

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078085.D
 Acq On : 28 Dec 2023 09:10
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 28 22:21:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	175085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	271900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	257328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	142121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79730	51.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.810	113	95005	54.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.600%	
50) Toluene-d8	10.269	98	342704	55.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.340%	
62) 4-Bromofluorobenzene	12.575	95	107827	54.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	67709	45.123	ug/l	100
3) Chloromethane	2.152	50	97563	47.146	ug/l	97
4) Vinyl Chloride	2.287	62	145977	46.799	ug/l	99
5) Bromomethane	2.699	94	110624	44.233	ug/l	99
6) Chloroethane	2.840	64	110977	48.416	ug/l	97
7) Trichlorofluoromethane	3.181	101	151418	50.434	ug/l	100
8) Diethyl Ether	3.599	74	42834	52.029	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	94363	50.463	ug/l	99
10) Methyl Iodide	4.169	142	93936	53.458	ug/l	93
11) Tert butyl alcohol	5.040	59	22528	323.603	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	83275	50.330	ug/l	93
13) Acrolein	3.799	56	11943	145.559	ug/l	98
14) Allyl chloride	4.569	41	95405	47.704	ug/l	94
15) Acrylonitrile	5.252	53	89299	259.305	ug/l	98
16) Acetone	4.022	43	106944	348.155	ug/l	93
17) Carbon Disulfide	4.275	76	215253	52.651	ug/l	98
18) Methyl Acetate	4.569	43	73604	57.648	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	197839	54.025	ug/l	95
20) Methylene Chloride	4.811	84	102685	54.046	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	99575	52.354	ug/l	93
22) Diisopropyl ether	6.222	45	233051	52.170	ug/l	98
23) Vinyl Acetate	6.157	43	530377	310.558	ug/l	95
24) 1,1-Dichloroethane	6.116	63	169205	51.184	ug/l	99
25) 2-Butanone	7.087	43	119923	292.867	ug/l	90
26) 2,2-Dichloropropane	7.075	77	151071	50.865	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	117354	52.009	ug/l	97
28) Bromochloromethane	7.428	49	53098	44.895	ug/l	97
29) Tetrahydrofuran	7.446	42	62649	259.781	ug/l	95
30) Chloroform	7.604	83	183413	51.196	ug/l	91
31) Cyclohexane	7.881	56	125199	50.378	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	164298	53.362	ug/l	96
36) 1,1-Dichloropropene	8.010	75	132564	53.853	ug/l	97
37) Ethyl Acetate	7.163	43	44453	54.297	ug/l	96
38) Carbon Tetrachloride	7.993	117	146198	54.809	ug/l	96
39) Methylcyclohexane	9.275	83	154558	54.766	ug/l	95
40) Benzene	8.252	78	389930	54.960	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28350	54.735	ug/l	# 90
42) 1,2-Dichloroethane	8.322	62	102265	53.337	ug/l	97
43) Isopropyl Acetate	8.363	43	88691	54.110	ug/l	95
44) Trichloroethene	9.034	130	111027	54.394	ug/l	96
45) 1,2-Dichloropropane	9.304	63	96971	53.939	ug/l	95
46) Dibromomethane	9.393	93	55970	55.586	ug/l	99
47) Bromodichloromethane	9.587	83	142297	54.404	ug/l	98
48) Methyl methacrylate	9.381	41	50281	54.432	ug/l	86
49) 1,4-Dioxane	9.387	88	11068	1162.757	ug/l	# 90
51) 4-Methyl-2-Pentanone	10.157	43	236381	281.057	ug/l	95
52) Toluene	10.334	92	258733	56.226	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	130854	55.141	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	156129	54.786	ug/l	# 92
55) 1,1,2-Trichloroethane	10.734	97	79578	56.161	ug/l	98
56) Ethyl methacrylate	10.598	69	64796	57.623	ug/l	93
57) 1,3-Dichloropropane	10.881	76	125871	54.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	137951	283.357	ug/l	99
59) 2-Hexanone	10.922	43	187008	286.254	ug/l	93
60) Dibromochloromethane	11.075	129	101920	56.462	ug/l	97
61) 1,2-Dibromoethane	11.181	107	75738	55.752	ug/l	99
64) Tetrachloroethene	10.810	164	93553	53.803	ug/l	99
65) Chlorobenzene	11.610	112	287590	52.606	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	108316	52.348	ug/l	98
67) Ethyl Benzene	11.687	91	505791	53.070	ug/l	99
68) m/p-Xylenes	11.792	106	397409	107.142	ug/l	92
69) o-Xylene	12.122	106	185514	53.663	ug/l	94
70) Styrene	12.134	104	281032	55.060	ug/l	96
71) Bromoform	12.298	173	63442	55.575	ug/l	# 98
73) Isopropylbenzene	12.422	105	503245	51.411	ug/l	97
74) N-amyl acetate	12.234	43	82395	50.704	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	89113	50.090	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	107396	89.569	ug/l	# 100
77) Bromobenzene	12.704	156	124382	52.233	ug/l	98
78) n-propylbenzene	12.763	91	596293	50.608	ug/l	99
79) 2-Chlorotoluene	12.851	91	321773	50.490	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	419316	51.791	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	28242	50.754	ug/l	98
82) 4-Chlorotoluene	12.945	91	344566	50.428	ug/l	98
83) tert-Butylbenzene	13.169	119	372472	51.357	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	430074	52.151	ug/l	97
85) sec-Butylbenzene	13.345	105	538709	52.027	ug/l	97
86) p-Isopropyltoluene	13.463	119	494227	53.335	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	255343	51.826	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	250899	51.922	ug/l	99
89) n-Butylbenzene	13.787	91	440491	51.789	ug/l	99
90) Hexachloroethane	14.057	117	98049	52.927	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	220448	52.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13132	52.704	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	147188	53.280	ug/l	99
94) Hexachlorobutadiene	15.204	225	82359	53.063	ug/l	99
95) Naphthalene	15.333	128	252045	53.593	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	125849	53.689	ug/l	99

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QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

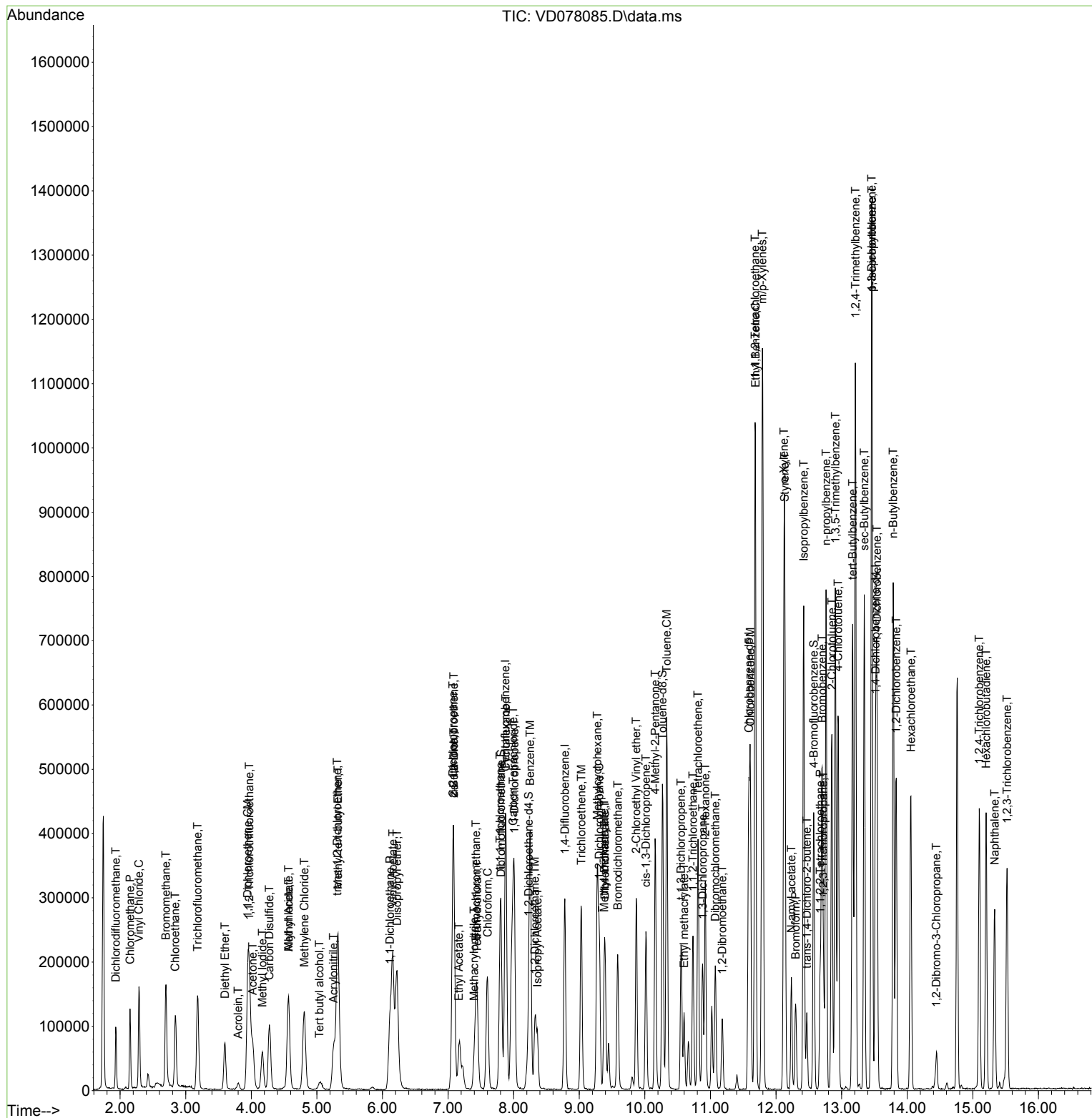
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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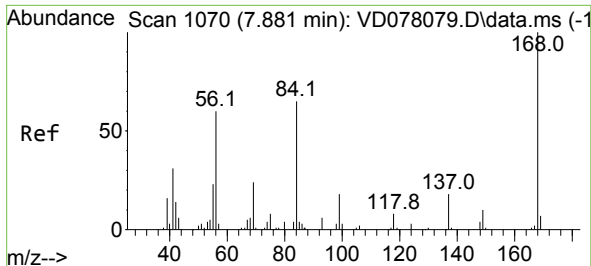
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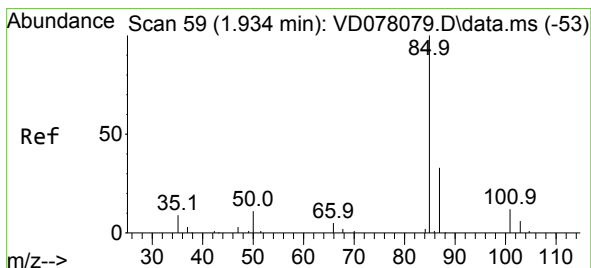
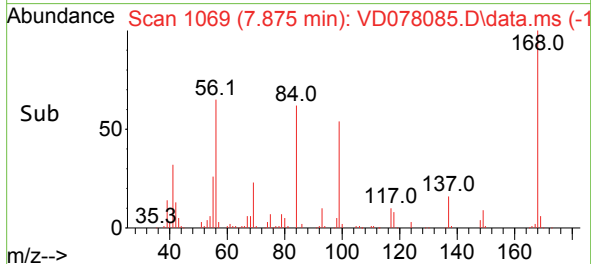
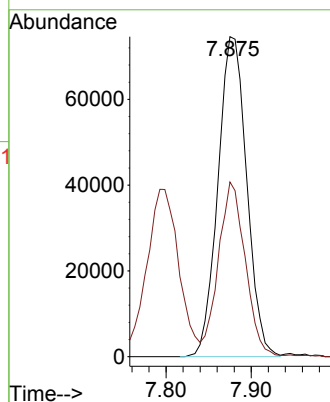
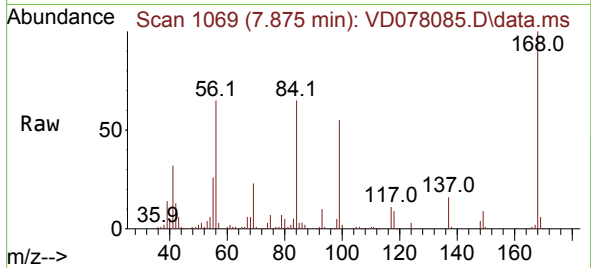




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
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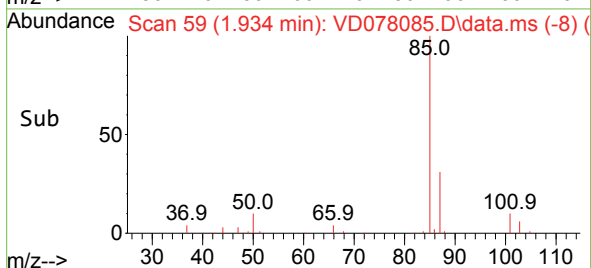
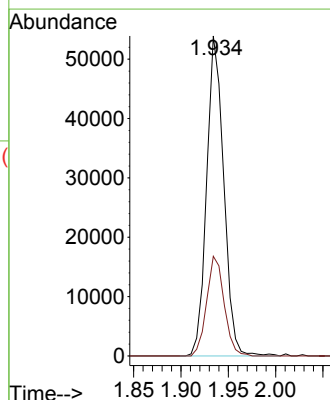
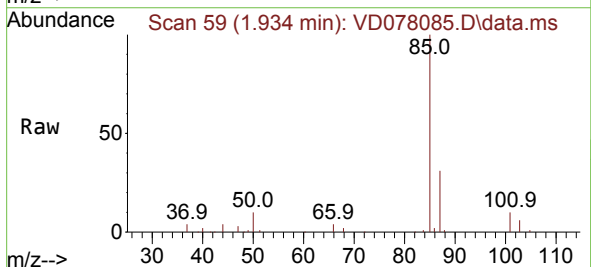
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

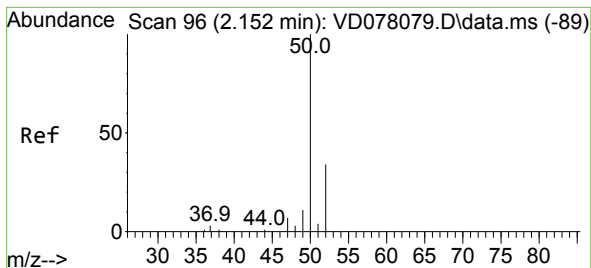
Tgt Ion:168 Resp: 175085
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 45.123 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 85 Resp: 67709
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0





