

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078748.D
 Acq On : 22 Mar 2024 17:38
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 23:22:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	99248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	166165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46099	49.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.810	113	52970	49.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.269	98	202185	51.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.780%
62) 4-Bromofluorobenzene	12.575	95	61924	53.796	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	43934	47.562	ug/l	99
3) Chloromethane	2.152	50	68718	47.116	ug/l	92
4) Vinyl Chloride	2.287	62	99478	46.236	ug/l	97
5) Bromomethane	2.693	94	94613	45.929	ug/l	97
6) Chloroethane	2.840	64	82185	48.982	ug/l	93
7) Trichlorofluoromethane	3.181	101	85108	50.002	ug/l	97
8) Diethyl Ether	3.593	74	24663	49.627	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	54244	50.780	ug/l	99
10) Methyl Iodide	4.169	142	68311	54.061	ug/l	97
11) Tert butyl alcohol	5.052	59	10643	255.687	ug/l	95
12) 1,1-Dichloroethene	3.946	96	50576	49.805	ug/l	94
13) Acrolein	3.799	56	11508	176.489	ug/l	97
14) Allyl chloride	4.569	41	58465	51.598	ug/l	97
15) Acrylonitrile	5.258	53	53854	268.818	ug/l	96
16) Acetone	4.028	43	45863	254.993	ug/l	96
17) Carbon Disulfide	4.281	76	158882	47.727	ug/l	96
18) Methyl Acetate	4.569	43	24852	64.385	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	108853	53.154	ug/l	98
20) Methylene Chloride	4.805	84	68276	56.293	ug/l	97
21) trans-1,2-Dichloroethene	5.322	96	63737	53.193	ug/l	94
22) Diisopropyl ether	6.216	45	142890	55.467	ug/l	98
23) Vinyl Acetate	6.158	43	411930	273.364	ug/l	98
24) 1,1-Dichloroethane	6.116	63	104164	53.931	ug/l	100
25) 2-Butanone	7.081	43	60999	255.093	ug/l	99
26) 2,2-Dichloropropane	7.075	77	85269	52.181	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	74133	54.244	ug/l	97
28) Bromochloromethane	7.434	49	41732	60.605	ug/l	96
29) Tetrahydrofuran	7.452	42	36684	282.052	ug/l	99
30) Chloroform	7.599	83	117707	54.658	ug/l	94
31) Cyclohexane	7.887	56	73670	47.123	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	96137	52.616	ug/l	99
36) 1,1-Dichloropropene	8.010	75	84075	54.162	ug/l	99
37) Ethyl Acetate	7.169	43	27516	54.260	ug/l	98
38) Carbon Tetrachloride	7.993	117	87286	53.338	ug/l #	90
39) Methylcyclohexane	9.275	83	93057	51.678	ug/l	97
40) Benzene	8.252	78	253406	54.004	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078748.D
 Acq On : 22 Mar 2024 17:38
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 23:22:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	11600	43.650	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	64655	56.501	ug/l	99
43) Isopropyl Acetate	8.357	43	49845	54.048	ug/l	97
44) Trichloroethene	9.034	130	67405	52.932	ug/l	85
45) 1,2-Dichloropropane	9.304	63	62232	55.908	ug/l	91
46) Dibromomethane	9.399	93	37273	55.860	ug/l	96
47) Bromodichloromethane	9.587	83	90313	56.855	ug/l	98
48) Methyl methacrylate	9.381	41	24593	54.729	ug/l	98
49) 1,4-Dioxane	9.381	88	6710	1086.094	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	136677	283.482	ug/l	99
52) Toluene	10.334	92	166943	55.261	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	81501	56.117	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	98117	56.197	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	51287	57.397	ug/l	96
56) Ethyl methacrylate	10.598	69	49101	54.815	ug/l	97
57) 1,3-Dichloropropane	10.881	76	82012	56.882	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	108566	274.868	ug/l	100
59) 2-Hexanone	10.922	43	99279	277.772	ug/l	100
60) Dibromochloromethane	11.075	129	60955	55.316	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47162	54.539	ug/l	98
64) Tetrachloroethene	10.810	164	55997	52.247	ug/l	95
65) Chlorobenzene	11.610	112	181949	53.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	67139	54.168	ug/l	99
67) Ethyl Benzene	11.687	91	314497	54.532	ug/l	95
68) m/p-Xylenes	11.793	106	257664	110.024	ug/l	99
69) o-Xylene	12.122	106	120310	55.524	ug/l	99
70) Styrene	12.134	104	208016	57.197	ug/l	100
71) Bromoform	12.298	173	37013	55.257	ug/l #	95
73) Isopropylbenzene	12.422	105	303554	51.701	ug/l	99
74) N-amyl acetate	12.234	43	49707	52.144	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	55174	50.763	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	65280	95.016	ug/l #	100
77) Bromobenzene	12.698	156	74876	51.423	ug/l	97
78) n-propylbenzene	12.763	91	378047	52.898	ug/l	99
79) 2-Chlorotoluene	12.851	91	203993	52.031	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	258794	53.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	17556	53.563	ug/l	98
82) 4-Chlorotoluene	12.945	91	218254	52.631	ug/l	98
83) tert-Butylbenzene	13.163	119	224249	53.565	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	260861	53.314	ug/l	98
85) sec-Butylbenzene	13.345	105	337466	53.266	ug/l	99
86) p-Isopropyltoluene	13.457	119	290905	53.637	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	162747	52.966	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	157105	51.880	ug/l	99
89) n-Butylbenzene	13.787	91	263851	53.867	ug/l	99
90) Hexachloroethane	14.057	117	56840	50.649	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	137341	51.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7449	51.232	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	78479	50.814	ug/l	99
94) Hexachlorobutadiene	15.204	225	43667	52.225	ug/l	97
95) Naphthalene	15.334	128	138101	51.430	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	70750	52.951	ug/l	100

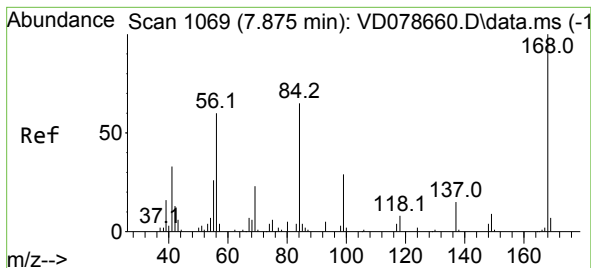
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
Data File : VD078748.D
Acq On : 22 Mar 2024 17:38
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 22 23:22:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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

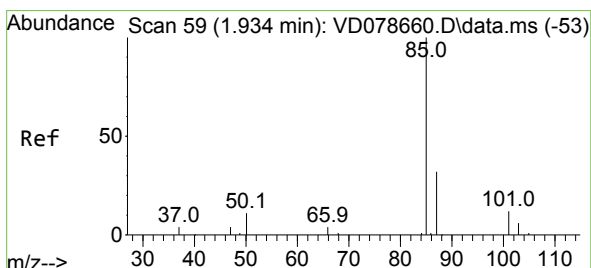
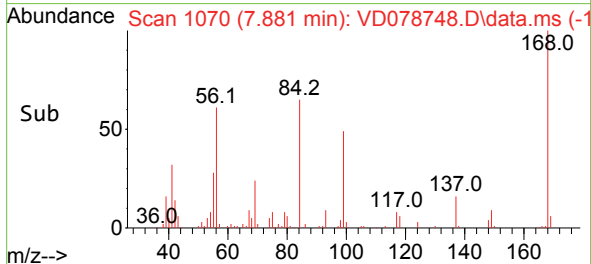
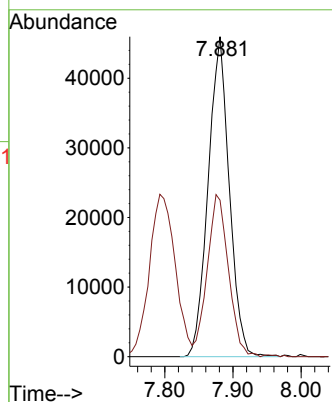
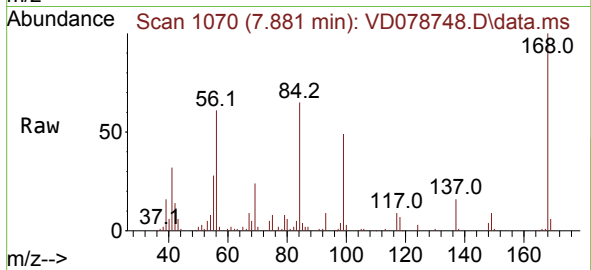
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

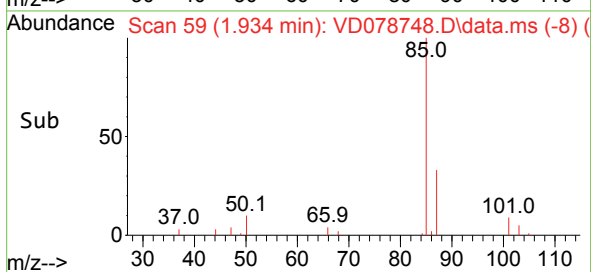
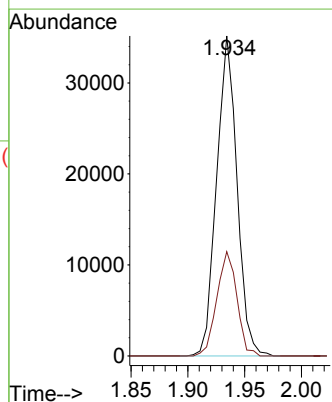
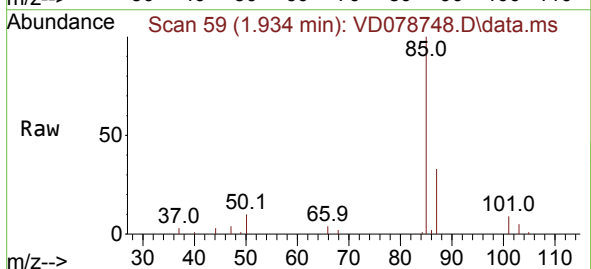
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

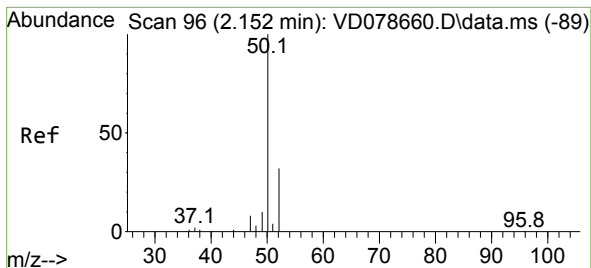
Tgt Ion:168 Resp: 99248
Ion Ratio Lower Upper
168 100
99 48.9 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 47.562 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 85 Resp: 43934
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5





#3

Chloromethane

Concen: 47.116 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

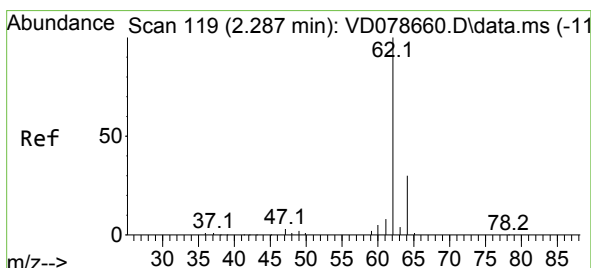
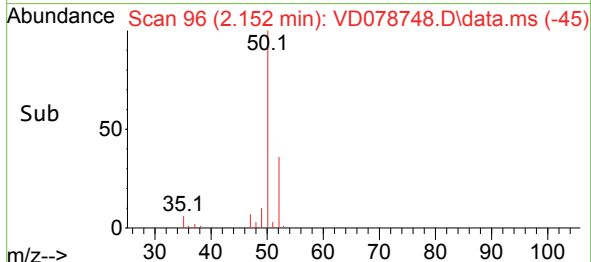
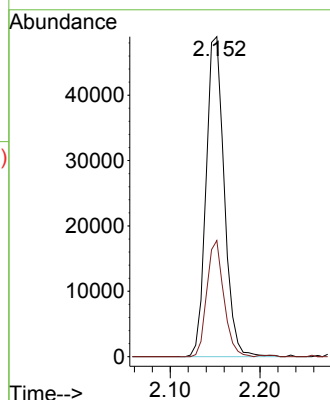
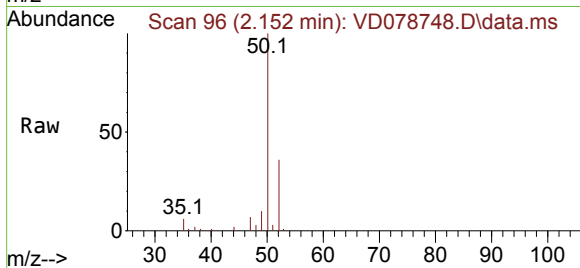
VSTDCCC050EC

Tgt Ion: 50 Resp: 68718

Ion Ratio Lower Upper

50 100

52 36.3 25.6 38.4



#4

Vinyl Chloride

Concen: 46.236 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078748.D

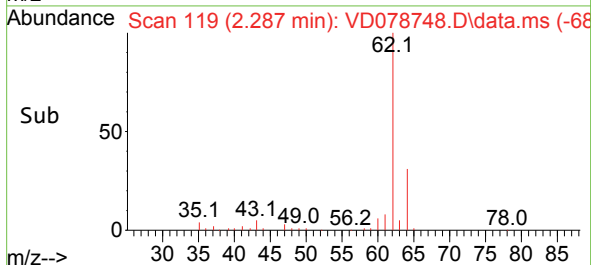
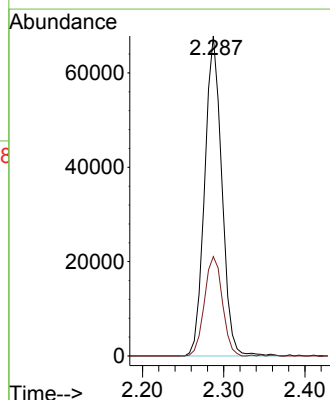
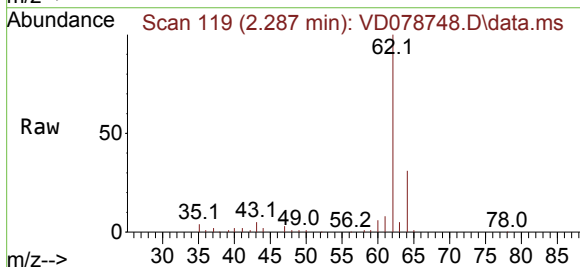
Acq: 22 Mar 2024 17:38

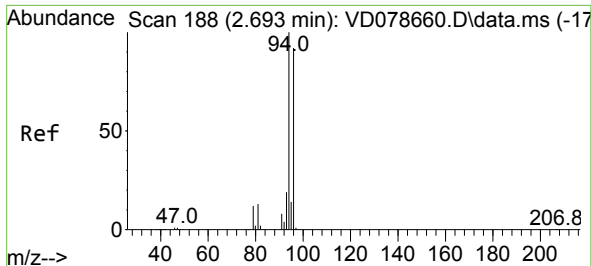
Tgt Ion: 62 Resp: 99478

Ion Ratio Lower Upper

62 100

64 31.1 23.7 35.5

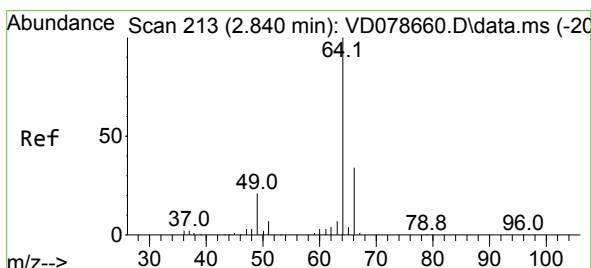
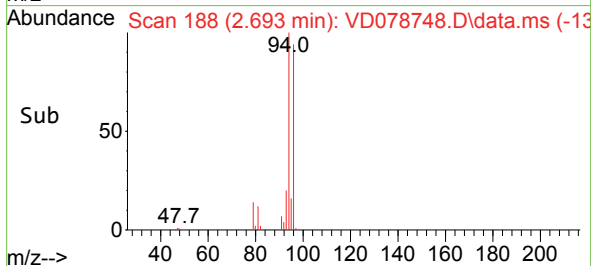
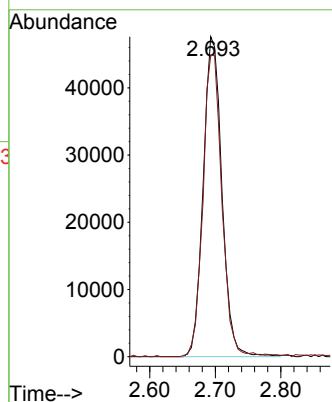
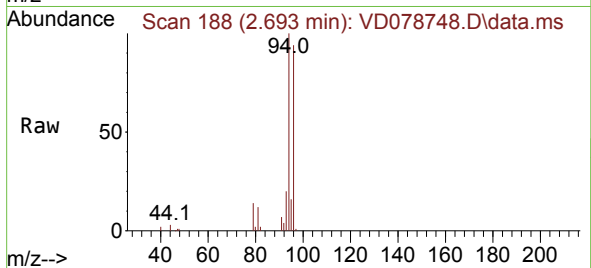




#5
Bromomethane
Concen: 45.929 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

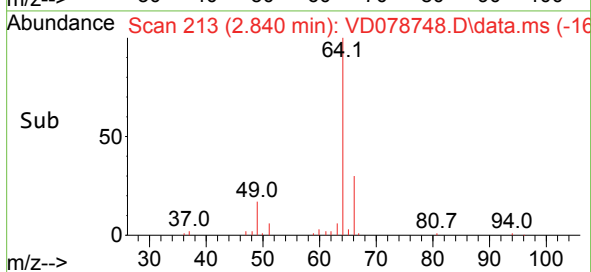
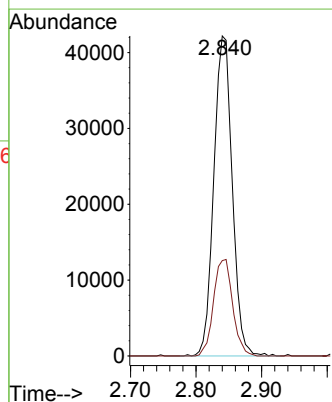
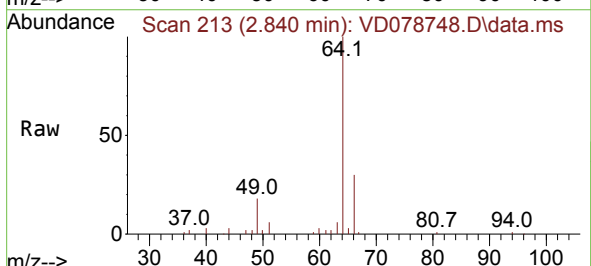
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

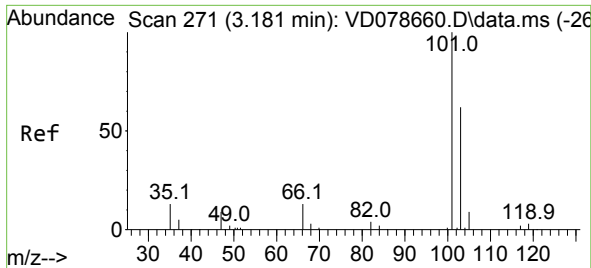
Tgt Ion: 94 Resp: 94613
Ion Ratio Lower Upper
94 100
96 95.2 73.5 110.3



#6
Chloroethane
Concen: 48.982 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 64 Resp: 82185
Ion Ratio Lower Upper
64 100
66 29.8 26.8 40.2

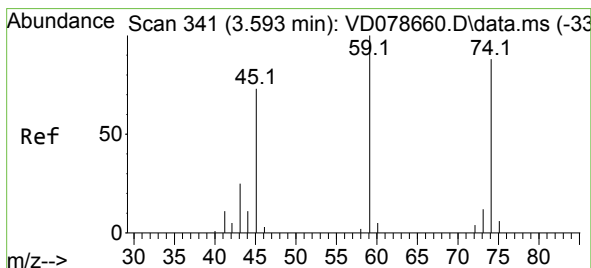
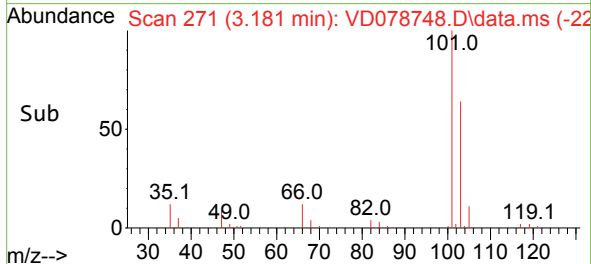
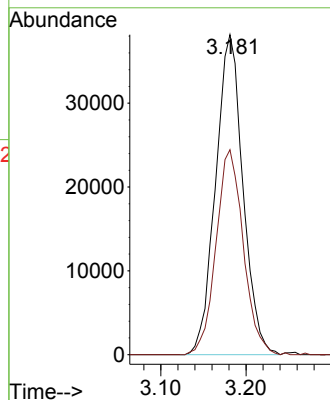
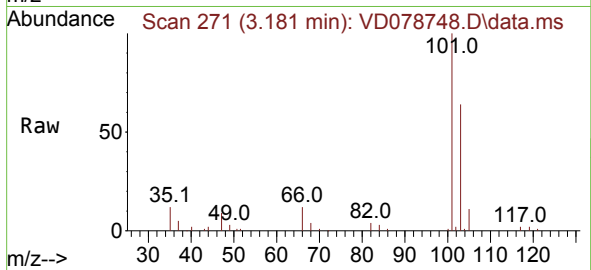




#7
 Trichlorofluoromethane
 Concen: 50.002 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. -0.000 min
 Lab File: VD078748.D
 Acq: 22 Mar 2024 17:38

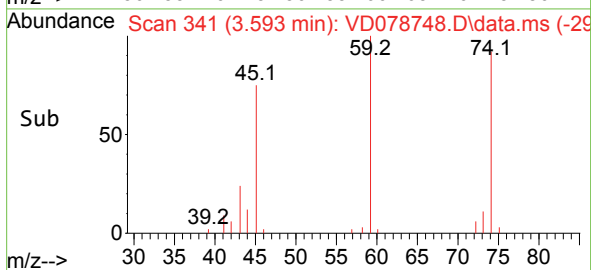
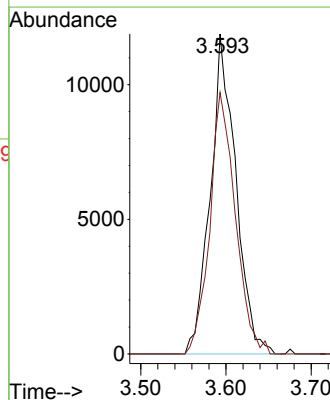
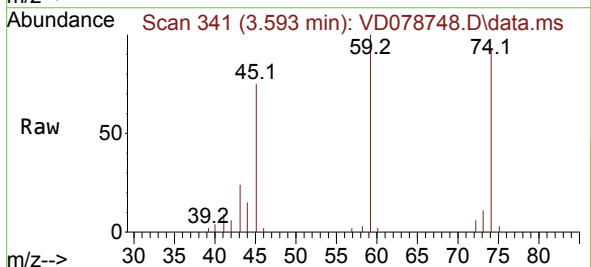
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

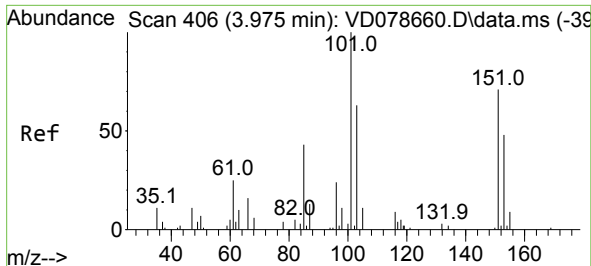
Tgt Ion:101 Resp: 85108
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.7 74.5



#8
 Diethyl Ether
 Concen: 49.627 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078748.D
 Acq: 22 Mar 2024 17:38

Tgt Ion: 74 Resp: 24663
 Ion Ratio Lower Upper
 74 100
 45 82.1 42.4 127.3

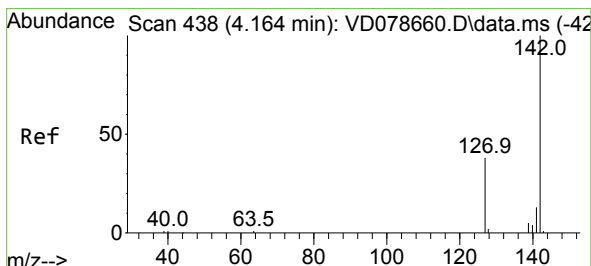
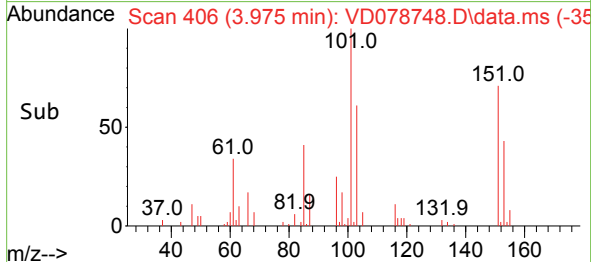
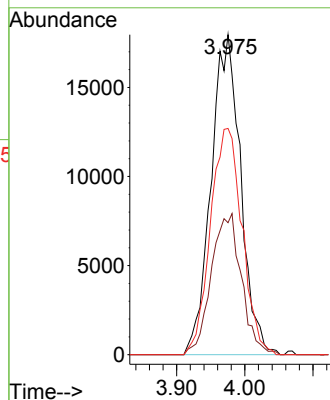
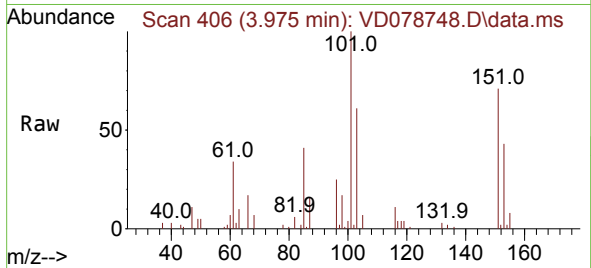




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.780 ug/l
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

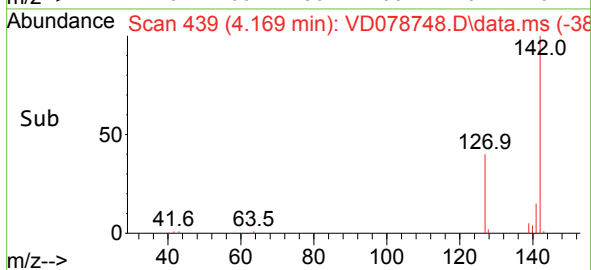
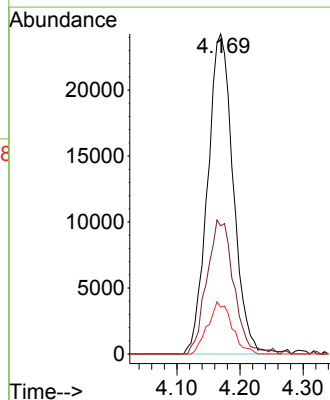
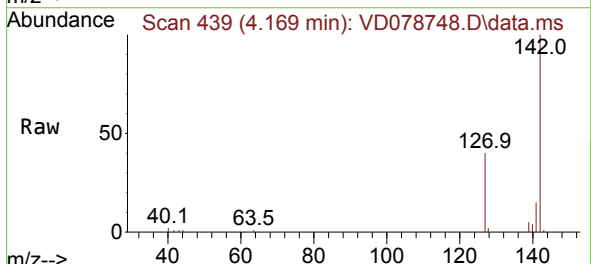
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

