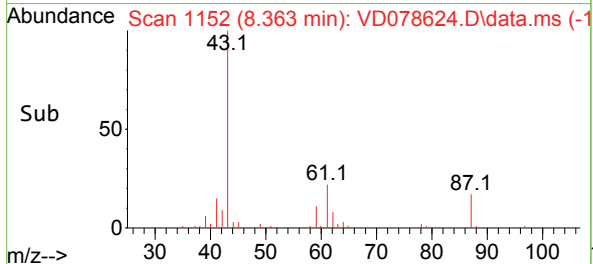
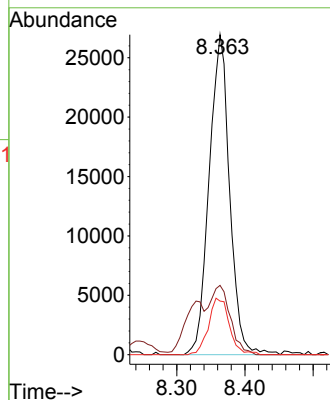
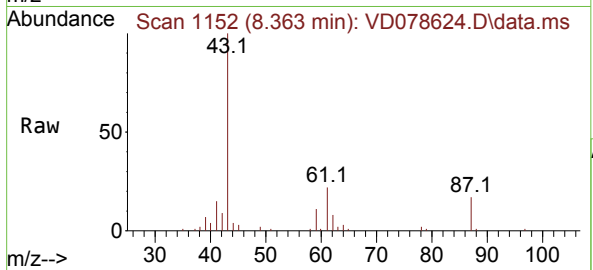
Tgt Ion: 43 Resp: 56310

Ion Ratio Lower Upper

43 100

61 19.5 31.4 47.0#

87 18.1 14.9 22.3



#44

Trichloroethene

Concen: 46.394 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078624.D

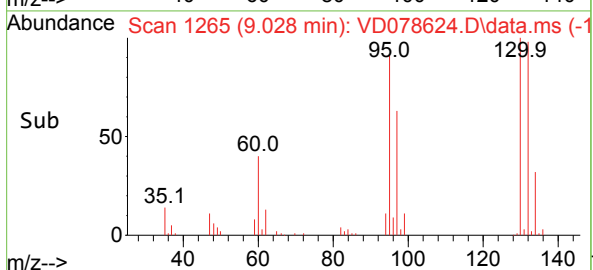
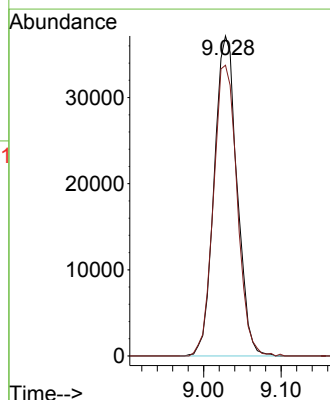
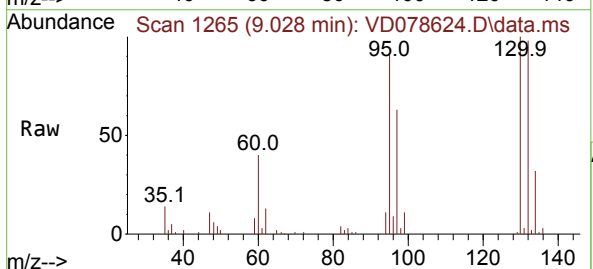
Acq: 11 Mar 2024 09:59

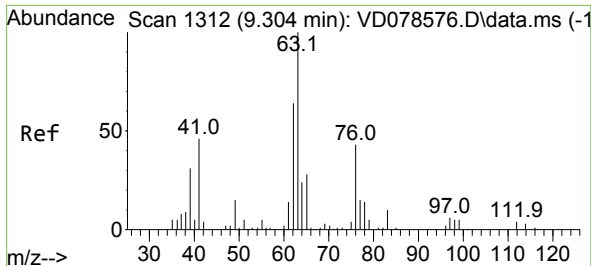
Tgt Ion:130 Resp: 76018

Ion Ratio Lower Upper

130 100

95 90.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.729 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

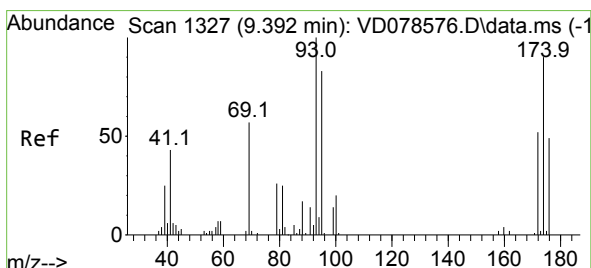
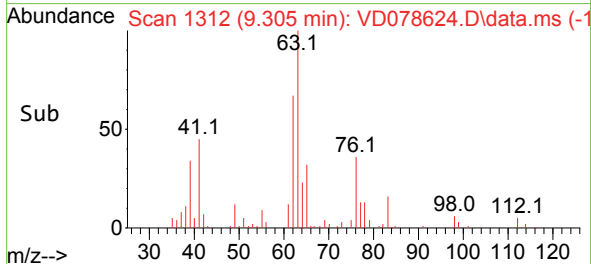
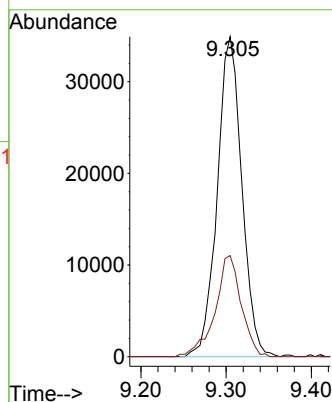
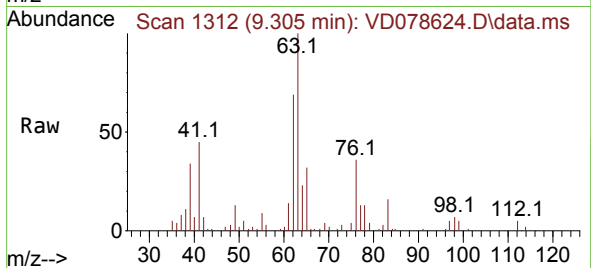
VSTDCCC050

Tgt Ion: 63 Resp: 69895

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 49.245 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

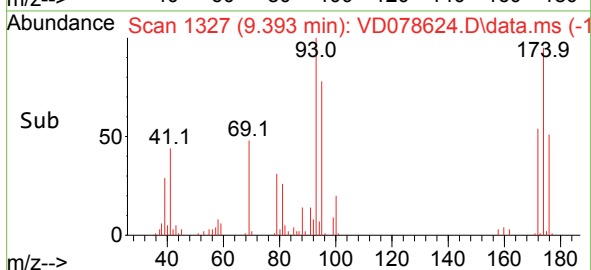
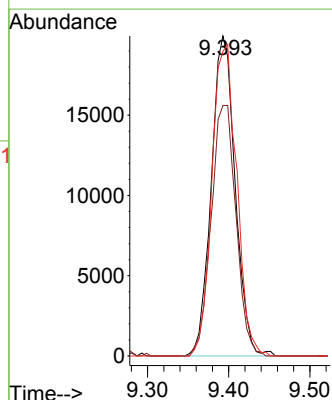
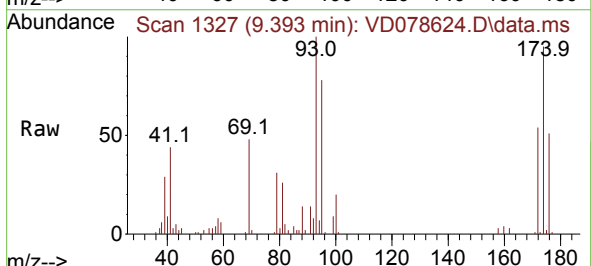
Tgt Ion: 93 Resp: 40720

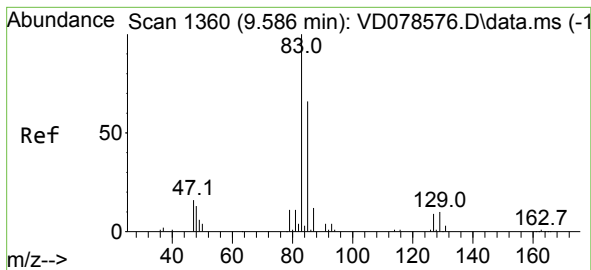
Ion Ratio Lower Upper

93 100

95 81.7 67.7 101.5

174 100.6 85.4 128.2





#47

Bromodichloromethane

Concen: 49.268 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

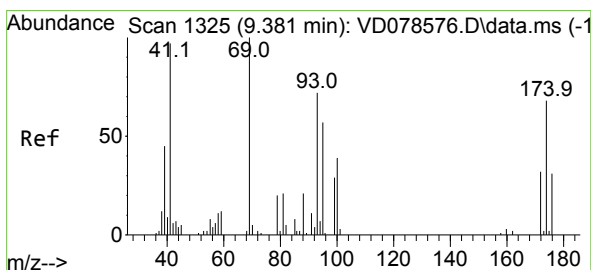
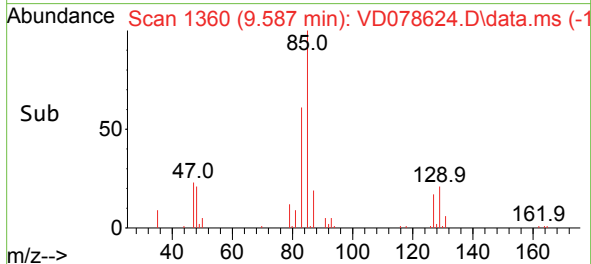
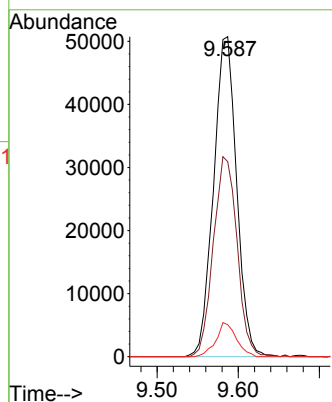
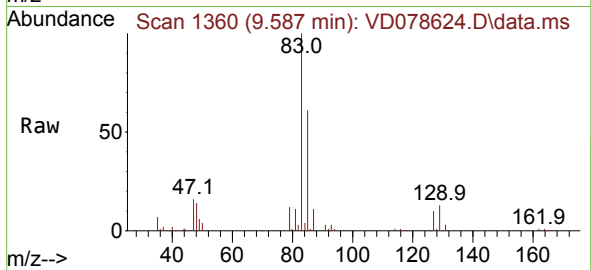
Tgt Ion: 83 Resp: 100451

Ion Ratio Lower Upper

83 100

85 60.9 50.2 75.4

127 10.0 6.3 9.5#



#48

Methyl methacrylate

Concen: 49.574 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

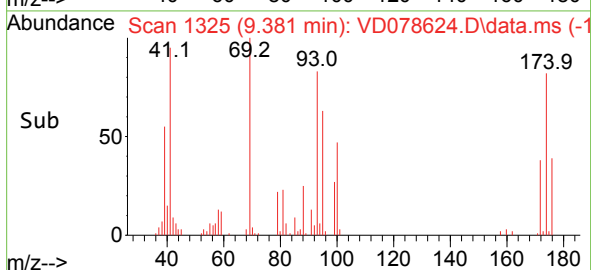
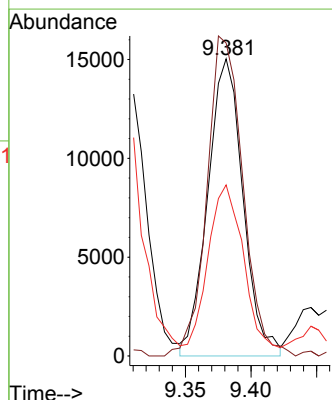
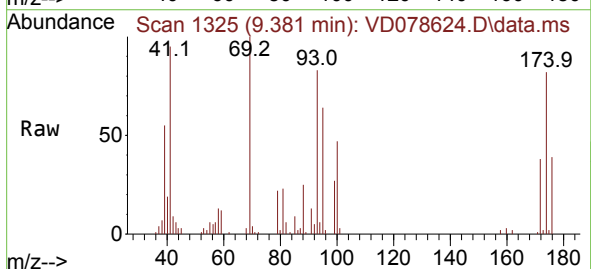
Tgt Ion: 41 Resp: 28102

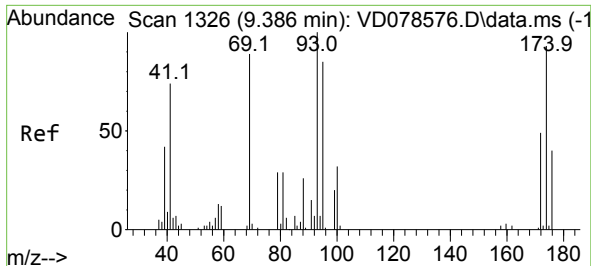
Ion Ratio Lower Upper

41 100

69 109.7 102.2 153.2

39 59.8 41.4 62.2





#49

1,4-Dioxane

Concen: 974.437 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.005 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

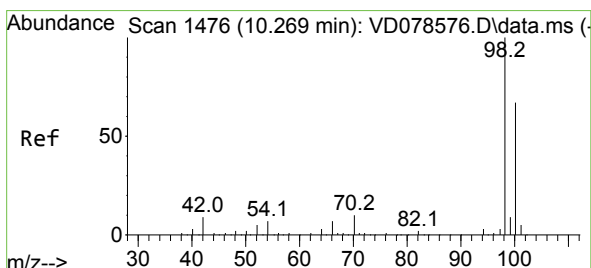
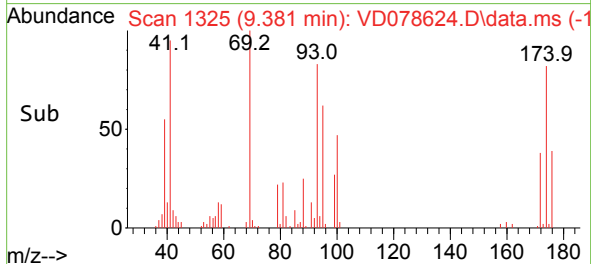
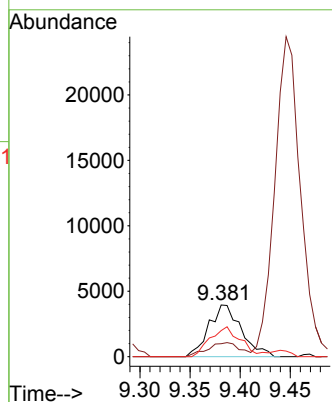
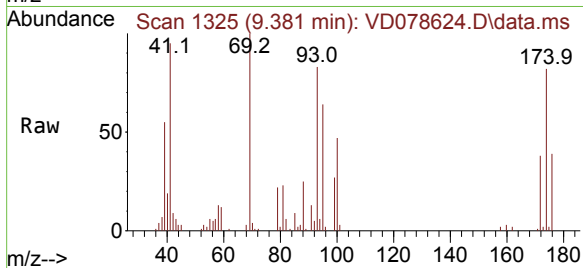
Tgt Ion: 88 Resp: 8867