#3

Chloromethane

Concen: 47.146 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

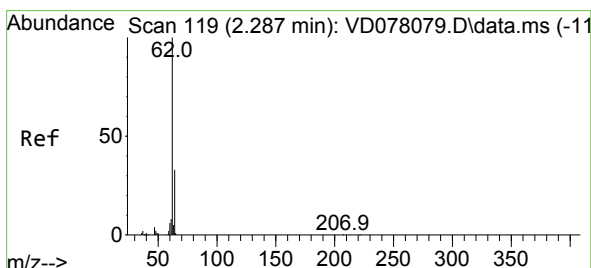
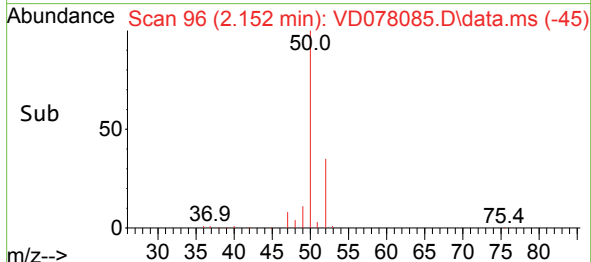
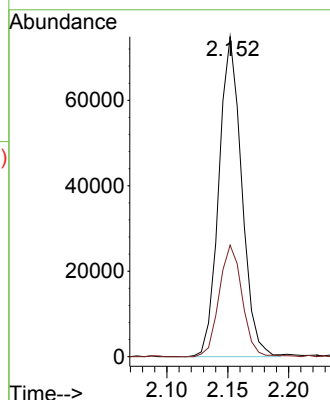
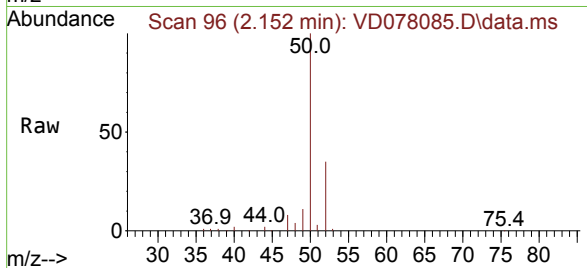
VSTDCCC050

Tgt Ion: 50 Resp: 97563

Ion Ratio Lower Upper

50 100

52 34.9 26.6 40.0



#4

Vinyl Chloride

Concen: 46.799 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078085.D

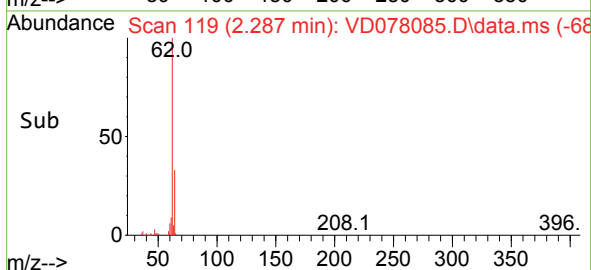
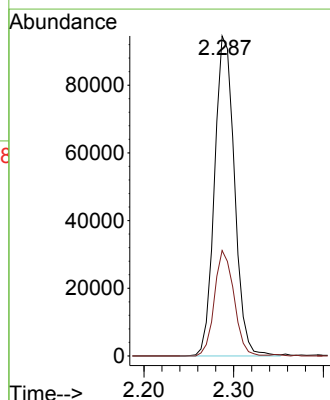
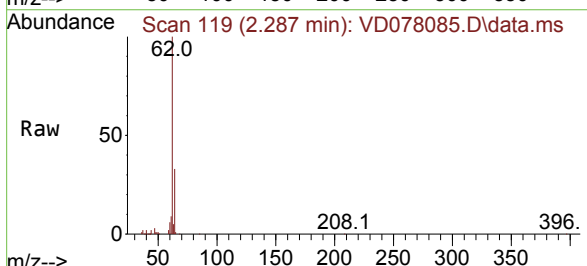
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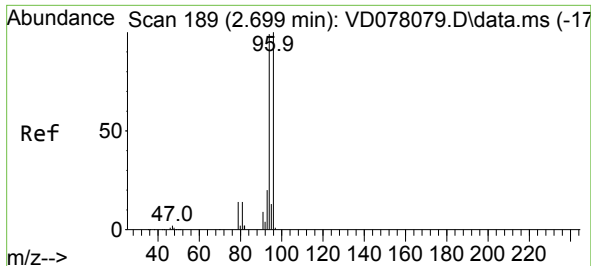
Tgt Ion: 62 Resp: 145977

Ion Ratio Lower Upper

62 100

64 32.9 26.0 39.0

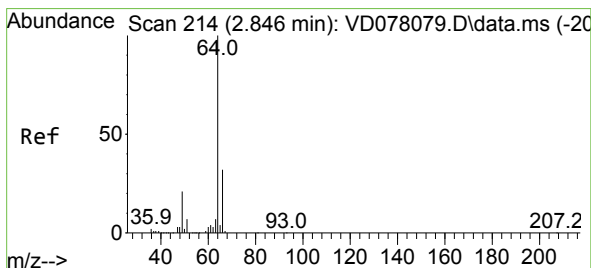
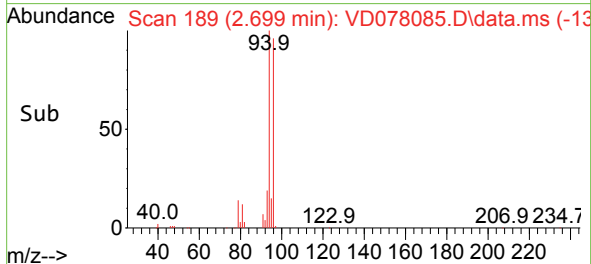
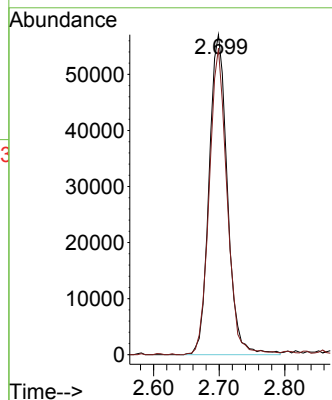
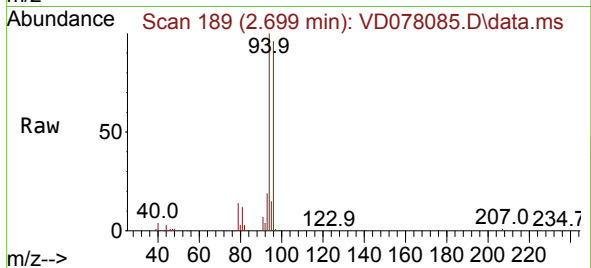




#5
Bromomethane
Concen: 44.233 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

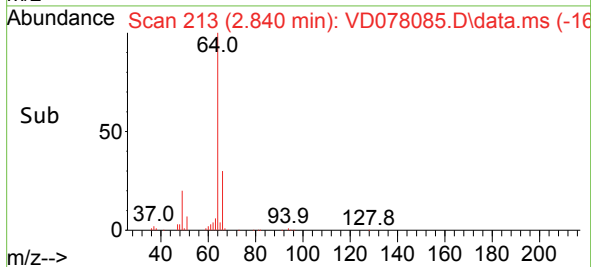
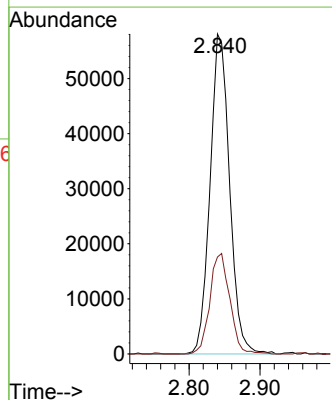
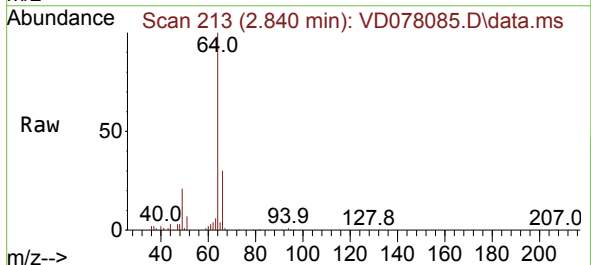
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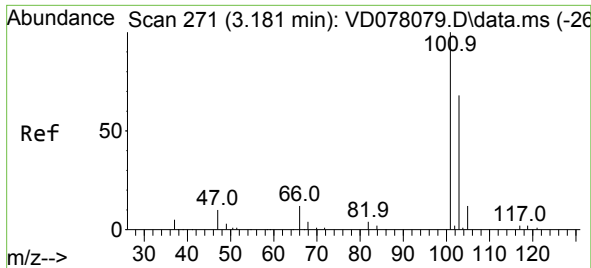
Tgt Ion: 94 Resp: 110624
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.8



#6
Chloroethane
Concen: 48.416 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 64 Resp: 110977
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3

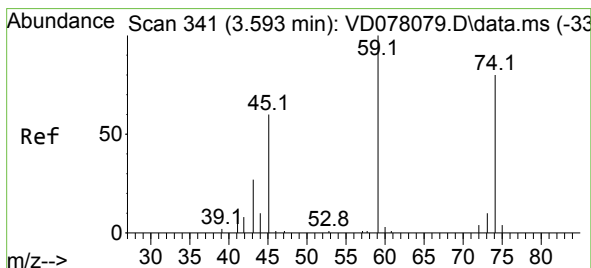
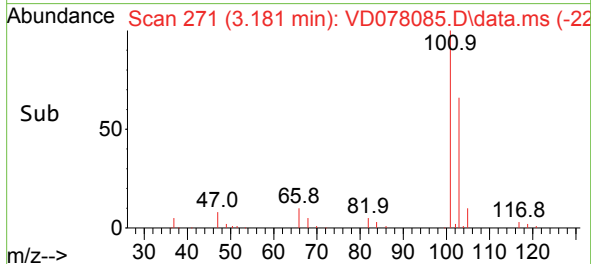
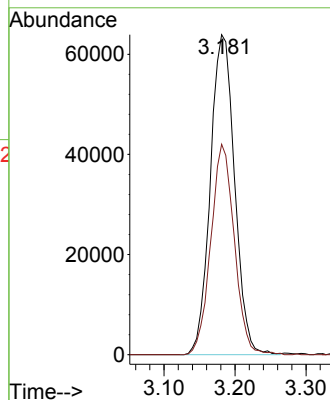
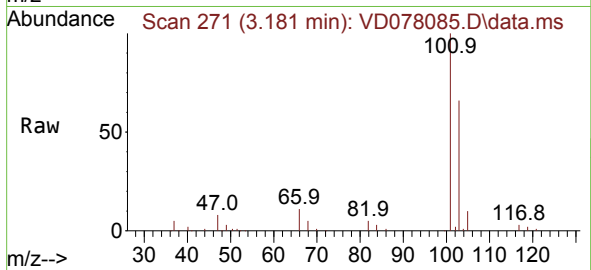




#7
Trichlorofluoromethane
Concen: 50.434 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

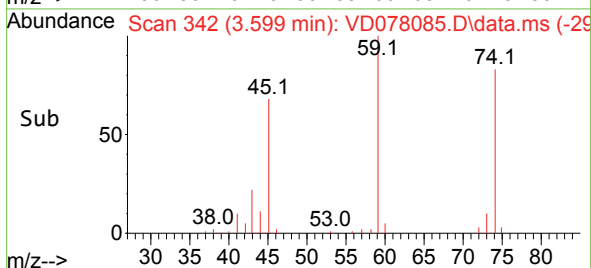
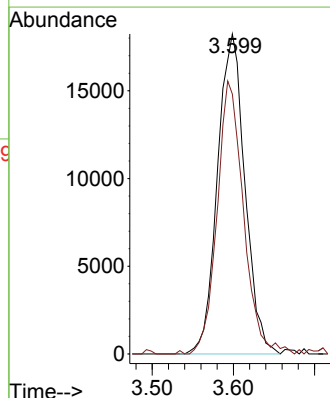
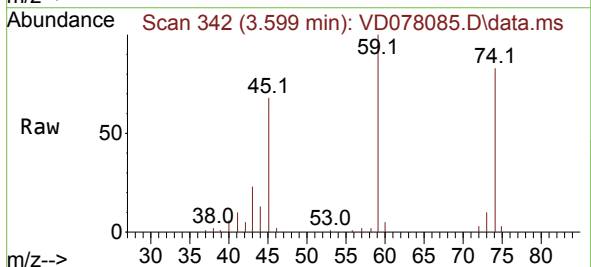
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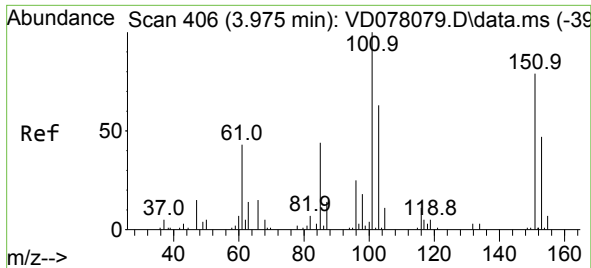
Tgt Ion:101 Resp: 151418
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5



#8
Diethyl Ether
Concen: 52.029 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 74 Resp: 42834
Ion Ratio Lower Upper
74 100
45 82.1 37.5 112.7