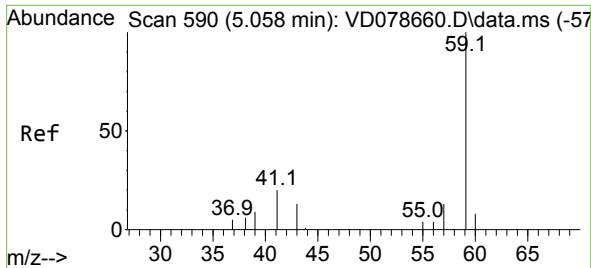
Tgt Ion:101 Resp: 54244
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 75.7 59.4 89.2



#10
Methyl Iodide
Concen: 54.061 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion:142 Resp: 68311
Ion Ratio Lower Upper
142 100
127 43.8 33.5 50.3
141 15.3 11.7 17.5

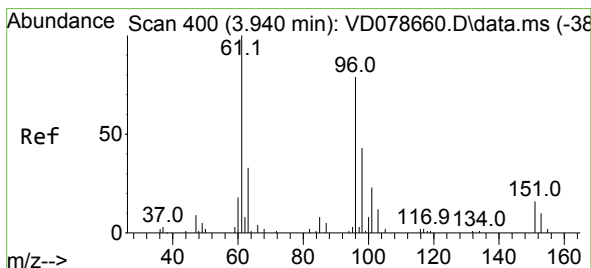
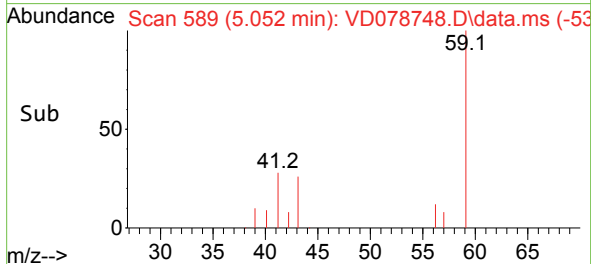
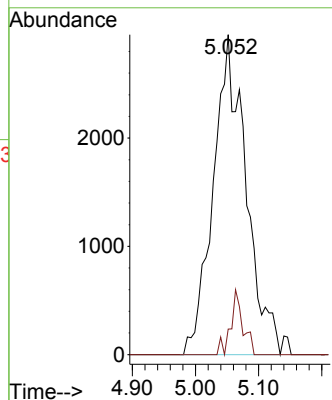
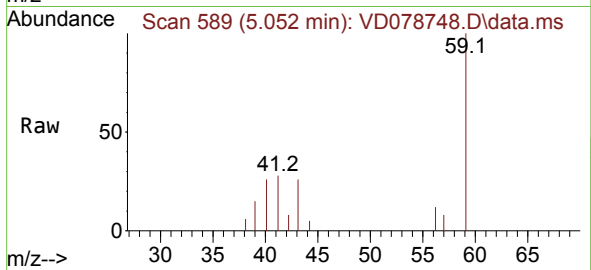




#11
Tert butyl alcohol
Concen: 255.687 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

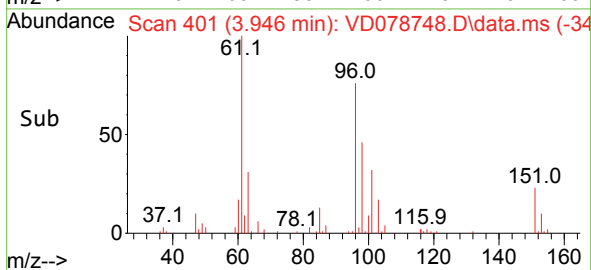
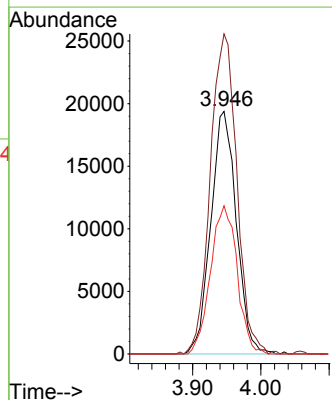
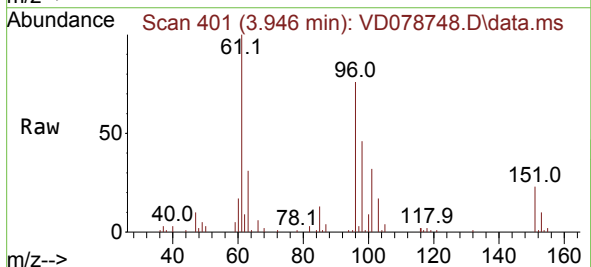
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

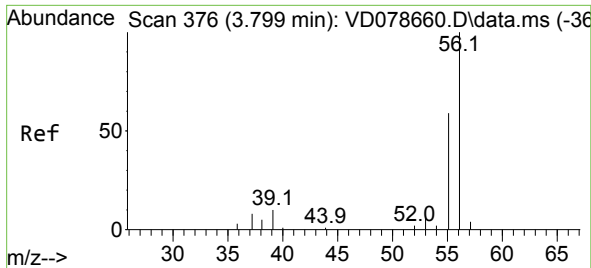
Tgt Ion: 59 Resp: 10643
Ion Ratio Lower Upper
59 100
57 7.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.805 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 96 Resp: 50576
Ion Ratio Lower Upper
96 100
61 131.9 101.4 152.0
98 61.1 43.4 65.0





#13

Acrolein

Concen: 176.489 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

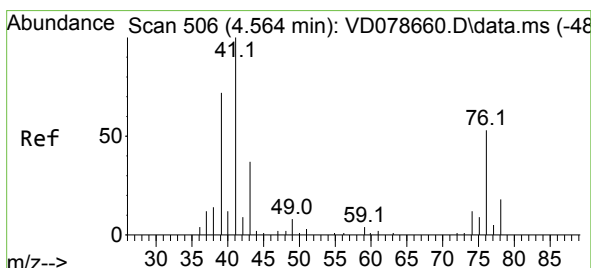
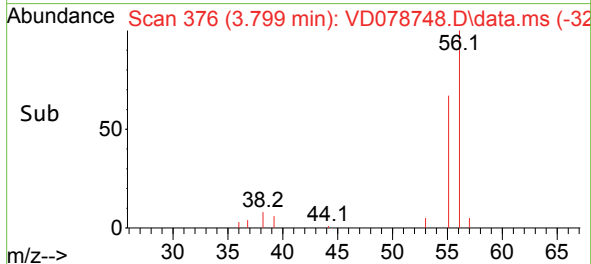
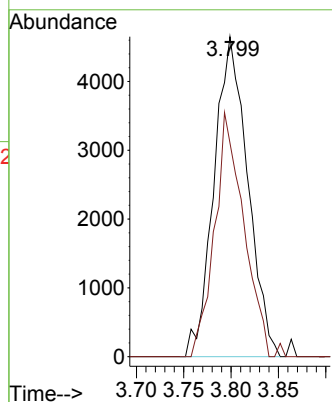
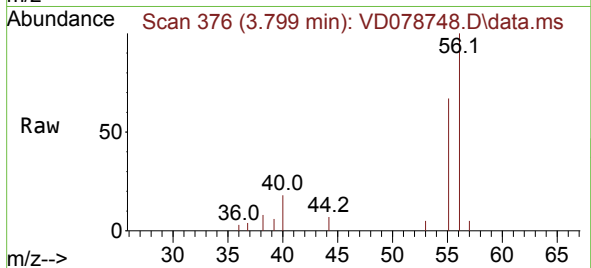
VSTDCCC050EC

Tgt Ion: 56 Resp: 11508

Ion Ratio Lower Upper

56 100

55 65.8 54.9 82.3



#14

Allyl chloride

Concen: 51.598 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

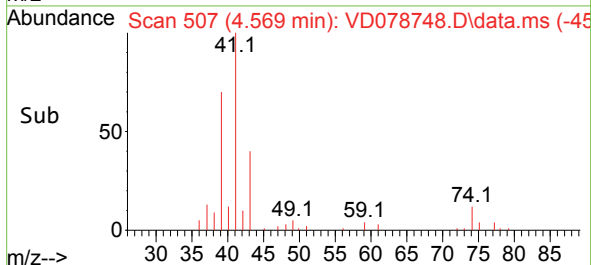
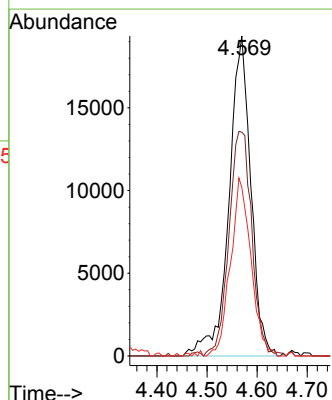
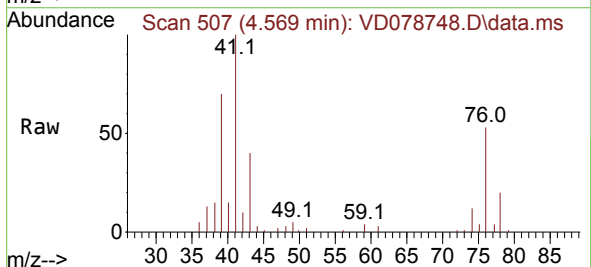
Tgt Ion: 41 Resp: 58465

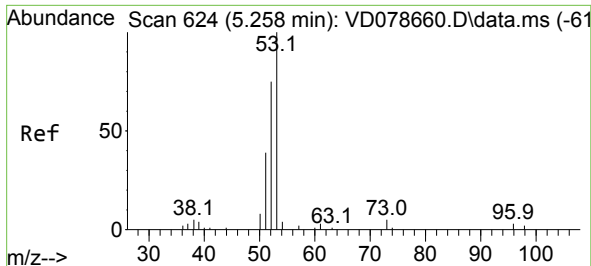
Ion Ratio Lower Upper

41 100

39 73.4 57.8 86.6

76 52.2 44.8 67.2





#15

Acrylonitrile

Concen: 268.818 ug/l

RT: 5.258 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

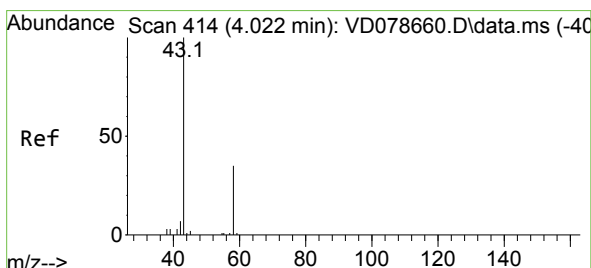
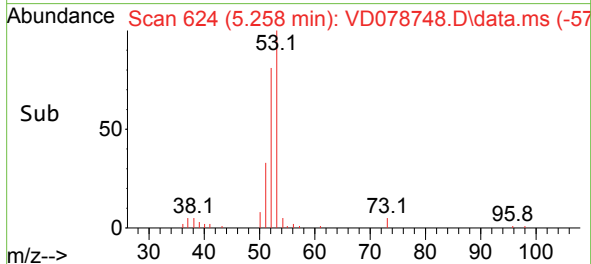
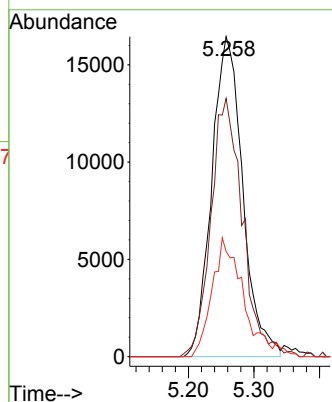
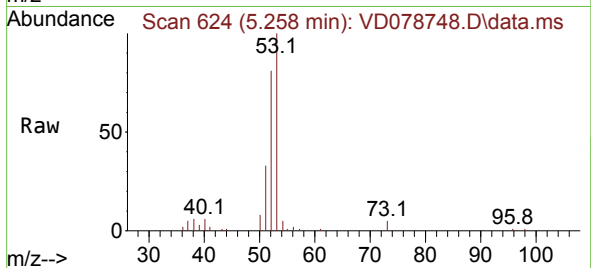
Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53	Resp: 53854
Ion Ratio	Lower Upper
53 100	
52 82.5	61.9 92.9
51 36.7	29.0 43.4



#16

Acetone

Concen: 254.993 ug/l

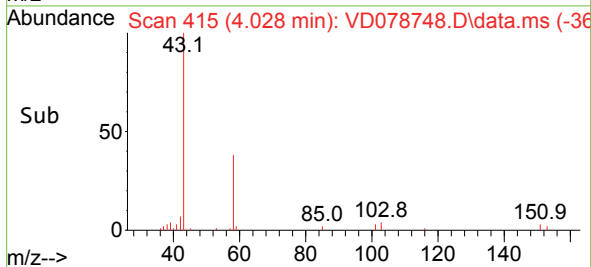
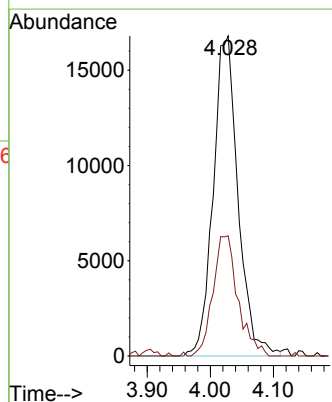
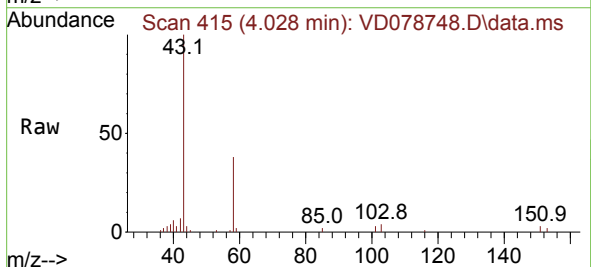
RT: 4.028 min Scan# 415

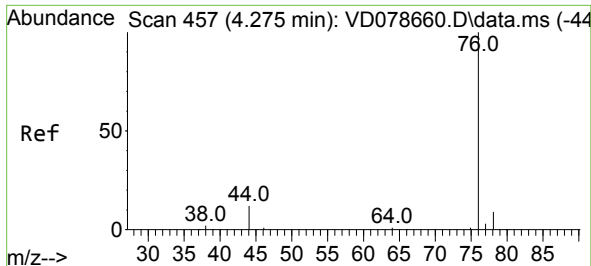
Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Tgt Ion: 43	Resp: 45863
Ion Ratio	Lower Upper
43 100	
58 37.6	28.2 42.4

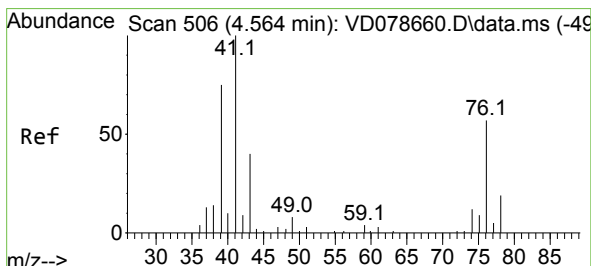
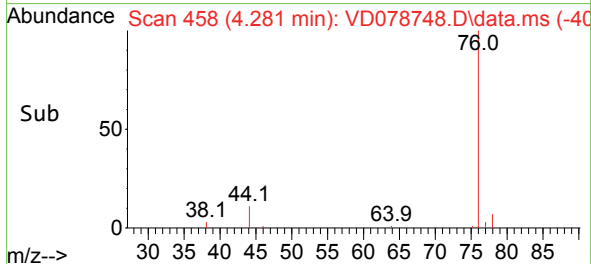
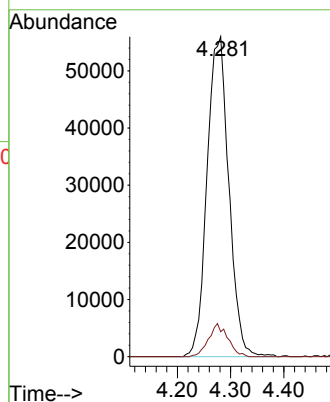
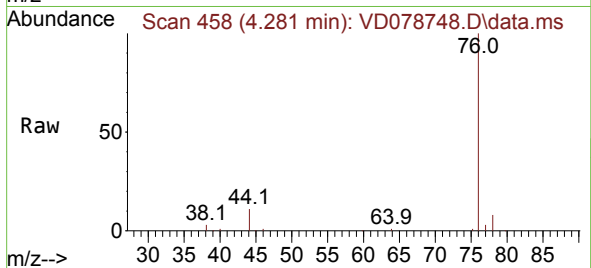




#17
Carbon Disulfide
Concen: 47.727 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

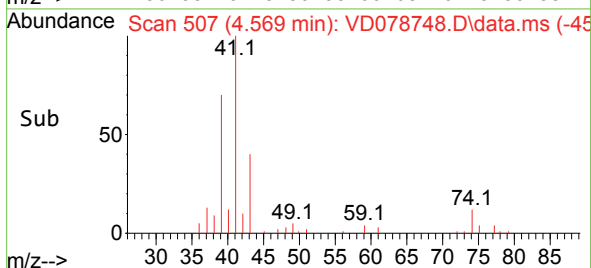
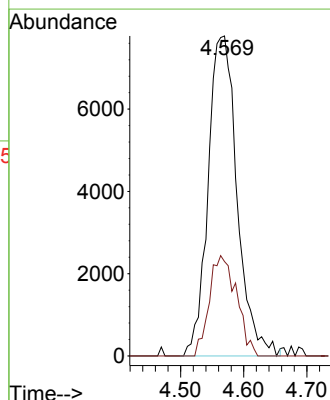
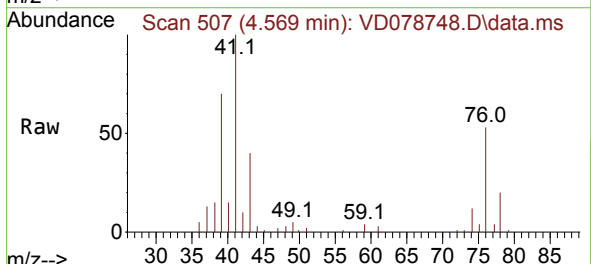
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

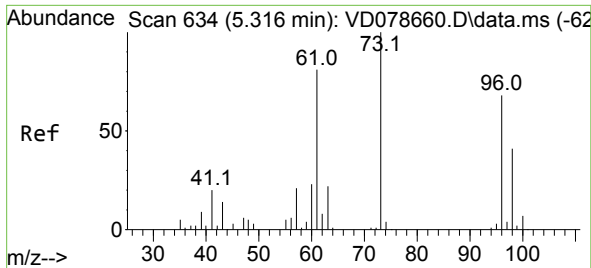
Tgt Ion: 76 Resp: 158882
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9



#18
Methyl Acetate
Concen: 64.385 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 43 Resp: 24852
Ion Ratio Lower Upper
43 100
74 29.4 25.3 37.9

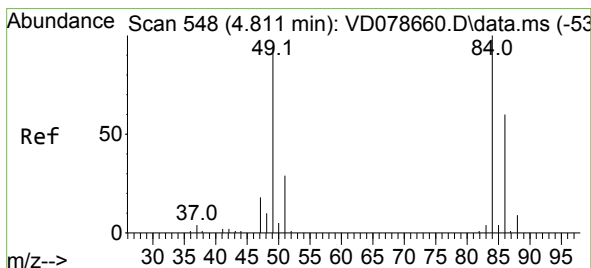
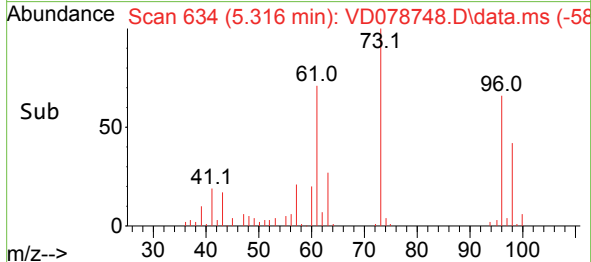
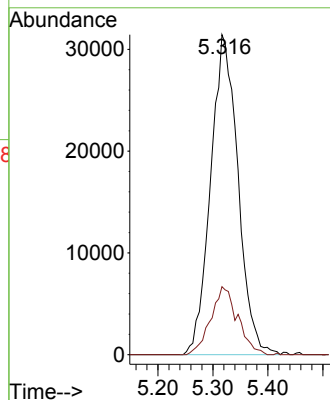
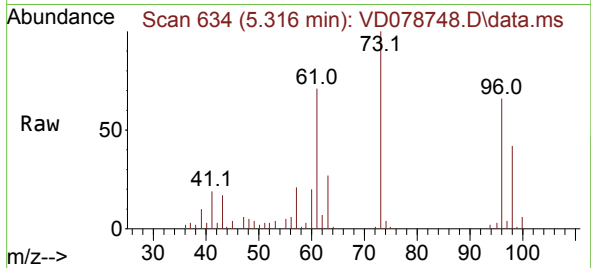




#19
Methyl tert-butyl Ether
Concen: 53.154 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

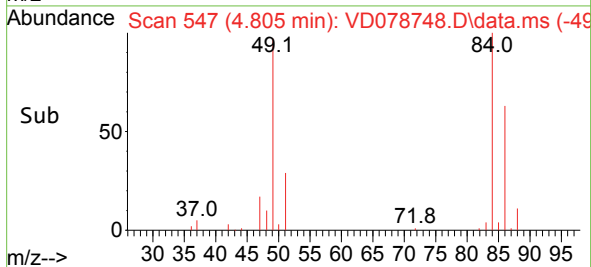
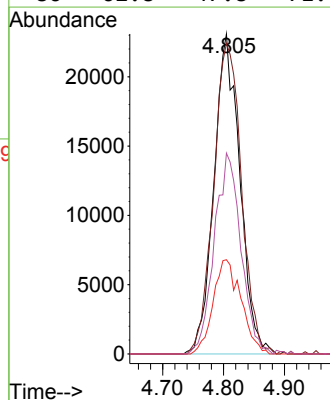
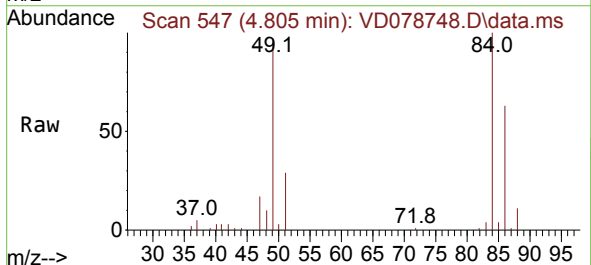
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

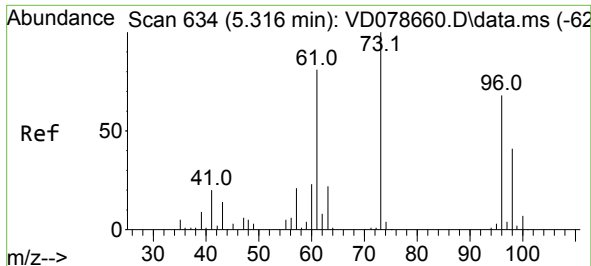
Tgt Ion: 73 Resp: 108853
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 56.293 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 84 Resp: 68276
Ion Ratio Lower Upper
84 100
49 97.1 75.6 113.4
51 29.4 23.4 35.0
86 62.8 47.8 71.6





#21

trans-1,2-Dichloroethene

Concen: 53.193 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

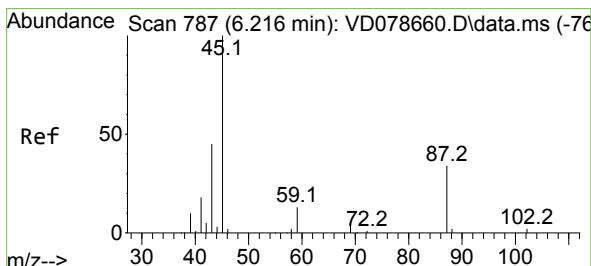
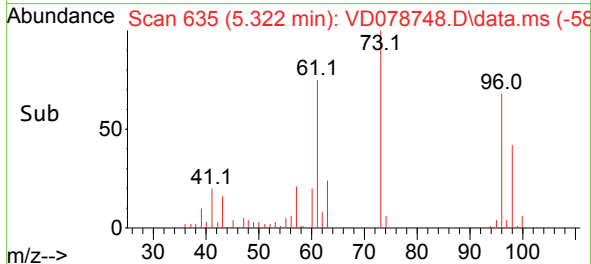
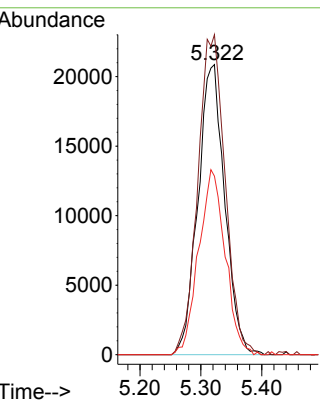
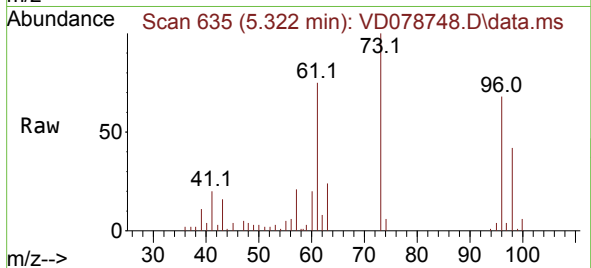
Tgt Ion: 96 Resp: 63737

Ion Ratio Lower Upper

96 100

61 110.3 96.1 144.1

98 61.5 48.9 73.3



#22

Diisopropyl ether

Concen: 55.467 ug/l

RT: 6.216 min Scan# 787

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Tgt Ion: 45 Resp: 142890

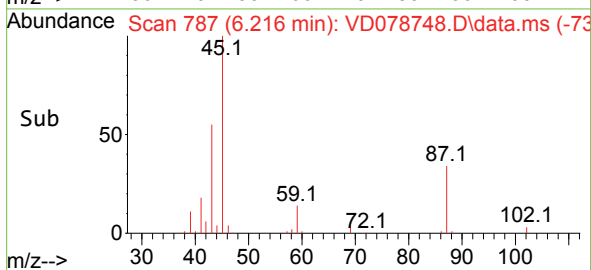
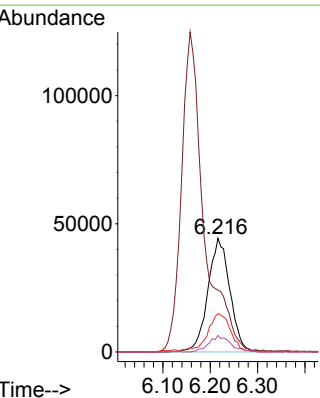
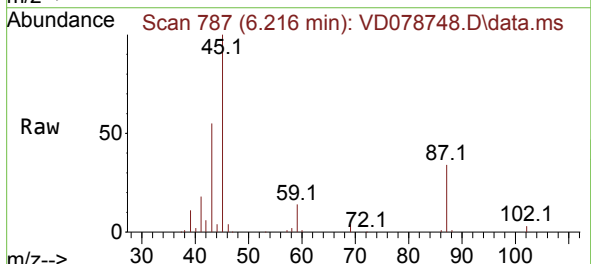
Ion Ratio Lower Upper