Ion Ratio Lower Upper

88 100

43 27.6 19.0 28.6

58 55.5 43.5 65.3



#50

Toluene-d8

Concen: 45.244 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078624.D

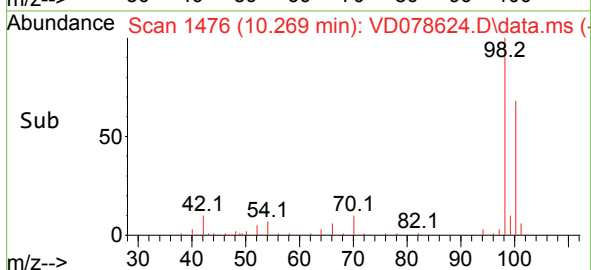
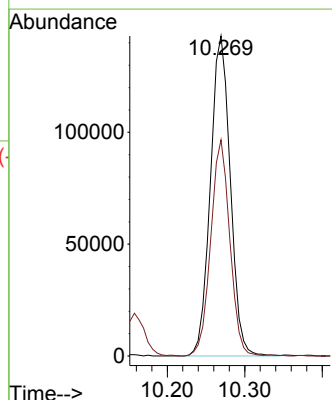
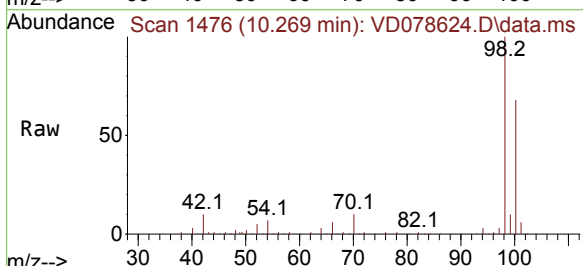
Acq: 11 Mar 2024 09:59

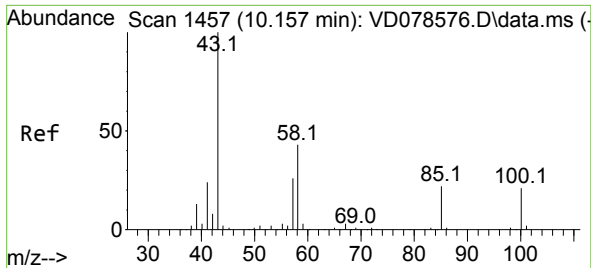
Tgt Ion: 98 Resp: 255939

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

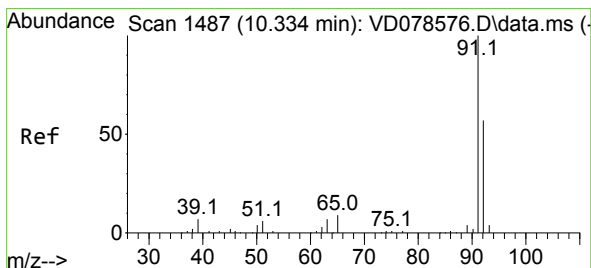
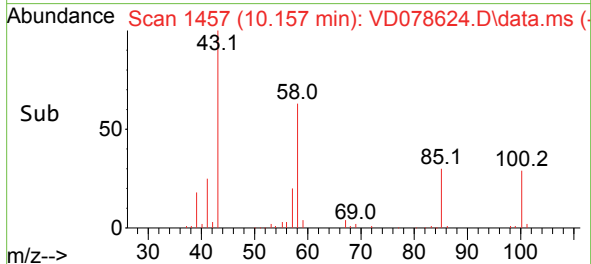
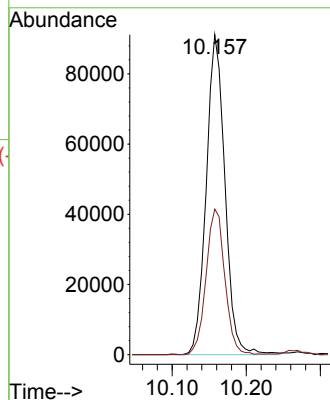
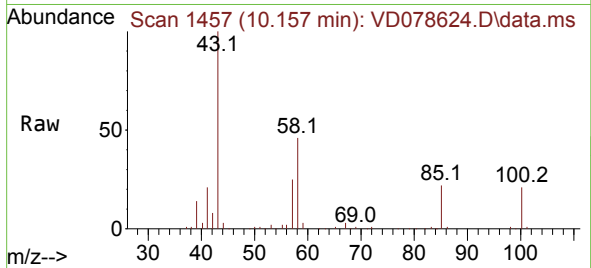




#51
4-Methyl-2-Pentanone
Concen: 247.289 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

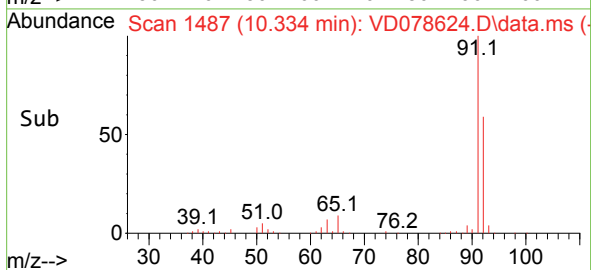
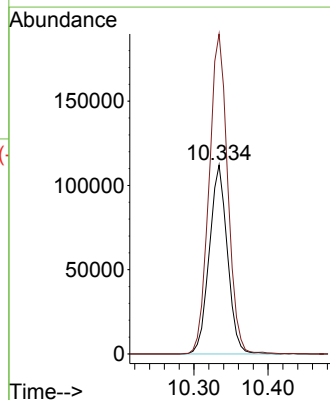
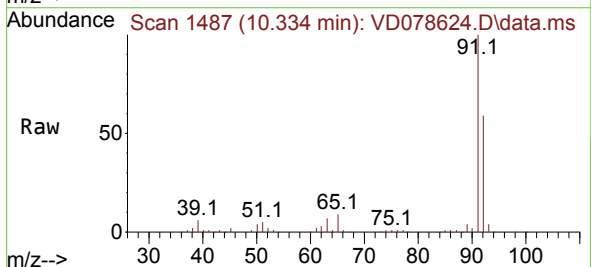
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

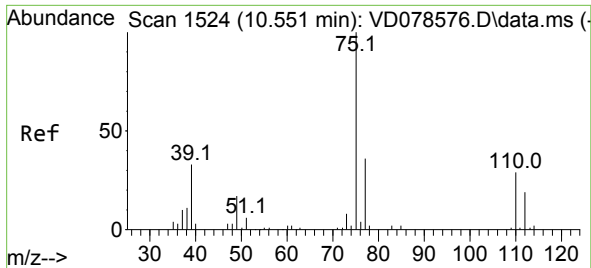
Tgt Ion: 43 Resp: 159725
Ion Ratio Lower Upper
43 100
58 45.7 38.9 58.3



#52
Toluene
Concen: 49.613 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 92 Resp: 190084
Ion Ratio Lower Upper
92 100
91 174.6 143.0 214.4

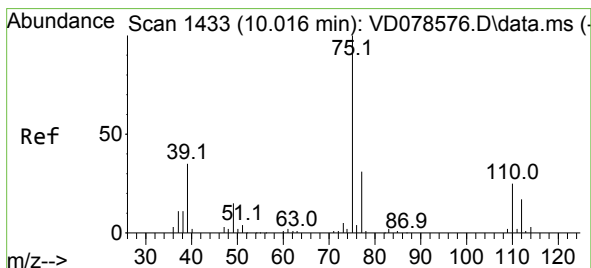
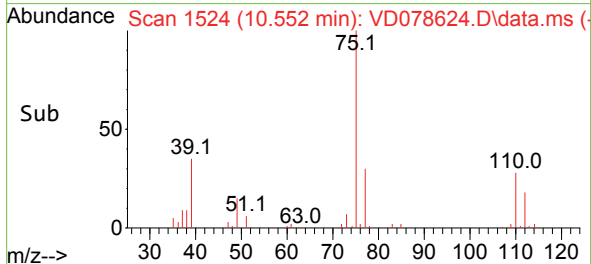
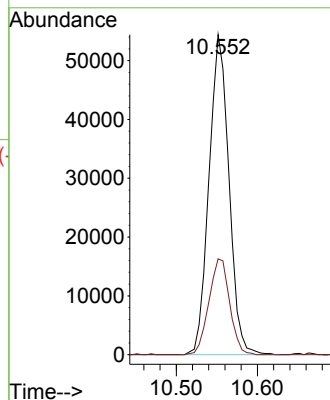
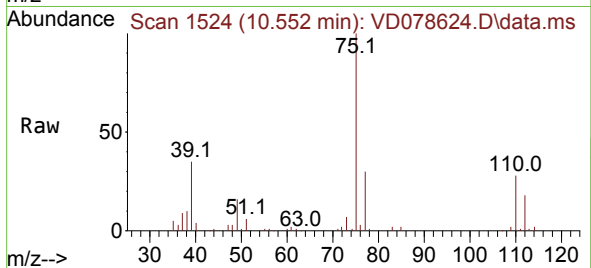




#53
t-1,3-Dichloropropene
Concen: 49.222 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

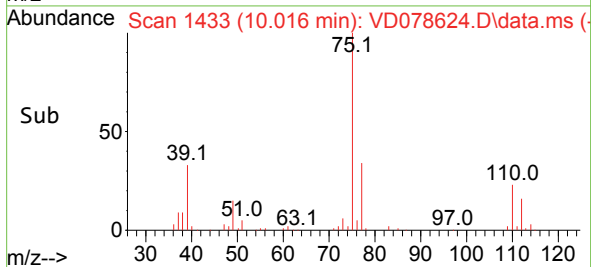
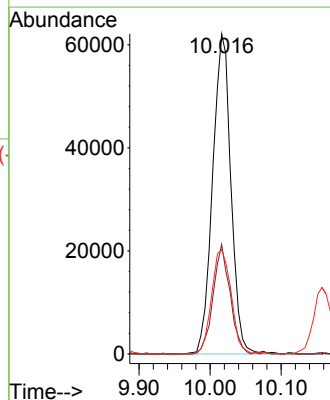
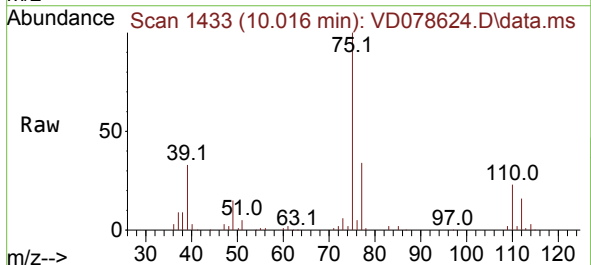
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

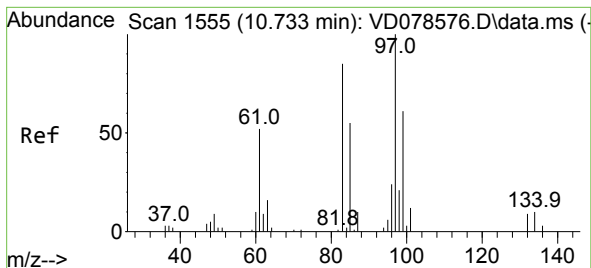
Tgt Ion: 75 Resp: 92842
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 49.161 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 75 Resp: 111024
Ion Ratio Lower Upper
75 100
77 34.2 25.5 38.3
39 32.7 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 48.434 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 56393

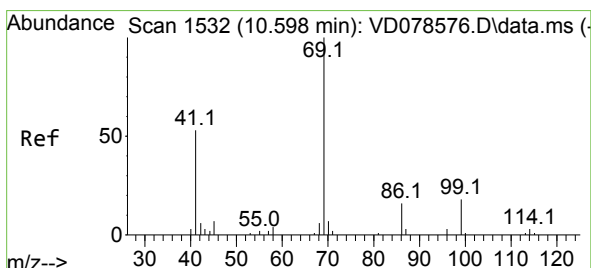
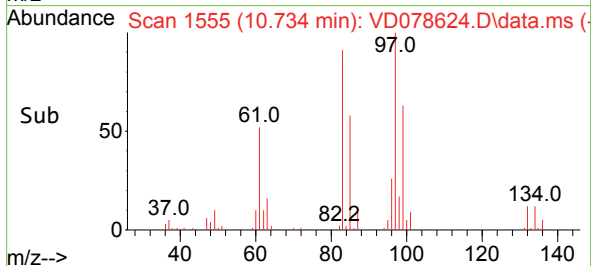
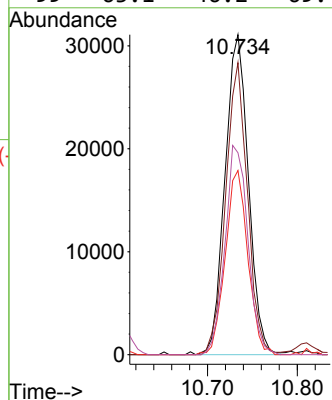
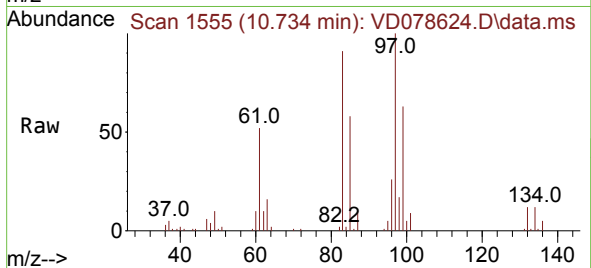
Ion Ratio Lower Upper

97 100

83 91.3 65.8 98.6

85 57.6 45.7 68.5

99 63.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 50.125 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