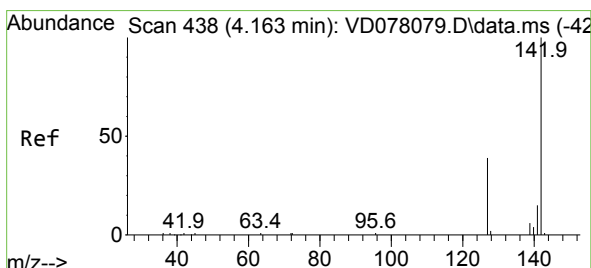
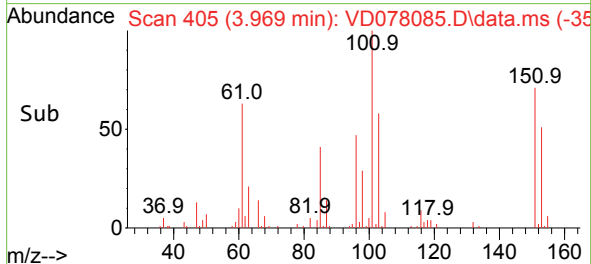
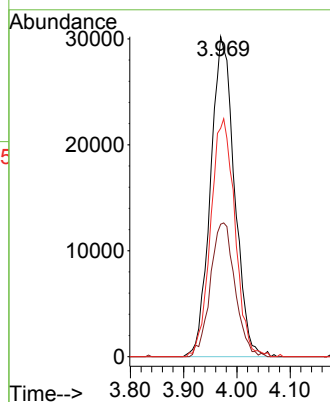
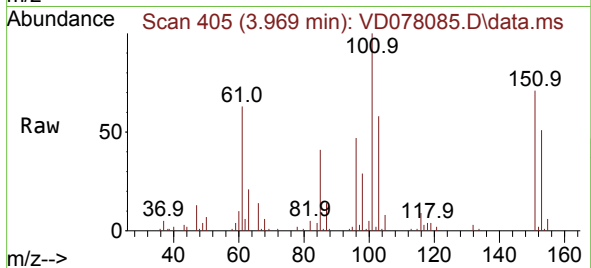




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.463 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

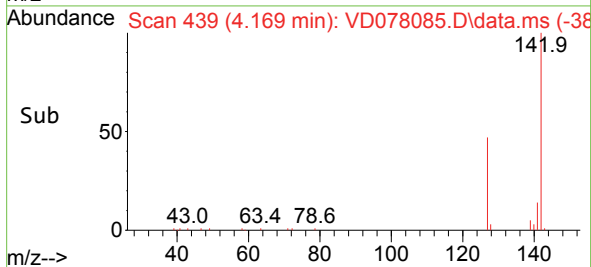
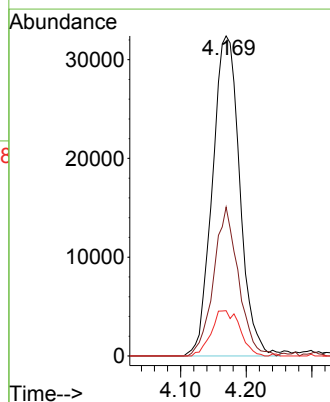
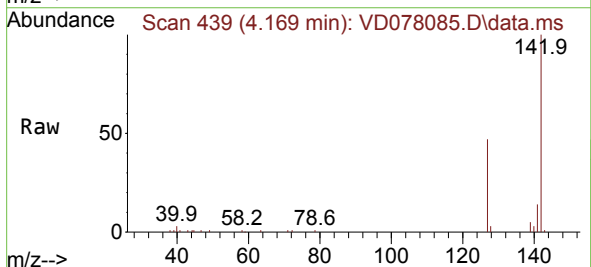
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

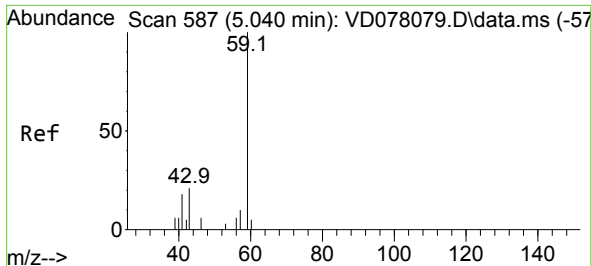
Tgt Ion:101 Resp: 94363
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 75.3 59.8 89.6



#10
Methyl Iodide
Concen: 53.458 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion:142 Resp: 93936
Ion Ratio Lower Upper
142 100
127 42.2 29.4 44.0
141 14.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 323.603 ug/l

RT: 5.040 min Scan# 587

Delta R.T. -0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

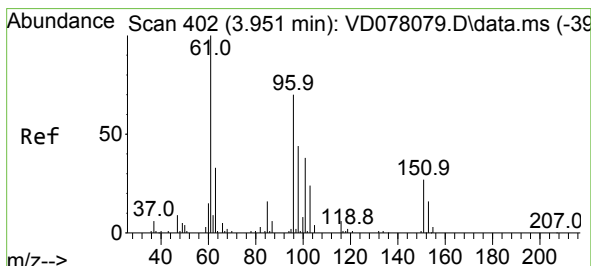
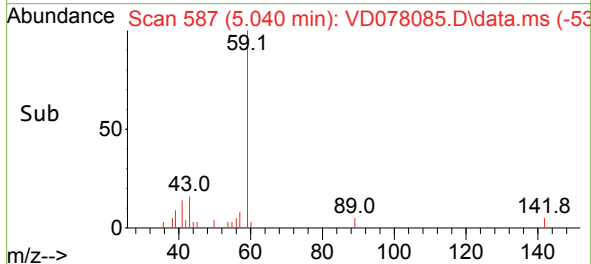
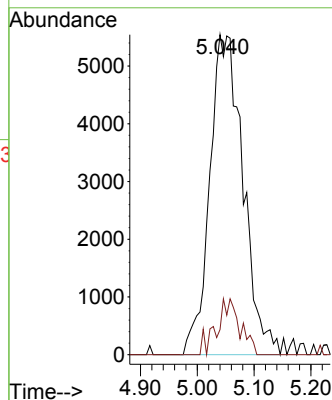
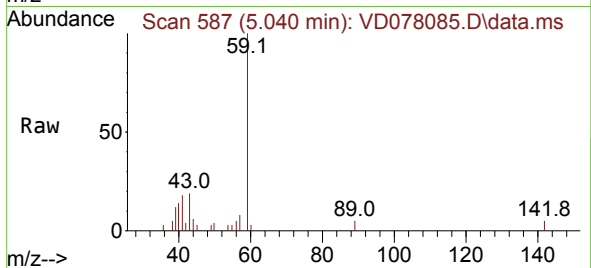
VSTDCCC050

Tgt Ion: 59 Resp: 22528

Ion Ratio Lower Upper

59 100

57 12.3 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 50.330 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.006 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

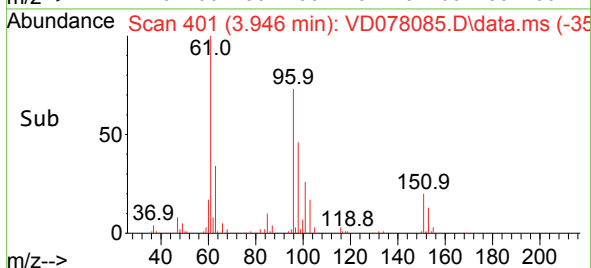
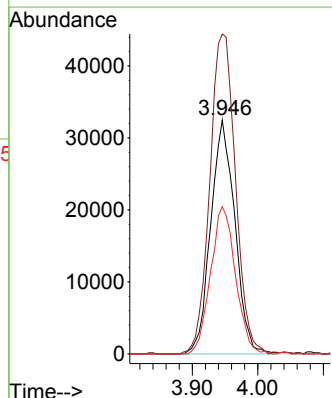
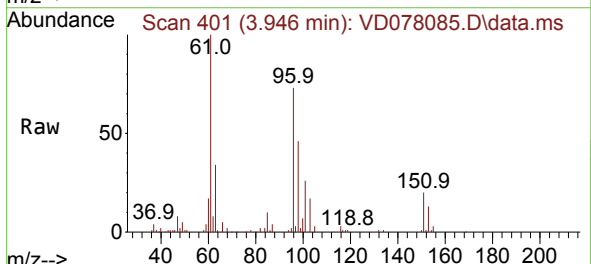
Tgt Ion: 96 Resp: 83275

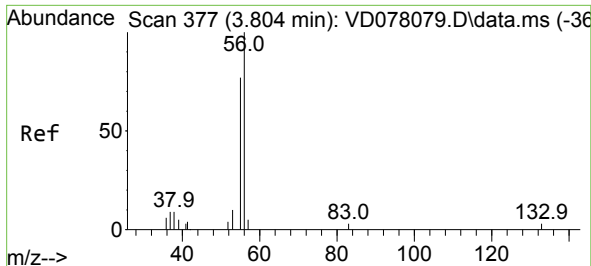
Ion Ratio Lower Upper

96 100

61 136.8 100.6 150.8

98 63.0 50.2 75.2

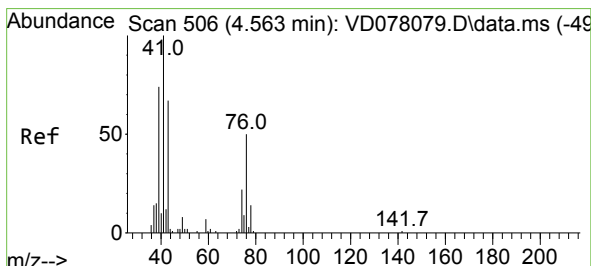
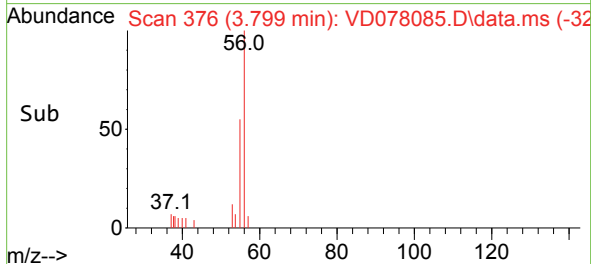
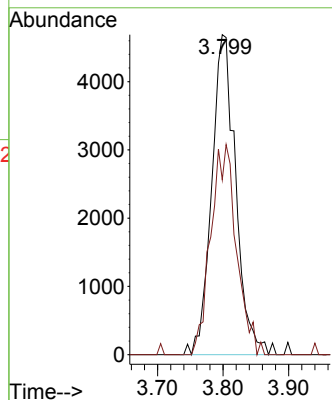
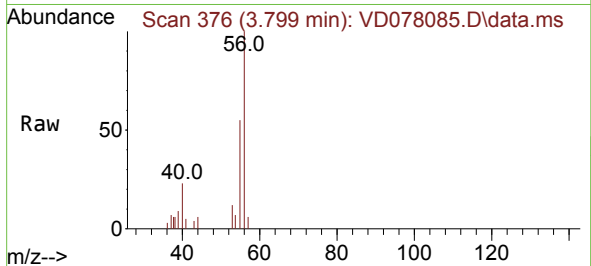




#13
Acrolein
Concen: 145.559 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

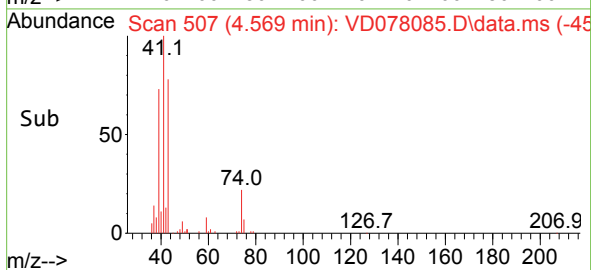
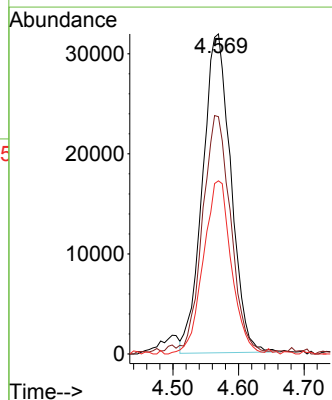
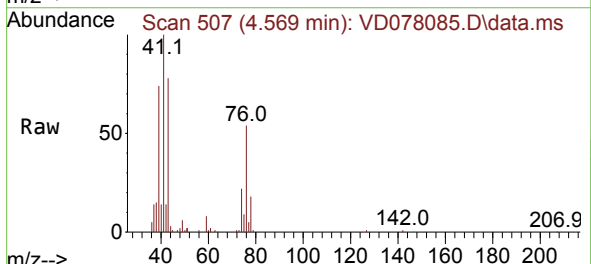
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

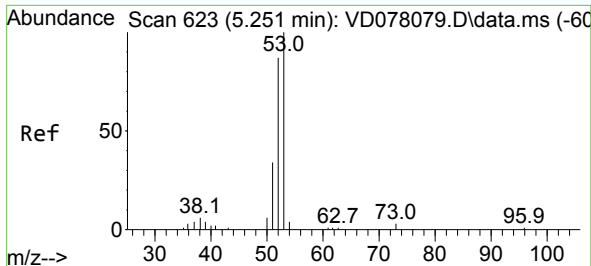
Tgt Ion: 56 Resp: 11943
Ion Ratio Lower Upper
56 100
55 70.1 55.1 82.7



#14
Allyl chloride
Concen: 47.704 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 41 Resp: 95405
Ion Ratio Lower Upper
41 100
39 72.7 53.8 80.6
76 54.0 45.8 68.8

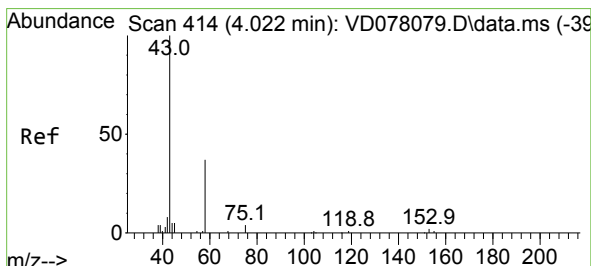
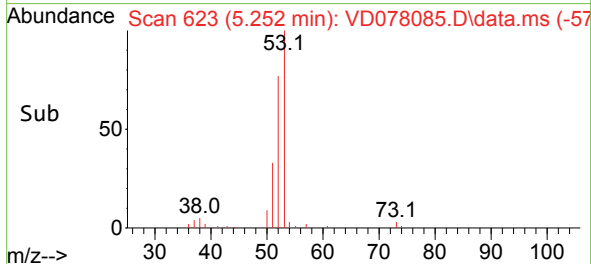
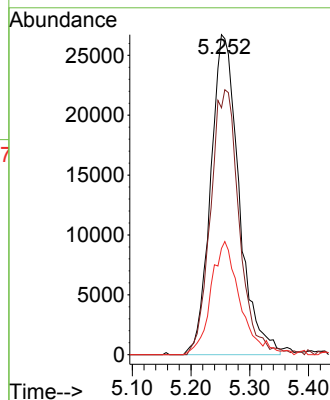
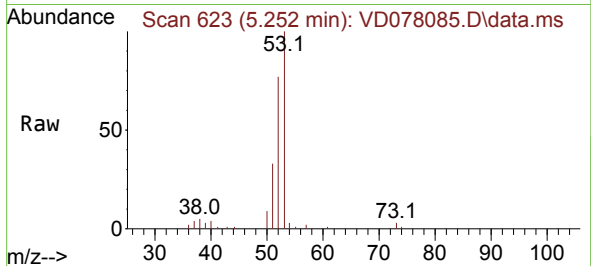