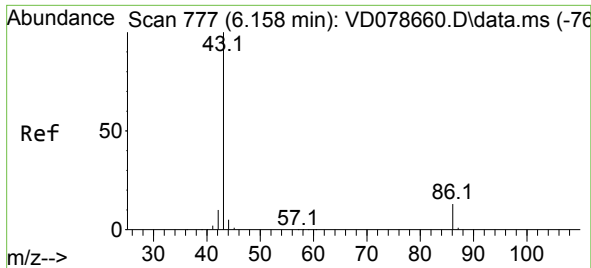
45 100

43 53.7 44.3 66.5

87 33.8 28.3 42.5

59 14.5 11.3 16.9

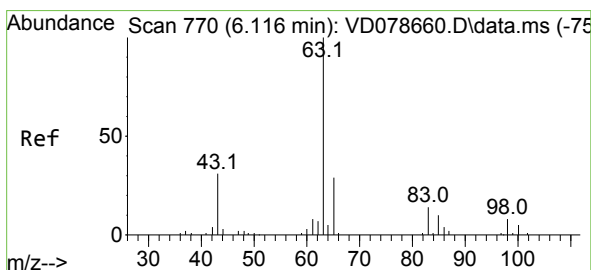
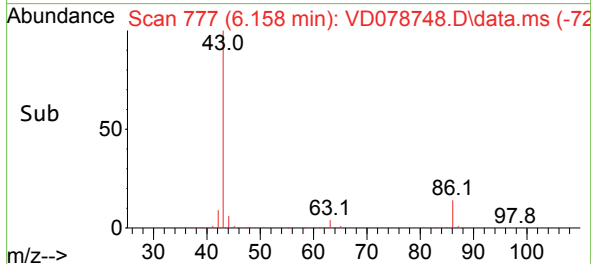
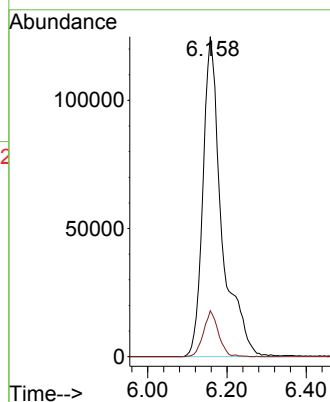
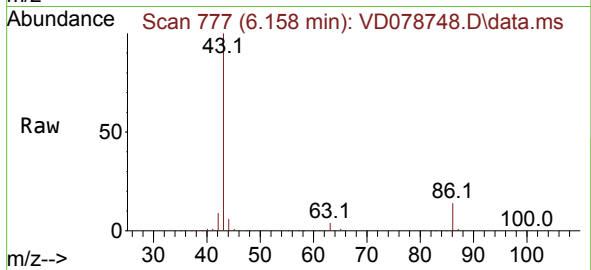




#23
 Vinyl Acetate
 Concen: 273.364 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD078748.D
 Acq: 22 Mar 2024 17:38

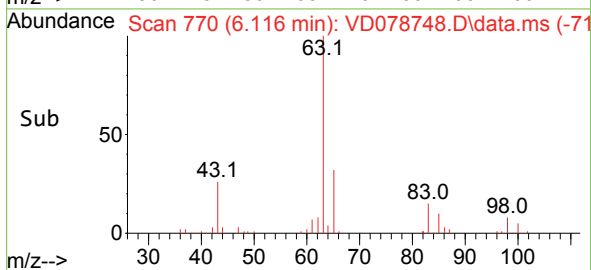
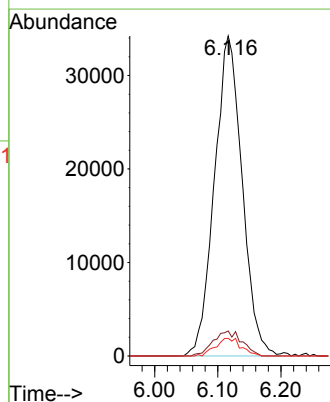
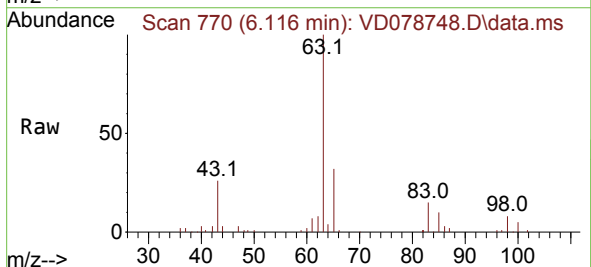
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

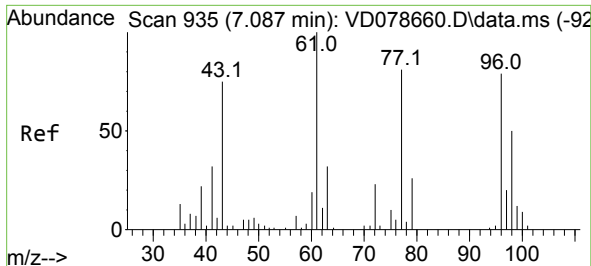
Tgt Ion: 43 Resp: 411930
 Ion Ratio Lower Upper
 43 100
 86 14.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 53.931 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078748.D
 Acq: 22 Mar 2024 17:38

Tgt Ion: 63 Resp: 104164
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.5 2.7 8.1

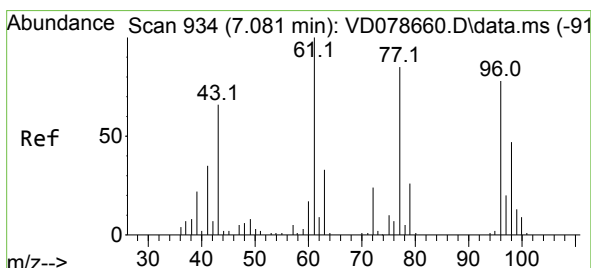
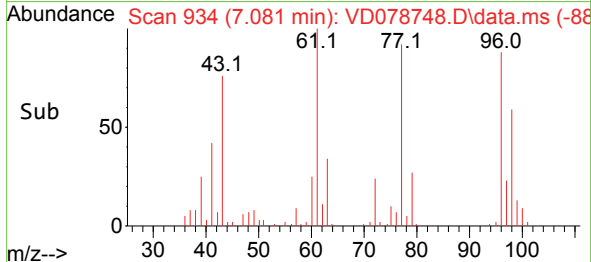
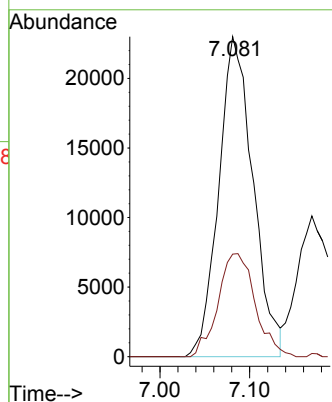
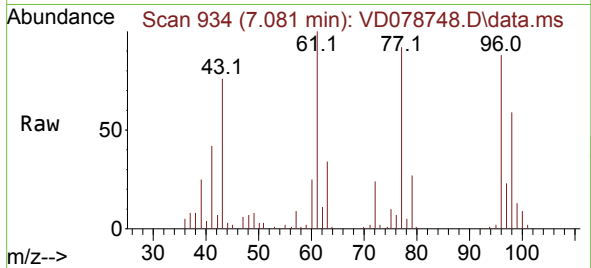




#25
2-Butanone
Concen: 255.093 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

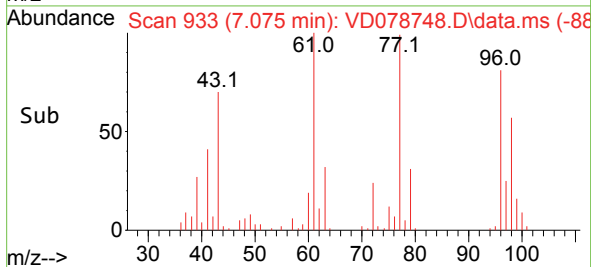
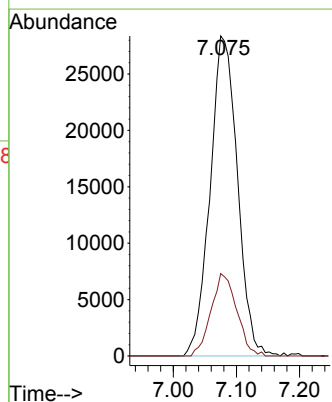
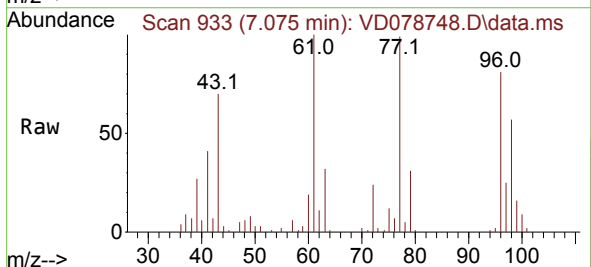
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

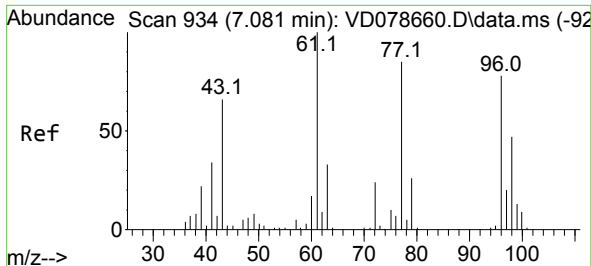
Tgt Ion: 43 Resp: 60999
Ion Ratio Lower Upper
43 100
72 32.1 25.0 37.6



#26
2,2-Dichloropropane
Concen: 52.181 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 77 Resp: 85269
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 54.244 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

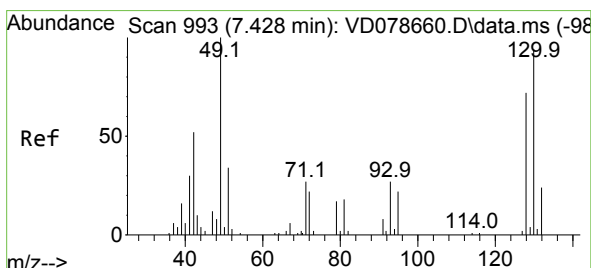
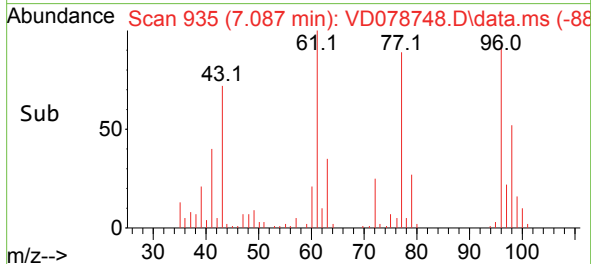
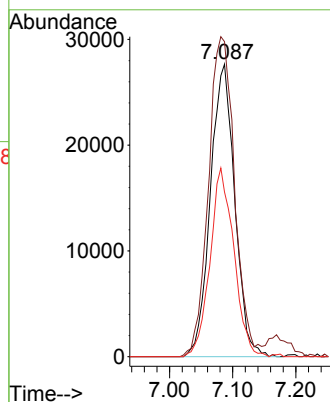
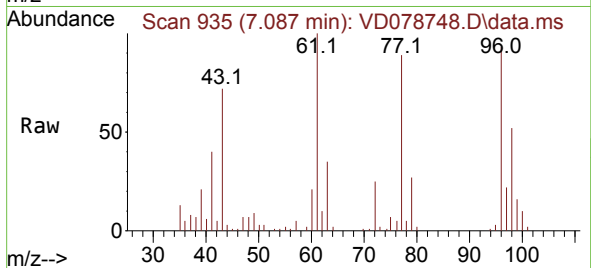
Tgt Ion: 96 Resp: 74133

Ion Ratio Lower Upper

96 100

61 117.5 0.0 245.0

98 63.1 0.0 126.6



#28

Bromochloromethane

Concen: 60.605 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

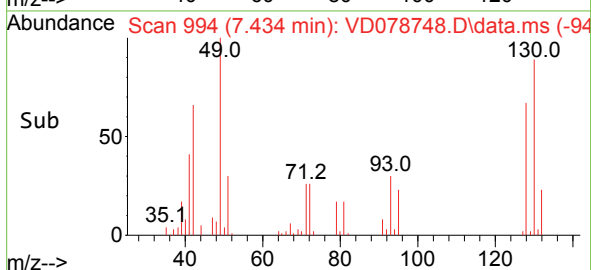
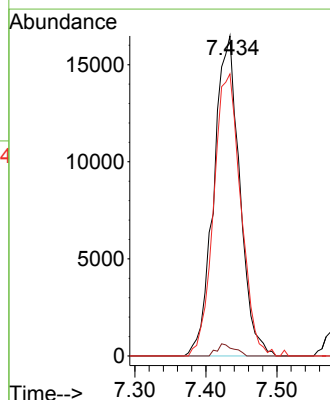
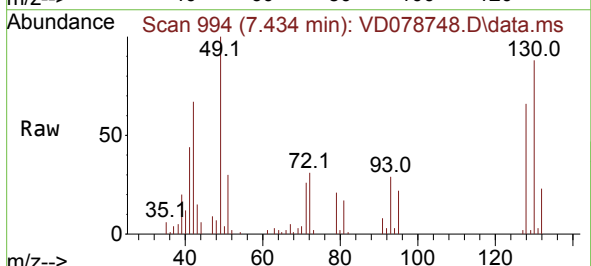
Tgt Ion: 49 Resp: 41732

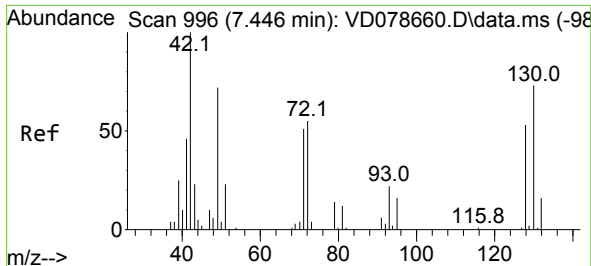
Ion Ratio Lower Upper

49 100

129 2.5 0.0 6.2

130 92.3 77.1 115.7





#29

Tetrahydrofuran

Concen: 282.052 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

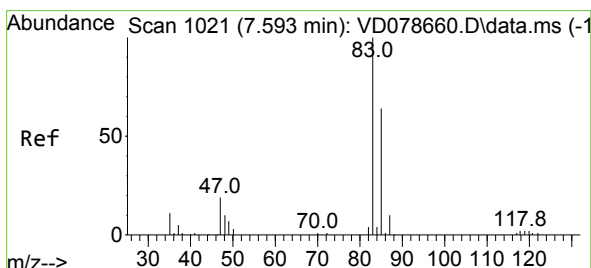
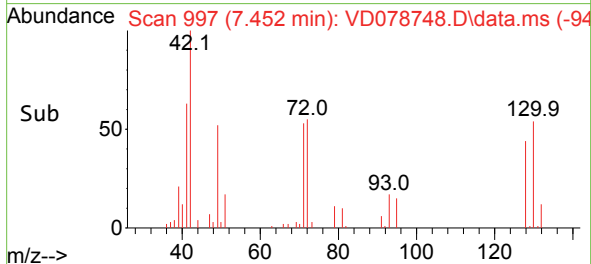
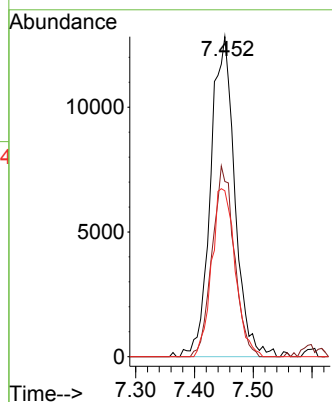
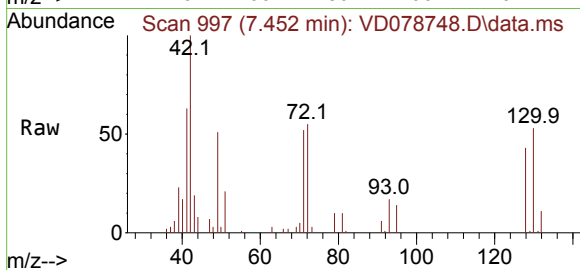
Tgt Ion: 42 Resp: 36684

Ion Ratio Lower Upper

42 100

72 54.4 43.8 65.6

71 51.0 42.0 63.0



#30

Chloroform

Concen: 54.658 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078748.D

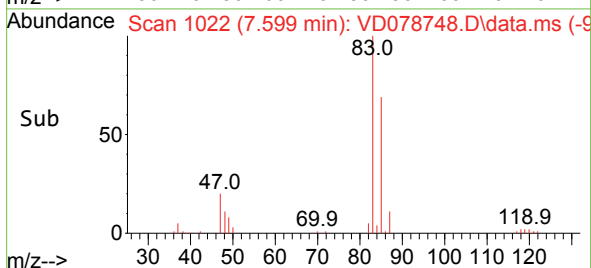
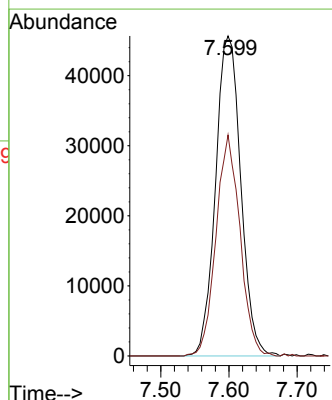
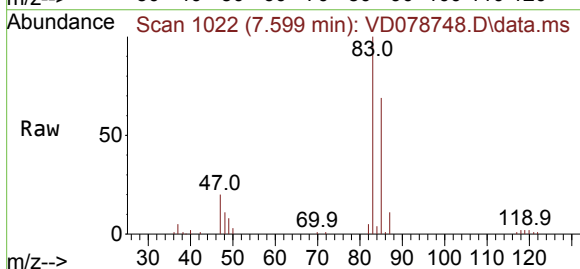
Acq: 22 Mar 2024 17:38

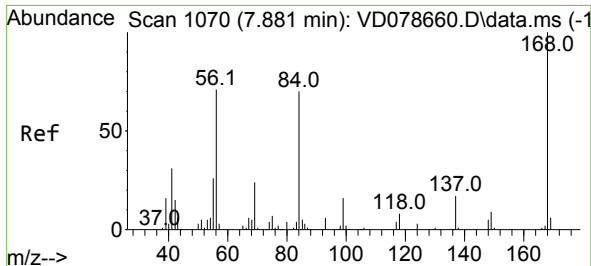
Tgt Ion: 83 Resp: 117707

Ion Ratio Lower Upper

83 100

85 69.1 51.2 76.8





#31

Cyclohexane

Concen: 47.123 ug/l

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

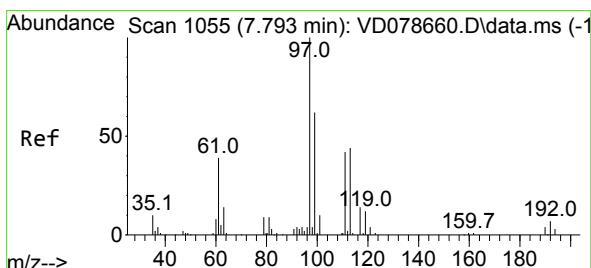
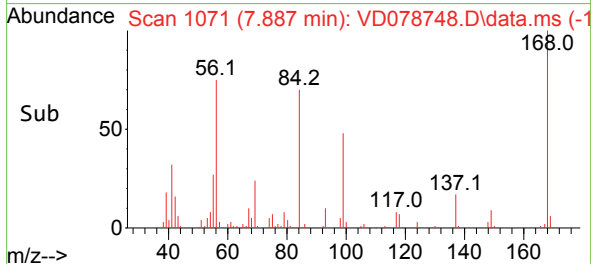
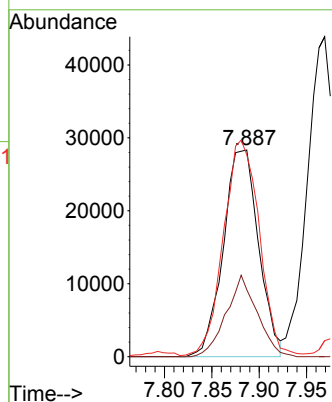
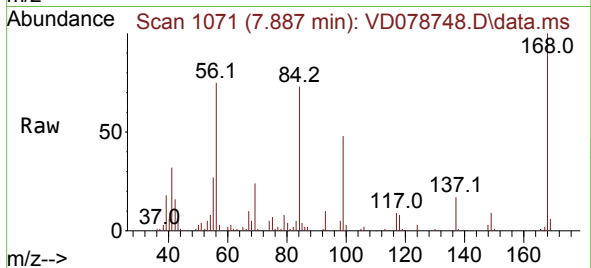
Tgt Ion: 56 Resp: 73670

Ion Ratio Lower Upper

56 100

69 32.5 26.6 40.0

84 97.2 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 52.616 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

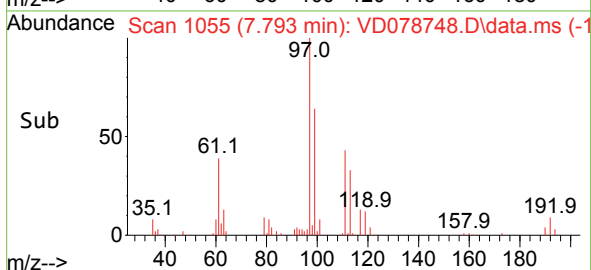
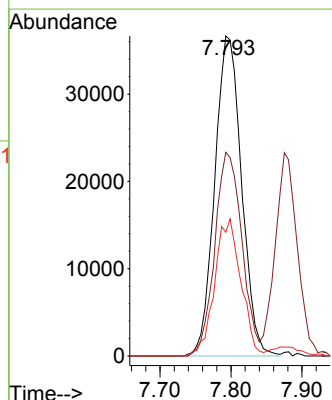
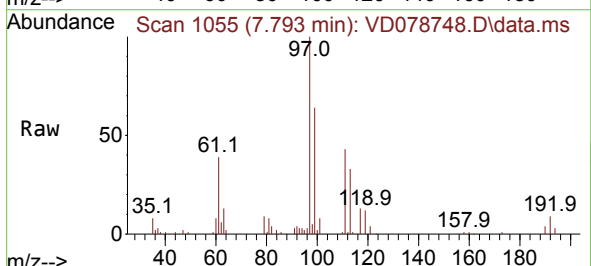
Tgt Ion: 97 Resp: 96137

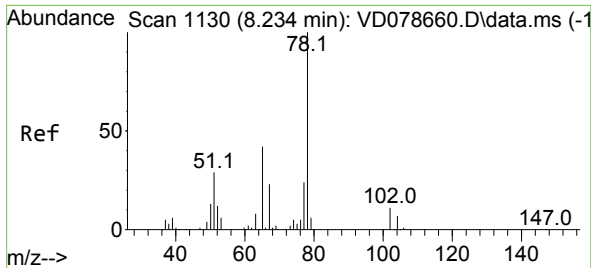
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 41.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 49.563 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

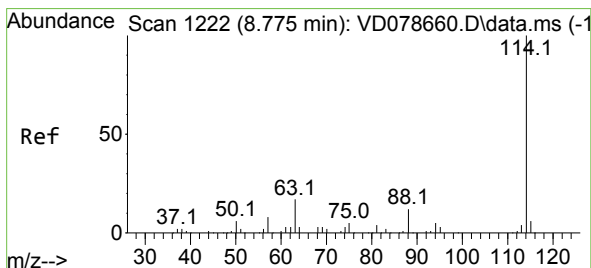
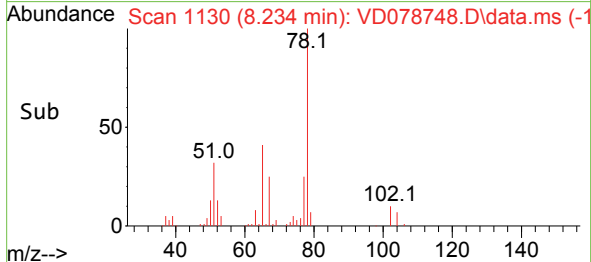
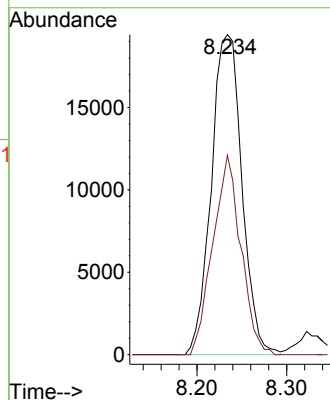
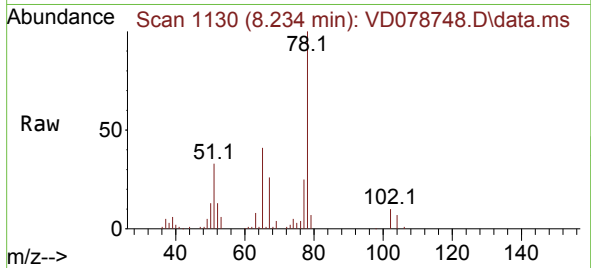
VSTDCCC050EC

Tgt Ion: 65 Resp: 46099

Ion Ratio Lower Upper

65 100

67 57.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

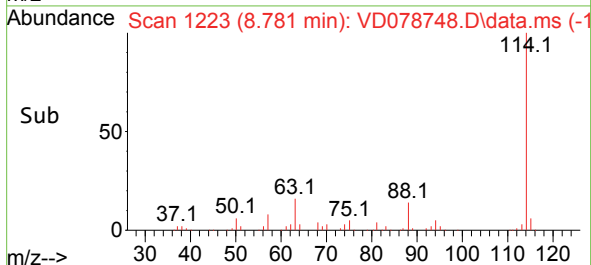
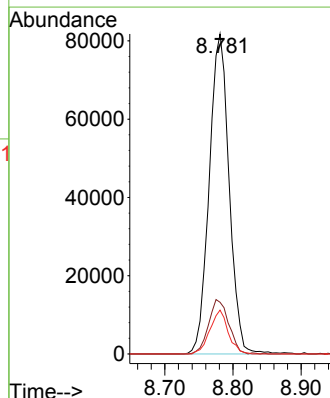
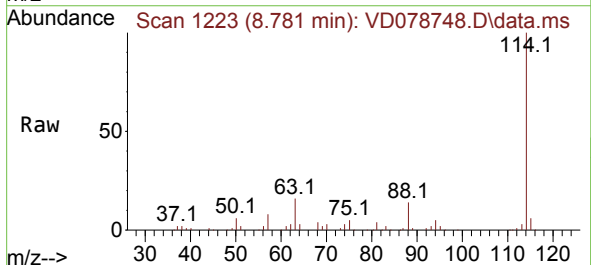
Tgt Ion: 114 Resp: 166165