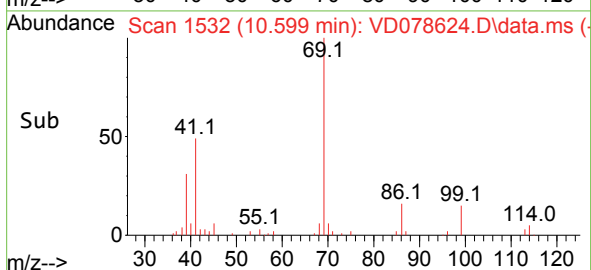
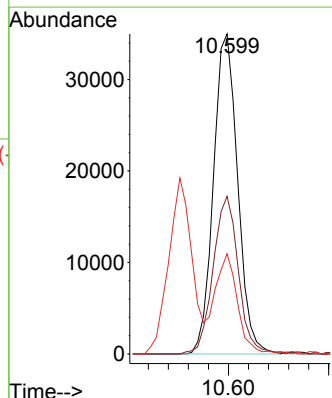
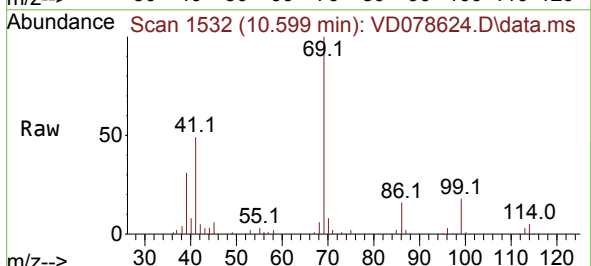
Tgt Ion: 69 Resp: 58496

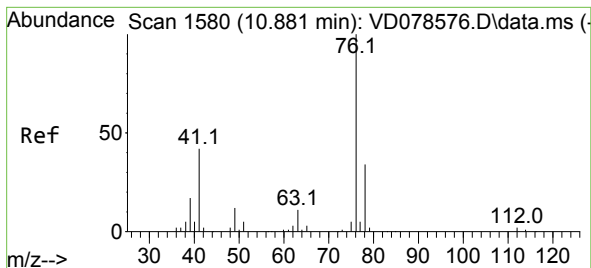
Ion Ratio Lower Upper

69 100

41 51.4 39.1 58.7

39 29.8 20.0 30.0





#57

1,3-Dichloropropane

Concen: 48.858 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.005 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

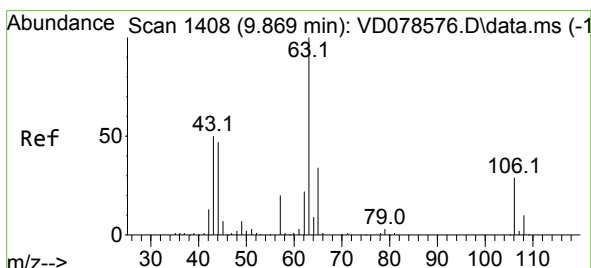
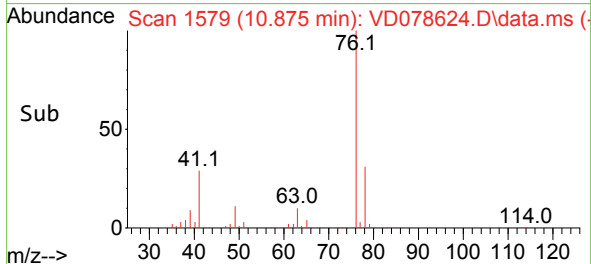
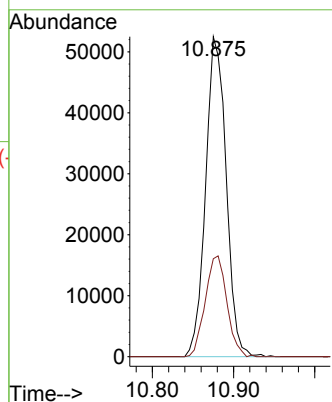
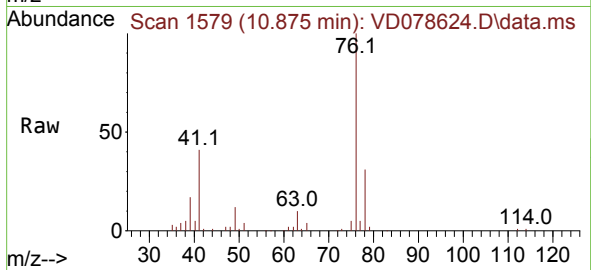
VSTDCCC050

Tgt Ion: 76 Resp: 92185

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 297.342 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078624.D

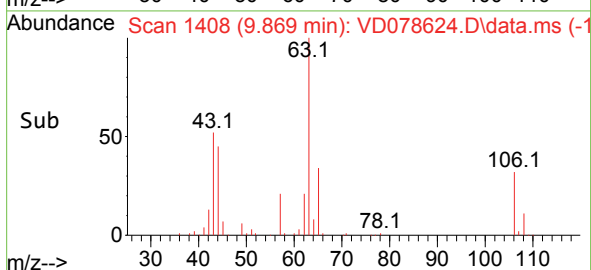
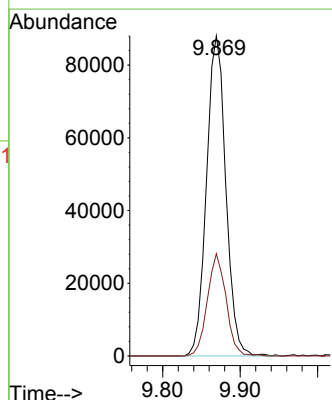
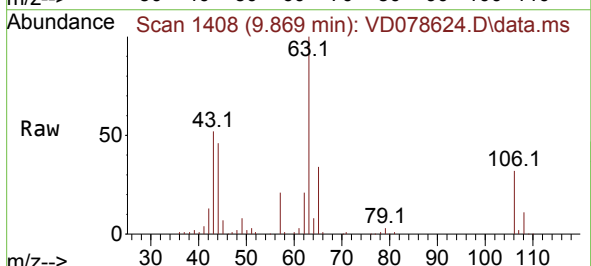
Acq: 11 Mar 2024 09:59

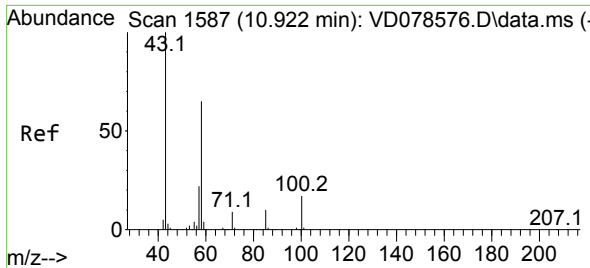
Tgt Ion: 63 Resp: 152381

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

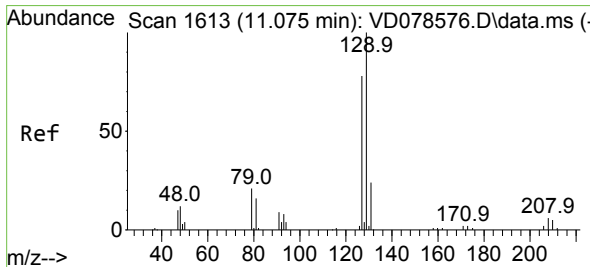
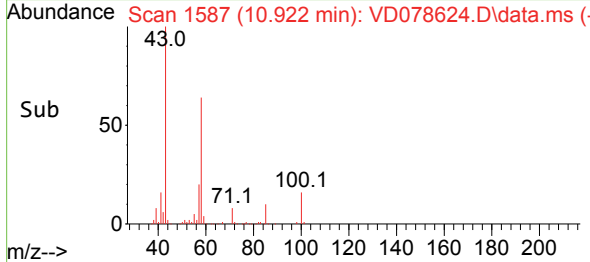
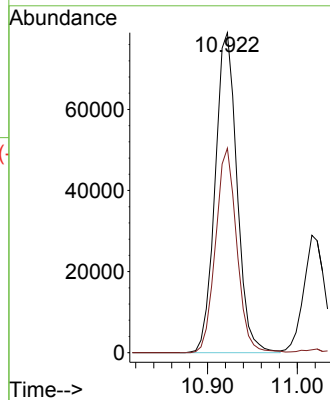
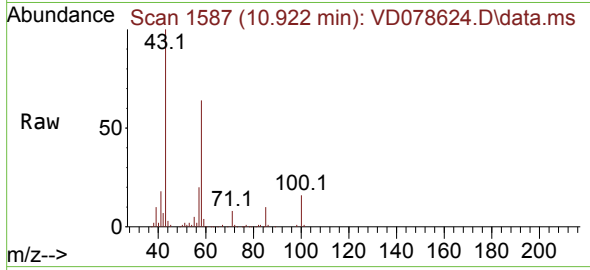




#59
2-Hexanone
Concen: 278.224 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

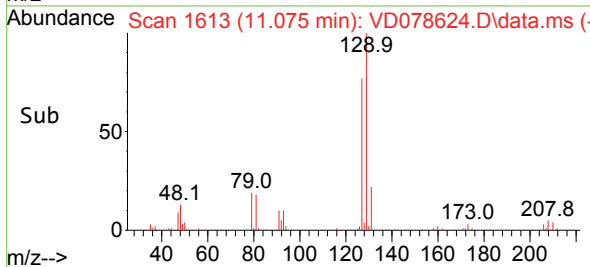
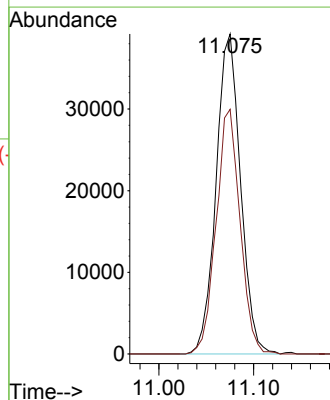
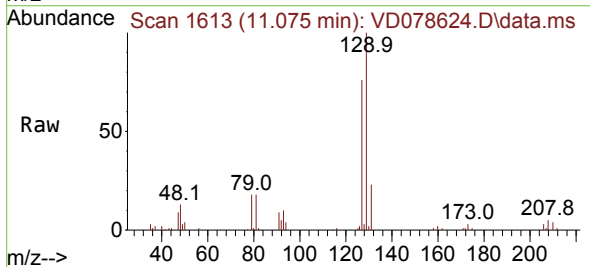
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

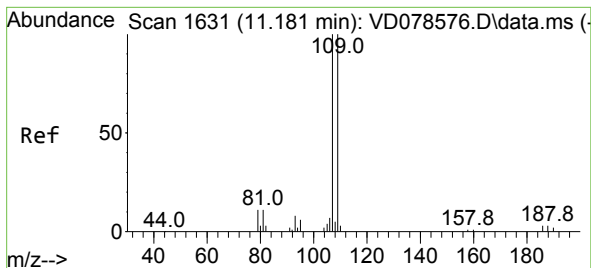
Tgt Ion: 43 Resp: 133291
Ion Ratio Lower Upper
43 100
58 62.0 34.1 102.2



#60
Dibromochloromethane
Concen: 49.992 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 129 Resp: 70284
Ion Ratio Lower Upper
129 100
127 74.9 37.1 111.5

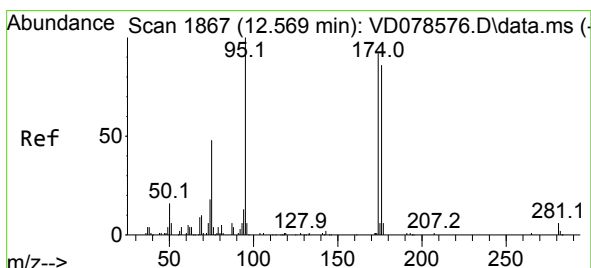
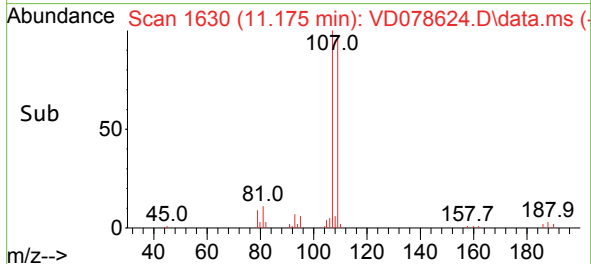
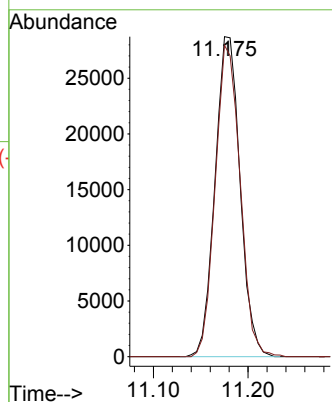
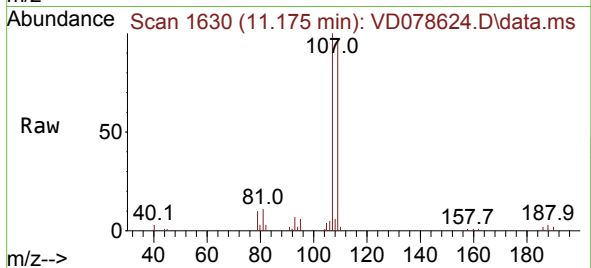




#61
1,2-Dibromoethane
Concen: 49.367 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.005 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

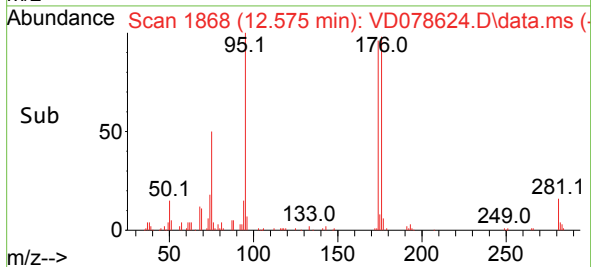
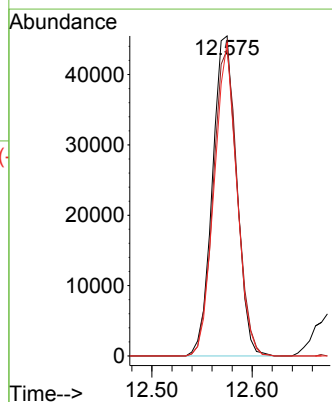
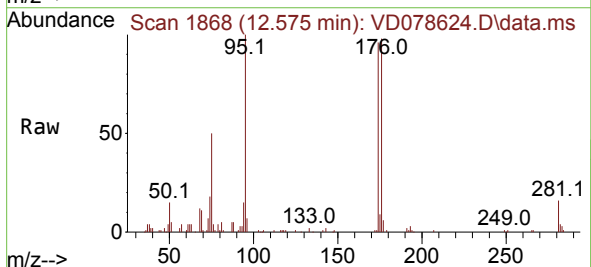
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

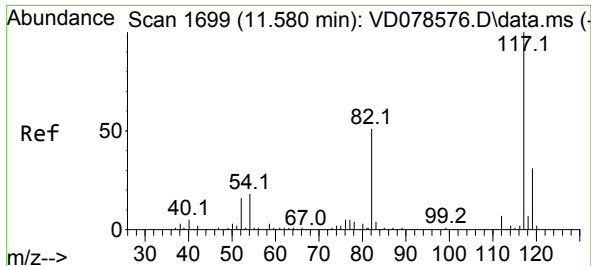
Tgt Ion:107 Resp: 52752
Ion Ratio Lower Upper
107 100
109 96.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.816 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 95 Resp: 75641
Ion Ratio Lower Upper
95 100
174 96.4 0.0 201.8
176 91.9 0.0 191.8