#15
Acrylonitrile
Concen: 259.305 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

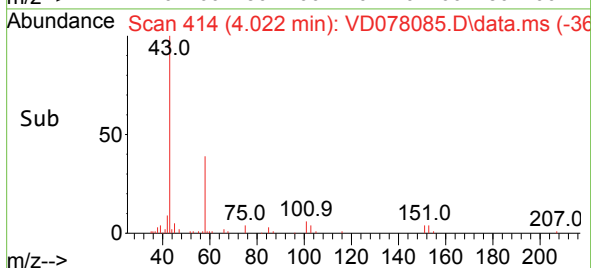
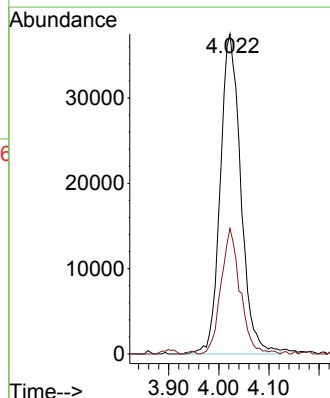
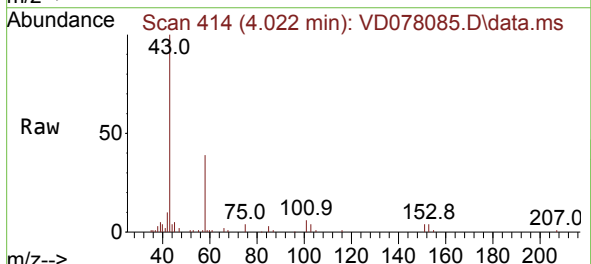
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

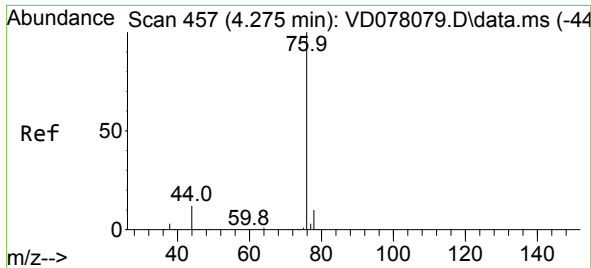
Tgt Ion:	53	Resp:	89299
Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.0	97.4
51	36.3	28.3	42.5



#16
Acetone
Concen: 348.155 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion:	43	Resp:	106944
Ion	Ratio	Lower	Upper
43	100		
58	39.2	34.7	52.1

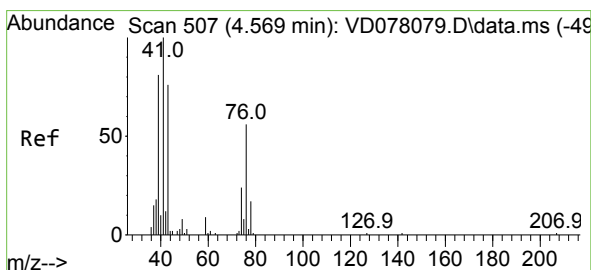
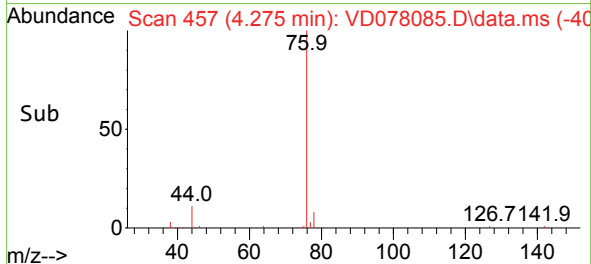
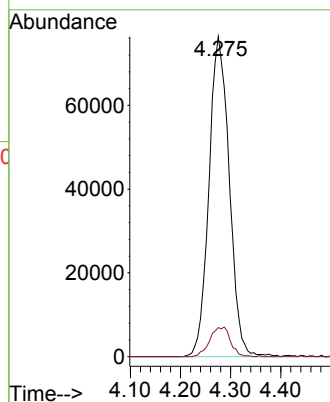
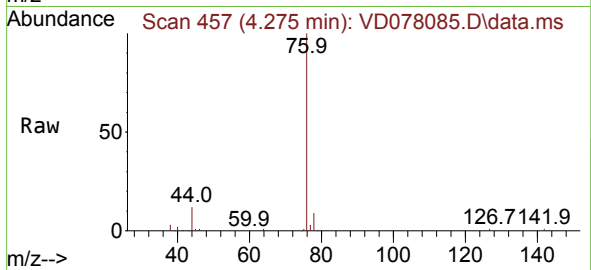




#17
Carbon Disulfide
Concen: 52.651 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

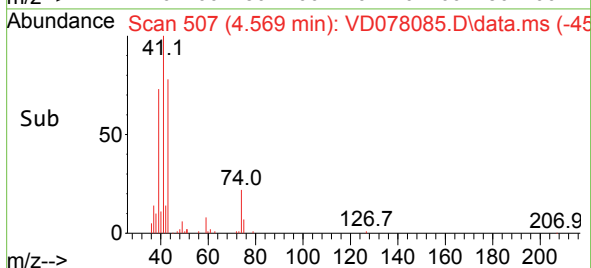
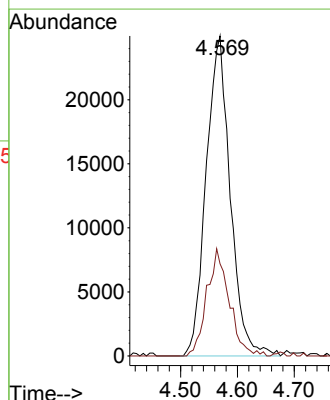
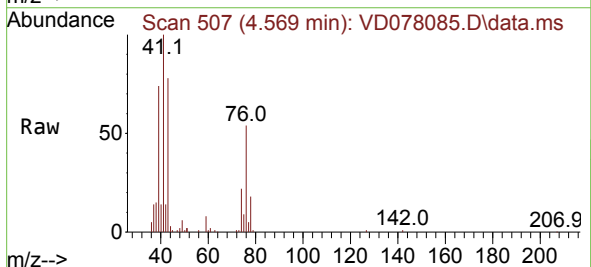
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

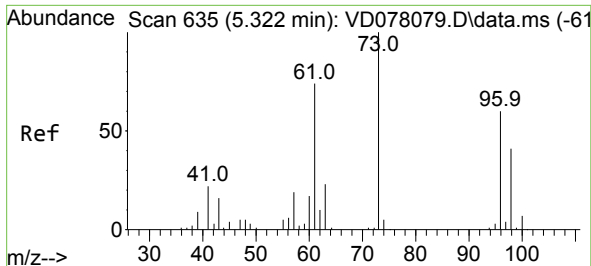
Tgt Ion: 76 Resp: 215253
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 57.648 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 43 Resp: 73604
Ion Ratio Lower Upper
43 100
74 31.1 26.4 39.6

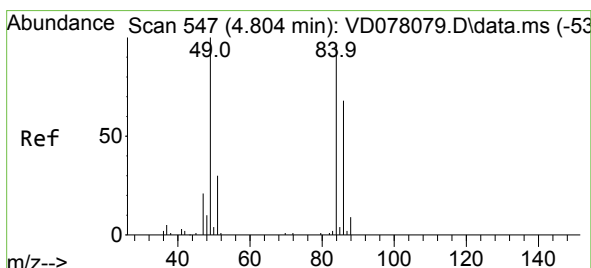
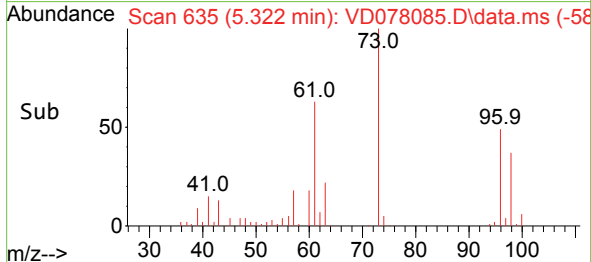
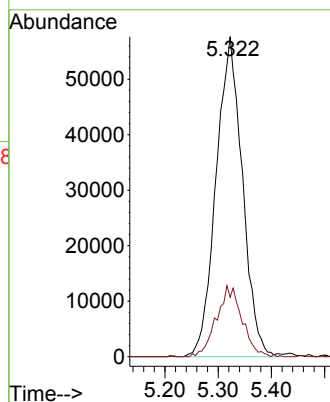
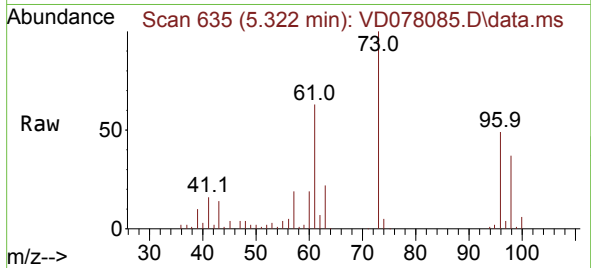




#19
Methyl tert-butyl Ether
Concen: 54.025 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

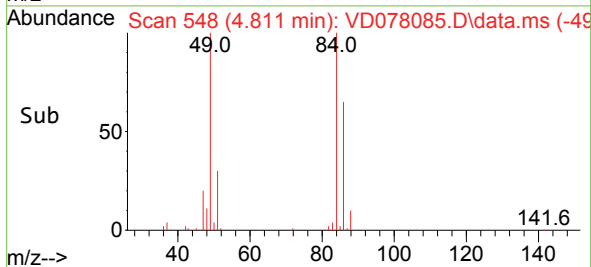
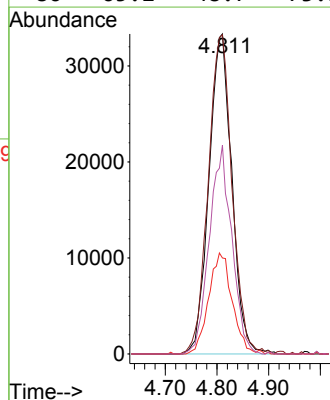
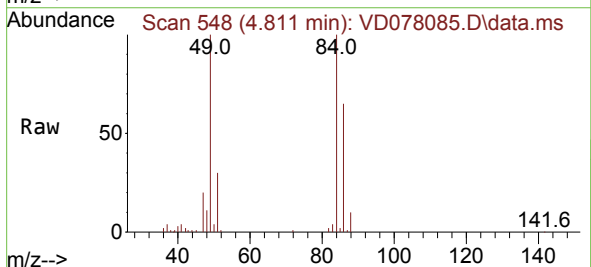
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

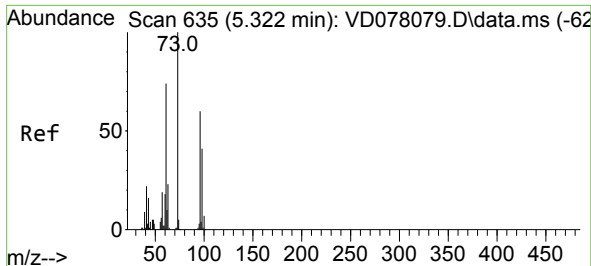
Tgt Ion: 73 Resp: 197839
Ion Ratio Lower Upper
73 100
57 18.6 16.6 25.0



#20
Methylene Chloride
Concen: 54.046 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 84 Resp: 102685
Ion Ratio Lower Upper
84 100
49 99.8 71.4 107.2
51 30.0 24.5 36.7
86 65.2 48.7 73.1

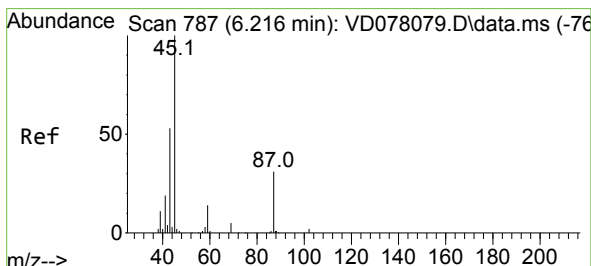
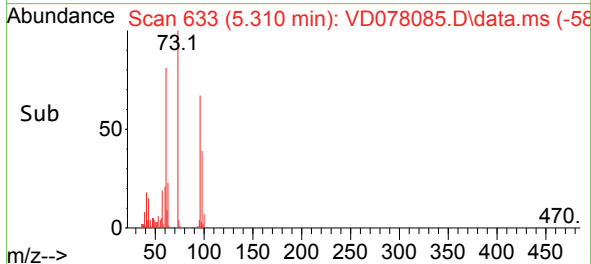
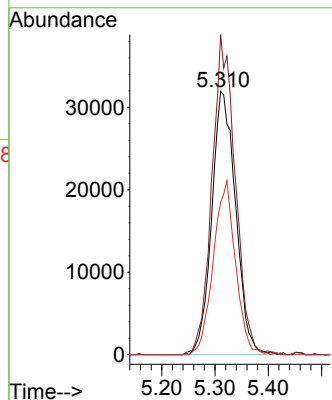
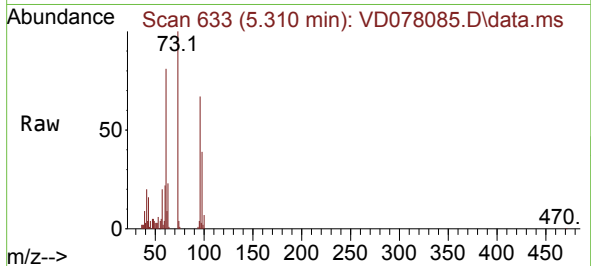




#21
trans-1,2-Dichloroethene
Concen: 52.354 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