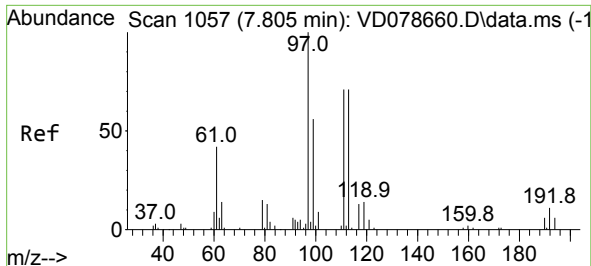
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 13.7 0.0 24.6





#35

Dibromofluoromethane

Concen: 49.512 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

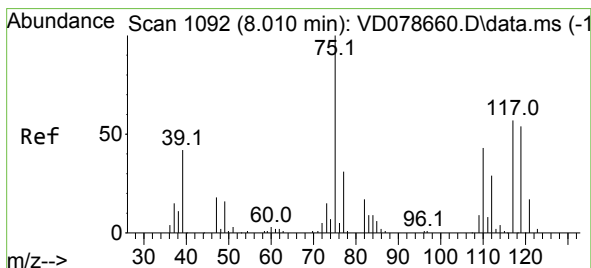
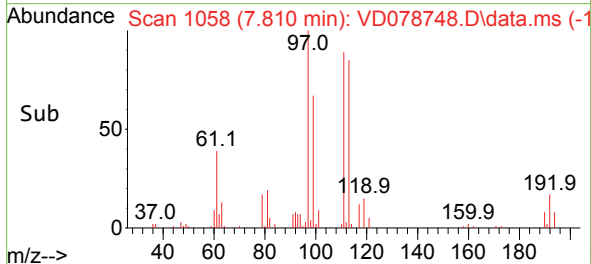
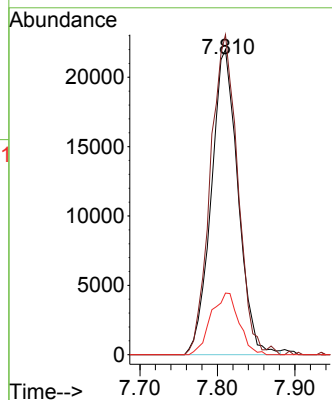
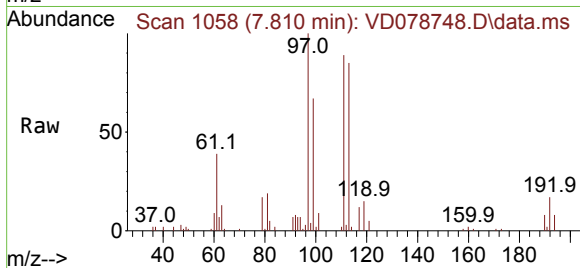
Tgt Ion:113 Resp: 52970

Ion Ratio Lower Upper

113 100

111 106.5 81.9 122.9

192 21.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 54.162 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

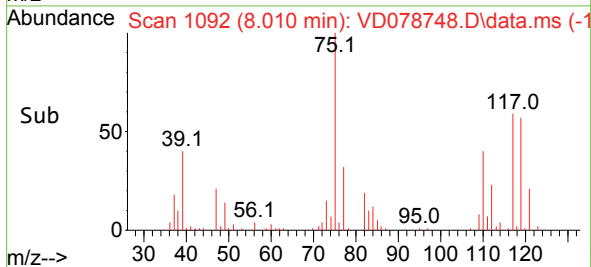
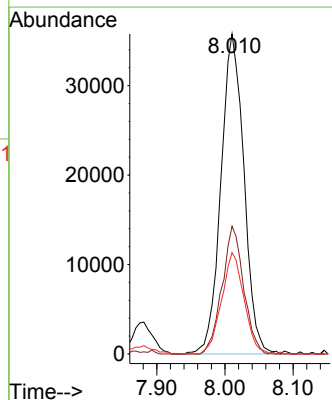
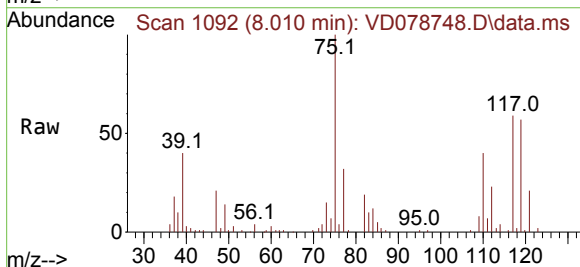
Tgt Ion: 75 Resp: 84075

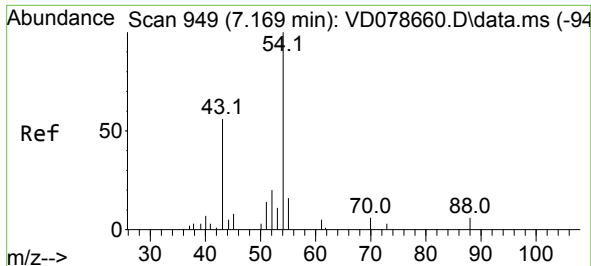
Ion Ratio Lower Upper

75 100

110 37.4 19.1 57.1

77 30.8 25.4 38.2





#37

Ethyl Acetate

Concen: 54.260 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

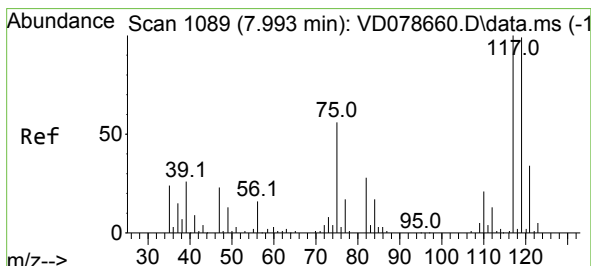
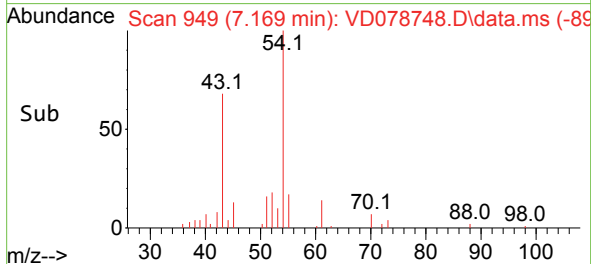
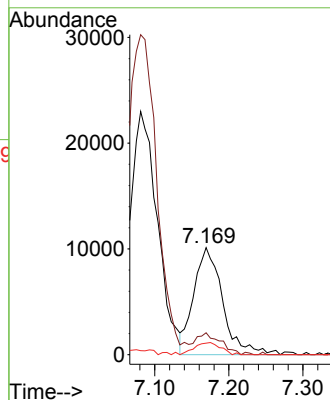
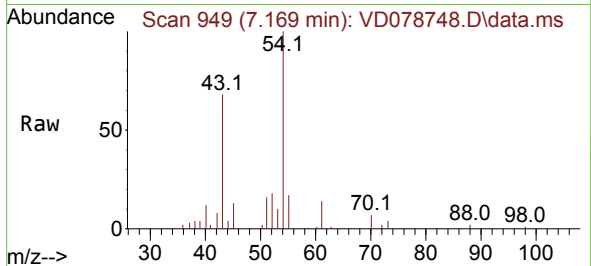
Tgt Ion: 43 Resp: 27516

Ion Ratio Lower Upper

43 100

61 17.9 14.6 21.8

70 10.6 9.4 14.0



#38

Carbon Tetrachloride

Concen: 53.338 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

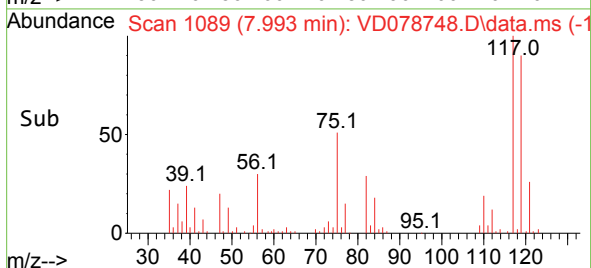
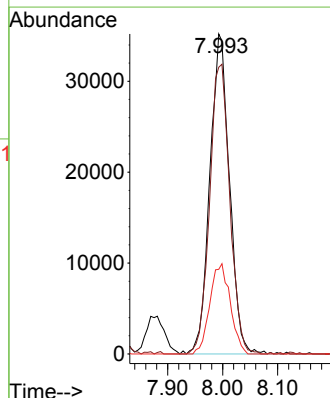
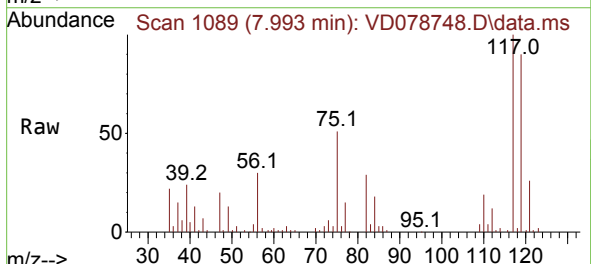
Tgt Ion:117 Resp: 87286

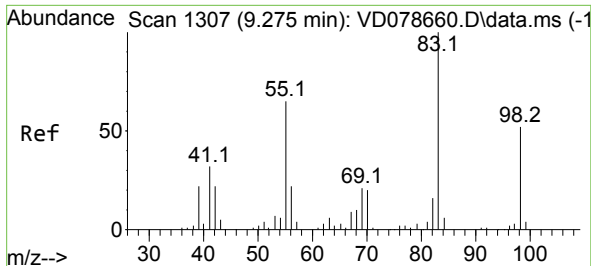
Ion Ratio Lower Upper

117 100

119 89.6 79.2 118.8

121 26.5 26.8 40.2#





#39

Methylcyclohexane

Concen: 51.678 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

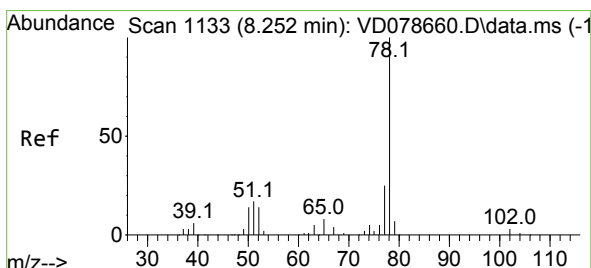
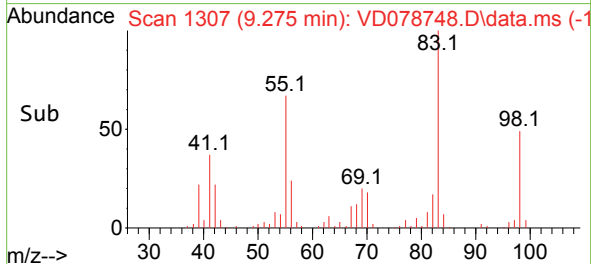
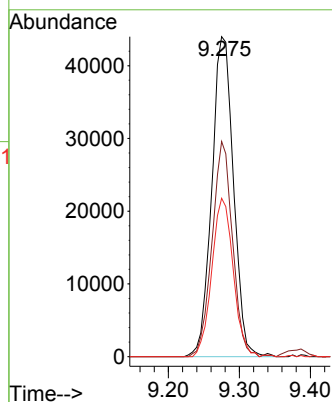
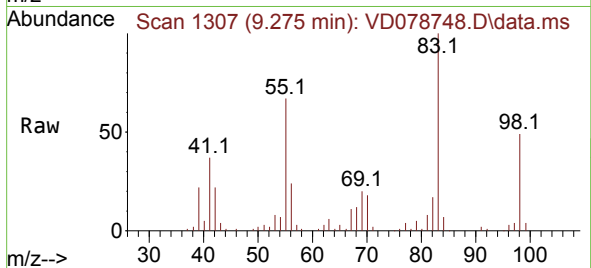
Tgt Ion: 83 Resp: 93057

Ion Ratio Lower Upper

83 100

55 67.2 51.7 77.5

98 49.5 41.4 62.0



#40

Benzene

Concen: 54.004 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078748.D

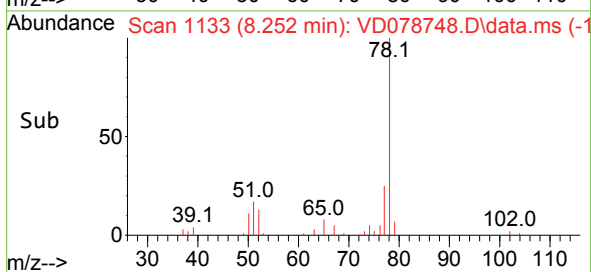
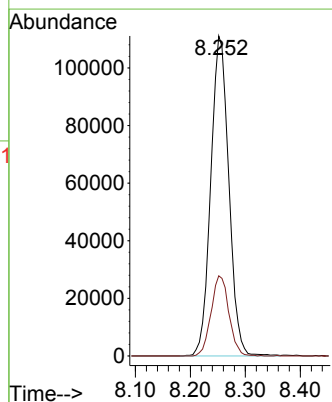
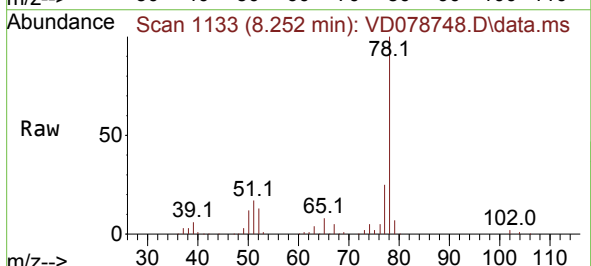
Acq: 22 Mar 2024 17:38

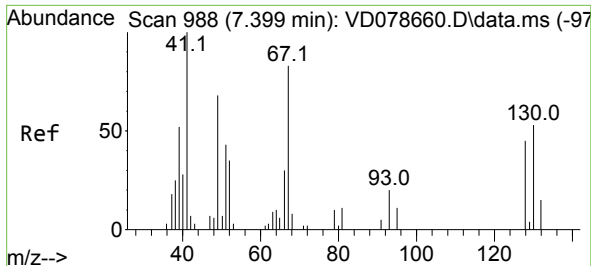
Tgt Ion: 78 Resp: 253406

Ion Ratio Lower Upper

78 100

77 25.1 20.4 30.6

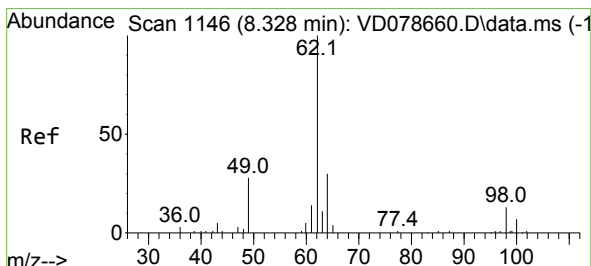
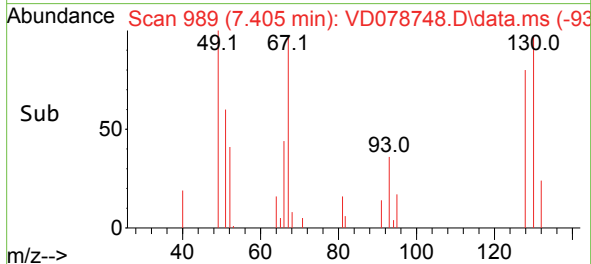
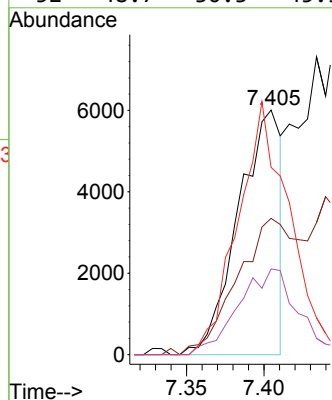
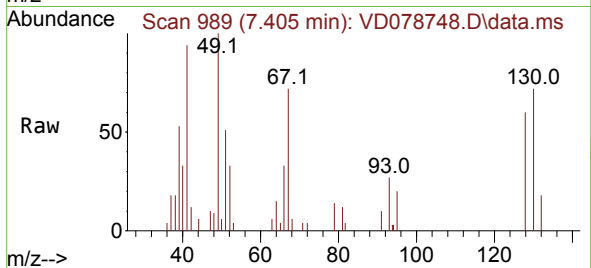




#41
Methacrylonitrile
Concen: 43.650 ug/l
RT: 7.405 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

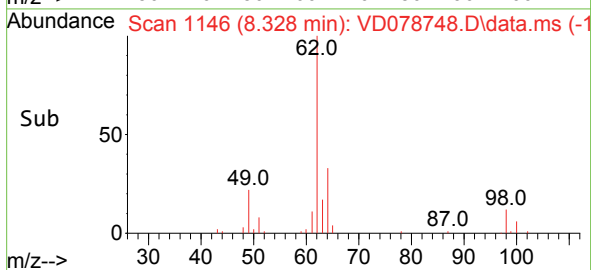
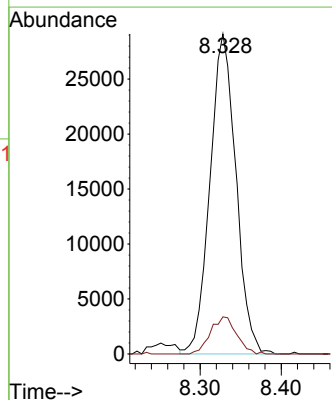
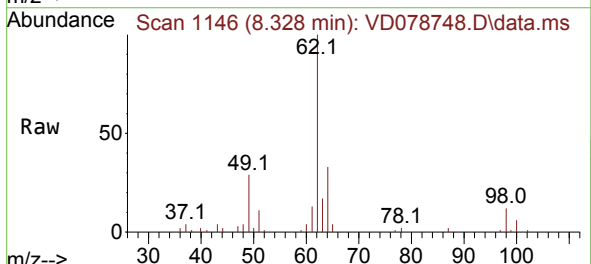
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

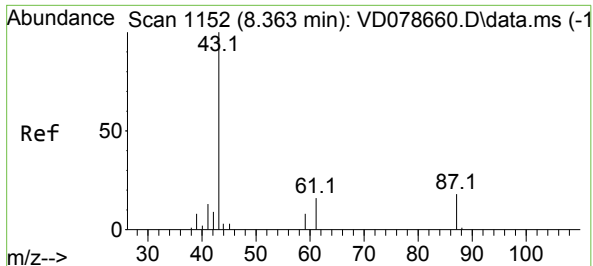
Tgt Ion: 41 Resp: 11600
Ion Ratio Lower Upper
41 100
39 84.3 39.8 59.6#
67 123.9 83.5 125.3
52 48.7 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 56.501 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 62 Resp: 64655
Ion Ratio Lower Upper
62 100
98 11.6 0.0 23.8

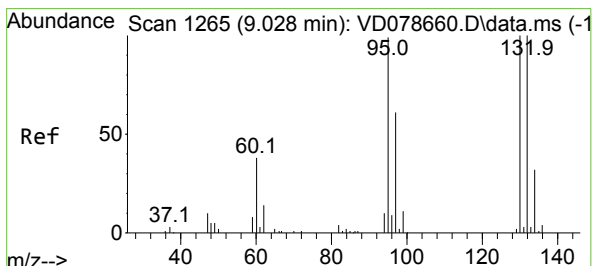
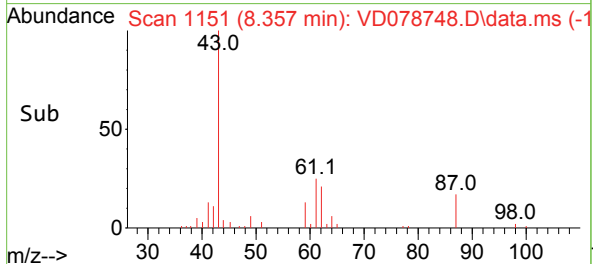
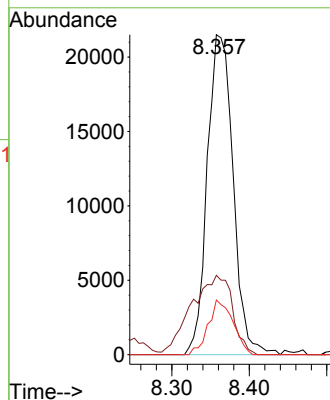
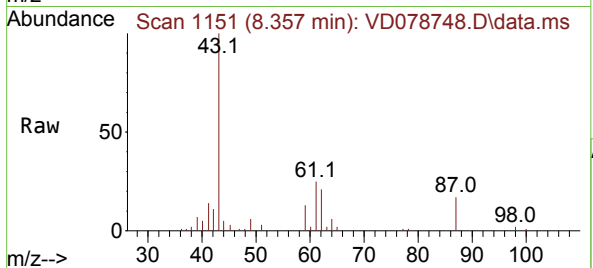




#43
Isopropyl Acetate
Concen: 54.048 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

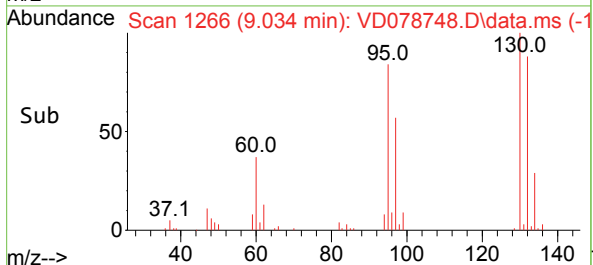
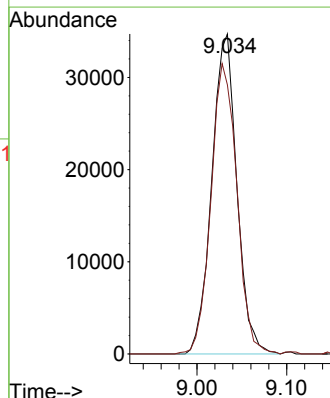
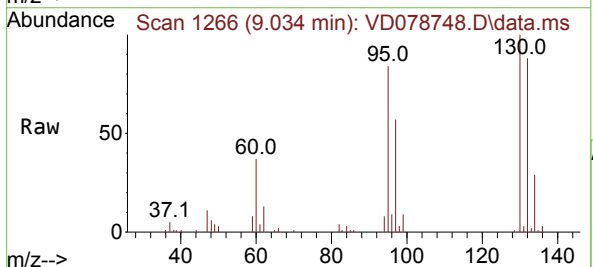
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

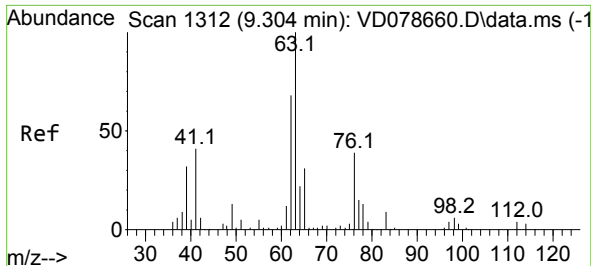
Tgt Ion: 43	Resp: 49845
Ion Ratio	Lower Upper
43	100
61	39.2 30.1 45.1
87	16.4 14.4 21.6



#44
Trichloroethene
Concen: 52.932 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 130	Resp: 67405
Ion Ratio	Lower Upper
130	100
95	84.1 0.0 197.8

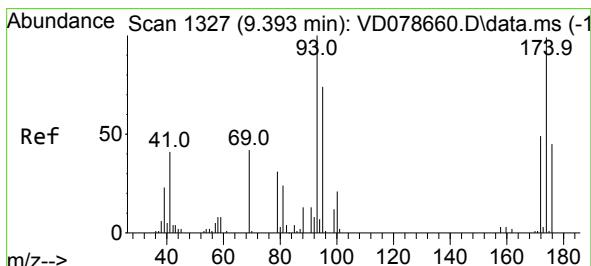
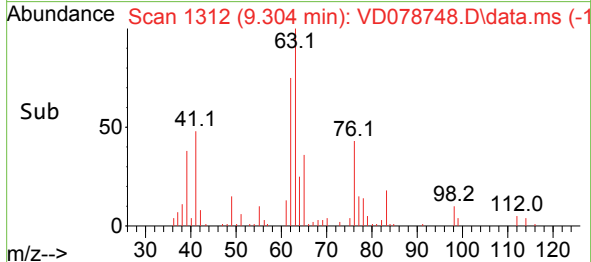
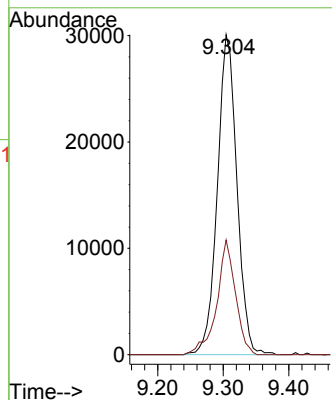
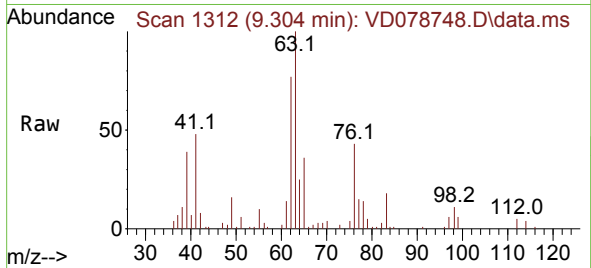




#45
1,2-Dichloropropane
Concen: 55.908 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

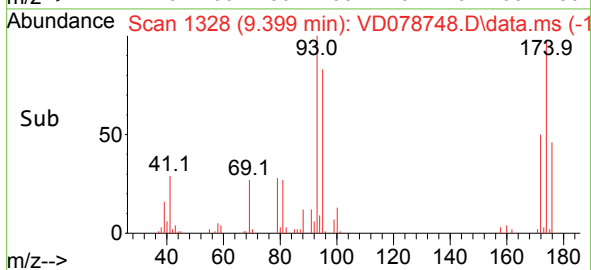
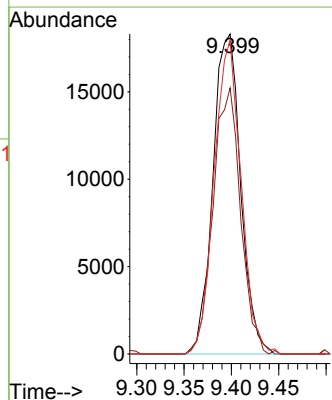
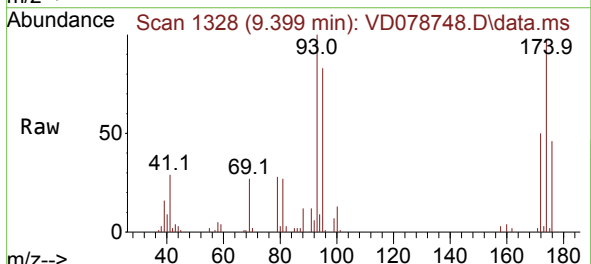
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

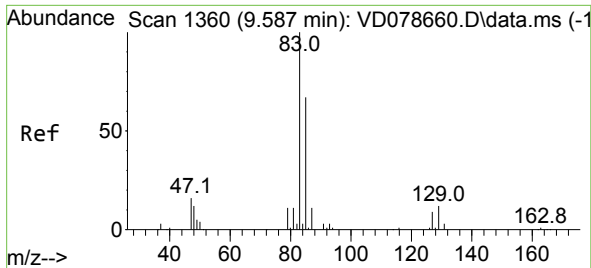
Tgt Ion: 63 Resp: 62232
Ion Ratio Lower Upper
63 100
65 35.9 24.8 37.2