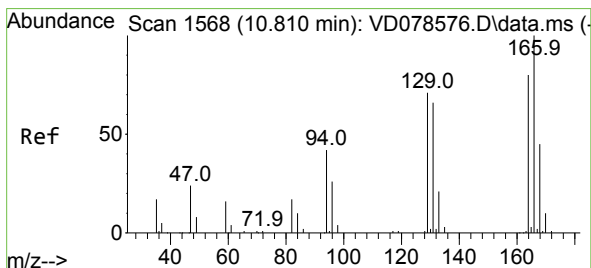
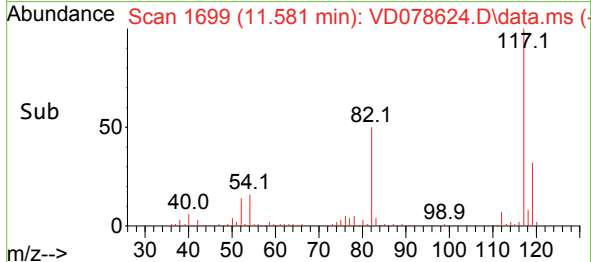
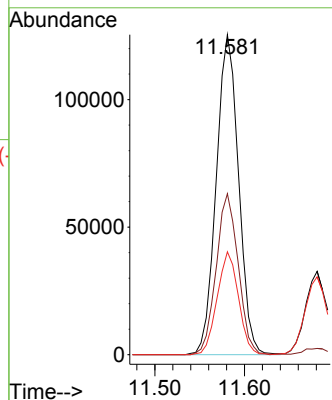
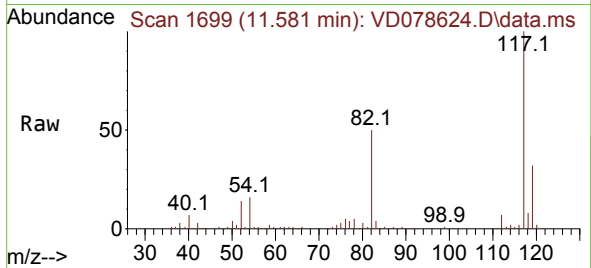




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

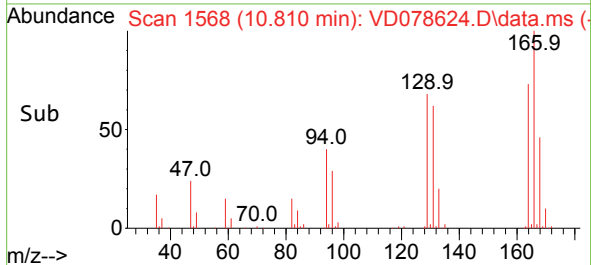
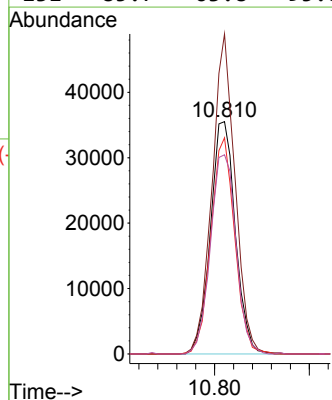
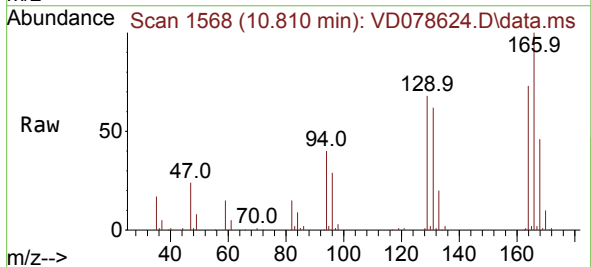
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

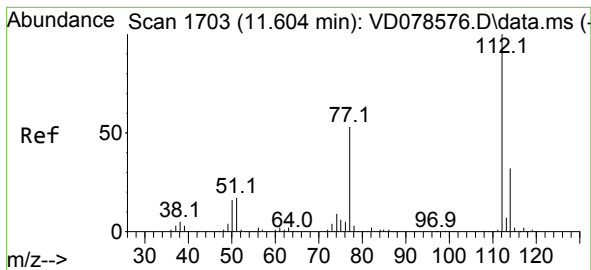
Tgt Ion:117 Resp: 216811
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 47.463 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion:164 Resp: 64748
Ion Ratio Lower Upper
164 100
166 137.7 99.2 148.8
129 93.0 68.4 102.6
131 85.7 63.8 95.8

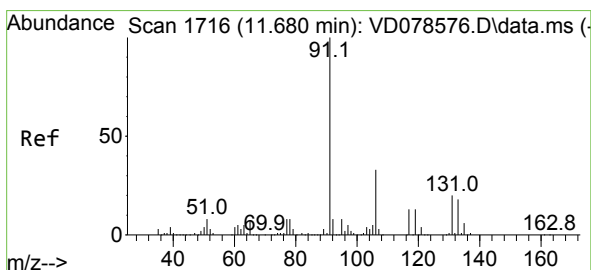
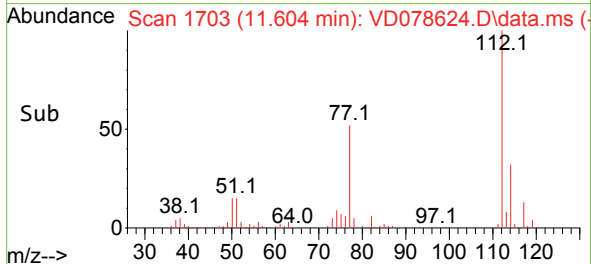
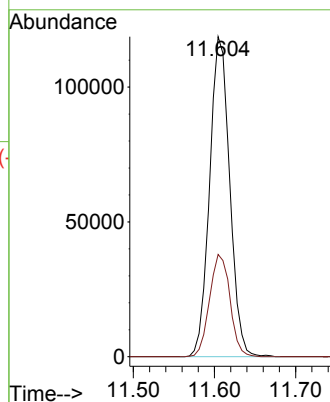
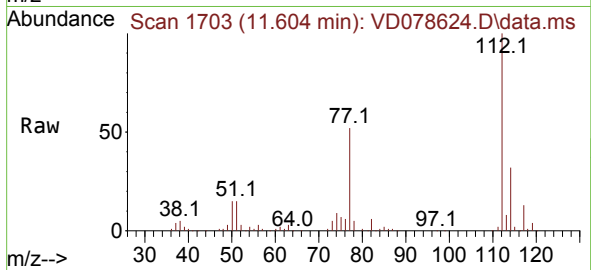




#65
Chlorobenzene
Concen: 47.784 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

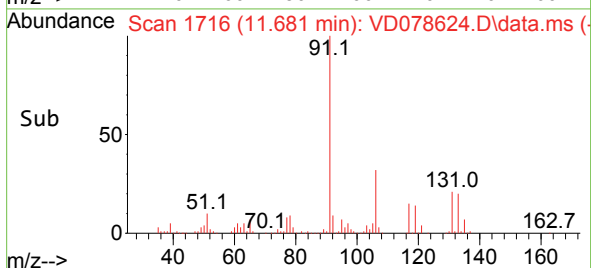
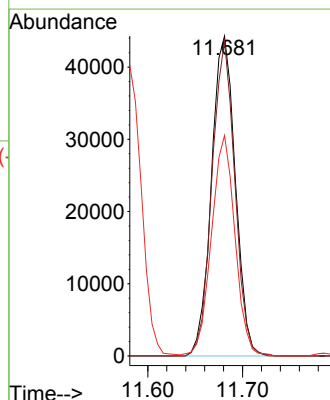
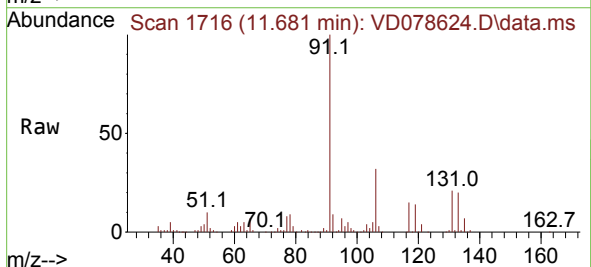
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

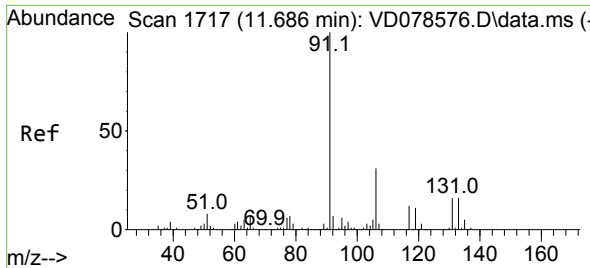
Tgt Ion:112 Resp: 204015
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.790 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion:131 Resp: 77551
Ion Ratio Lower Upper
131 100
133 93.9 48.5 145.5
119 67.8 35.6 106.9

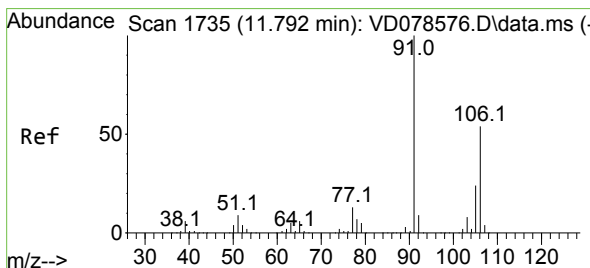
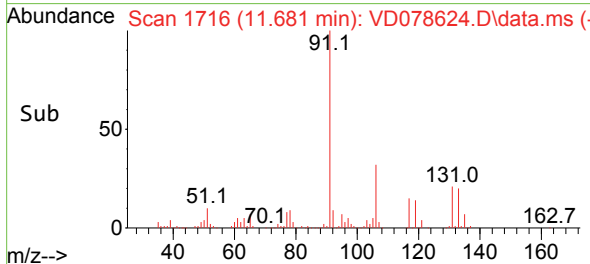
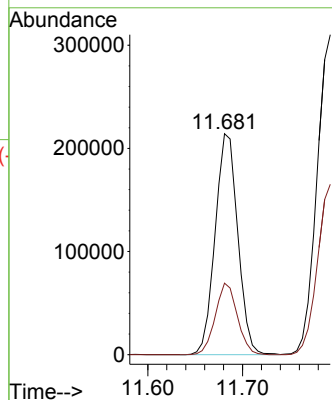
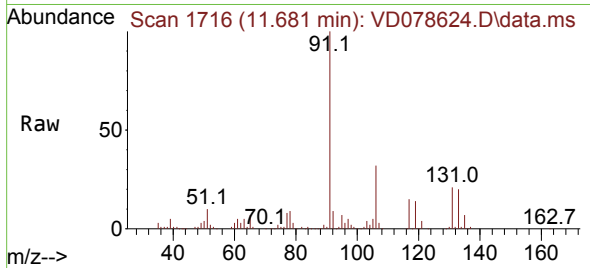




#67
Ethyl Benzene
Concen: 48.109 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.005 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

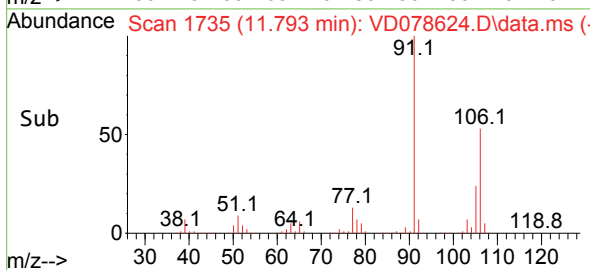
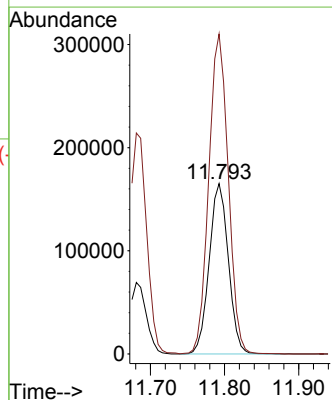
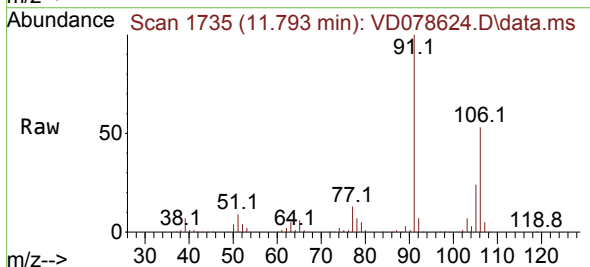
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

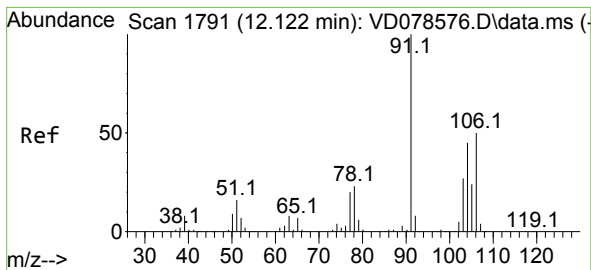
Tgt Ion: 91 Resp: 355901
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7



#68
m/p-Xylenes
Concen: 99.241 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion:106 Resp: 297016
Ion Ratio Lower Upper
106 100
91 190.7 147.0 220.6





#69

o-Xylene

Concen: 50.101 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

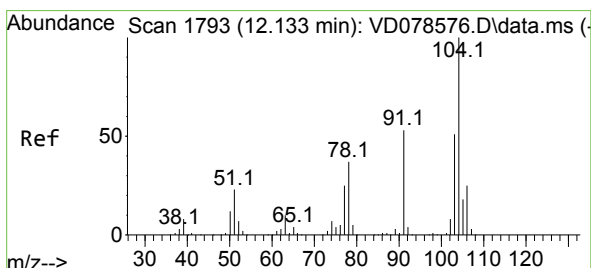
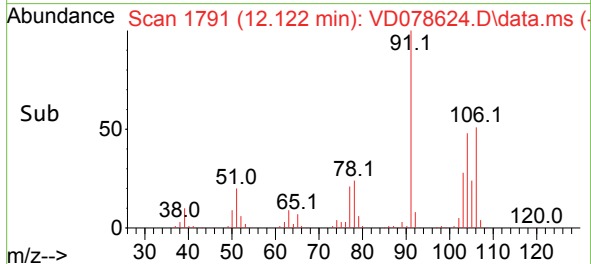
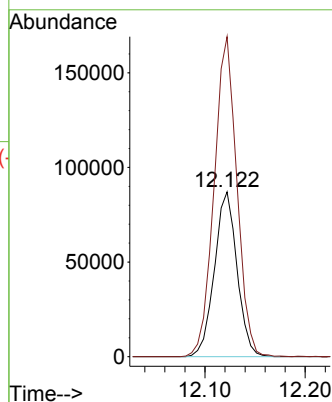
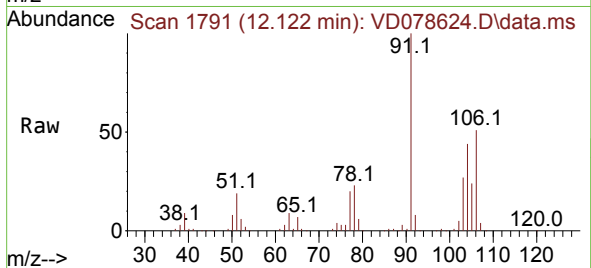
VSTDCCC050