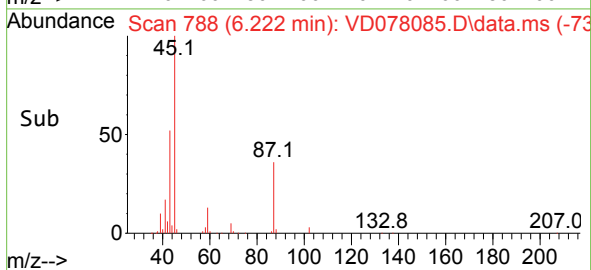
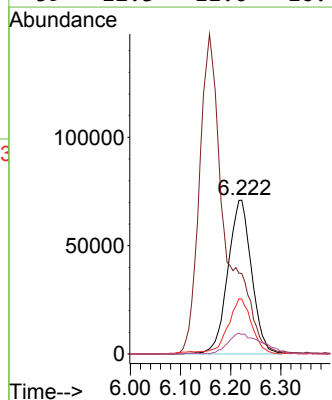
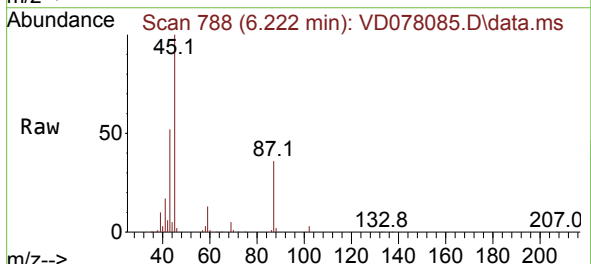
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

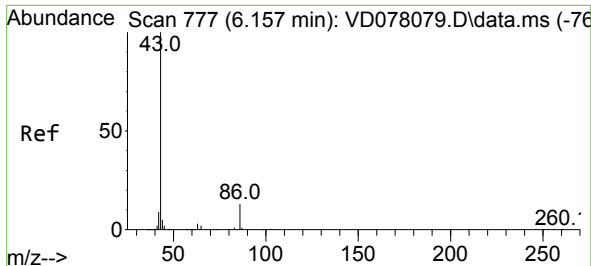
Tgt Ion: 96 Resp: 99575
Ion Ratio Lower Upper
96 100
61 121.5 89.3 133.9
98 57.9 48.6 73.0



#22
Diisopropyl ether
Concen: 52.170 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 45 Resp: 233051
Ion Ratio Lower Upper
45 100
43 51.2 40.0 60.0
87 35.6 28.2 42.4
59 12.3 11.0 16.4

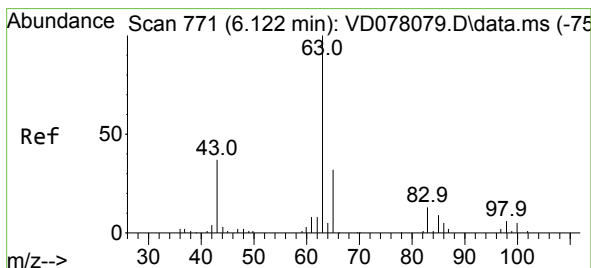
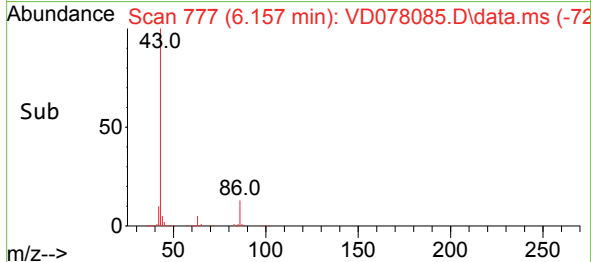
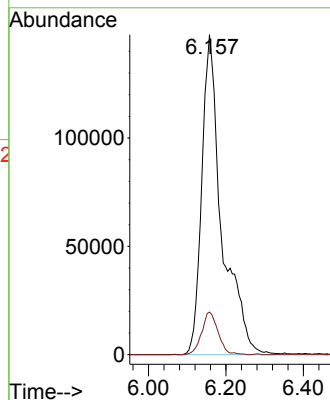
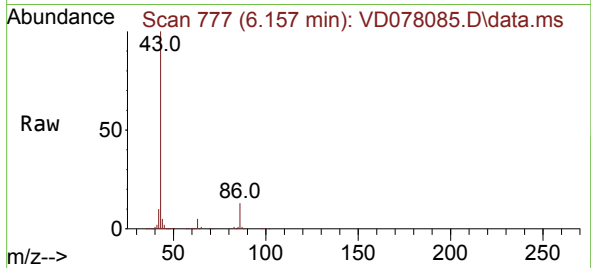




#23
 Vinyl Acetate
 Concen: 310.558 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078085.D
 Acq: 28 Dec 2023 09:10

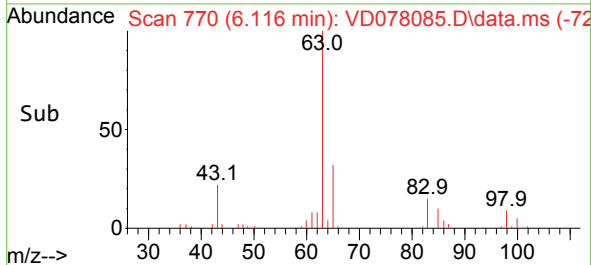
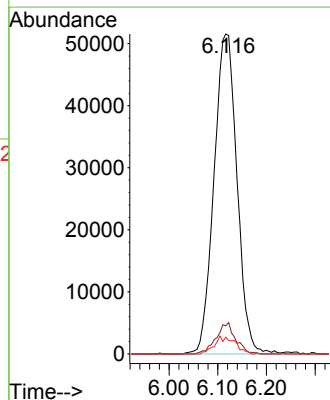
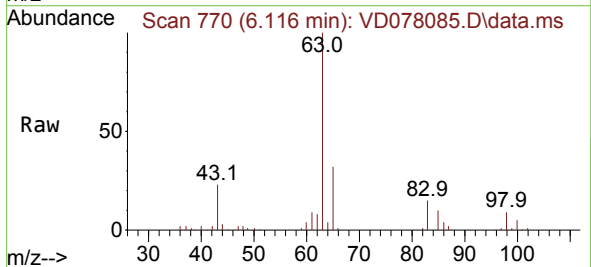
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

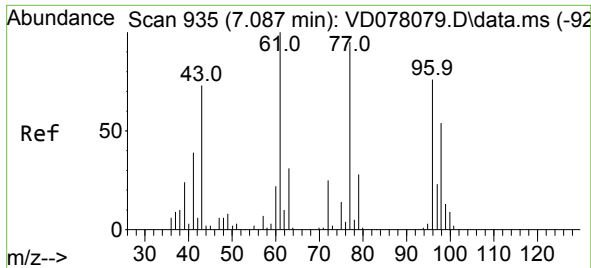
Tgt Ion: 43 Resp: 530377
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 51.184 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078085.D
 Acq: 28 Dec 2023 09:10

Tgt Ion: 63 Resp: 169205
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 5.3 2.5 7.5

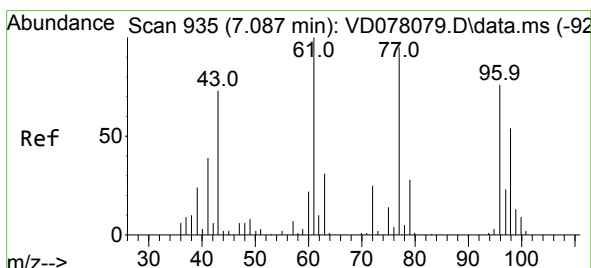
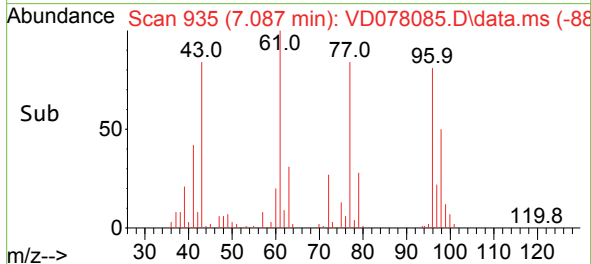
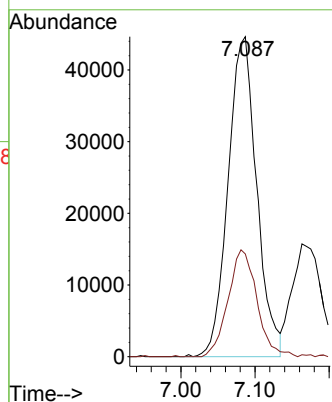
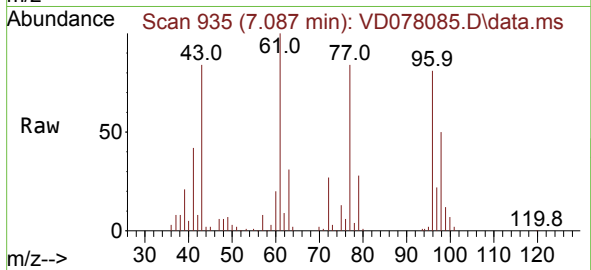




#25
2-Butanone
Concen: 292.867 ug/l
RT: 7.087 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

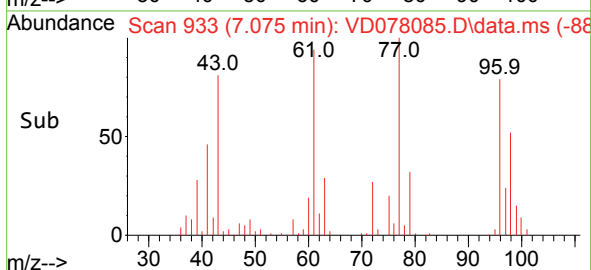
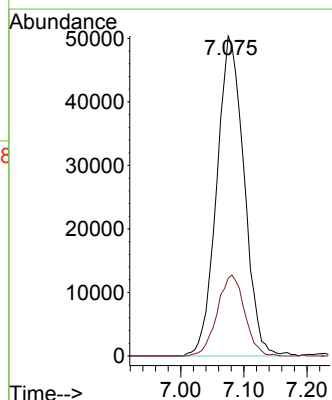
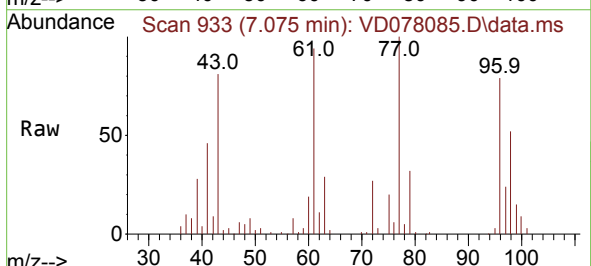
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

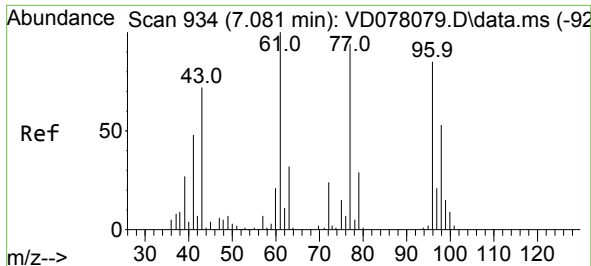
Tgt Ion: 43 Resp: 119923
Ion Ratio Lower Upper
43 100
72 32.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 50.865 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 77 Resp: 151071
Ion Ratio Lower Upper
77 100
97 25.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 52.009 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

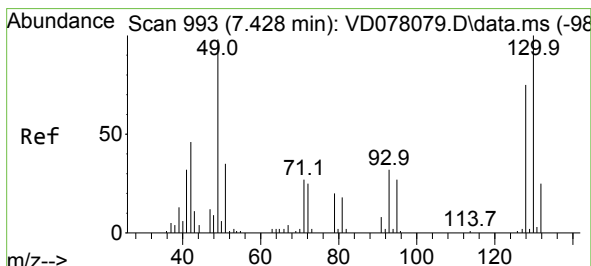
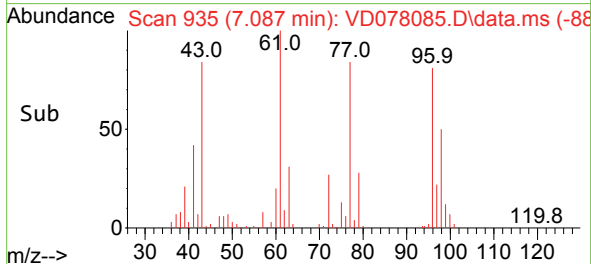
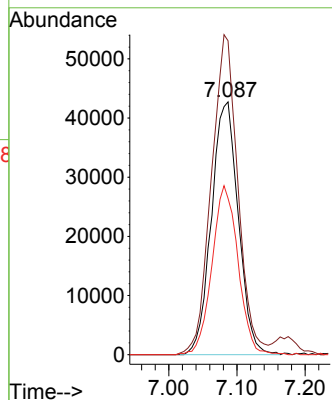
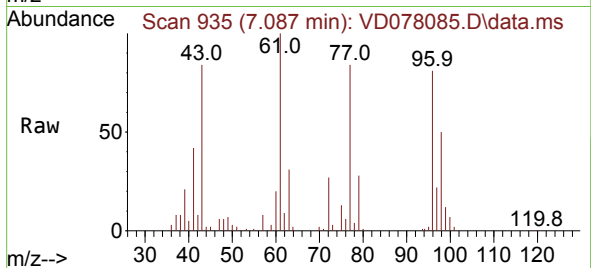
Tgt Ion: 96 Resp: 117354

Ion Ratio Lower Upper

96 100

61 124.8 0.0 239.2

98 64.8 0.0 128.6



#28

Bromochloromethane

Concen: 44.895 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

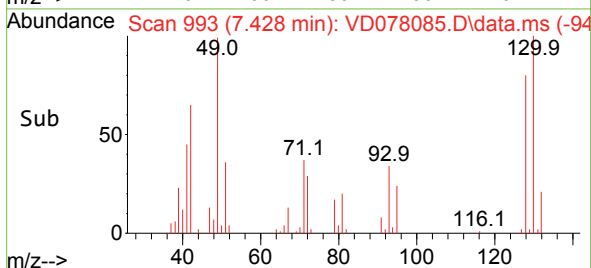
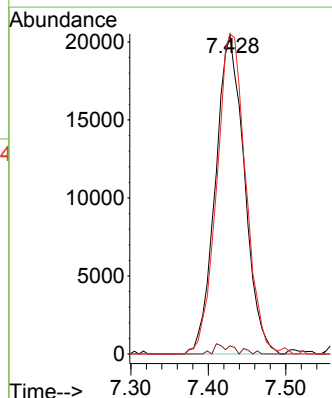
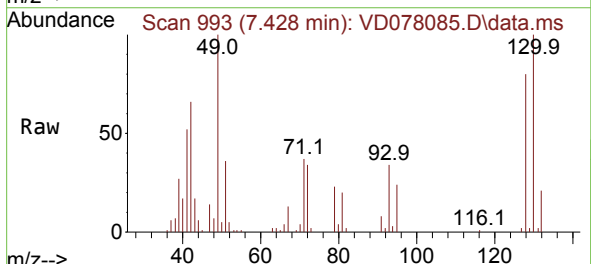
Tgt Ion: 49 Resp: 53098