#46
Dibromomethane
Concen: 55.860 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 93 Resp: 37273
Ion Ratio Lower Upper
93 100
95 82.7 67.3 100.9
174 95.0 80.9 121.3

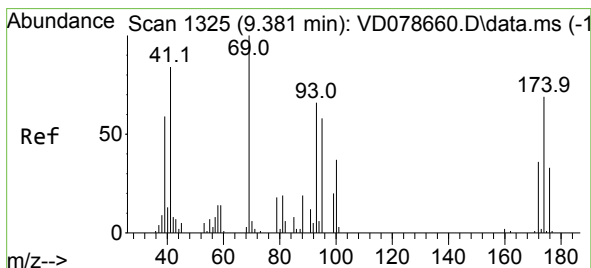
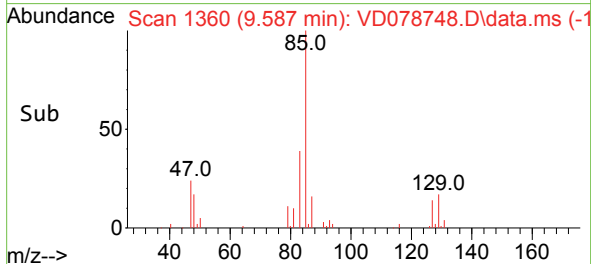
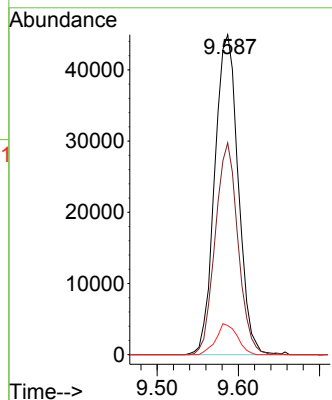
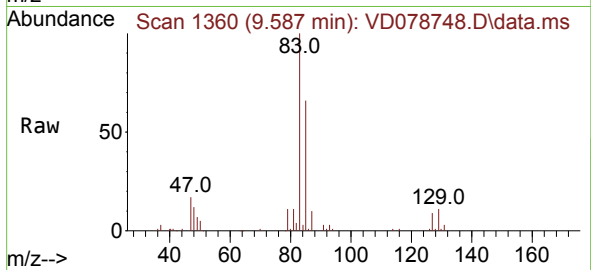




#47
Bromodichloromethane
Concen: 56.855 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

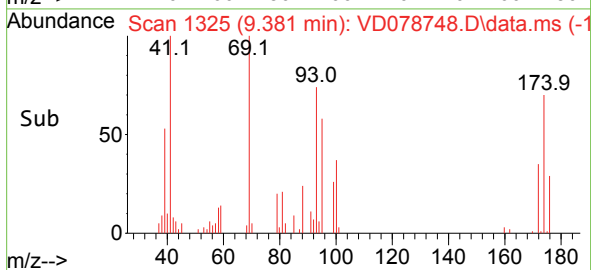
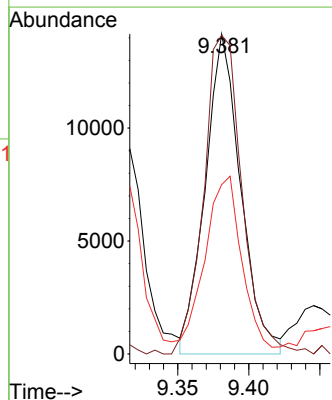
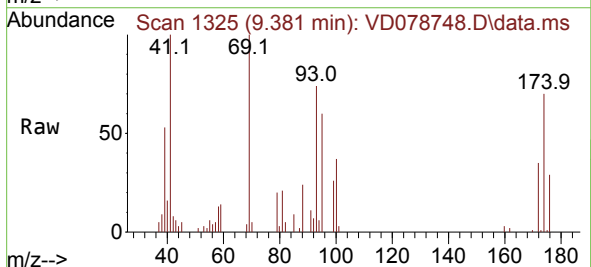
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

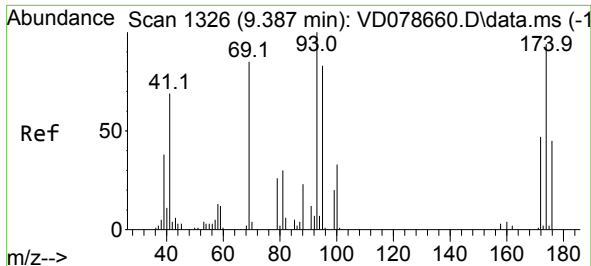
Tgt Ion:	83	Resp:	90313
Ion	Ratio	Lower	Upper
83	100		
85	66.2	54.0	81.0
127	9.1	7.1	10.7



#48
Methyl methacrylate
Concen: 54.729 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion:	41	Resp:	24593
Ion	Ratio	Lower	Upper
41	100		
69	107.7	88.3	132.5
39	59.4	46.6	69.8





#49

1,4-Dioxane

Concen: 1086.094 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

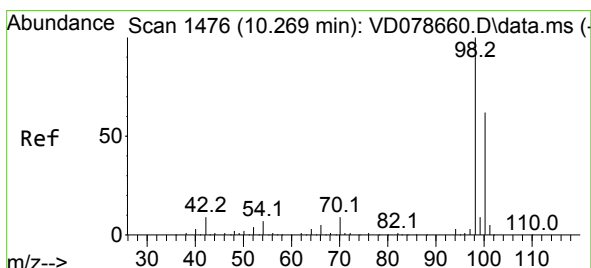
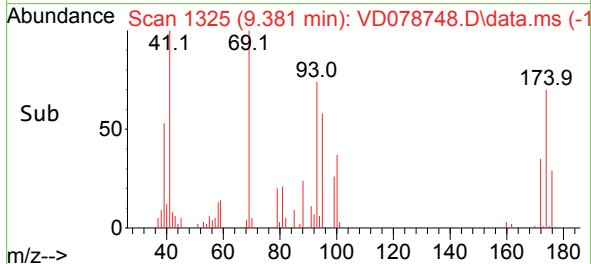
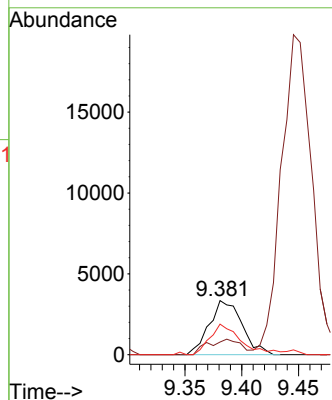
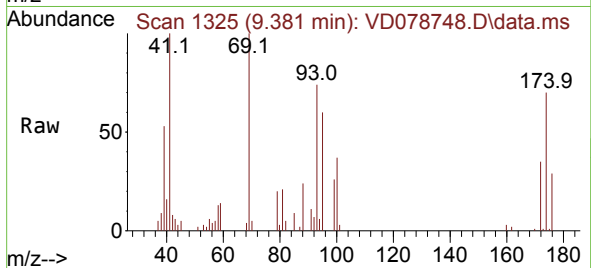
Tgt Ion: 88 Resp: 6710

Ion Ratio Lower Upper

88 100

43 28.4 23.2 34.8

58 53.2 51.0 76.6



#50

Toluene-d8

Concen: 51.387 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078748.D

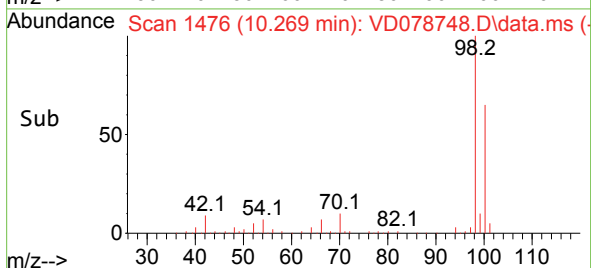
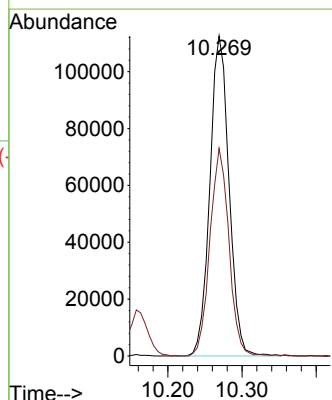
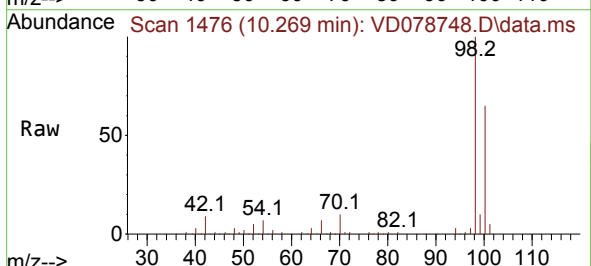
Acq: 22 Mar 2024 17:38

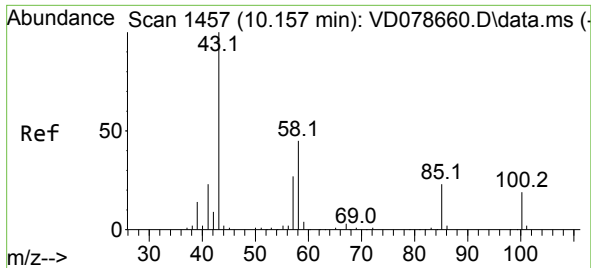
Tgt Ion: 98 Resp: 202185

Ion Ratio Lower Upper

98 100

100 64.3 50.5 75.7

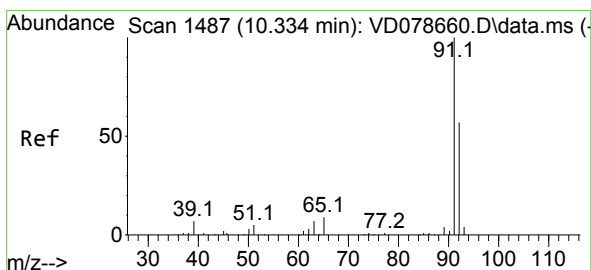
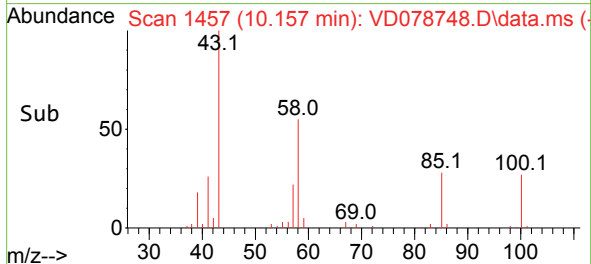
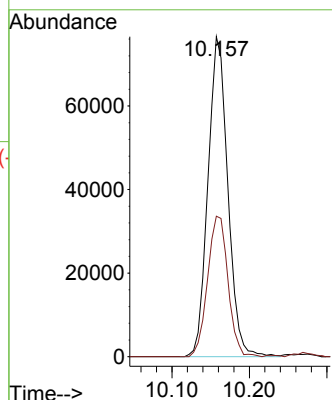
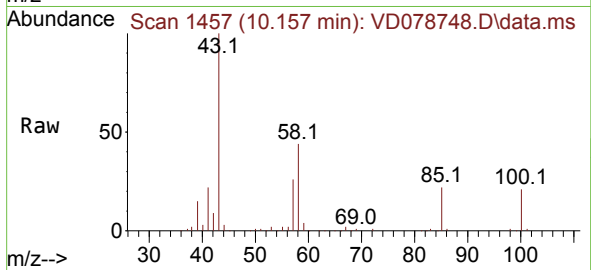




#51
4-Methyl-2-Pentanone
Concen: 283.482 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

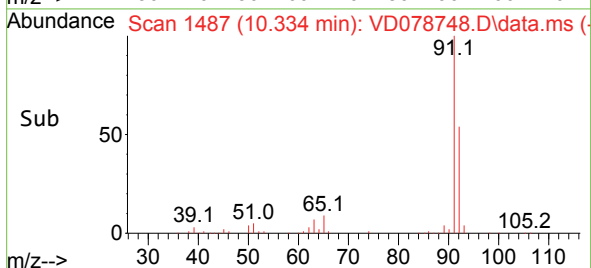
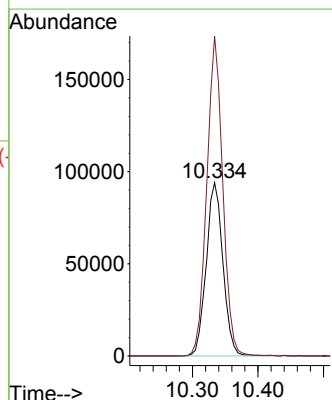
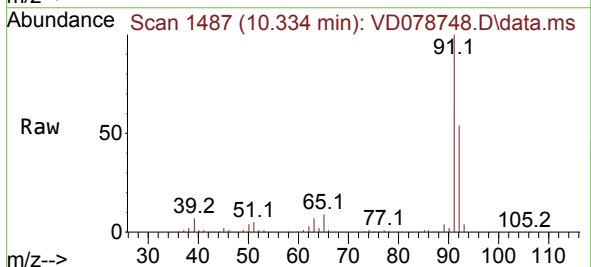
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

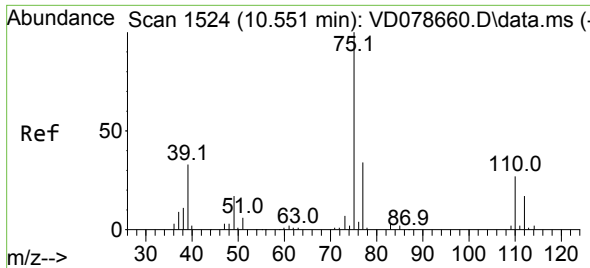
Tgt Ion: 43 Resp: 136677
Ion Ratio Lower Upper
43 100
58 45.0 36.4 54.6



#52
Toluene
Concen: 55.261 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 92 Resp: 166943
Ion Ratio Lower Upper
92 100
91 175.9 136.6 205.0

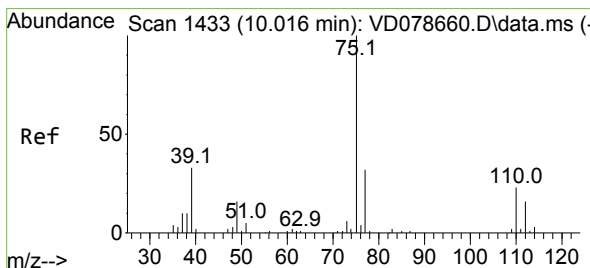
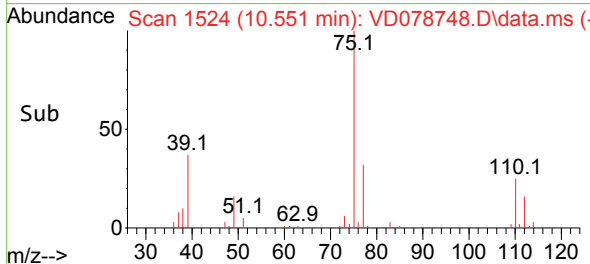
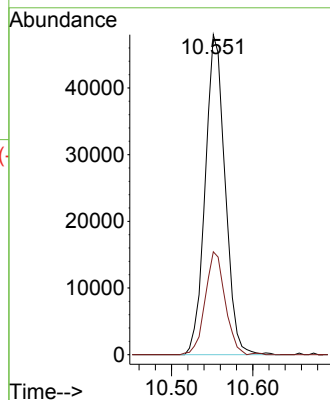
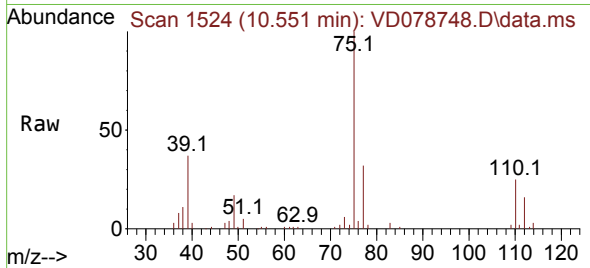




#53
t-1,3-Dichloropropene
Concen: 56.117 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

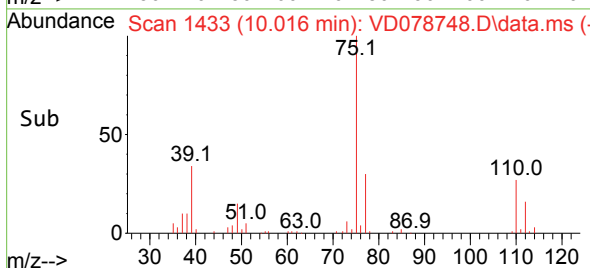
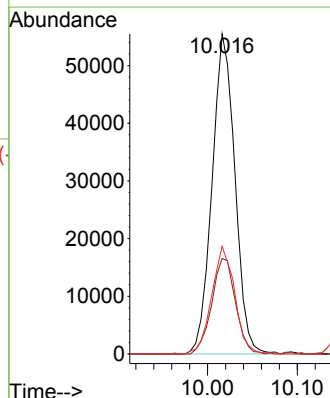
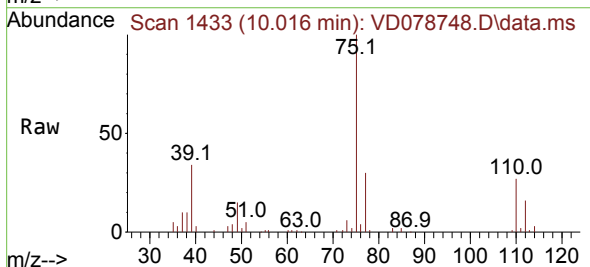
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

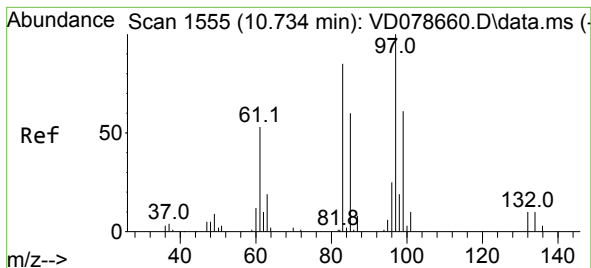
Tgt Ion: 75 Resp: 81501
Ion Ratio Lower Upper
75 100
77 32.2 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 56.197 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 75 Resp: 98117
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0
39 33.6 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 57.397 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 51287

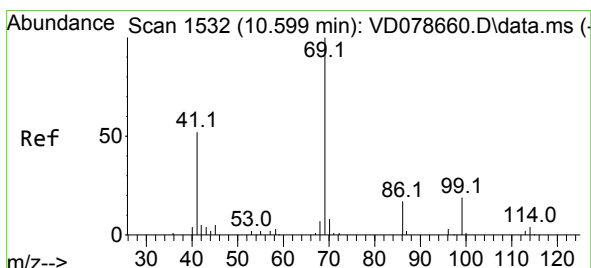
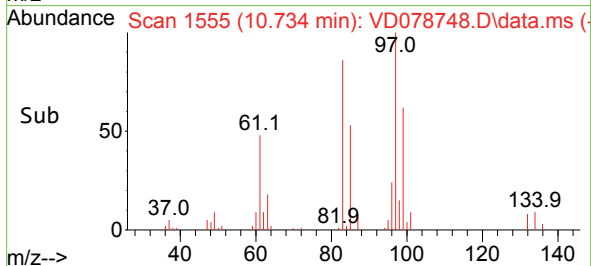
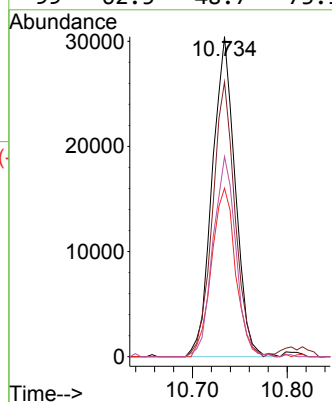
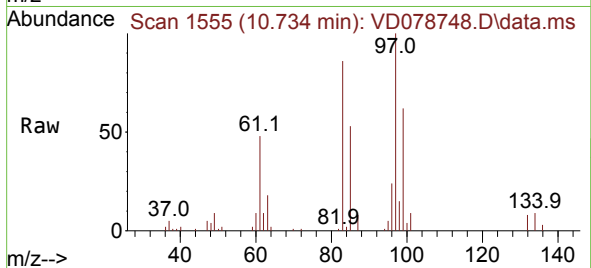
Ion Ratio Lower Upper

97 100

83 85.8 68.1 102.1

85 52.7 48.2 72.2

99 62.5 48.7 73.1



#56

Ethyl methacrylate

Concen: 54.815 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

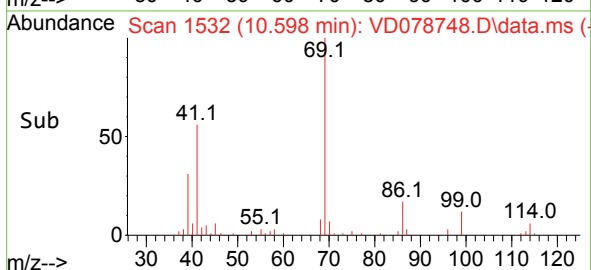
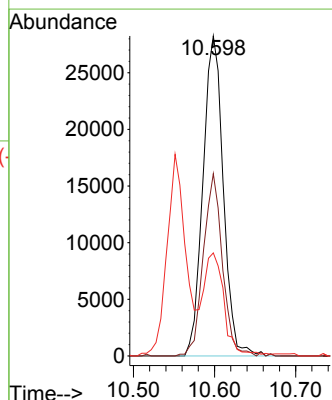
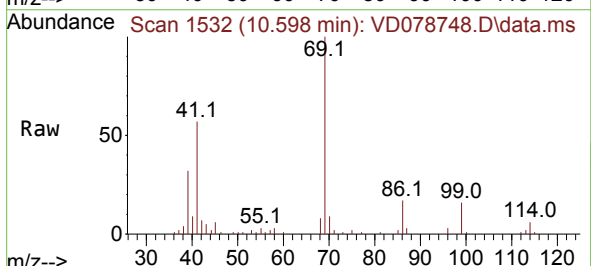
Tgt Ion: 69 Resp: 49101

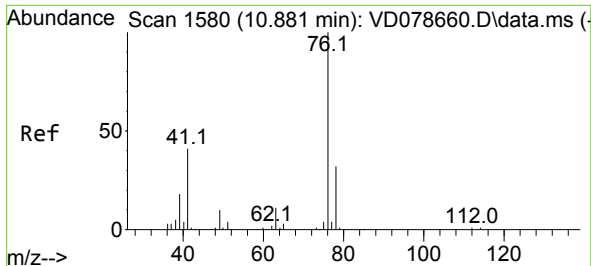
Ion Ratio Lower Upper

69 100

41 53.5 40.9 61.3

39 32.8 25.5 38.3





#57

1,3-Dichloropropane

Concen: 56.882 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

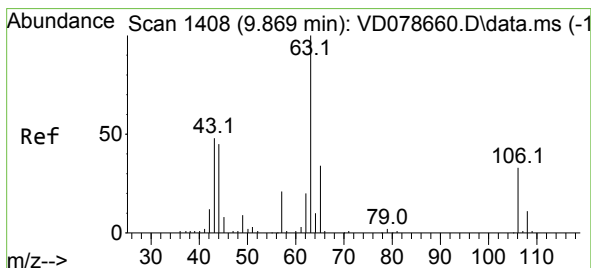
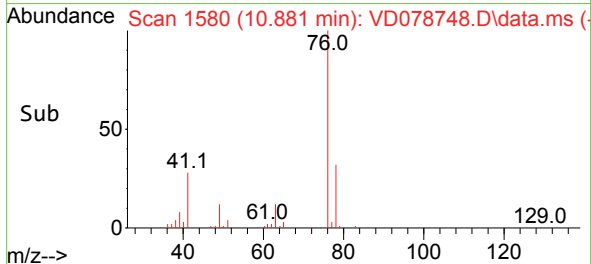
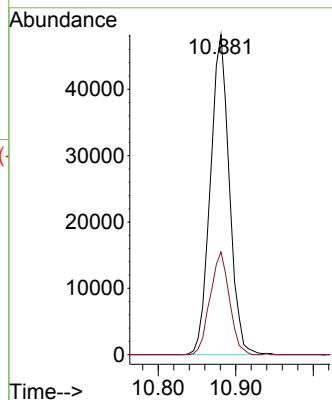
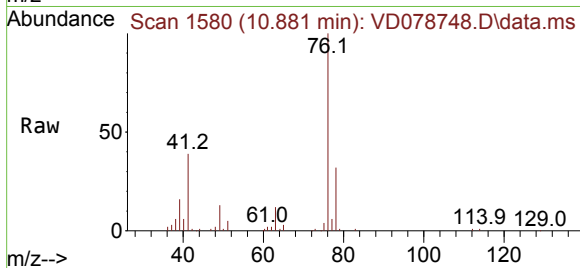
VSTDCCC050EC

Tgt Ion: 76 Resp: 82012

Ion Ratio Lower Upper

76 100

78 32.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 274.868 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078748.D

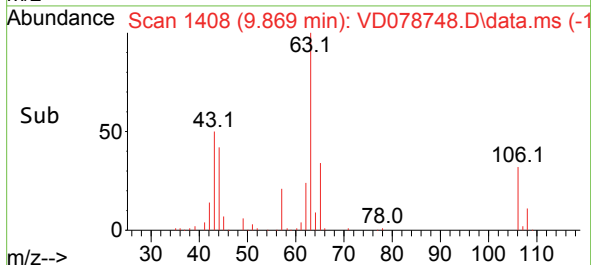
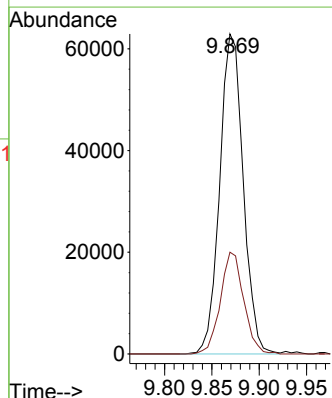
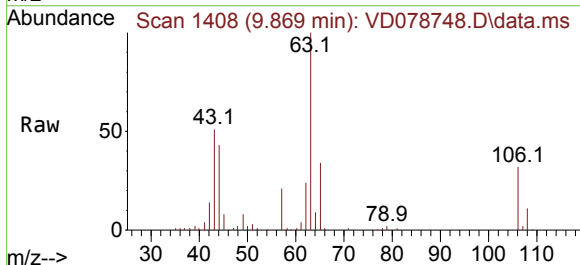
Acq: 22 Mar 2024 17:38