Tgt Ion:106 Resp: 136028

Ion Ratio Lower Upper

106 100

91 196.0 97.9 293.6



#70

Styrene

Concen: 50.192 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

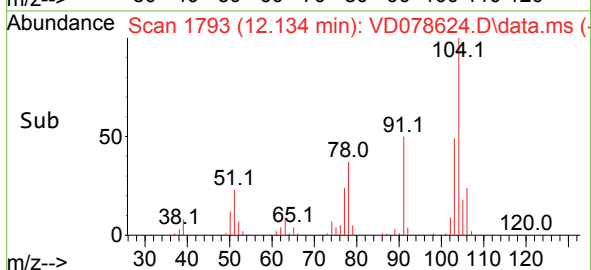
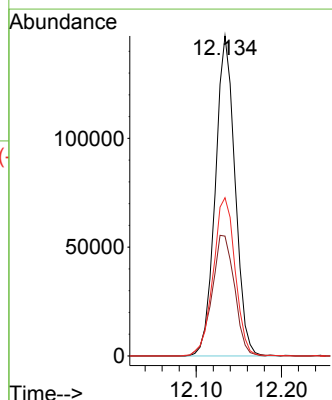
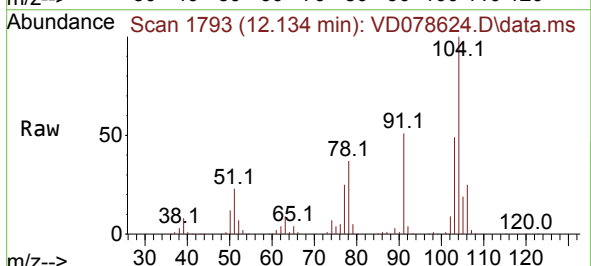
Tgt Ion:104 Resp: 236214

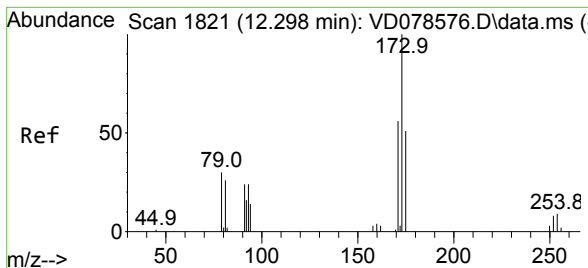
Ion Ratio Lower Upper

104 100

78 43.0 33.2 49.8

103 55.1 43.6 65.4





#71

Bromoform

Concen: 49.618 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

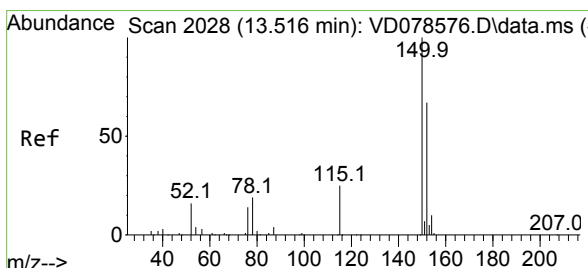
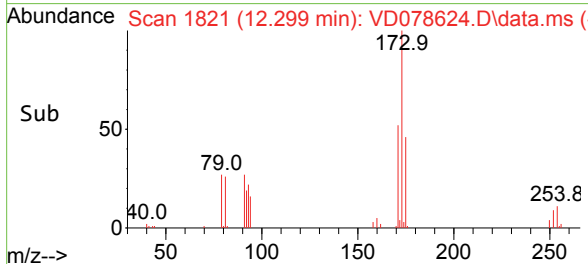
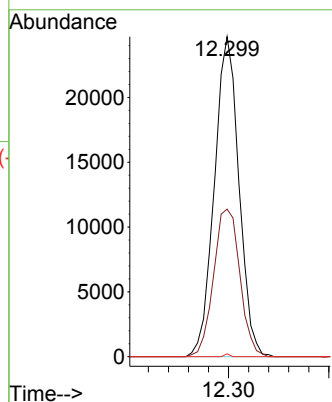
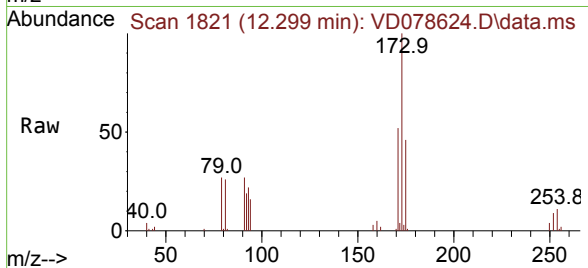
Tgt Ion:173 Resp: 41956

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.2 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: VD078624.D

Acq: 11 Mar 2024 09:59

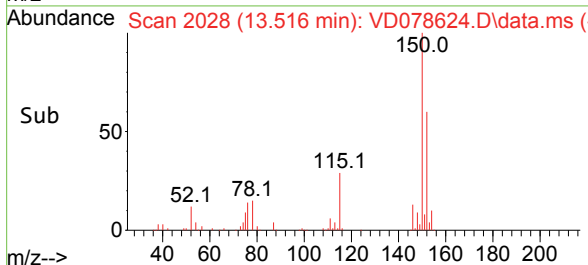
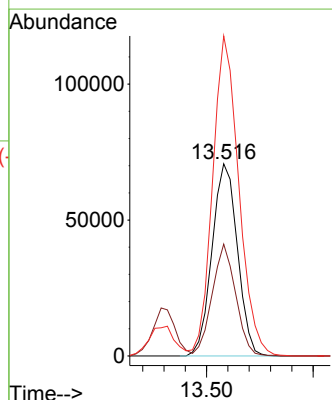
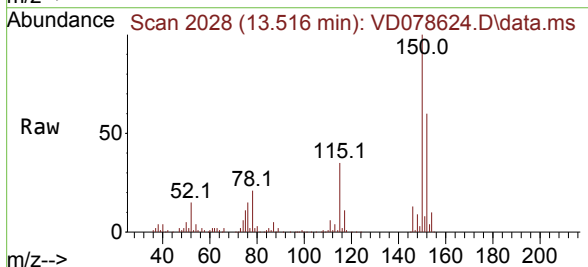
Tgt Ion:152 Resp: 116753

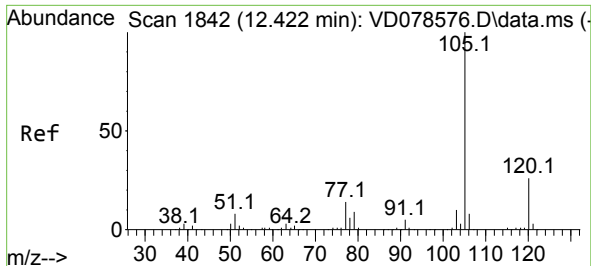
Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.3

150 171.9 0.0 353.6

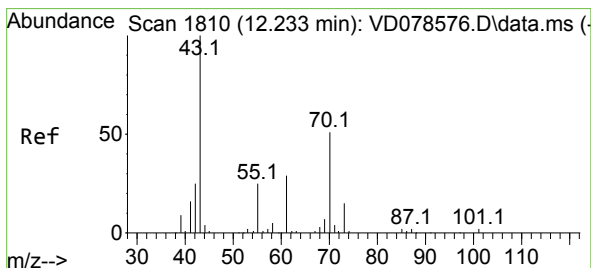
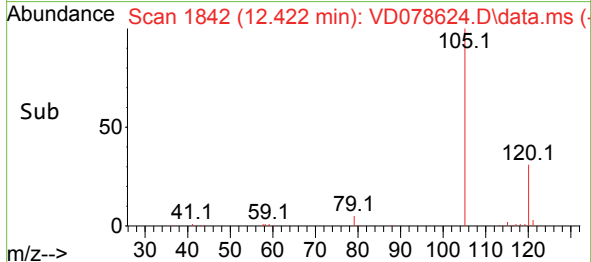
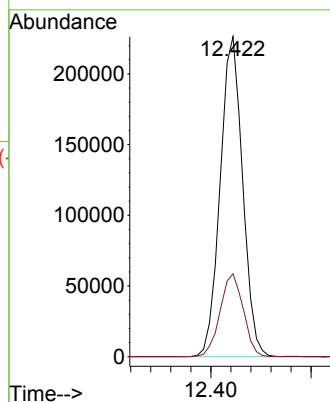
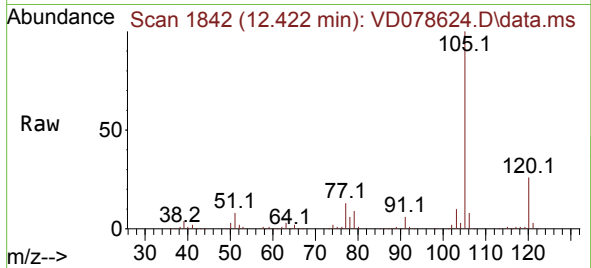




#73
Isopropylbenzene
Concen: 47.423 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

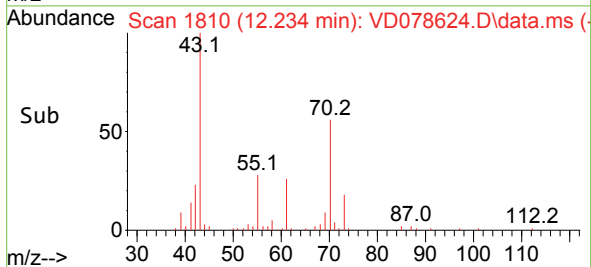
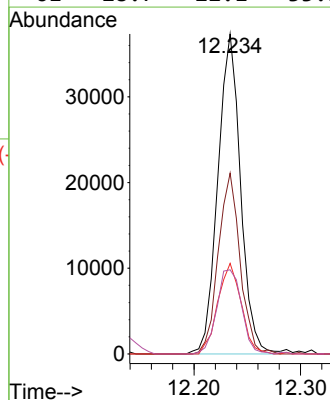
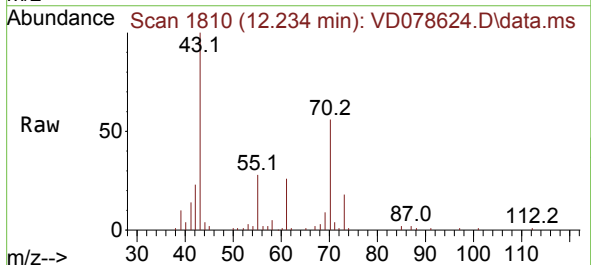
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

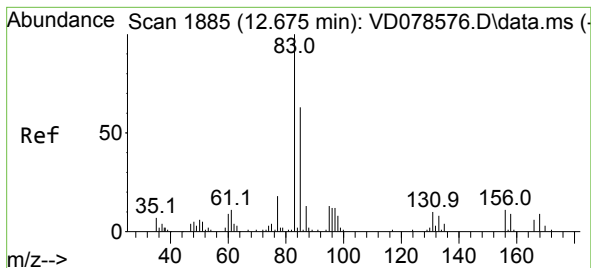
Tgt Ion:105 Resp: 350975
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 44.303 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 43 Resp: 55188
Ion Ratio Lower Upper
43 100
70 54.3 45.0 67.4
55 29.2 23.8 35.6
61 28.7 22.1 33.1

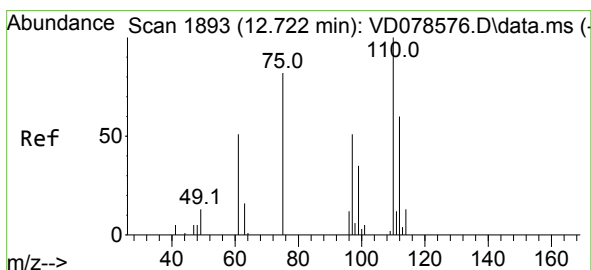
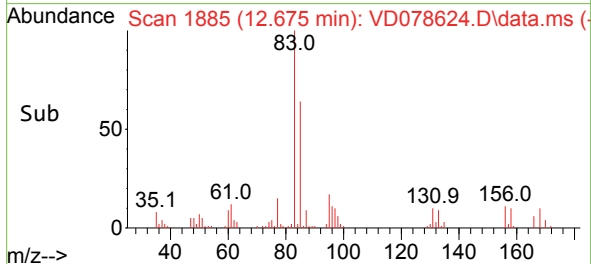
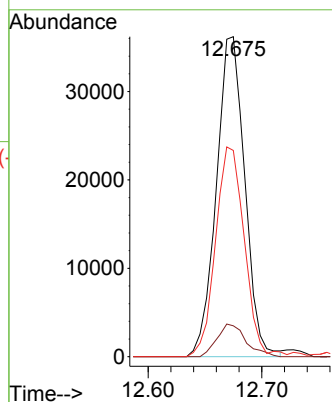
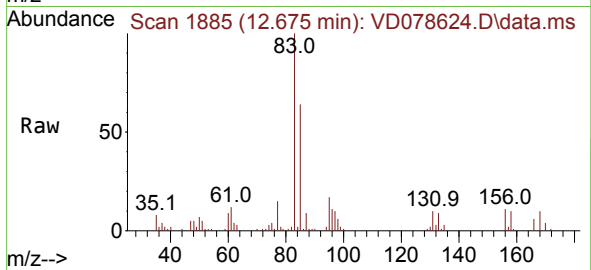




#75
1,1,2,2-Tetrachloroethane
Concen: 44.368 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