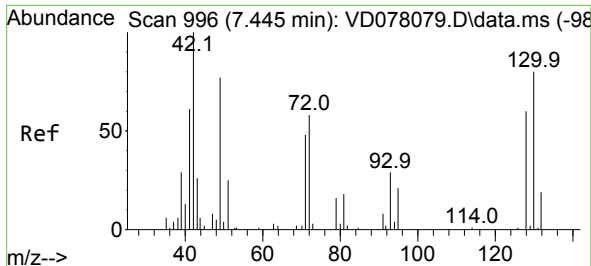
Ion Ratio Lower Upper

49 100

129 1.7 0.0 6.0

130 101.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 259.781 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

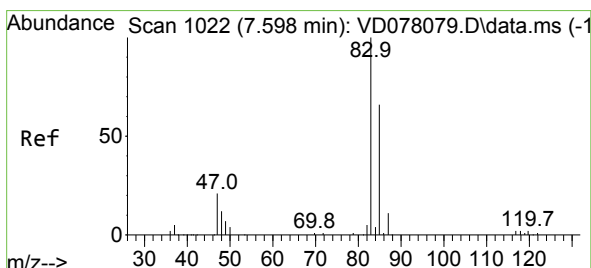
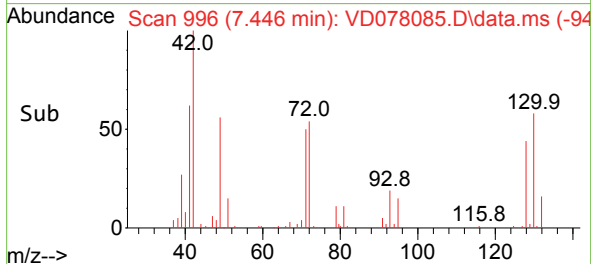
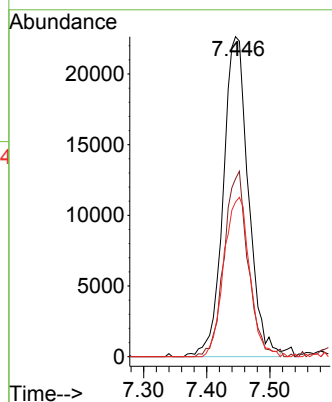
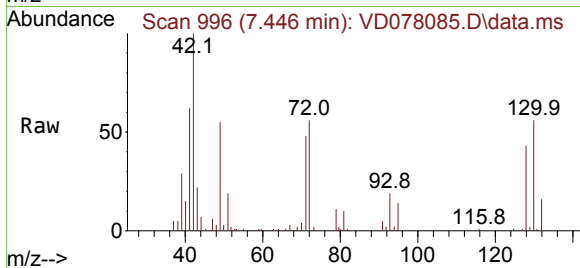
Tgt Ion: 42 Resp: 62649

Ion Ratio Lower Upper

42 100

72 55.3 46.5 69.7

71 51.3 44.5 66.7



#30

Chloroform

Concen: 51.196 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078085.D

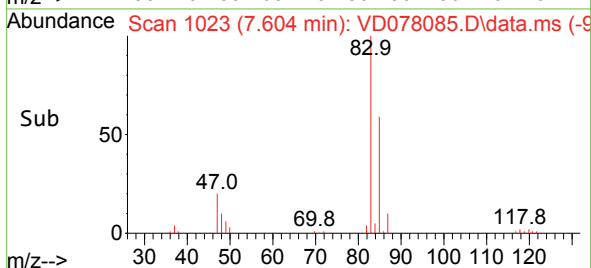
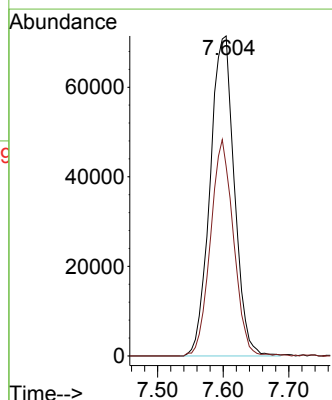
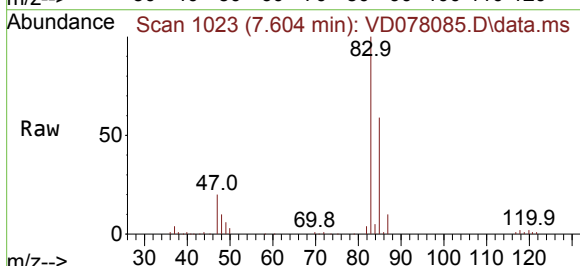
Acq: 28 Dec 2023 09:10

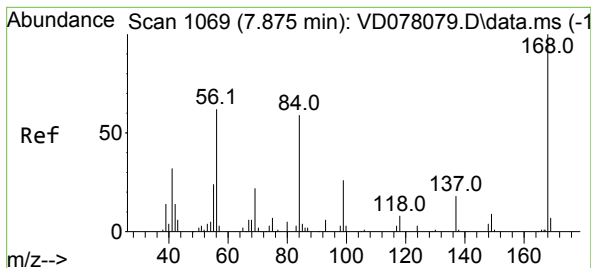
Tgt Ion: 83 Resp: 183413

Ion Ratio Lower Upper

83 100

85 59.3 53.4 80.2





#31

Cyclohexane

Concen: 50.378 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

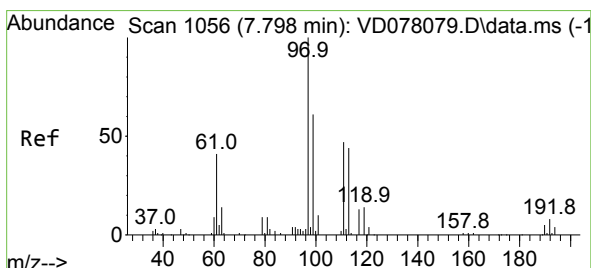
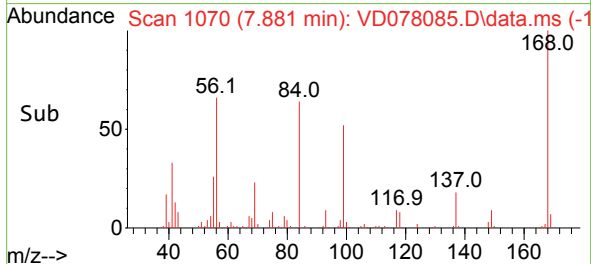
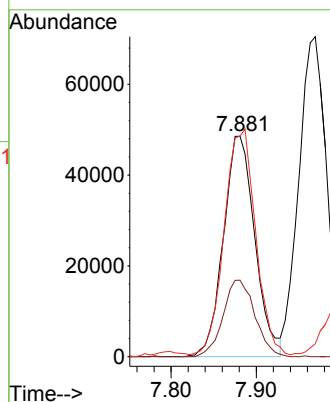
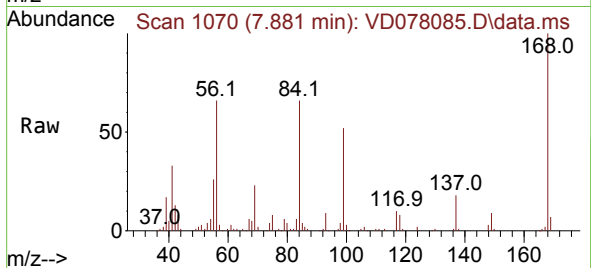
Tgt Ion: 56 Resp: 125199

Ion Ratio Lower Upper

56 100

69 34.2 28.6 43.0

84 98.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 53.362 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

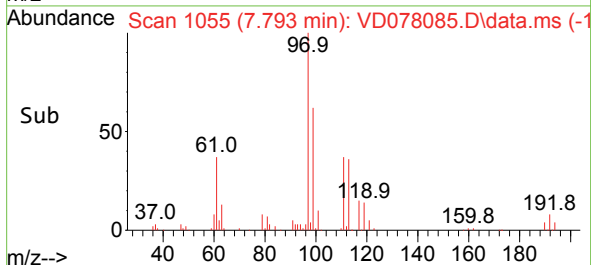
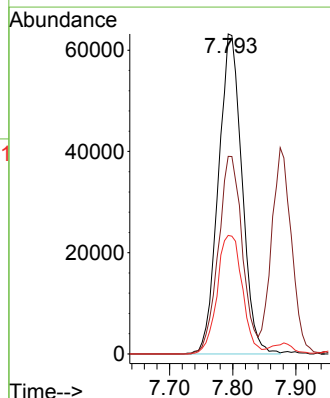
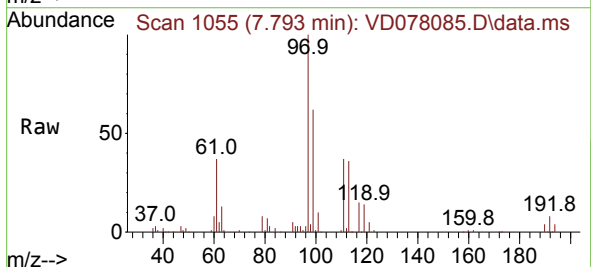
Tgt Ion: 97 Resp: 164298

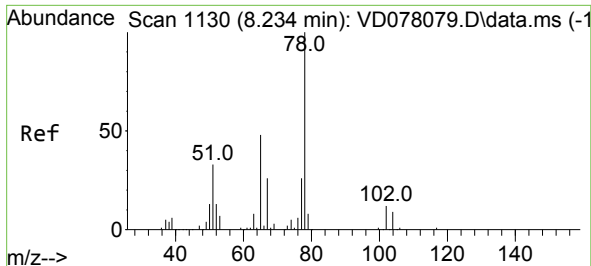
Ion Ratio Lower Upper

97 100

99 62.7 52.0 78.0

61 39.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.179 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

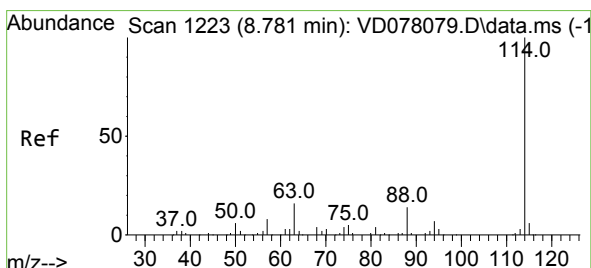
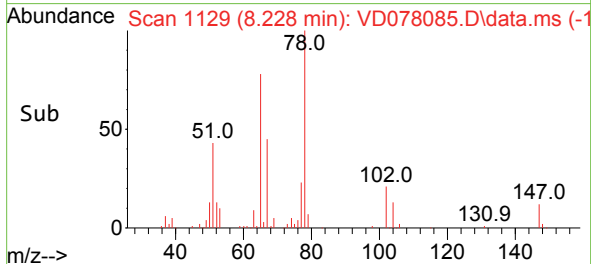
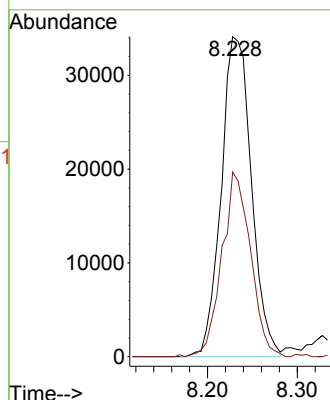
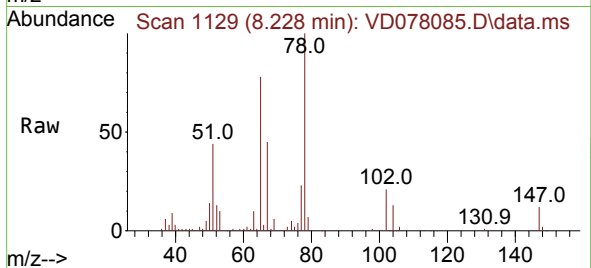
VSTDCCC050

Tgt Ion: 65 Resp: 79730

Ion Ratio Lower Upper

65 100

67 54.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

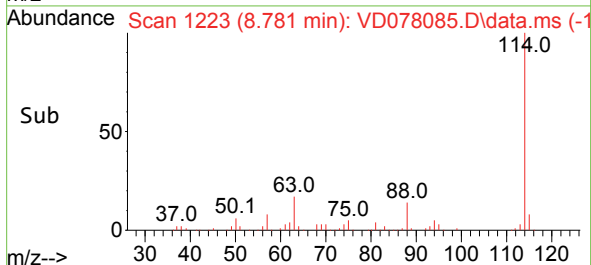
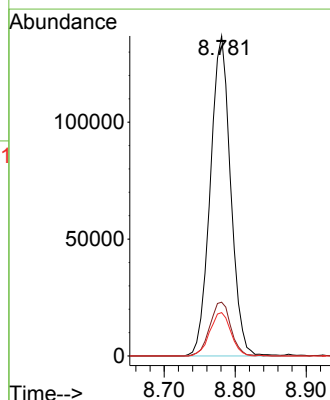
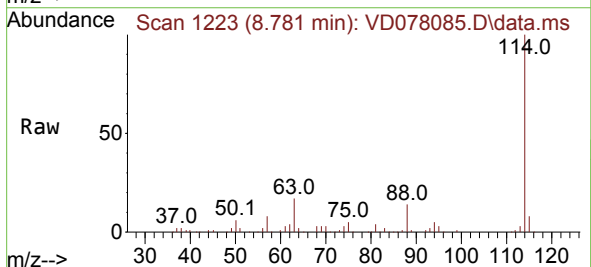
Tgt Ion: 114 Resp: 271900

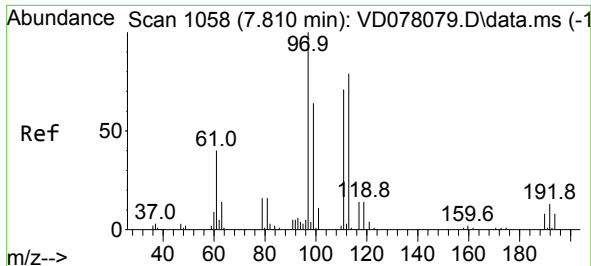
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.304 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