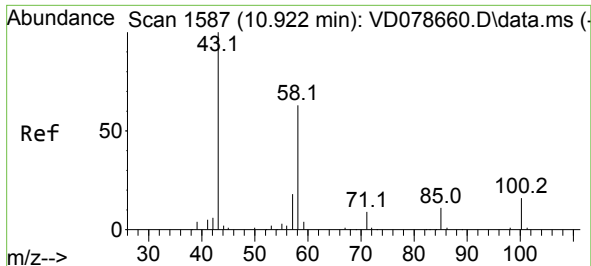
Tgt Ion: 63 Resp: 108566

Ion Ratio Lower Upper

63 100

106 31.6 25.2 37.8

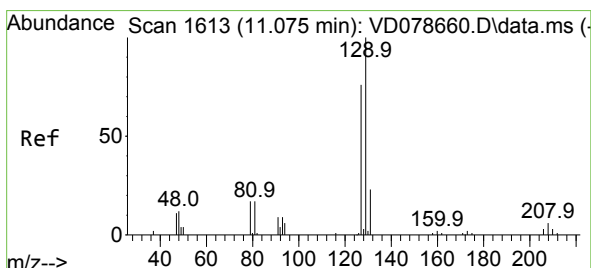
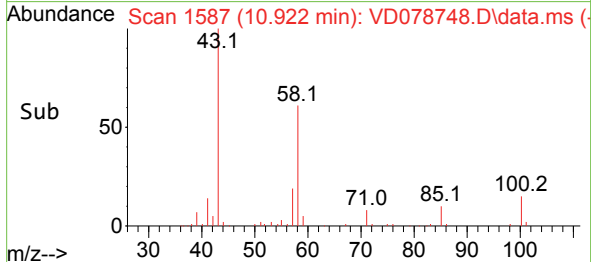
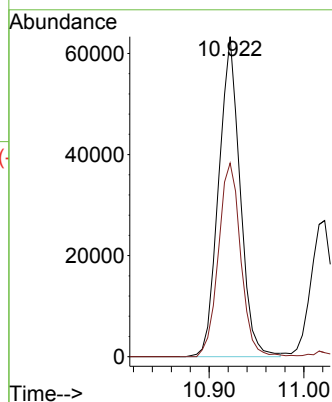
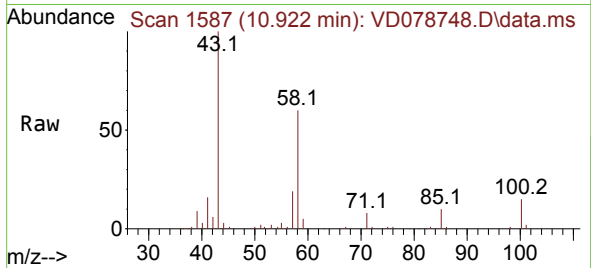




#59
2-Hexanone
Concen: 277.772 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

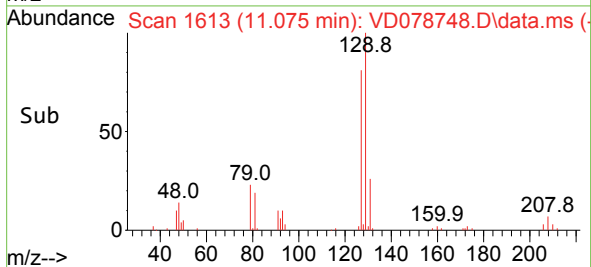
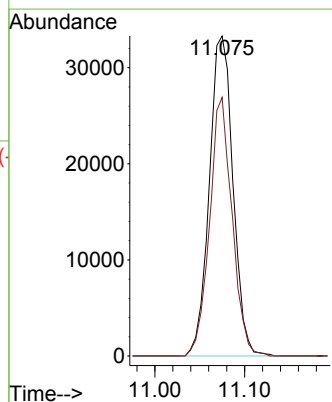
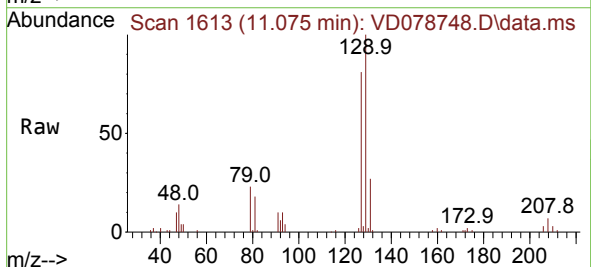
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

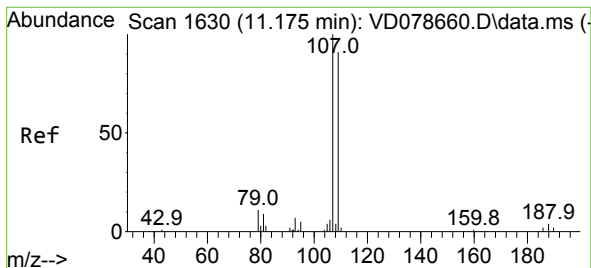
Tgt Ion: 43 Resp: 99279
Ion Ratio Lower Upper
43 100
58 63.2 31.5 94.5



#60
Dibromochloromethane
Concen: 55.316 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 129 Resp: 60955
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 54.539 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

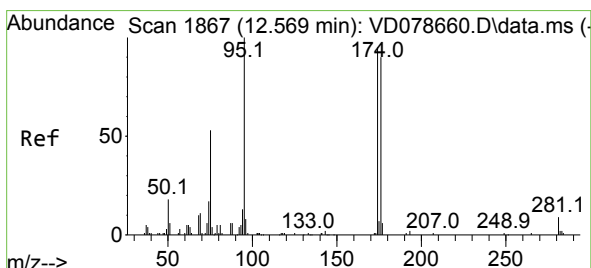
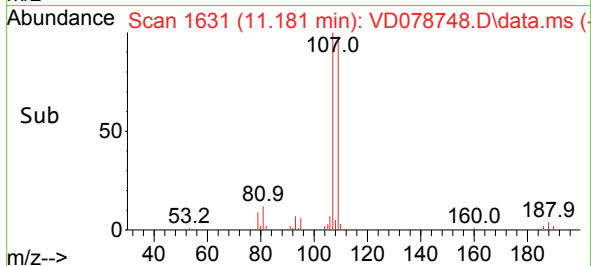
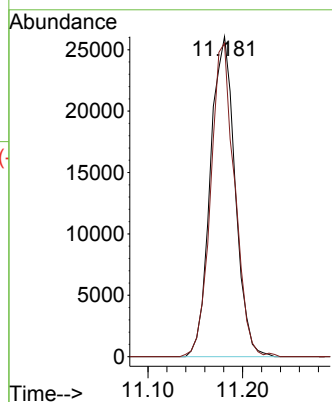
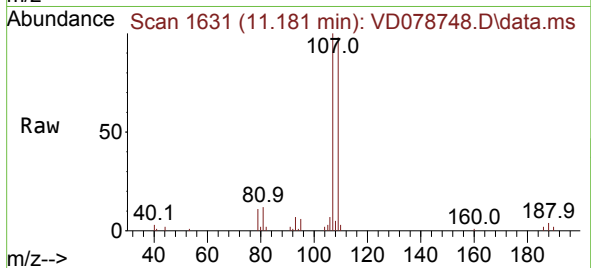
VSTDCCC050EC

Tgt Ion:107 Resp: 47162

Ion Ratio Lower Upper

107 100

109 95.3 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 53.796 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

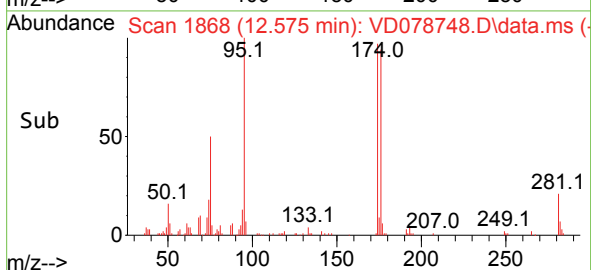
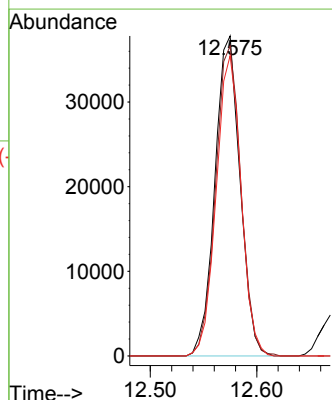
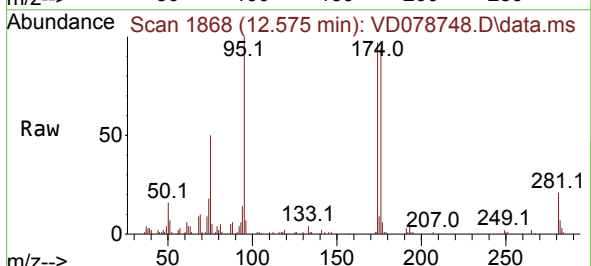
Tgt Ion: 95 Resp: 61924

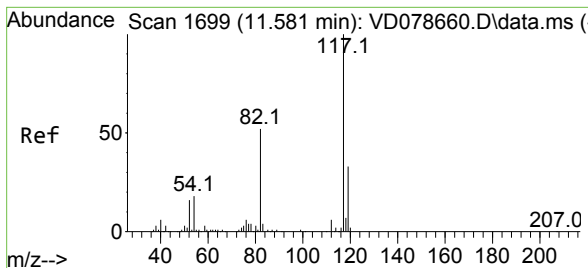
Ion Ratio Lower Upper

95 100

174 97.5 0.0 195.2

176 92.8 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

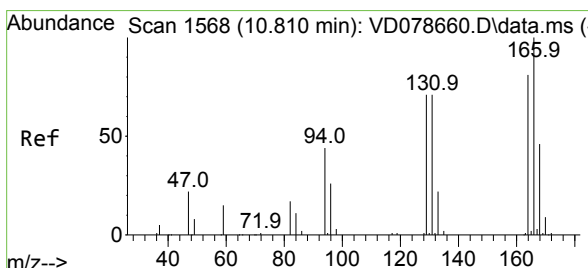
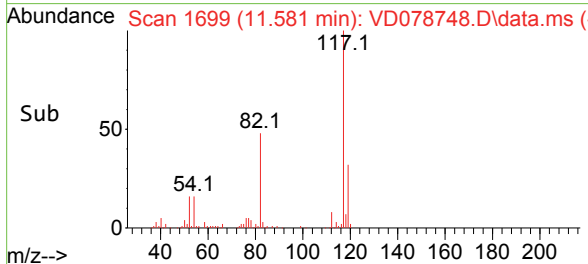
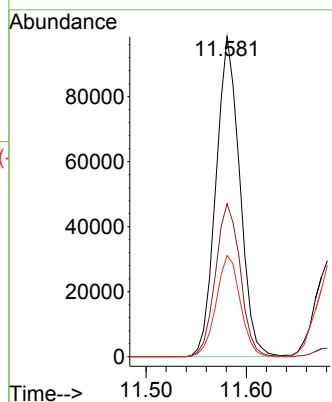
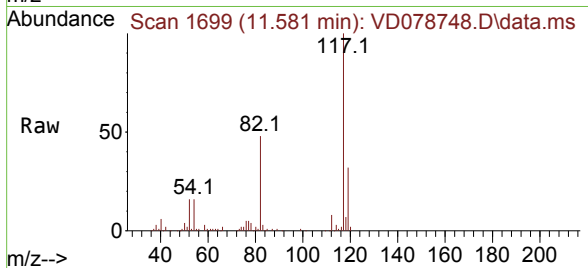
Tgt Ion:117 Resp: 161957

Ion Ratio Lower Upper

117 100

82 47.8 41.4 62.2

119 31.6 26.5 39.7



#64

Tetrachloroethene

Concen: 52.247 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Tgt Ion:164 Resp: 55997

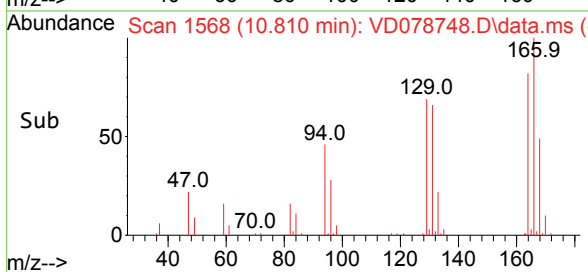
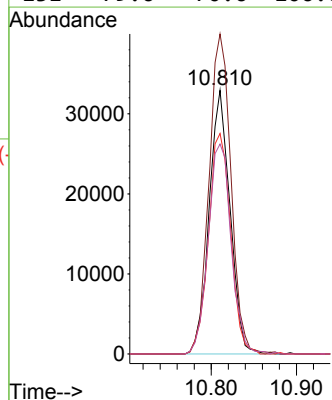
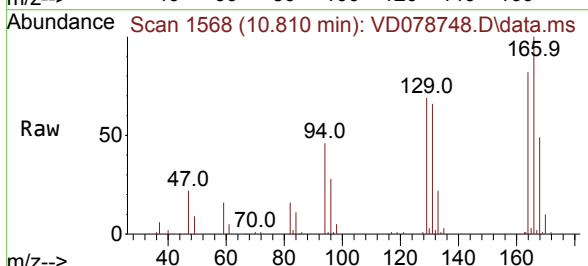
Ion Ratio Lower Upper

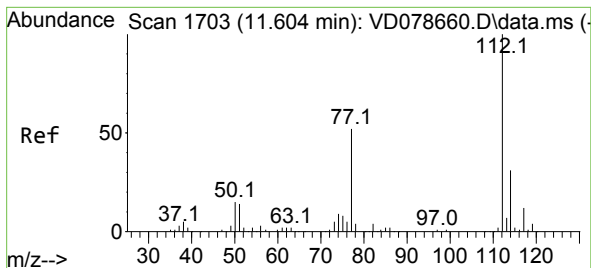
164 100

166 121.4 98.9 148.3

129 83.6 70.3 105.5

131 79.6 70.6 106.0





#65

Chlorobenzene

Concen: 53.761 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

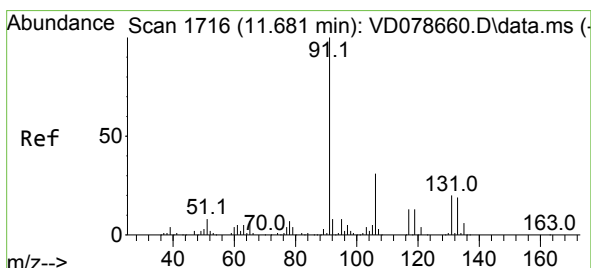
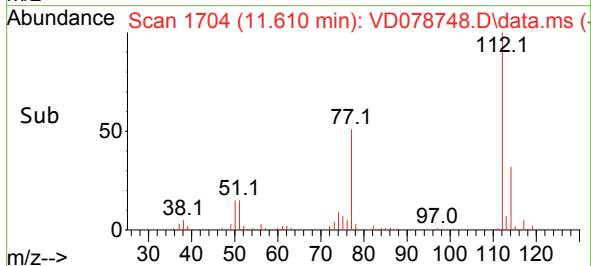
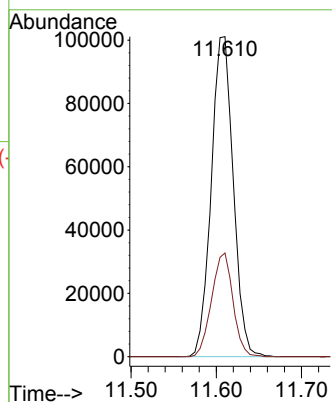
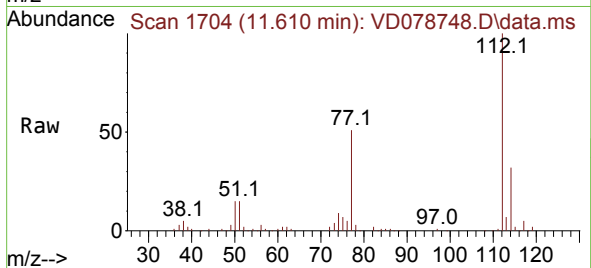
VSTDCCC050EC

Tgt Ion:112 Resp: 181949

Ion Ratio Lower Upper

112 100

114 32.4 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.168 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

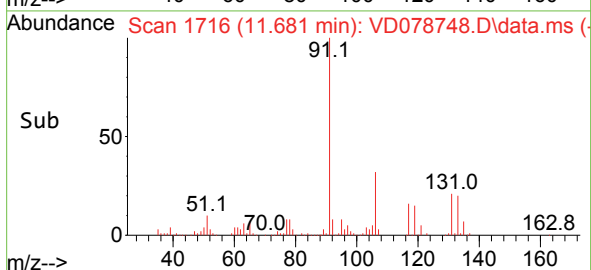
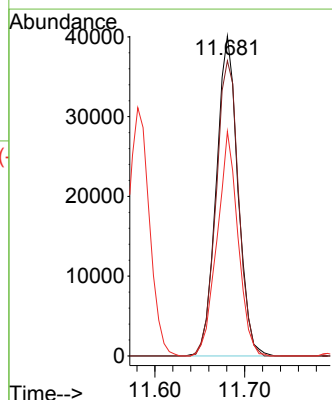
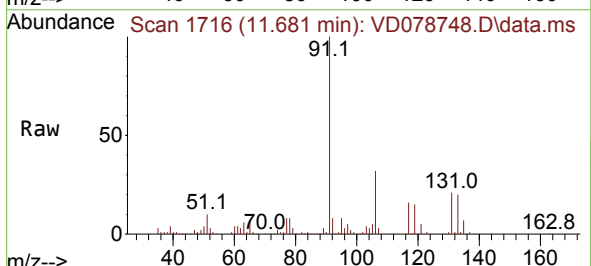
Tgt Ion:131 Resp: 67139

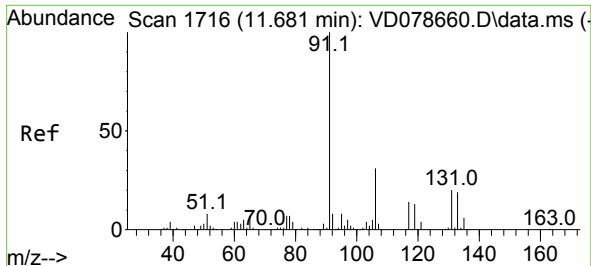
Ion Ratio Lower Upper

131 100

133 96.2 47.6 142.9

119 67.7 34.1 102.3





#67

Ethyl Benzene

Concen: 54.532 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

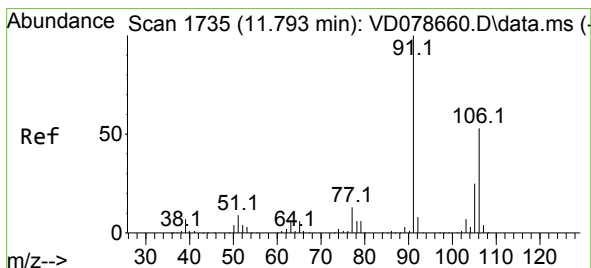
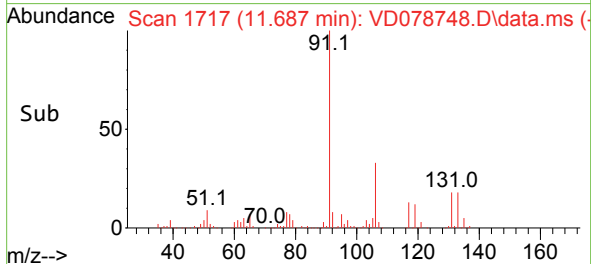
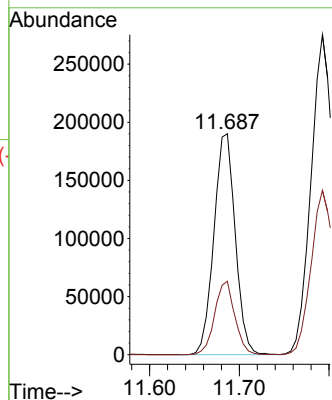
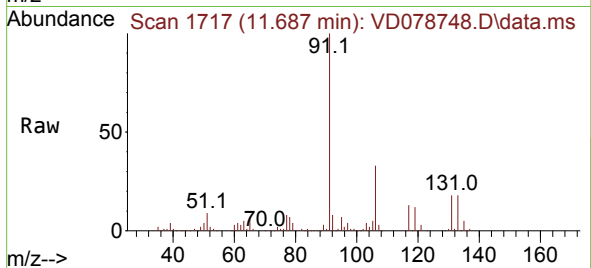
VSTDCCC050EC

Tgt Ion: 91 Resp: 314497

Ion Ratio Lower Upper

91 100

106 33.2 24.5 36.7



#68

m/p-Xylenes

Concen: 110.024 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078748.D

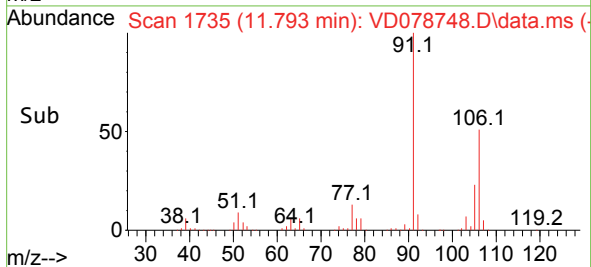
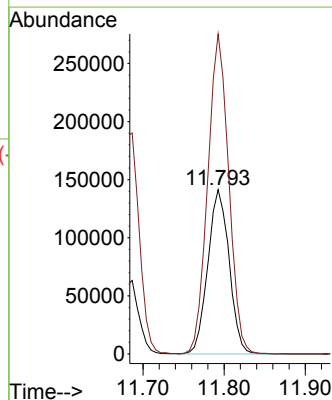
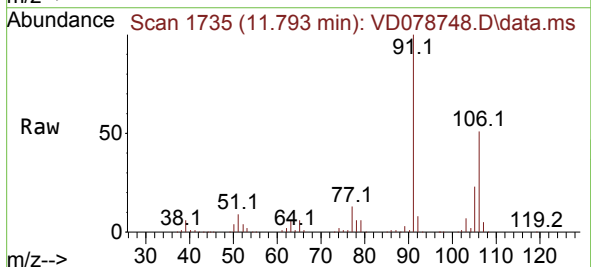
Acq: 22 Mar 2024 17:38

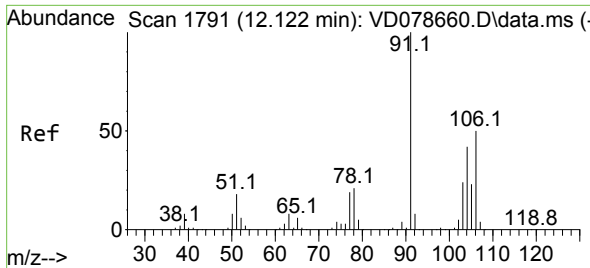
Tgt Ion:106 Resp: 257664

Ion Ratio Lower Upper

106 100

91 191.9 154.4 231.6

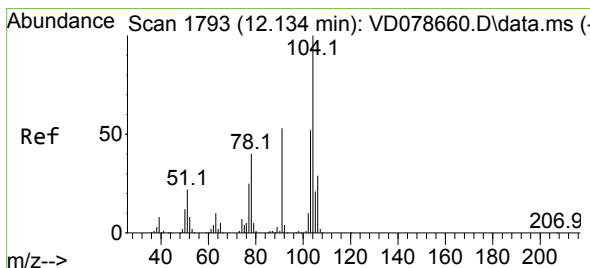
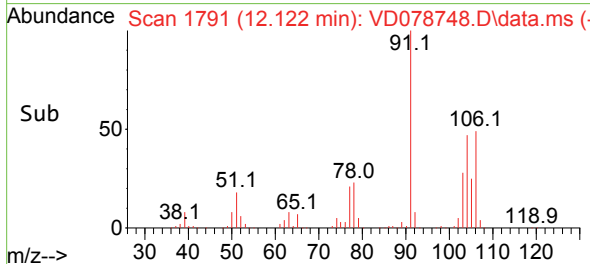
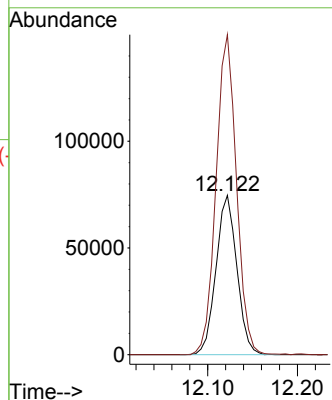
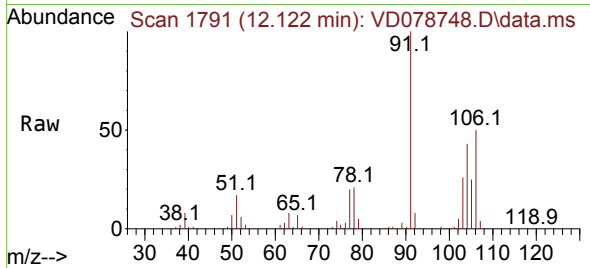




#69
o-Xylene
Concen: 55.524 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

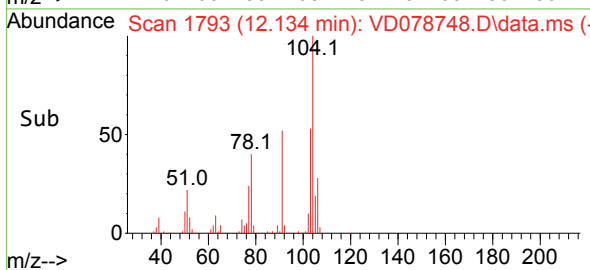
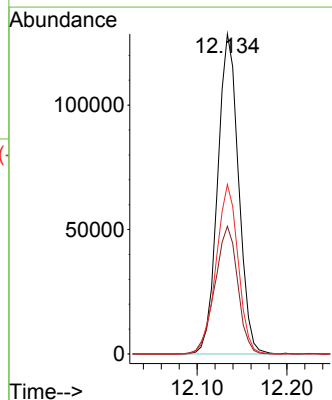
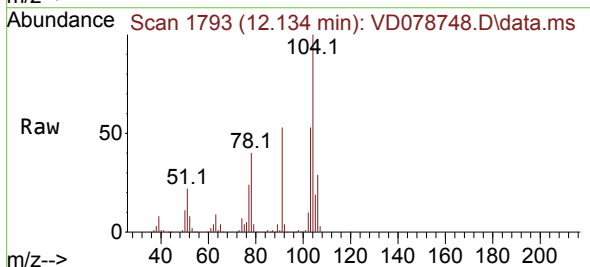
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

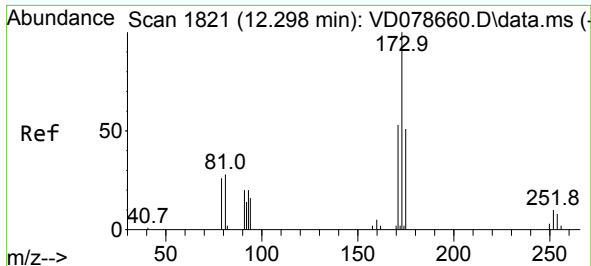
Tgt Ion:106 Resp: 120310
Ion Ratio Lower Upper
106 100
91 197.1 99.6 298.7



#70
Styrene
Concen: 57.197 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion:104 Resp: 208016
Ion Ratio Lower Upper
104 100
78 43.5 34.6 52.0
103 55.5 44.2 66.2