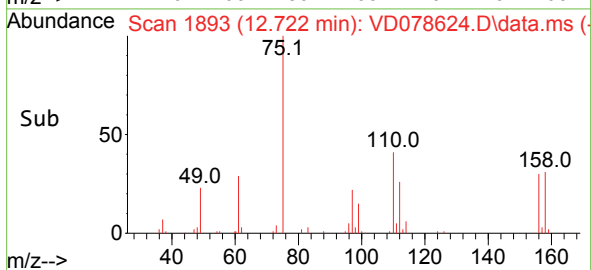
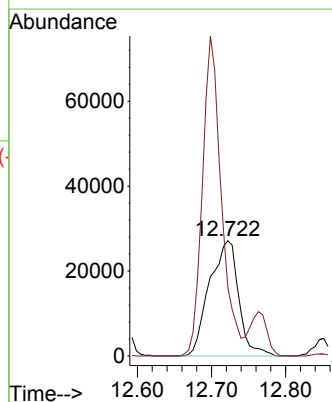
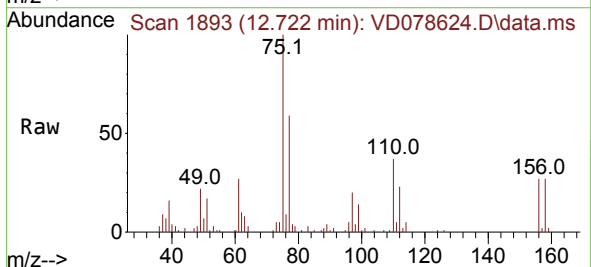
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

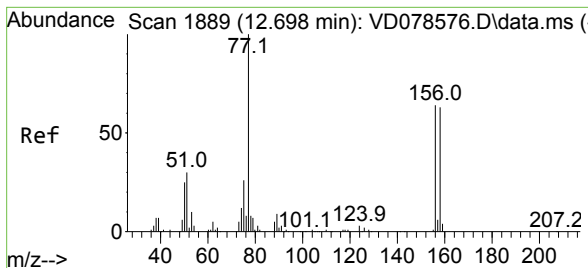
Tgt Ion: 83 Resp: 62905
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 66.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 83.303 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 75 Resp: 74281
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

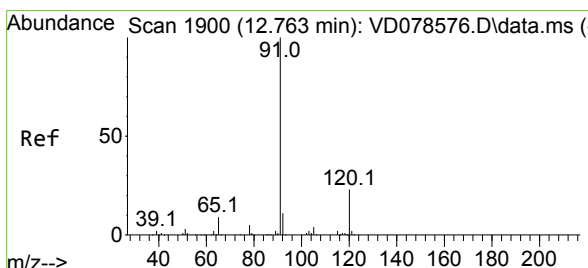
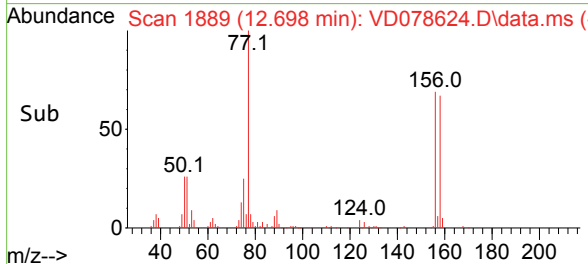
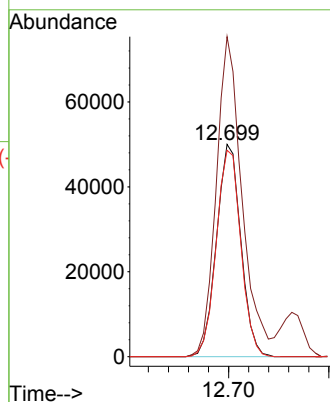
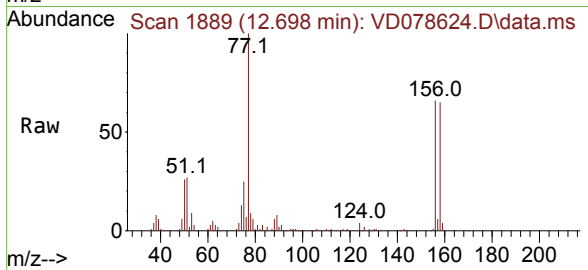




#77
Bromobenzene
Concen: 47.127 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

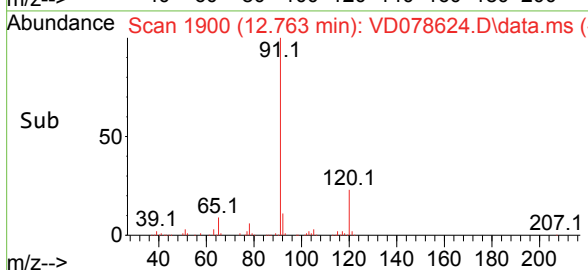
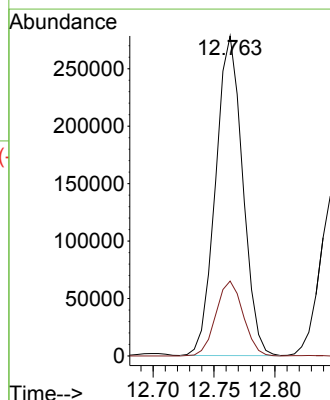
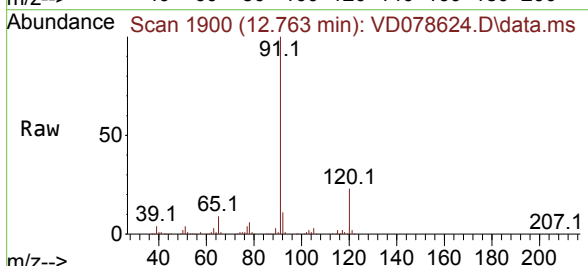
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

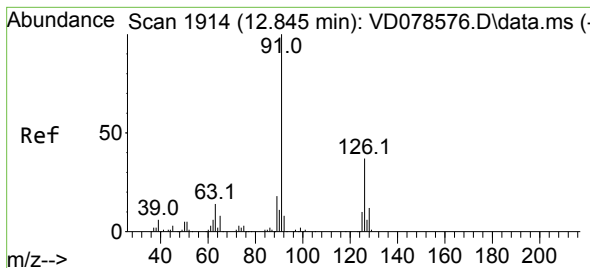
Tgt Ion:156 Resp: 84351
Ion Ratio Lower Upper
156 100
77 158.4 76.8 230.4
158 98.2 48.6 145.9



#78
n-propylbenzene
Concen: 47.556 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 91 Resp: 430519
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 47.382 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

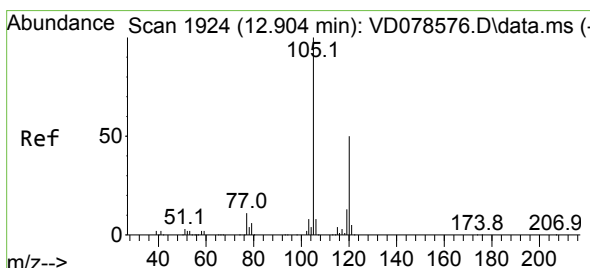
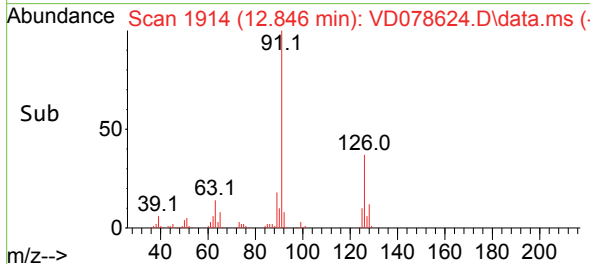
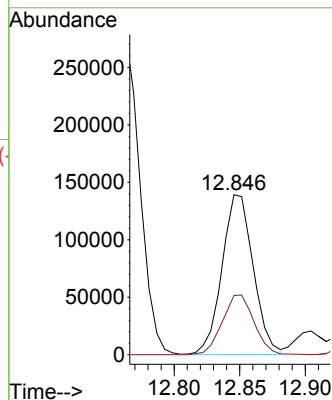
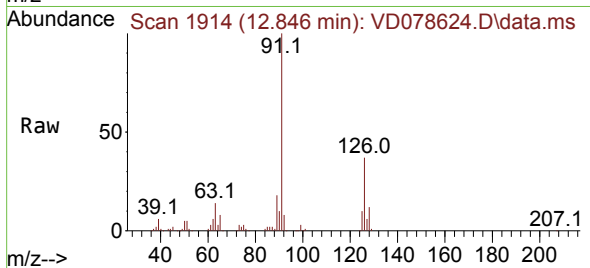
VSTDCCC050

Tgt Ion: 91 Resp: 230174

Ion Ratio Lower Upper

91 100

126 38.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 49.488 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078624.D

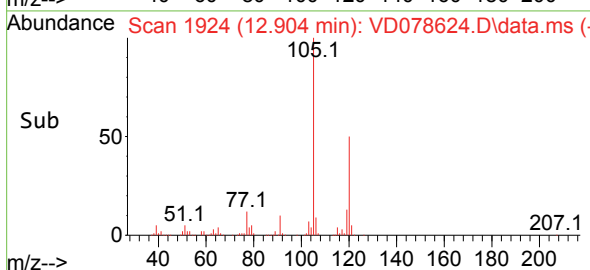
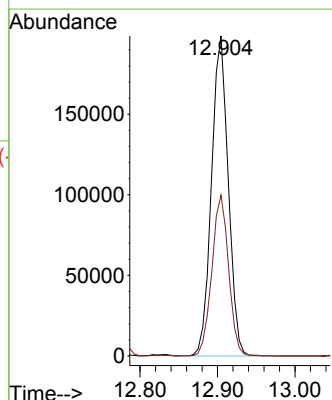
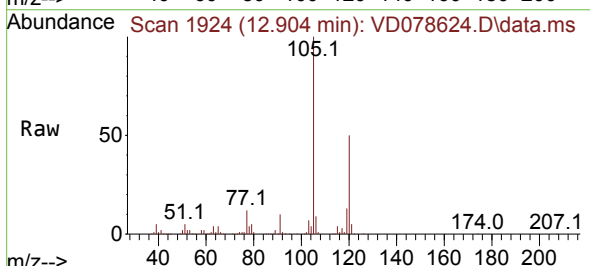
Acq: 11 Mar 2024 09:59

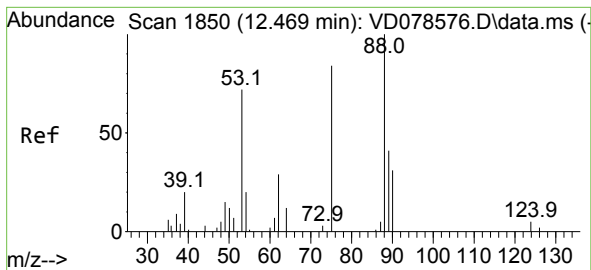
Tgt Ion: 105 Resp: 298032

Ion Ratio Lower Upper

105 100

120 50.1 26.4 79.2

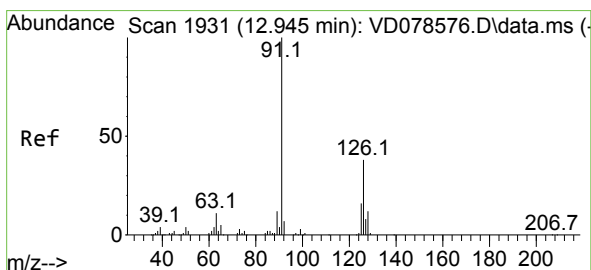
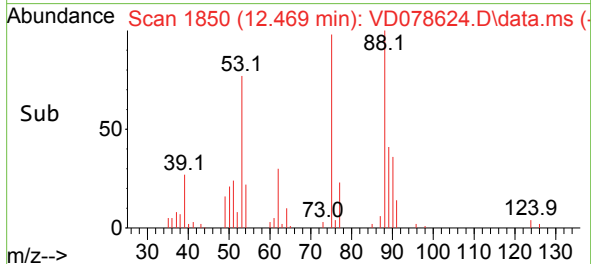
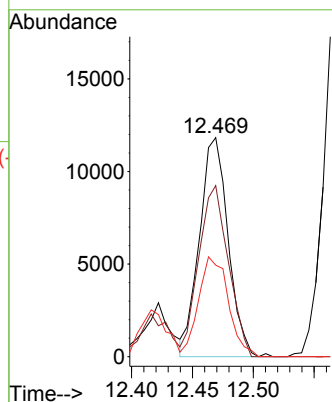
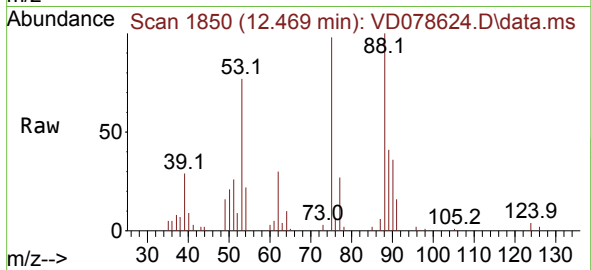




#81
trans-1,4-Dichloro-2-butene
Concen: 46.544 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

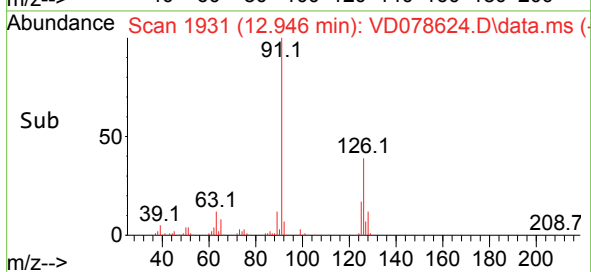
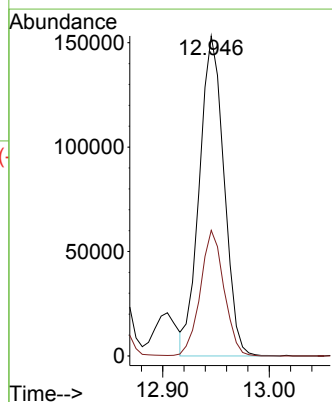
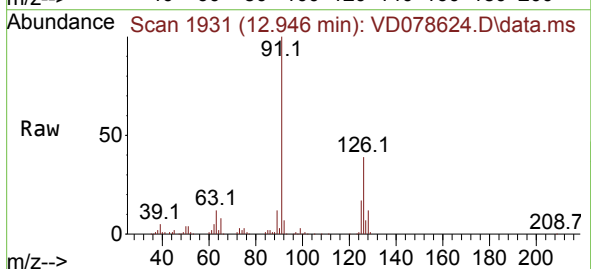
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

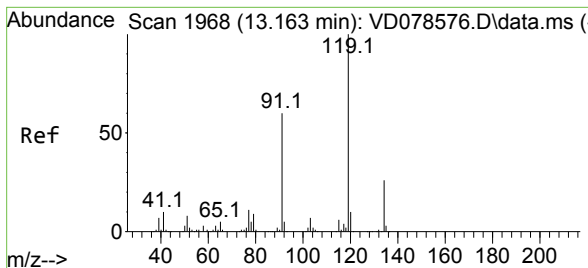
Tgt Ion: 75 Resp: 19390
Ion Ratio Lower Upper
75 100
53 80.7 63.0 94.4
89 47.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.584 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078624.D
Acq: 11 Mar 2024 09:59