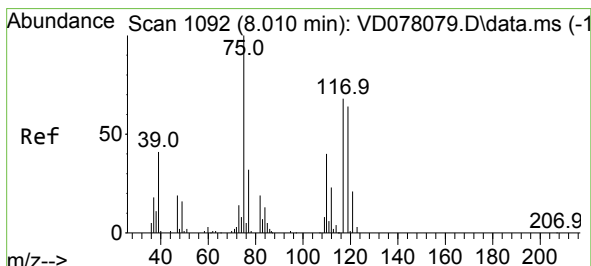
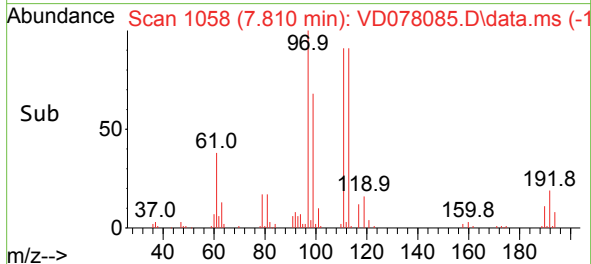
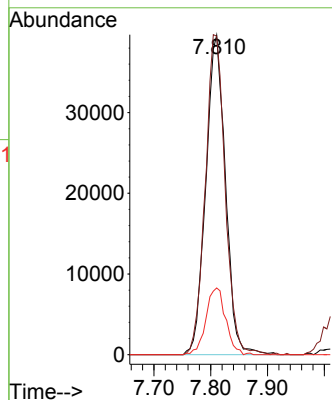
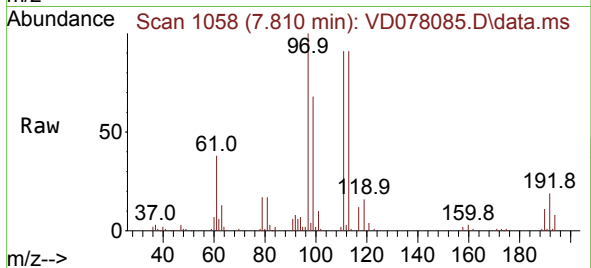
Tgt Ion:113 Resp: 95005

Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 21.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 53.853 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

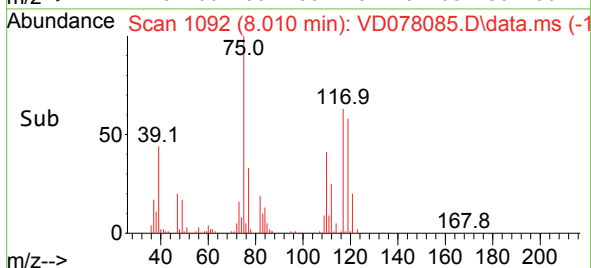
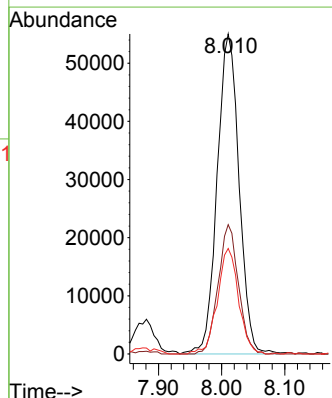
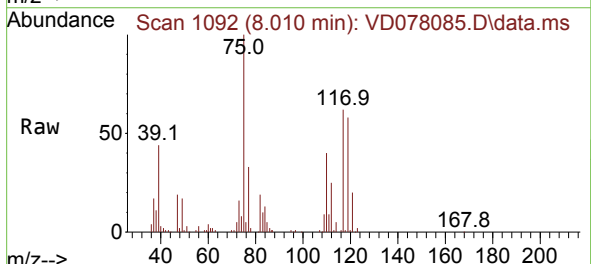
Tgt Ion: 75 Resp: 132564

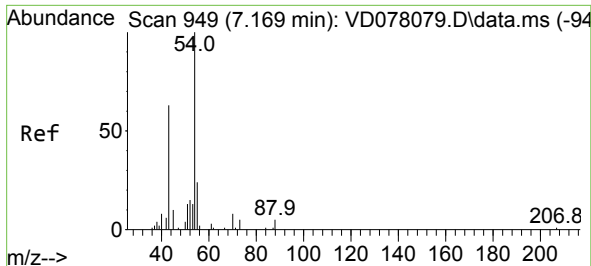
Ion Ratio Lower Upper

75 100

110 37.6 19.9 59.6

77 32.0 24.7 37.1

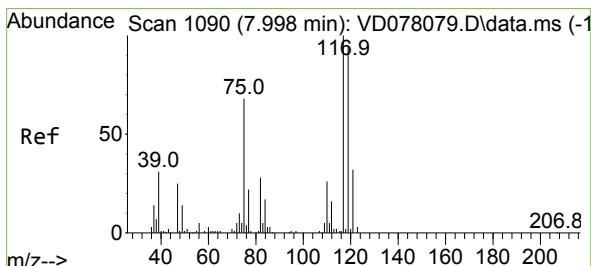
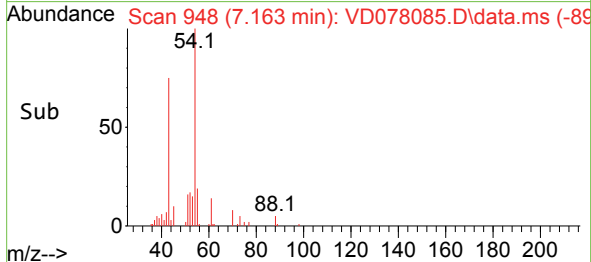
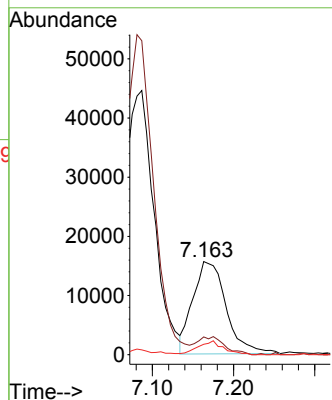
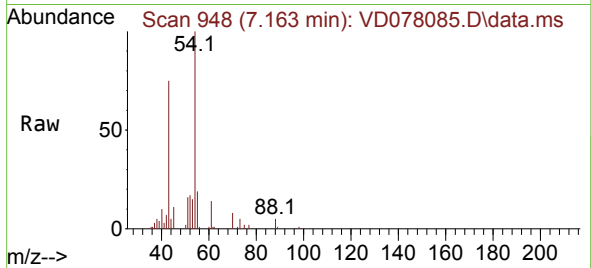




#37
Ethyl Acetate
Concen: 54.297 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

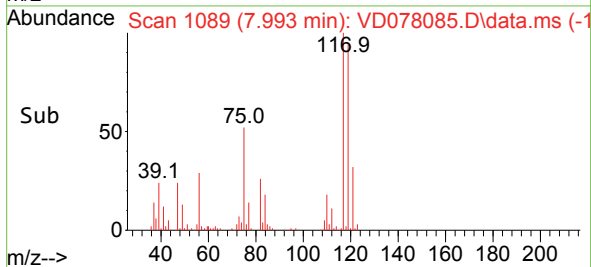
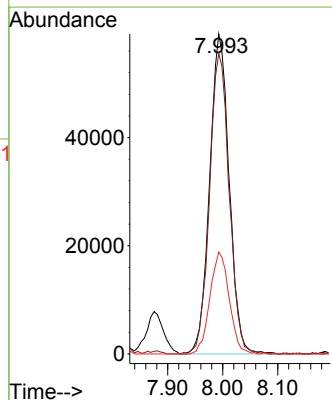
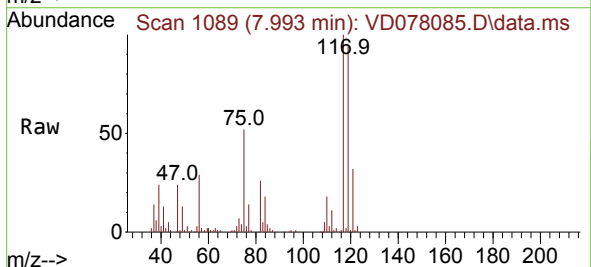
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

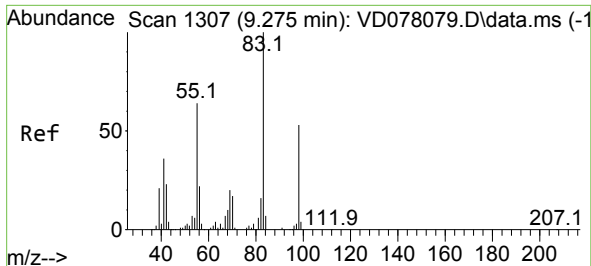
Tgt Ion: 43 Resp: 44453
Ion Ratio Lower Upper
43 100
61 16.3 14.9 22.3
70 11.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 54.809 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 117 Resp: 146198
Ion Ratio Lower Upper
117 100
119 93.9 78.0 117.0
121 31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 54.766 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

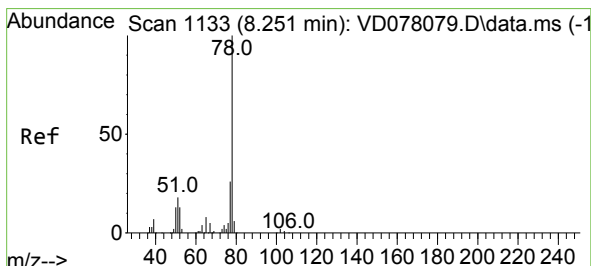
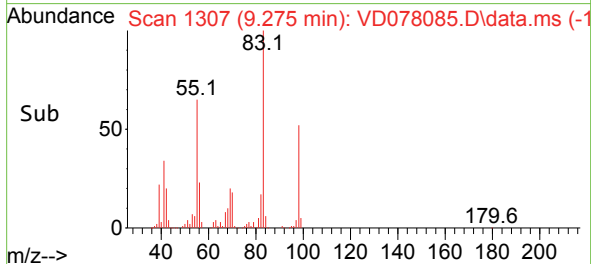
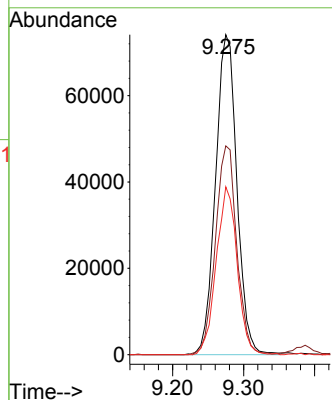
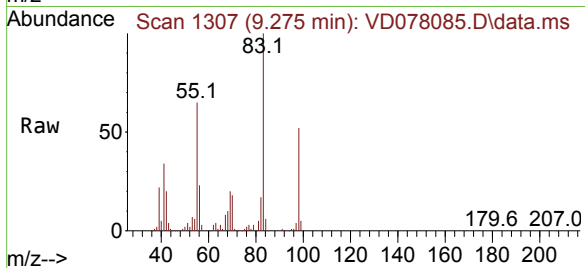
Tgt Ion: 83 Resp: 154558

Ion Ratio Lower Upper

83 100

55 65.3 49.4 74.0

98 52.4 38.4 57.6



#40

Benzene

Concen: 54.960 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078085.D

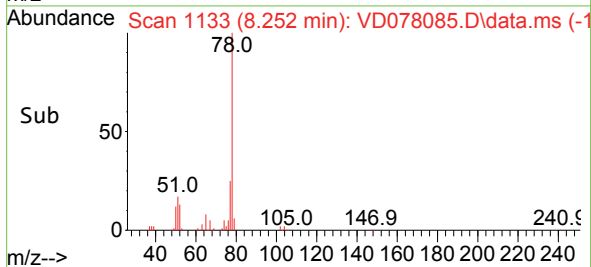
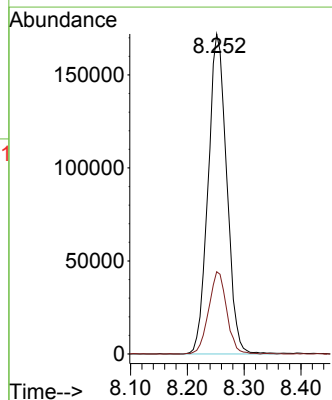
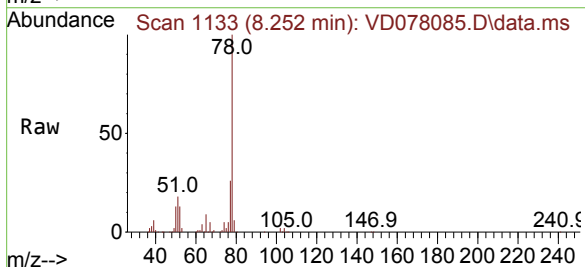
Acq: 28 Dec 2023 09:10

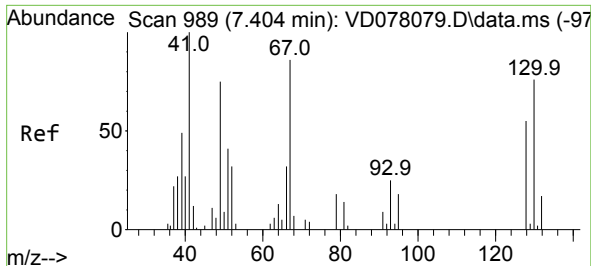
Tgt Ion: 78 Resp: 389930

Ion Ratio Lower Upper

78 100

77 25.7 19.4 29.0

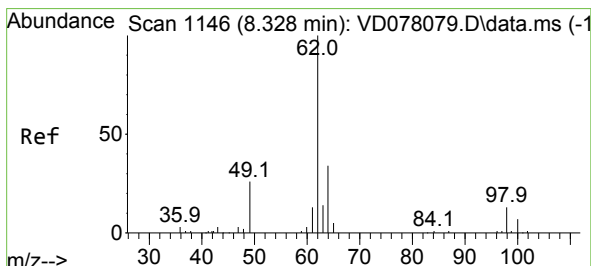
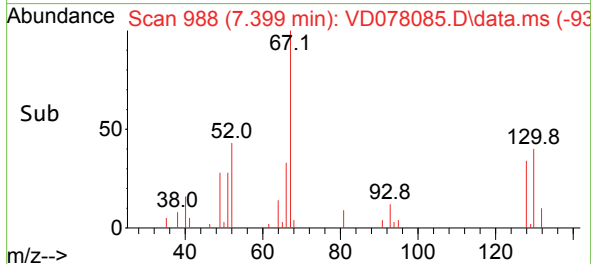
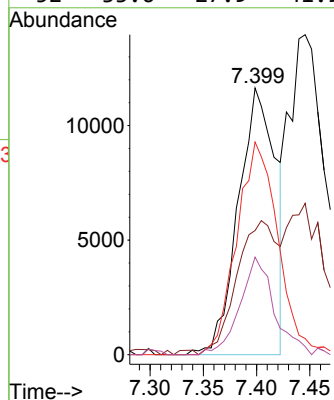
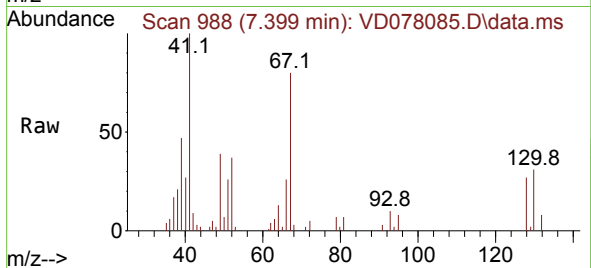