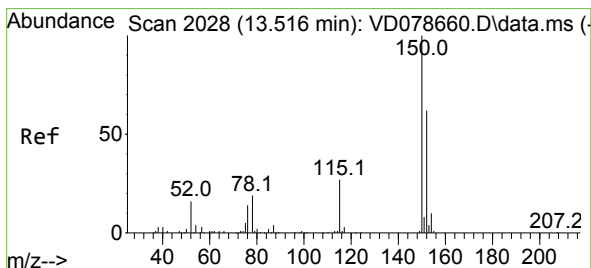
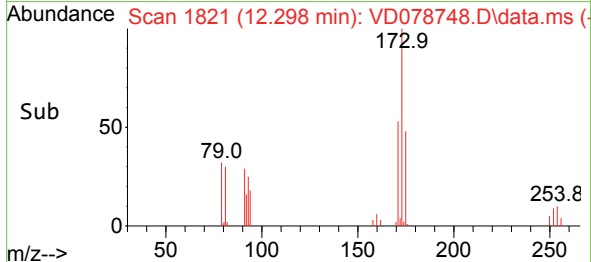
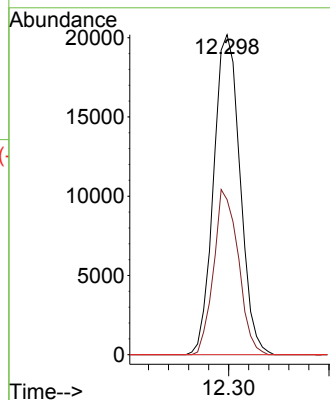
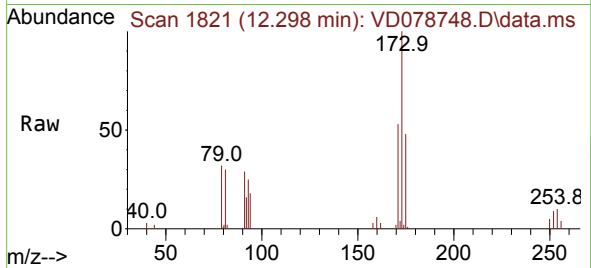




#71
Bromoform
Concen: 55.257 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

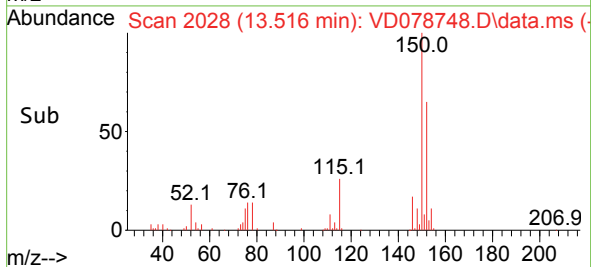
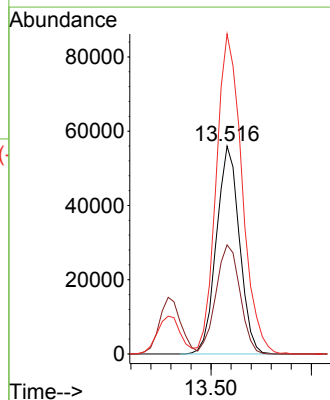
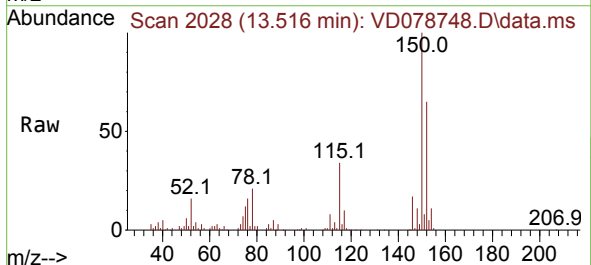
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

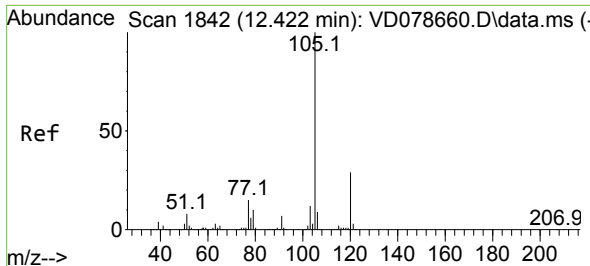
Tgt Ion:173 Resp: 37013
Ion Ratio Lower Upper
173 100
175 48.0 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion:152 Resp: 89175
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.2
150 172.7 0.0 350.2

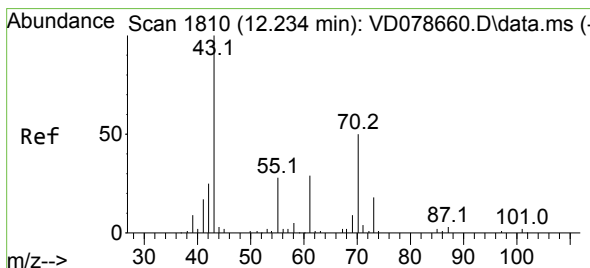
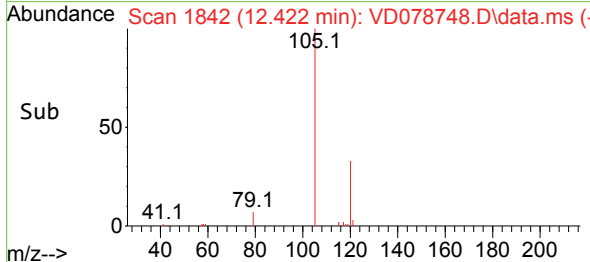
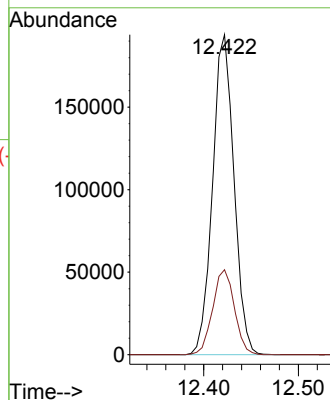
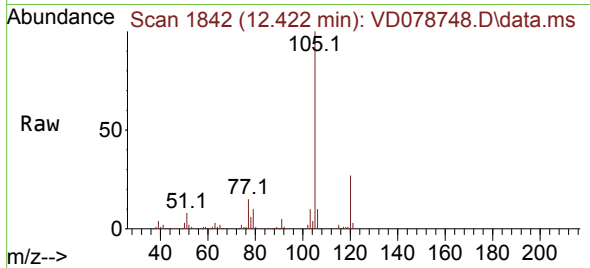




#73
Isopropylbenzene
Concen: 51.701 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

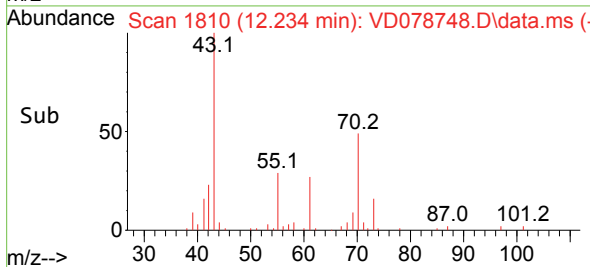
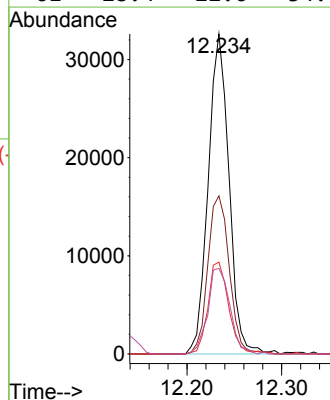
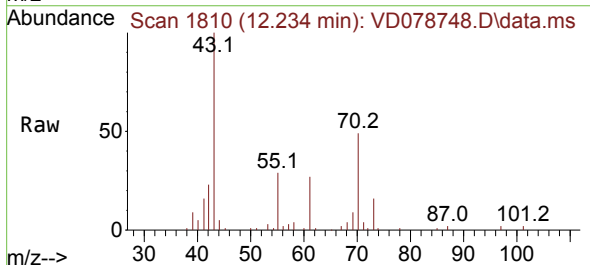
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

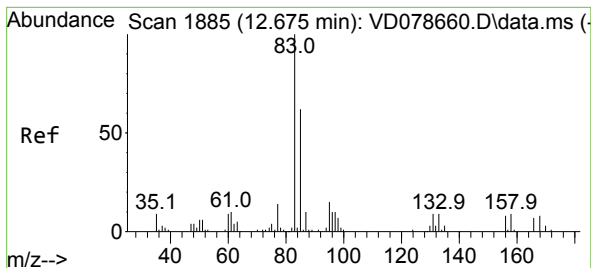
Tgt Ion:105 Resp: 303554
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0



#74
N-ethyl acetate
Concen: 52.144 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 43 Resp: 49707
Ion Ratio Lower Upper
43 100
70 51.0 42.1 63.1
55 28.7 22.6 33.8
61 28.4 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.763 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

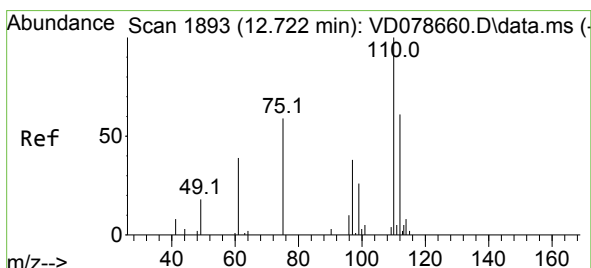
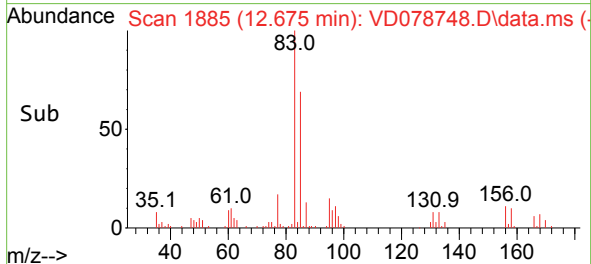
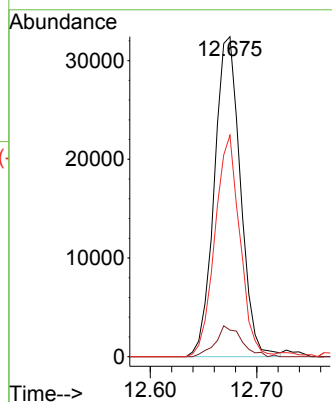
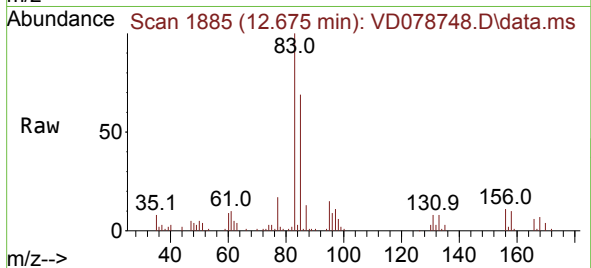
Tgt Ion: 83 Resp: 55174

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 66.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 95.016 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078748.D

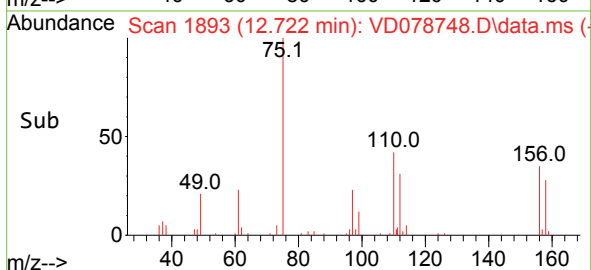
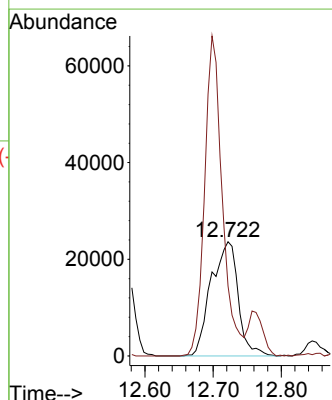
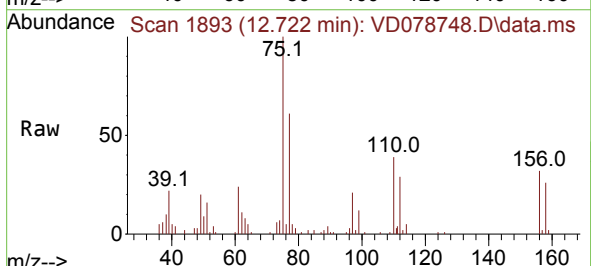
Acq: 22 Mar 2024 17:38

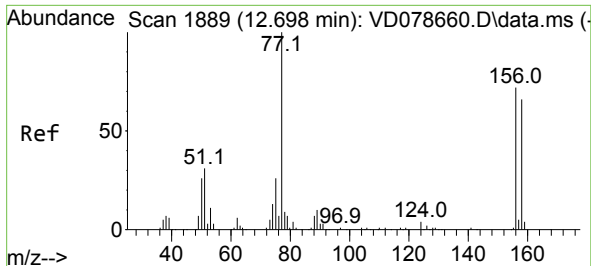
Tgt Ion: 75 Resp: 65280

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

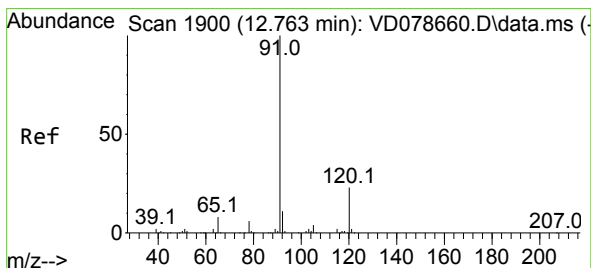
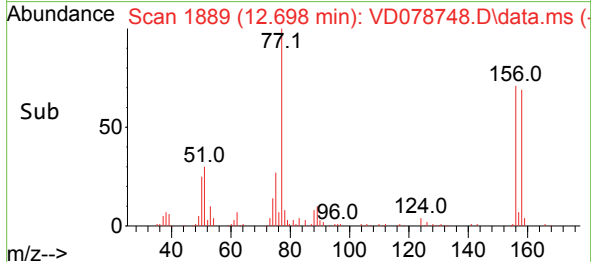
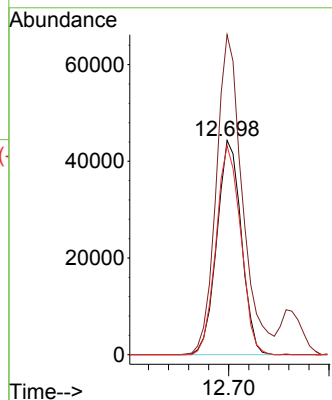
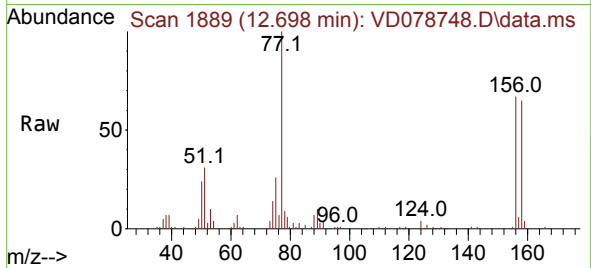




#77
Bromobenzene
Concen: 51.423 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

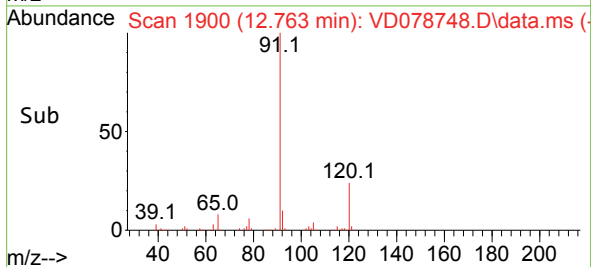
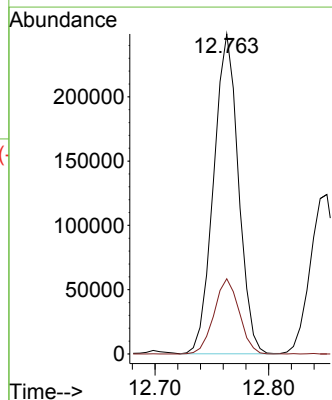
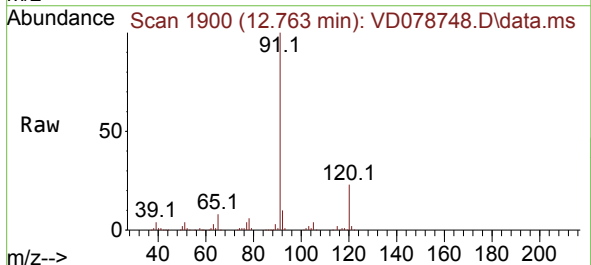
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

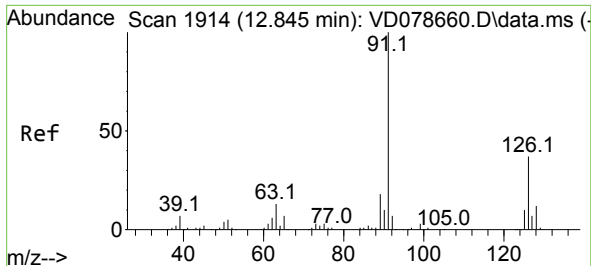
Tgt Ion:156 Resp: 74876
Ion Ratio Lower Upper
156 100
77 160.3 79.1 237.3
158 98.5 47.0 141.0



#78
n-propylbenzene
Concen: 52.898 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 91 Resp: 378047
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.1

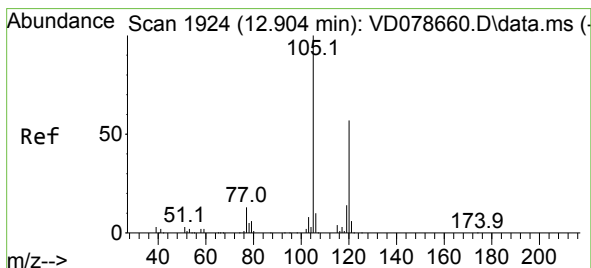
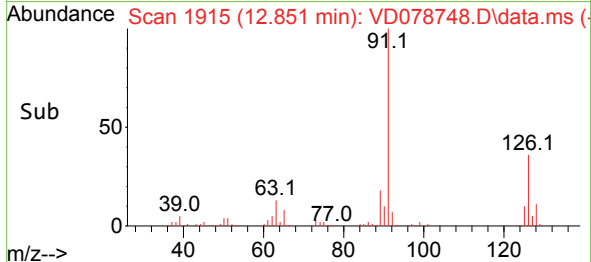
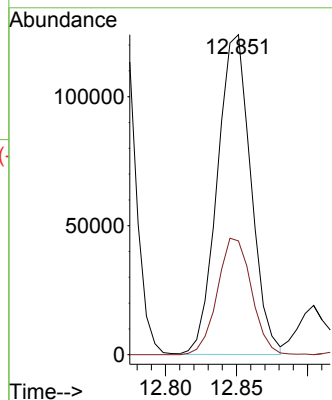
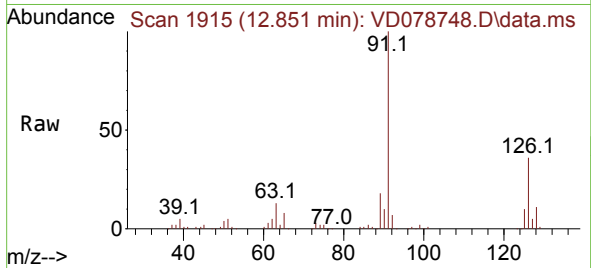




#79
2-Chlorotoluene
Concen: 52.031 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

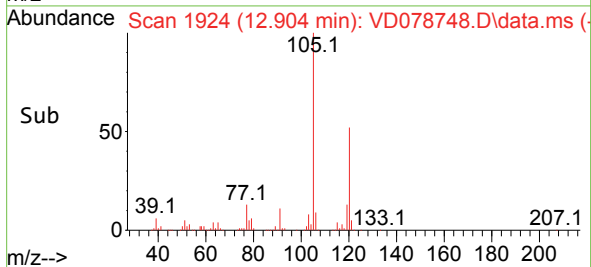
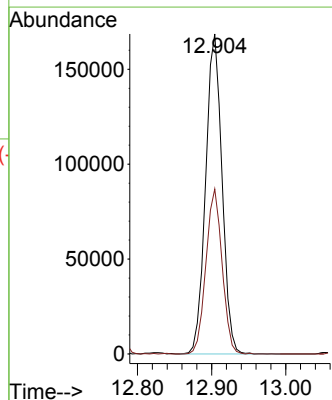
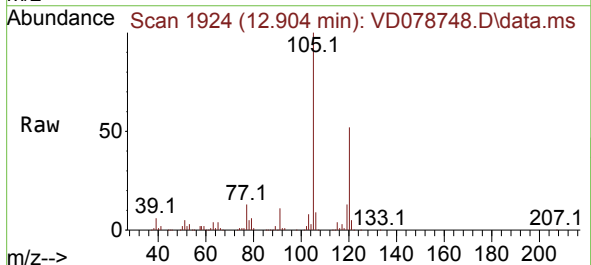
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

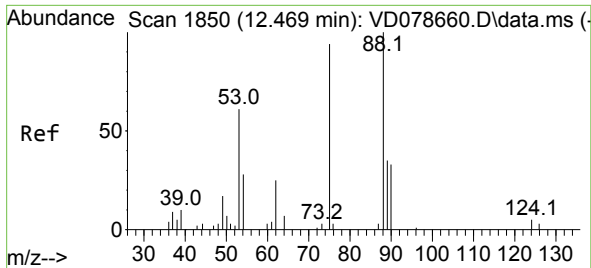
Tgt Ion: 91 Resp: 203993
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.302 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 105 Resp: 258794
Ion Ratio Lower Upper
105 100
120 50.8 25.9 77.7

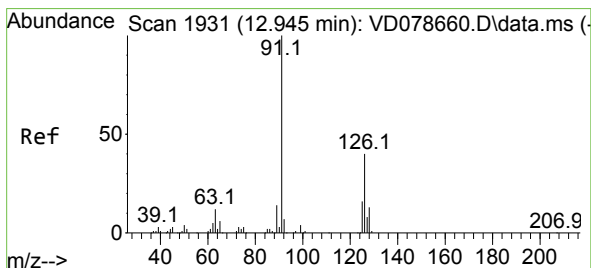
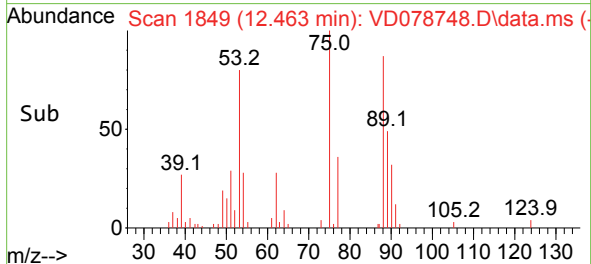
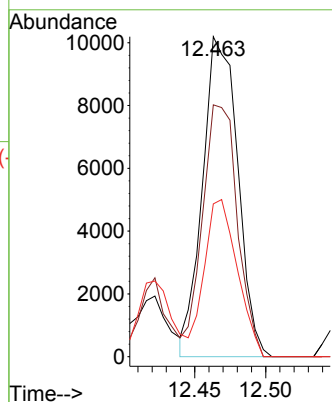
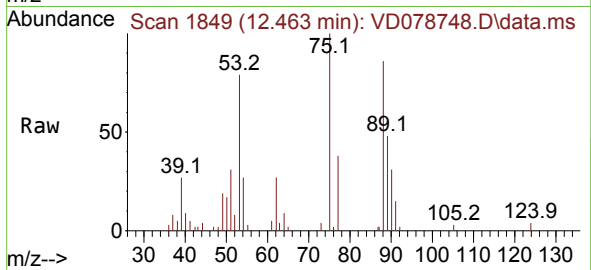




#81
trans-1,4-Dichloro-2-butene
Concen: 53.563 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

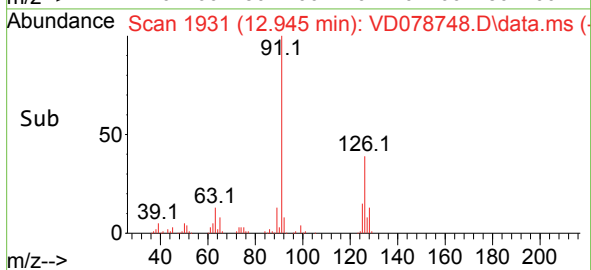
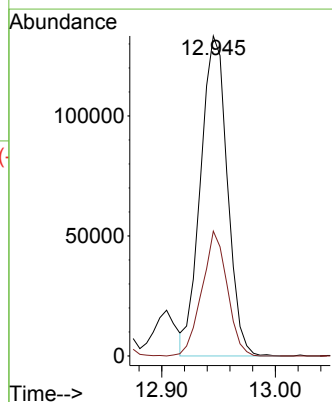
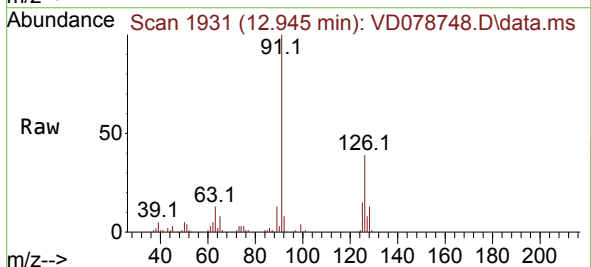
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

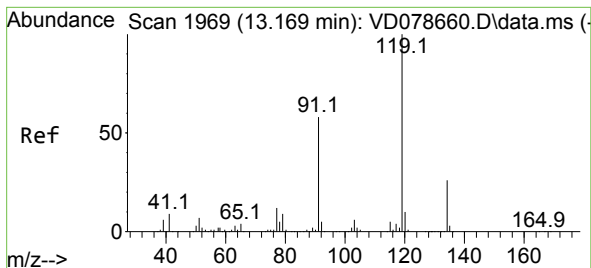
Tgt Ion:	75	Resp:	17556
Ion	Ratio	Lower	Upper
75	100		
53	78.3	61.0	91.6
89	45.9	35.4	53.0



#82
4-Chlorotoluene
Concen: 52.631 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion:	91	Resp:	218254
Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.9	56.5





#83

tert-Butylbenzene

Concen: 53.565 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

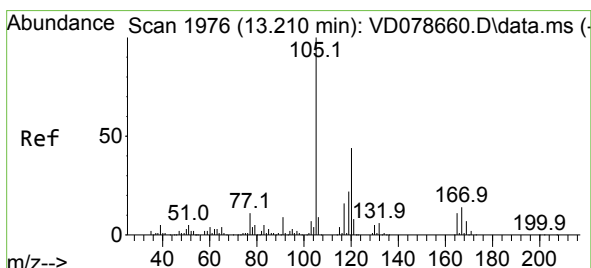
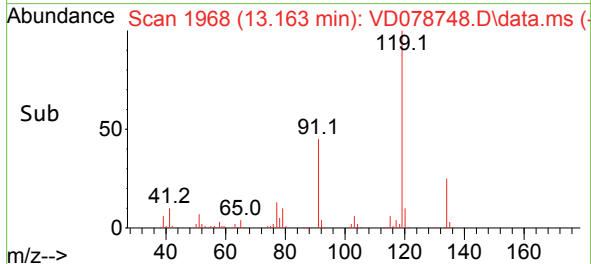
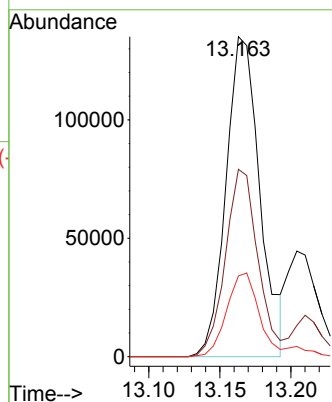
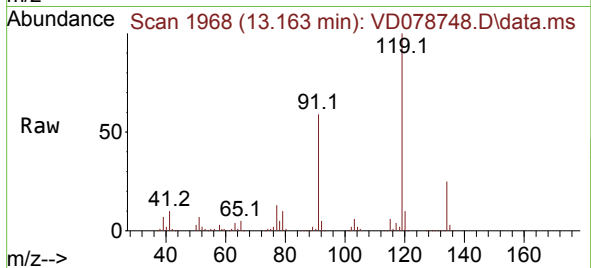
Tgt Ion:119 Resp: 224249