Tgt Ion: 91 Resp: 246350
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 49.578 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

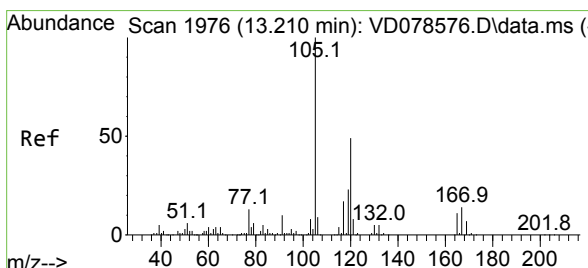
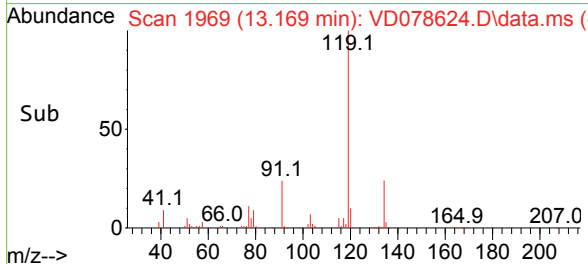
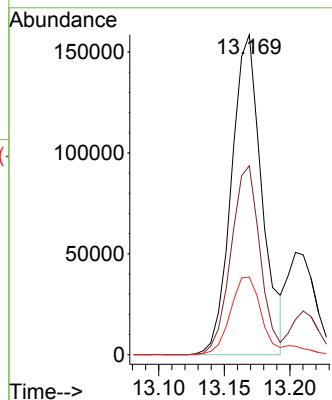
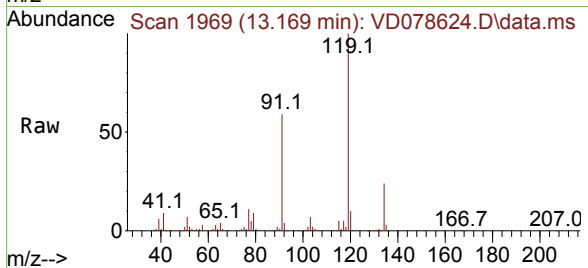
Tgt Ion:119 Resp: 257088

Ion Ratio Lower Upper

119 100

91 56.4 29.3 87.8

134 26.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 49.193 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078624.D

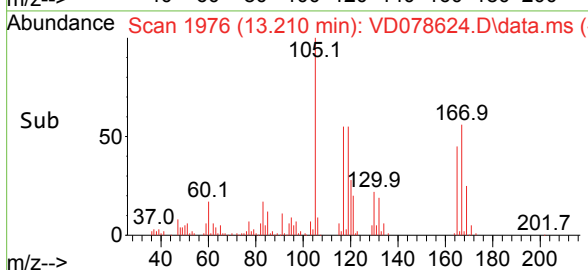
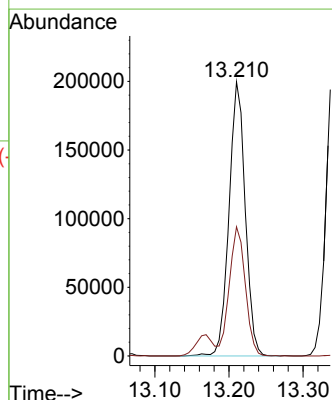
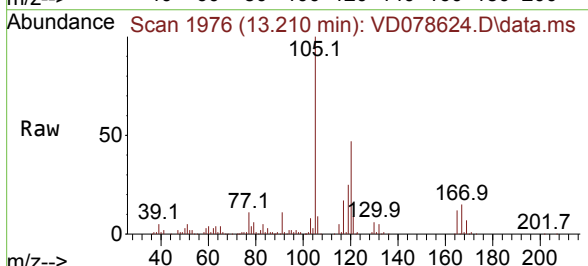
Acq: 11 Mar 2024 09:59

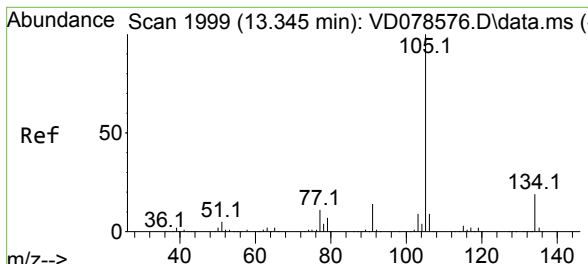
Tgt Ion:105 Resp: 302810

Ion Ratio Lower Upper

105 100

120 47.0 24.3 72.9

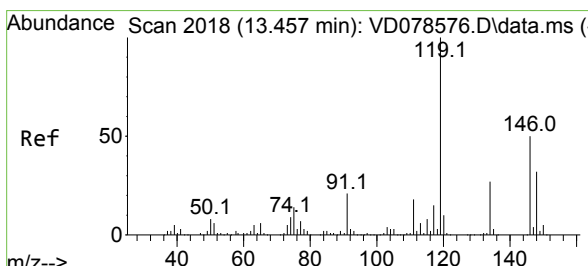
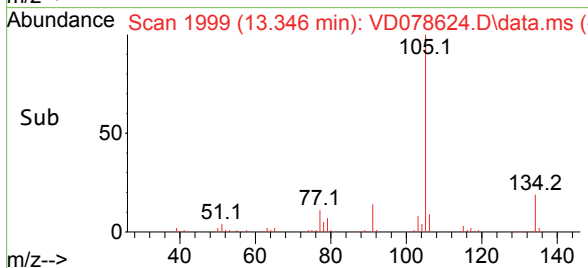
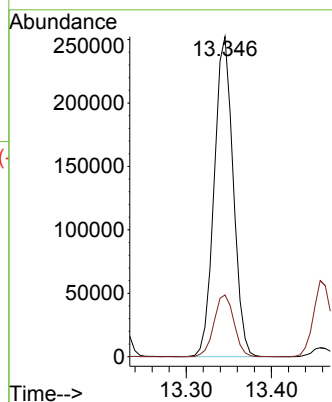
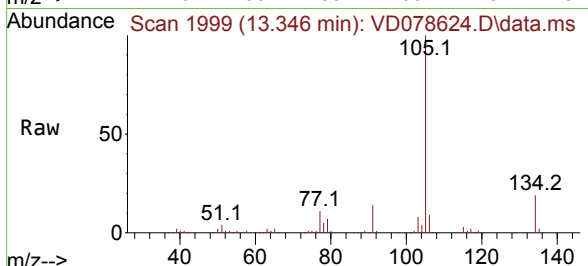




#85
 sec-Butylbenzene
 Concen: 48.142 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078624.D
 Acq: 11 Mar 2024 09:59

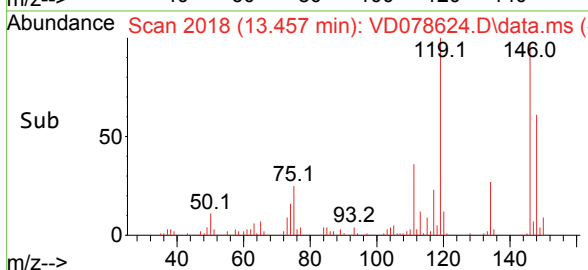
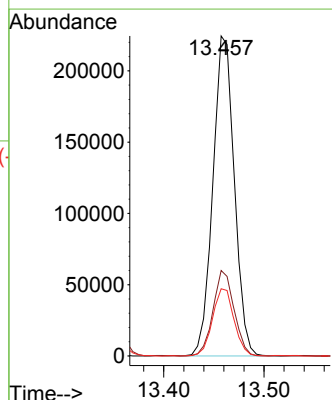
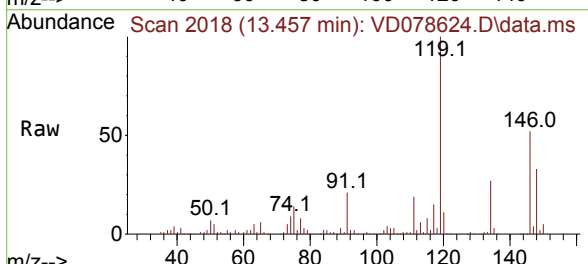
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

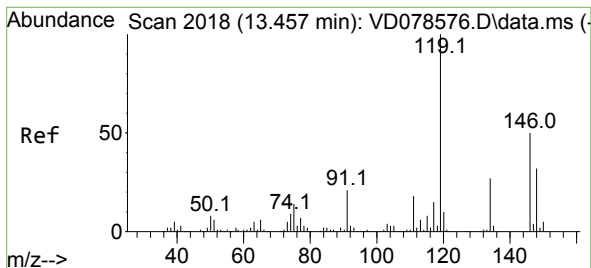
Tgt Ion:105 Resp: 389462
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 49.003 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078624.D
 Acq: 11 Mar 2024 09:59

Tgt Ion:119 Resp: 333722
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 47.623 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

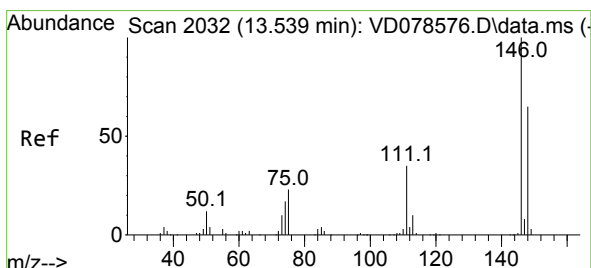
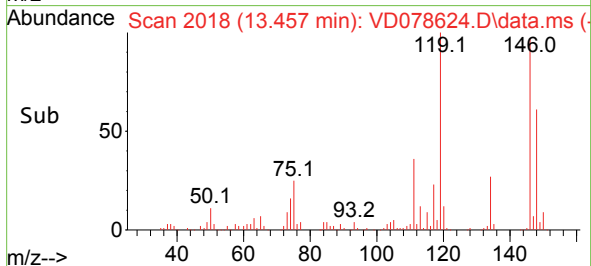
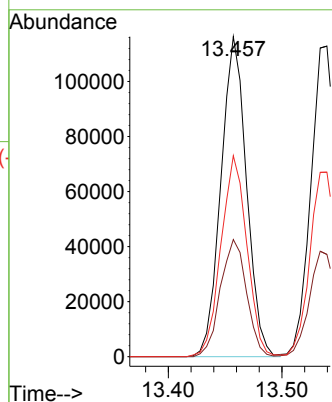
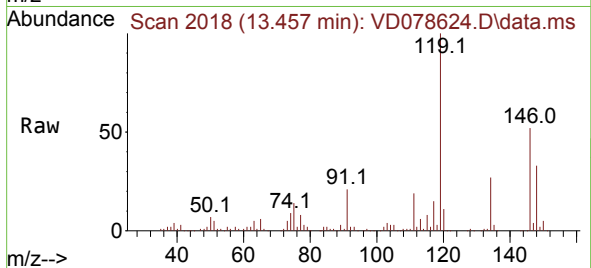
Tgt Ion:146 Resp: 182134

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.8

148 63.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.010 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

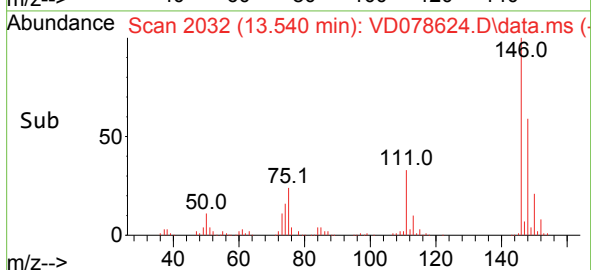
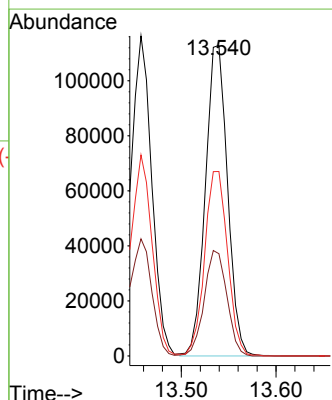
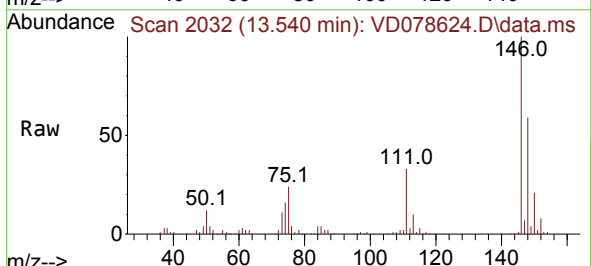
Tgt Ion:146 Resp: 183959

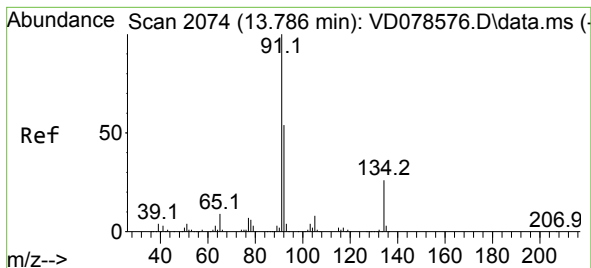
Ion Ratio Lower Upper

146 100

111 34.8 17.4 52.3

148 61.6 31.7 95.1





#89

n-Butylbenzene

Concen: 47.677 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

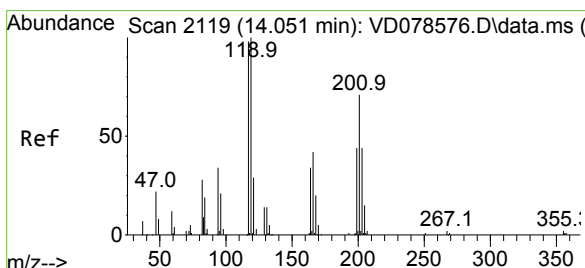
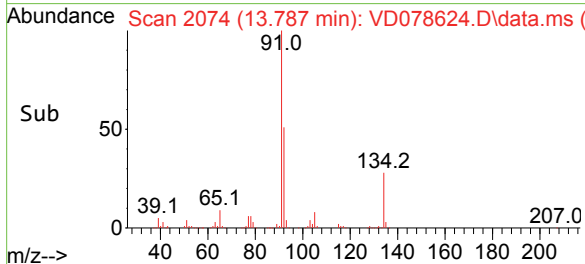
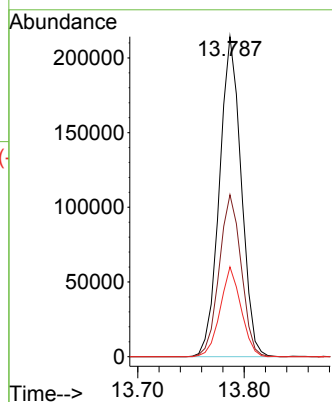
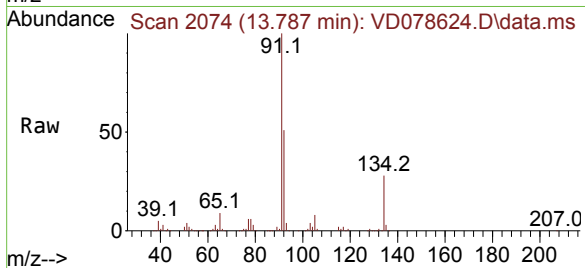
Tgt Ion: 91 Resp: 303426

Ion Ratio Lower Upper

91 100

92 51.3 26.5 79.5

134 26.9 13.8 41.3



#90

Hexachloroethane

Concen: 47.778 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078624.D

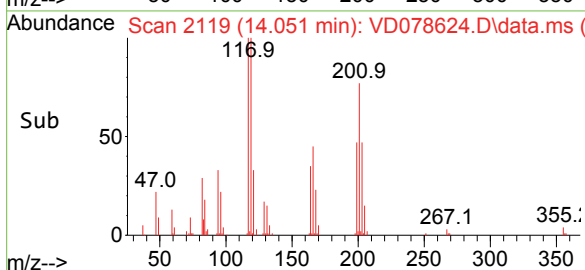
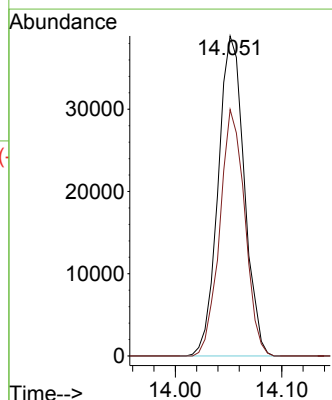
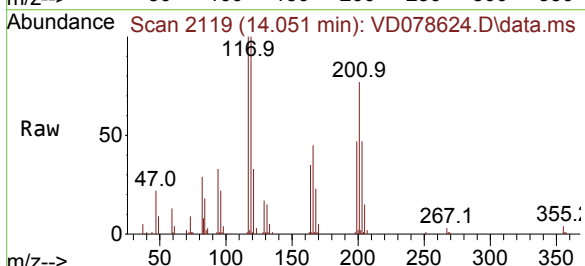
Acq: 11 Mar 2024 09:59

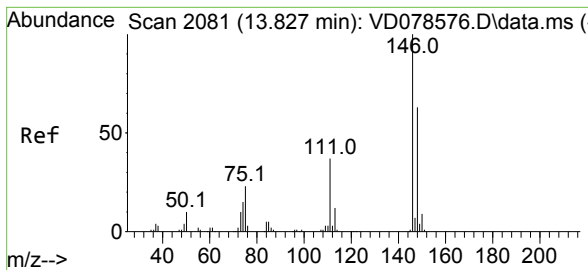
Tgt Ion: 117 Resp: 66159

Ion Ratio Lower Upper

117 100

201 73.8 38.5 115.5

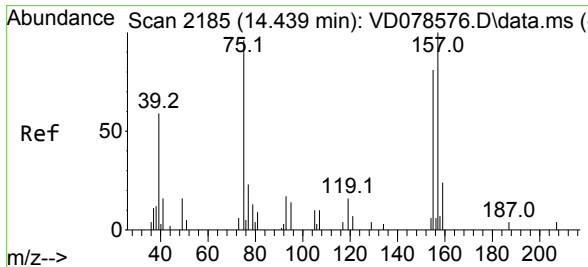
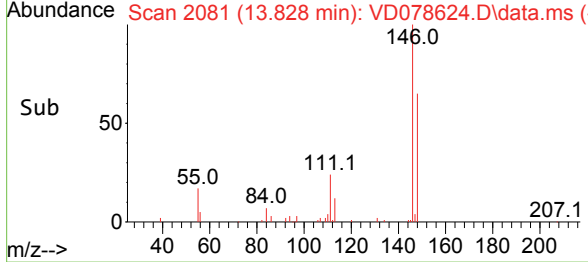
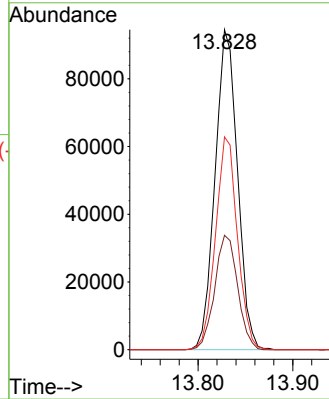
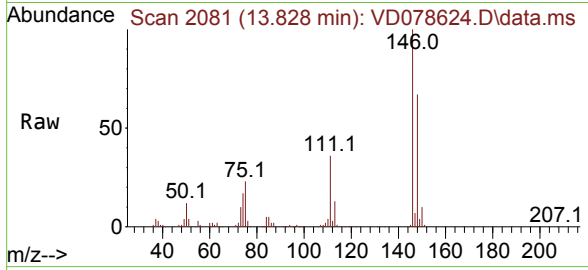




#91
 1,2-Dichlorobenzene
 Concen: 47.848 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD078624.D
 Acq: 11 Mar 2024 09:59

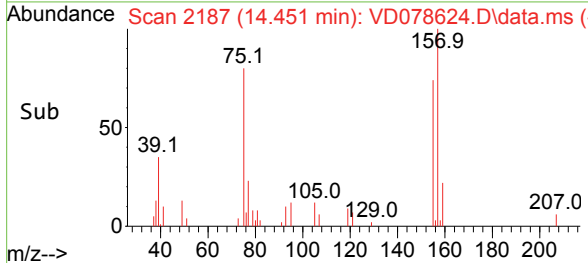
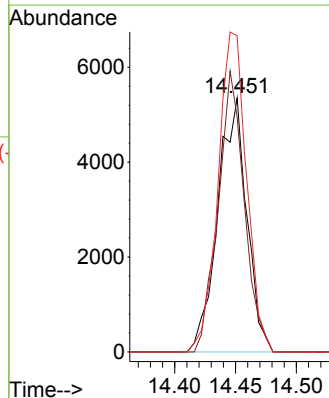
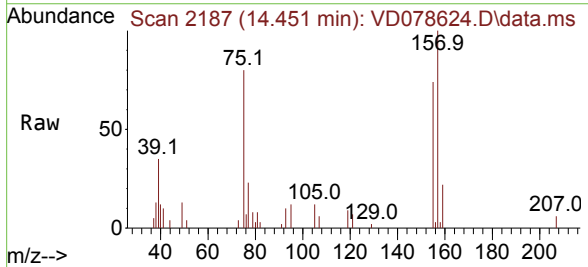
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

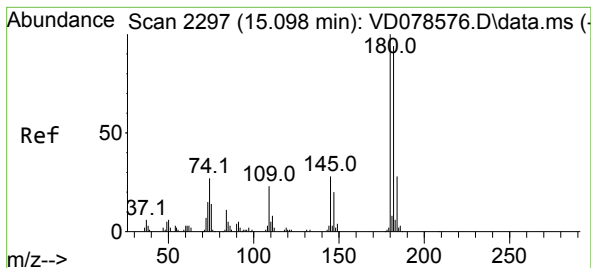
Tgt Ion:	146	Resp:	155441
Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.3	54.8
148	65.0	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.025 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.012 min
 Lab File: VD078624.D
 Acq: 11 Mar 2024 09:59

Tgt Ion:	75	Resp:	8887
Ion	Ratio	Lower	Upper
75	100		
155	99.4	47.9	143.8
157	124.1	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.996 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

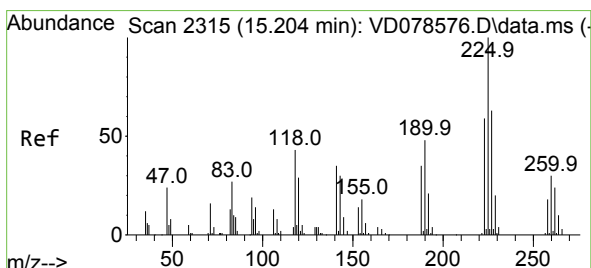
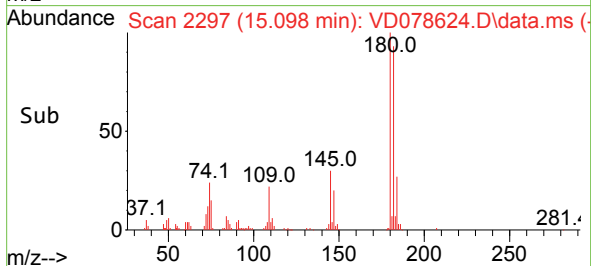
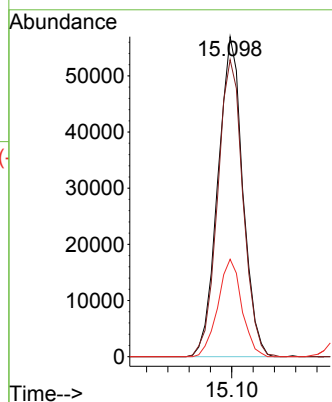
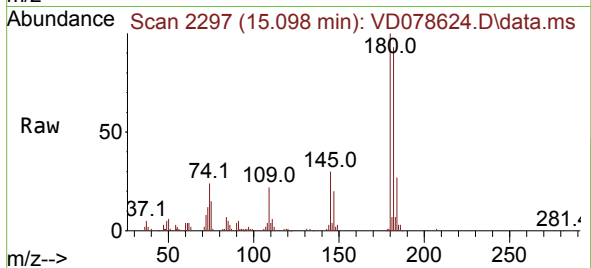
Tgt Ion:180 Resp: 92330

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.6

145 29.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.966 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078624.D

Acq: 11 Mar 2024 09:59

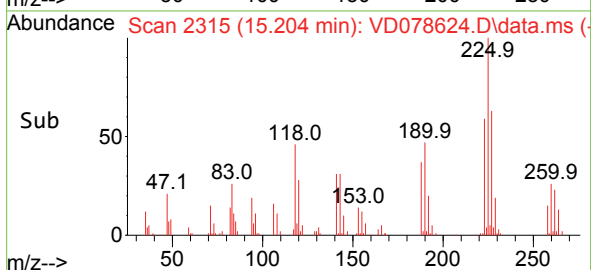
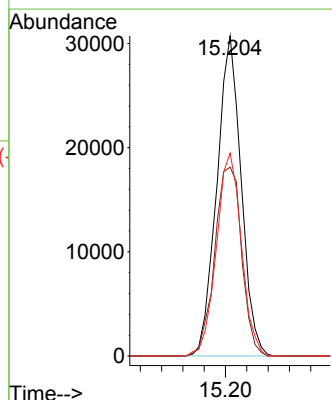
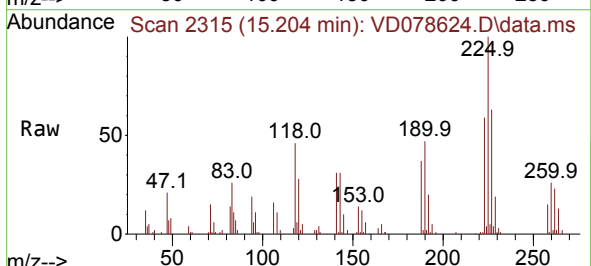
Tgt Ion:225 Resp: 48653

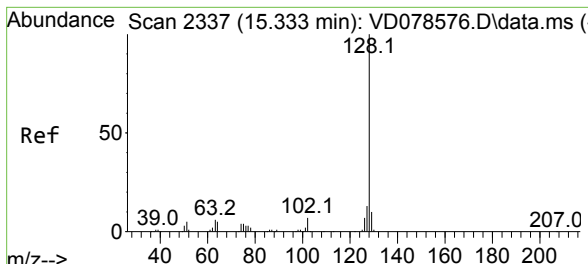
Ion Ratio Lower Upper

225 100

223 65.0 31.6 94.8

227 65.0 31.7 95.1

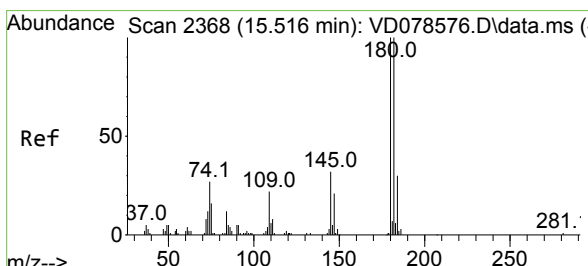
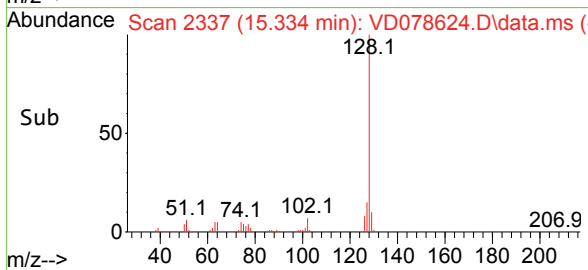
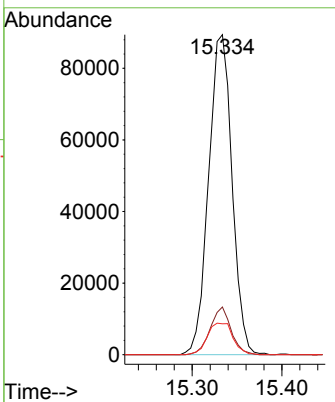
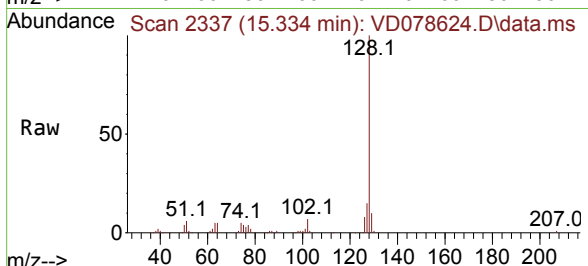




#95
 Naphthalene
 Concen: 47.679 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078624.D
 Acq: 11 Mar 2024 09:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	128	Resp:	162075
Ion Ratio	Lower	Upper	
128	100		
127	14.9	10.5	15.7
129	9.6	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 46.748 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.006 min
 Lab File: VD078624.D
 Acq: 11 Mar 2024 09:59

Tgt Ion:	180	Resp:	79866
Ion Ratio	Lower	Upper	
180	100		
182	99.3	47.3	141.9
145	30.3	15.1	45.3