Ion Ratio Lower Upper

119 100

91 56.0 28.9 86.7

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 53.314 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078748.D

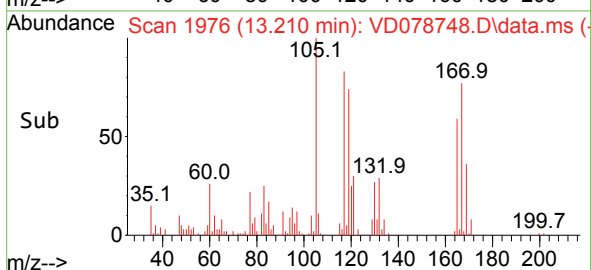
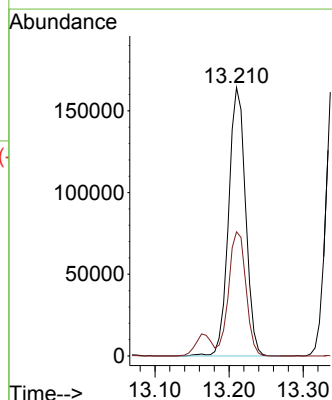
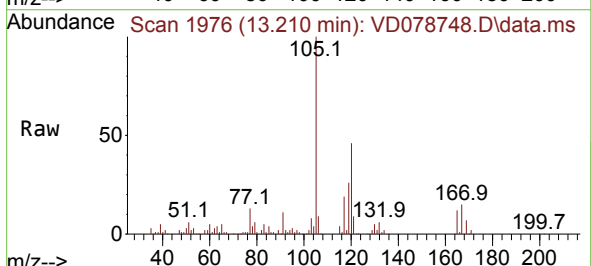
Acq: 22 Mar 2024 17:38

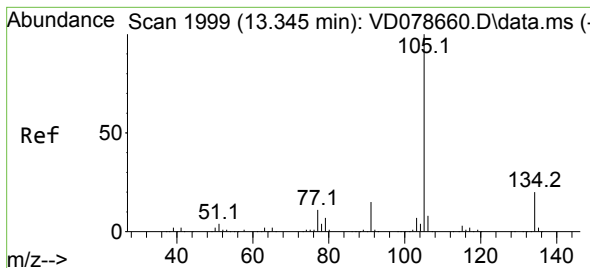
Tgt Ion:105 Resp: 260861

Ion Ratio Lower Upper

105 100

120 47.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 53.266 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

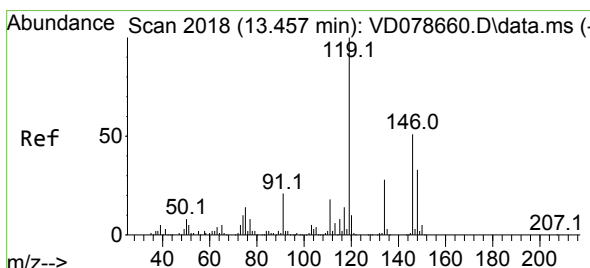
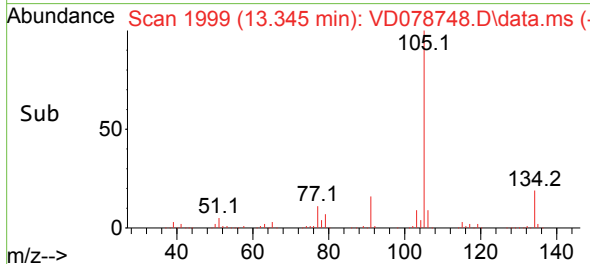
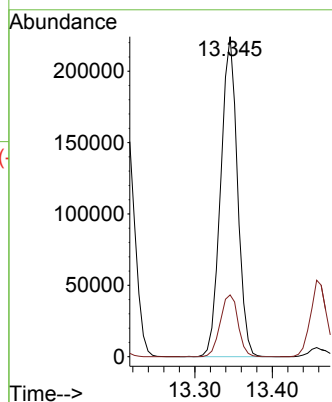
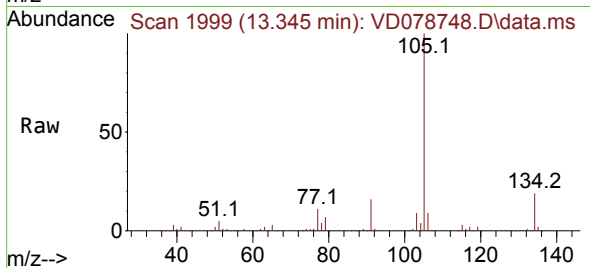
VSTDCCC050EC

Tgt Ion:105 Resp: 337466

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 53.637 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

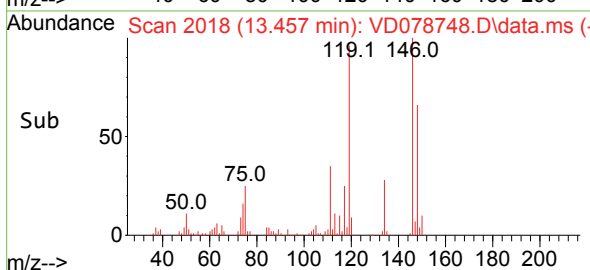
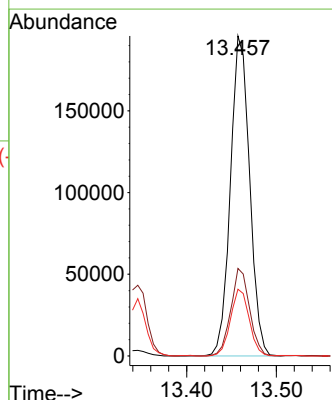
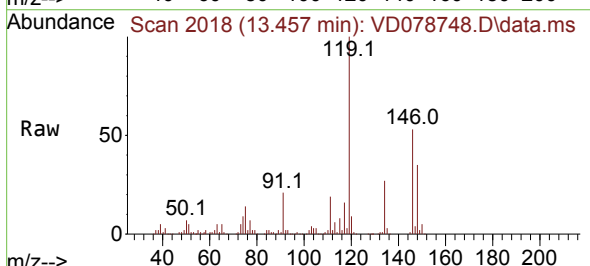
Tgt Ion:119 Resp: 290905

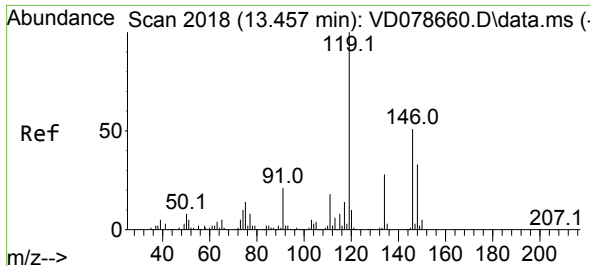
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 20.4 10.4 31.2

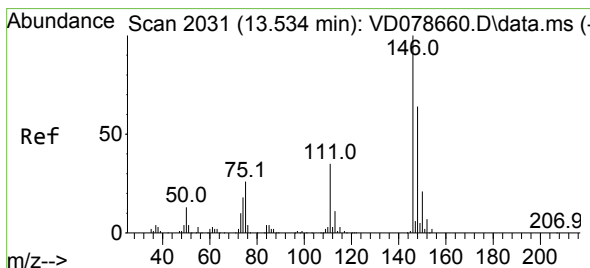
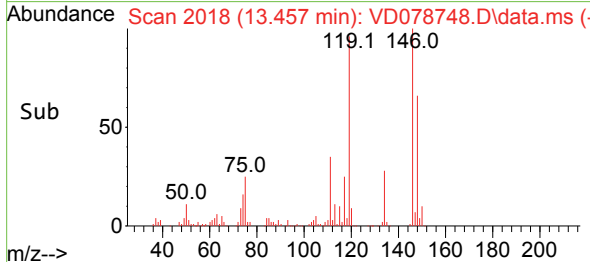
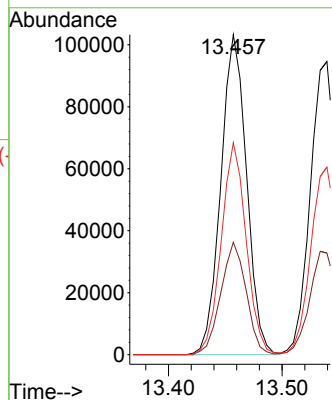
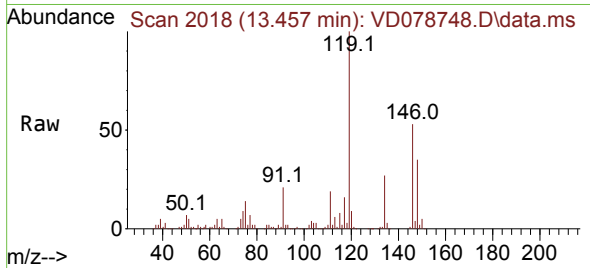




#87
1,3-Dichlorobenzene
Concen: 52.966 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

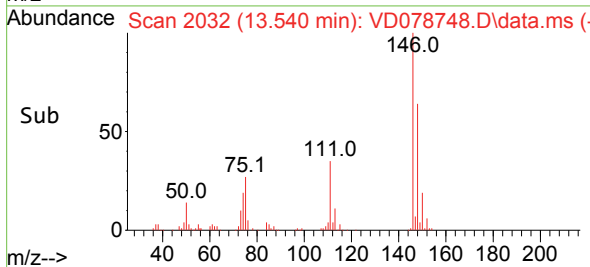
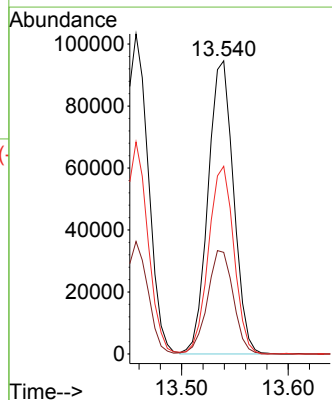
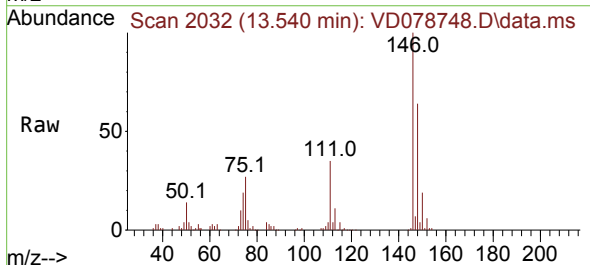
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

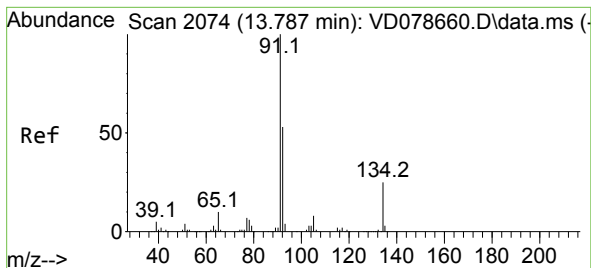
Tgt Ion:146 Resp: 162747
Ion Ratio Lower Upper
146 100
111 34.6 18.2 54.6
148 64.2 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 51.880 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion:146 Resp: 157105
Ion Ratio Lower Upper
146 100
111 35.8 17.8 53.3
148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 53.867 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078748.D

Acq: 22 Mar 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

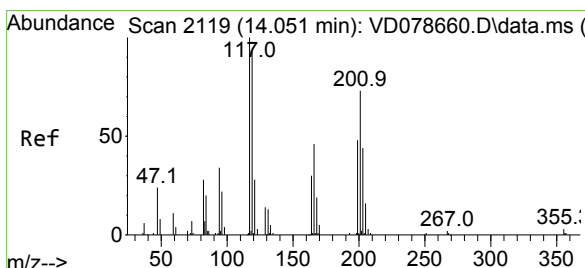
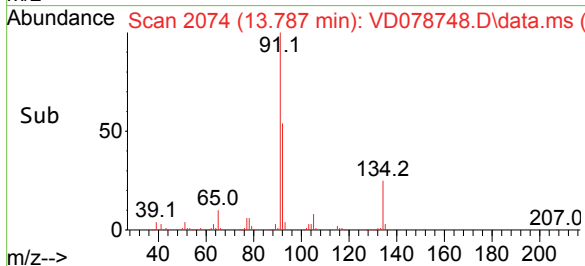
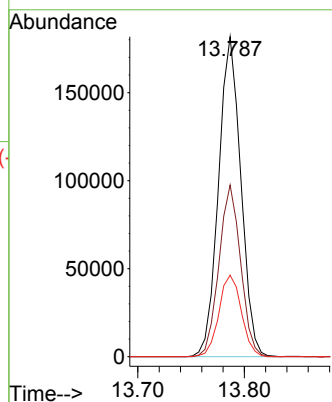
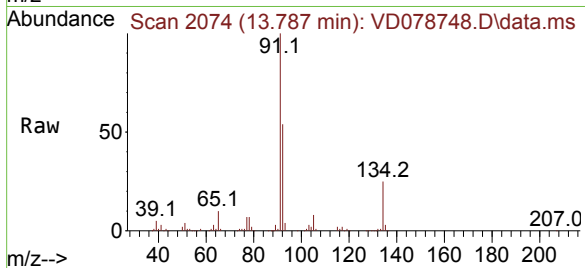
Tgt Ion: 91 Resp: 263851

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 50.649 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078748.D

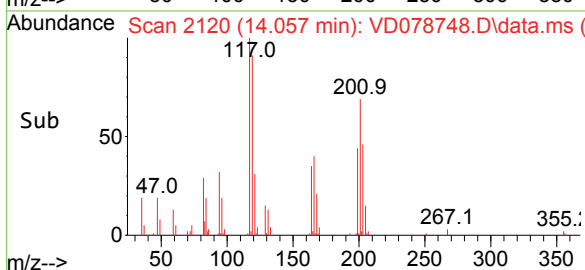
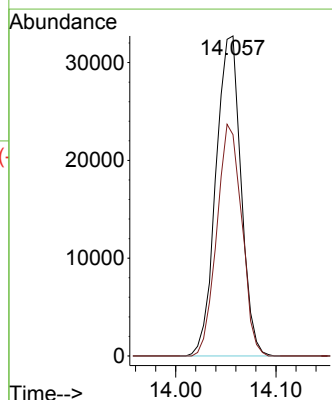
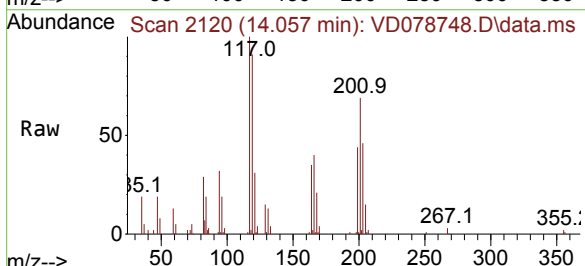
Acq: 22 Mar 2024 17:38

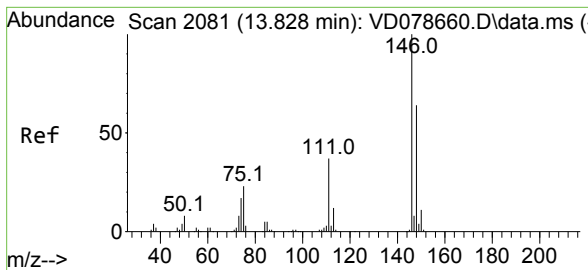
Tgt Ion: 117 Resp: 56840

Ion Ratio Lower Upper

117 100

201 72.1 36.2 108.6

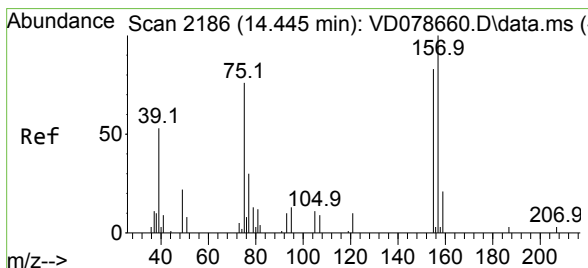
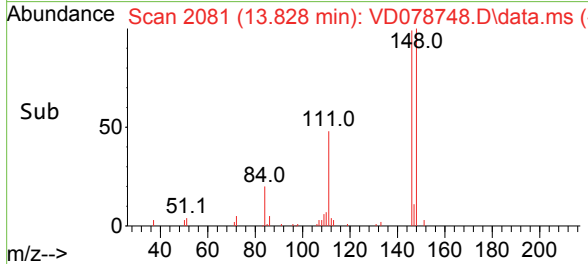
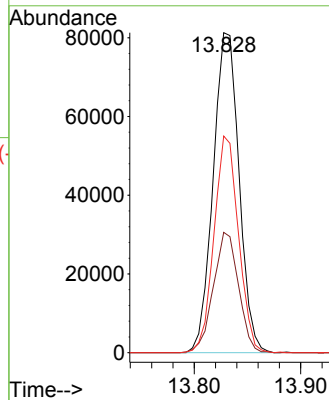
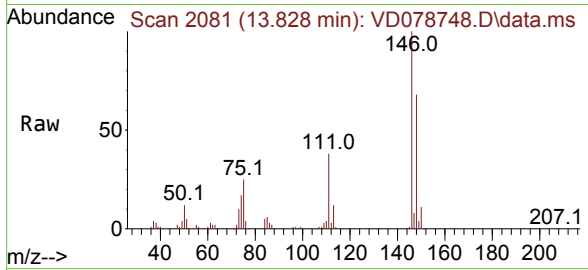




#91
1,2-Dichlorobenzene
Concen: 51.897 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

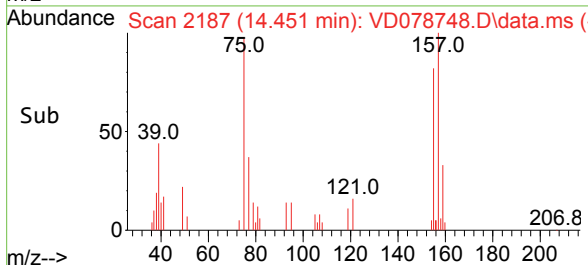
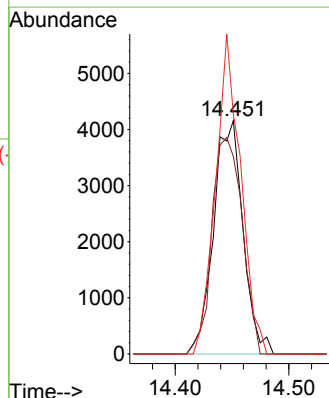
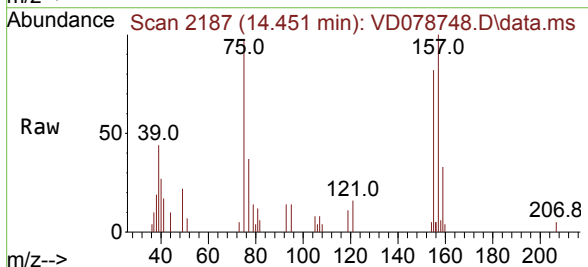
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

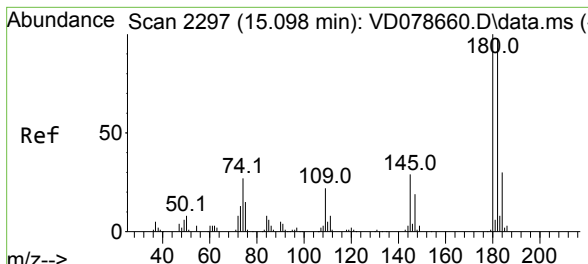
Tgt Ion:146 Resp: 137341
Ion Ratio Lower Upper
146 100
111 36.6 18.6 56.0
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.232 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion: 75 Resp: 7449
Ion Ratio Lower Upper
75 100
155 96.0 49.8 149.3
157 117.5 65.5 196.3

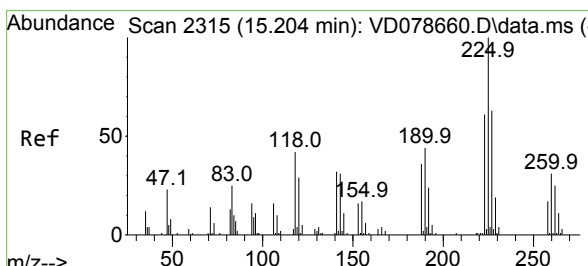
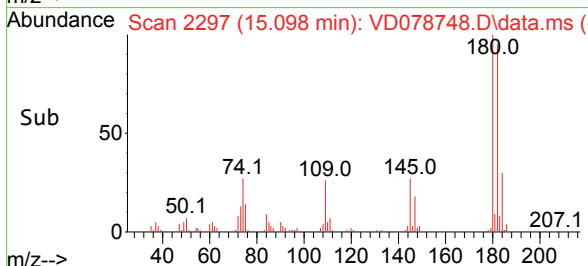
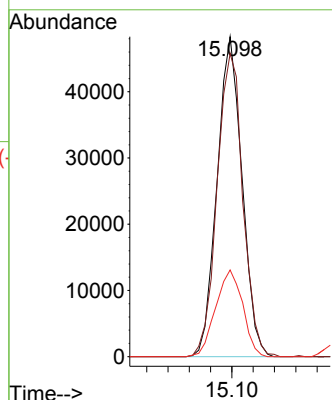
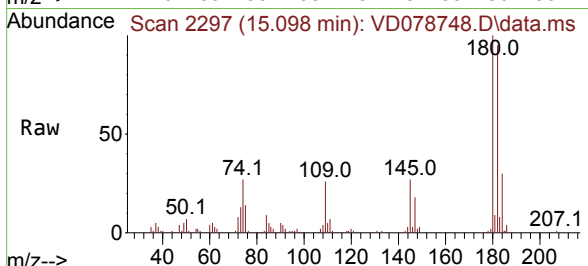




#93
 1,2,4-Trichlorobenzene
 Concen: 50.814 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078748.D
 Acq: 22 Mar 2024 17:38

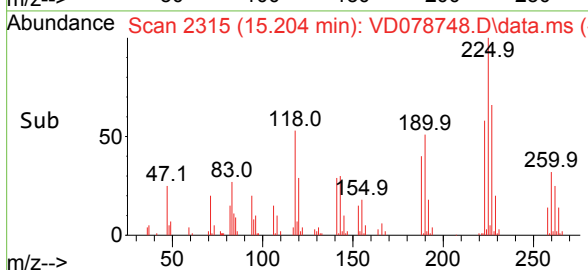
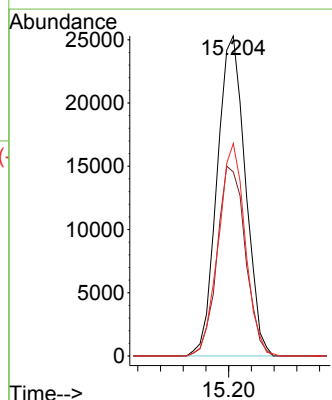
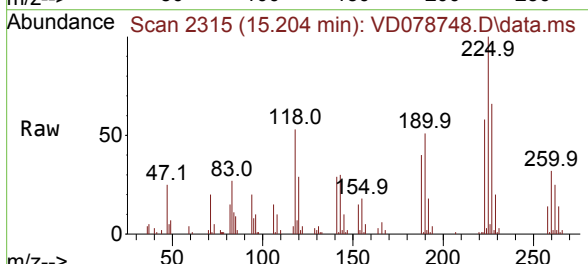
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

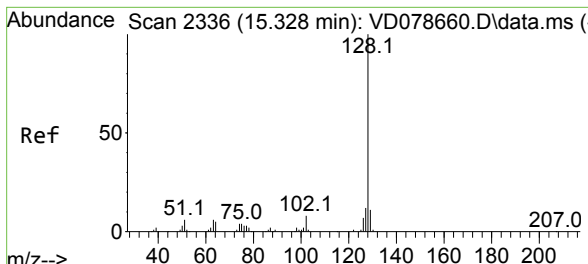
Tgt Ion:	180	Resp:	78479
Ion Ratio	Lower	Upper	
180	100		
182	97.8	49.7	149.1
145	29.3	14.6	44.0



#94
 Hexachlorobutadiene
 Concen: 52.225 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD078748.D
 Acq: 22 Mar 2024 17:38

Tgt Ion:	225	Resp:	43667
Ion Ratio	Lower	Upper	
225	100		
223	59.4	31.9	95.7
227	63.0	32.0	96.0

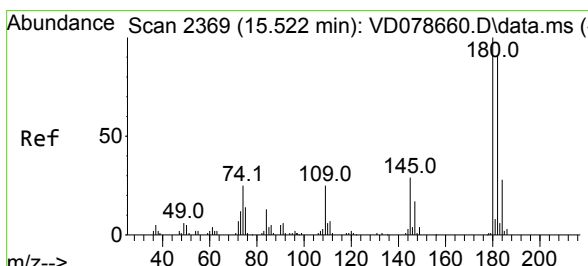
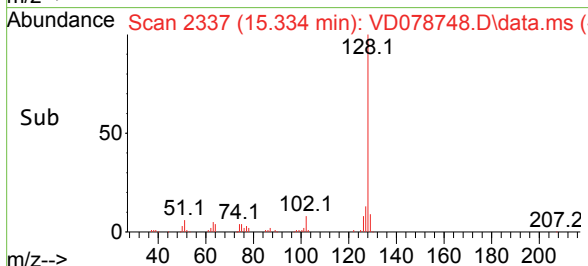
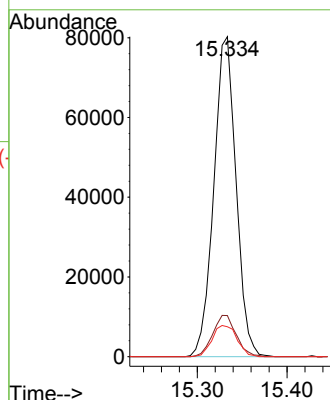
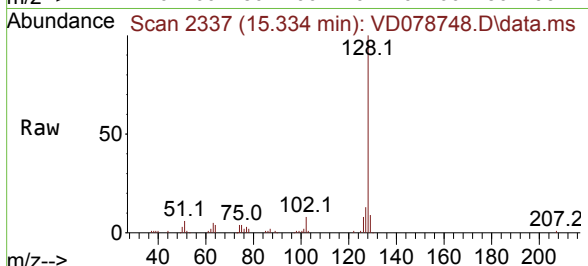




#95
Naphthalene
Concen: 51.430 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	138101
Ion Ratio	Lower	Upper	
128	100		
127	12.8	9.3	13.9
129	9.3	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.951 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078748.D
Acq: 22 Mar 2024 17:38

Tgt Ion:	180	Resp:	70750
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.7	140.1
145	28.9	14.4	43.4