#41
Methacrylonitrile
Concen: 54.735 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

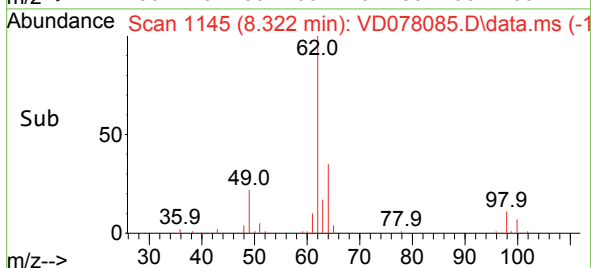
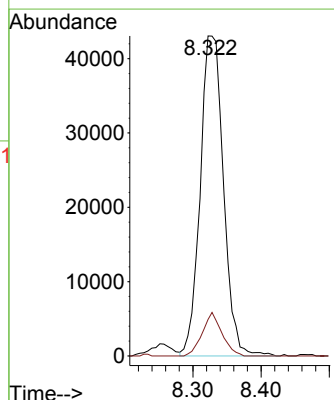
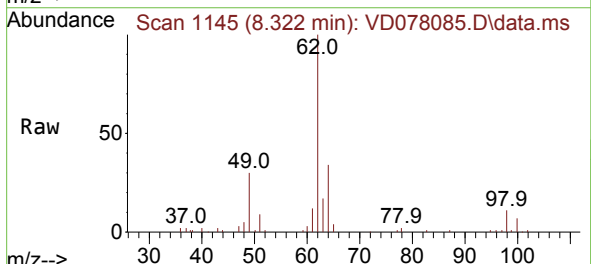
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

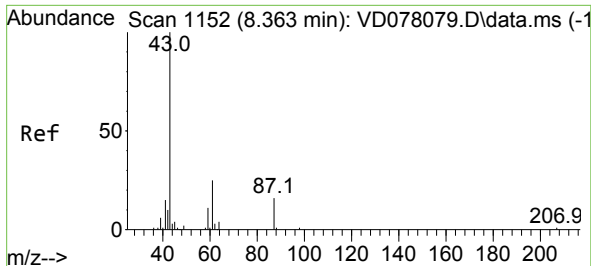
Tgt Ion: 41 Resp: 28350
Ion Ratio Lower Upper
41 100
39 55.2 34.0 51.0#
67 88.0 77.0 115.4
52 33.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 53.337 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 62 Resp: 102265
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4





#43

Isopropyl Acetate

Concen: 54.110 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

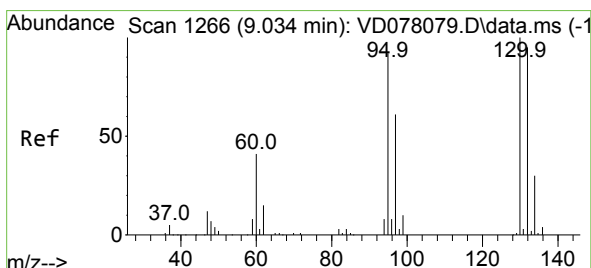
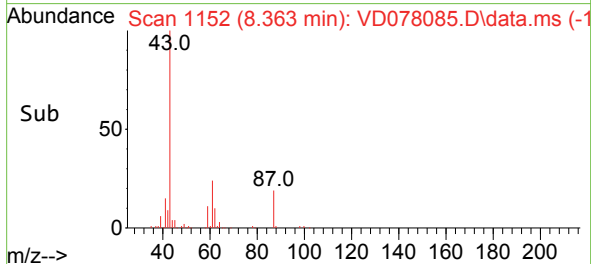
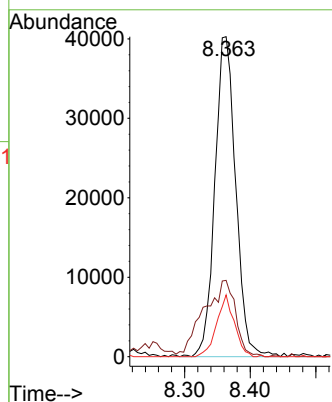
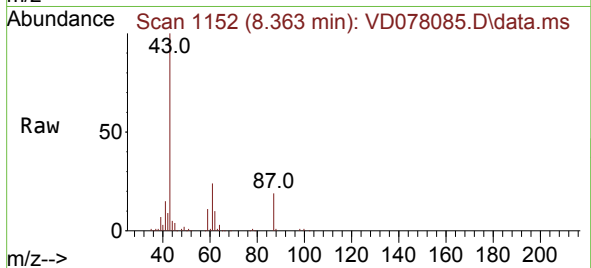
Tgt Ion: 43 Resp: 88691

Ion Ratio Lower Upper

43 100

61 36.3 31.4 47.0

87 16.4 14.9 22.3



#44

Trichloroethene

Concen: 54.394 ug/l

RT: 9.034 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VD078085.D

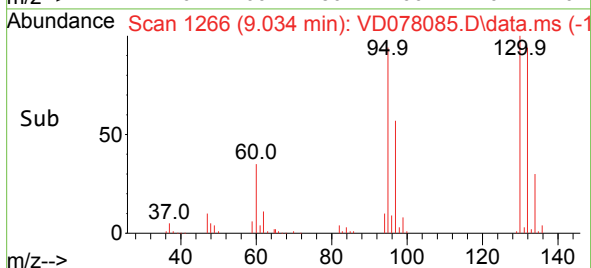
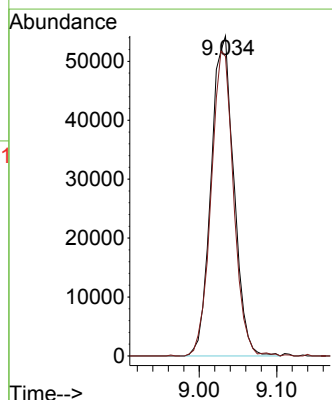
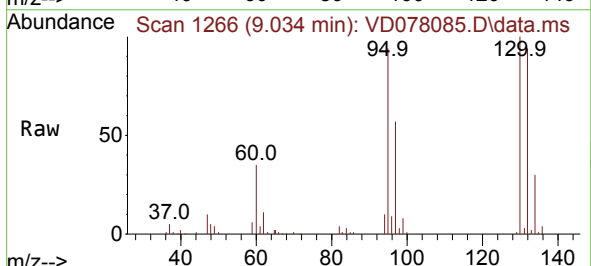
Acq: 28 Dec 2023 09:10

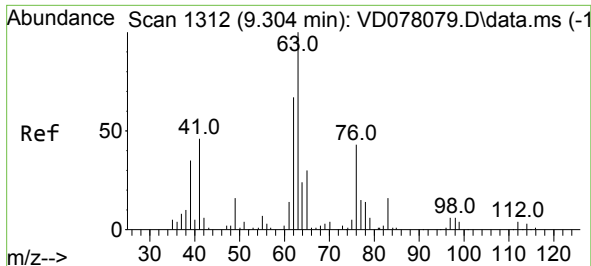
Tgt Ion:130 Resp: 111027

Ion Ratio Lower Upper

130 100

95 93.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.939 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

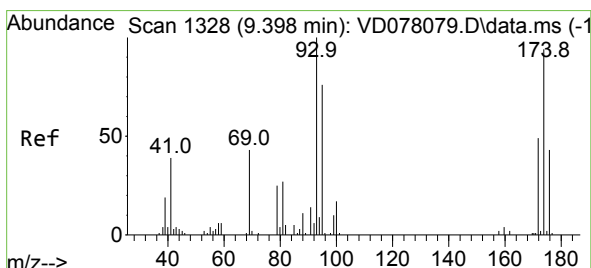
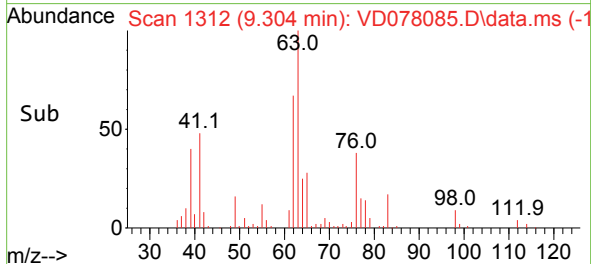
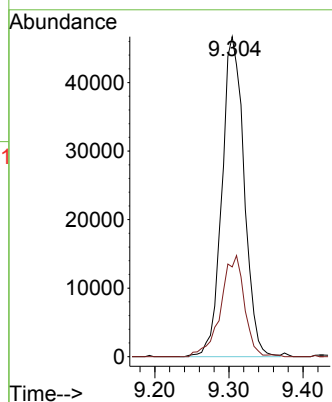
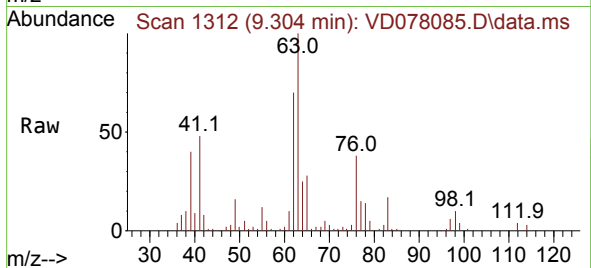
VSTDCCC050

Tgt Ion: 63 Resp: 96971

Ion Ratio Lower Upper

63 100

65 28.1 24.5 36.7



#46

Dibromomethane

Concen: 55.586 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

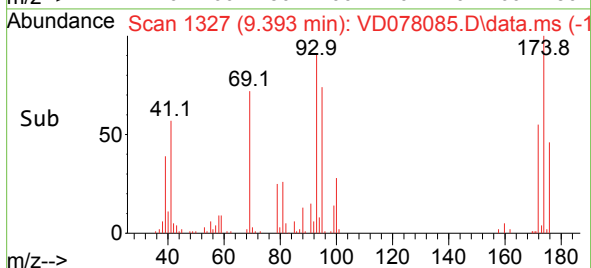
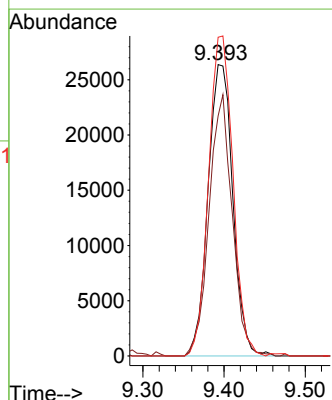
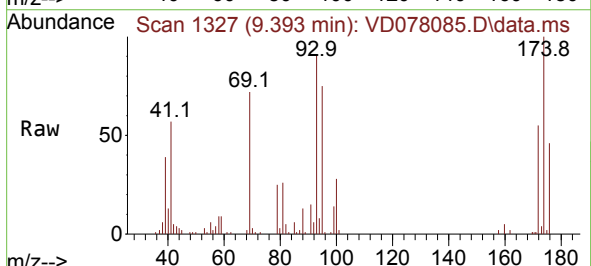
Tgt Ion: 93 Resp: 55970

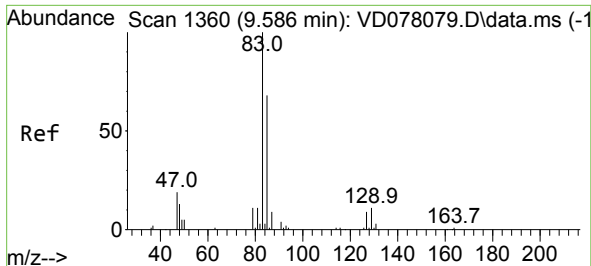
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 107.7 85.4 128.2

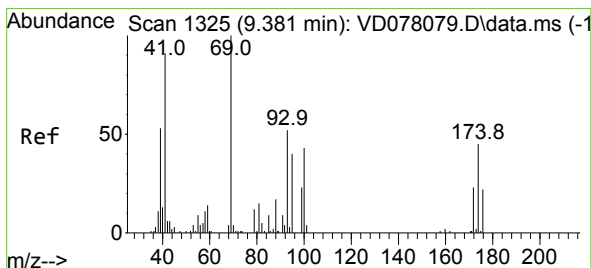
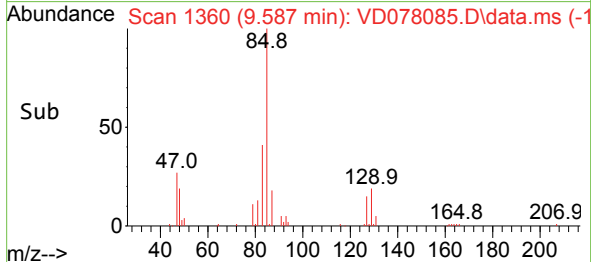
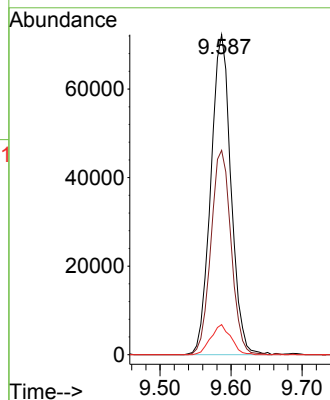
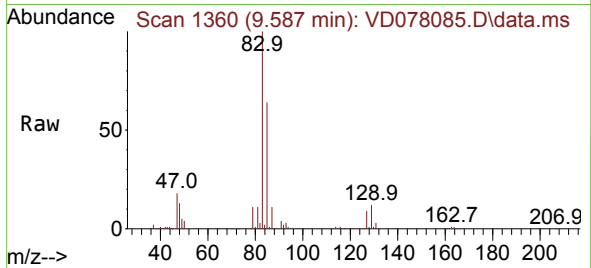




#47
Bromodichloromethane
Concen: 54.404 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

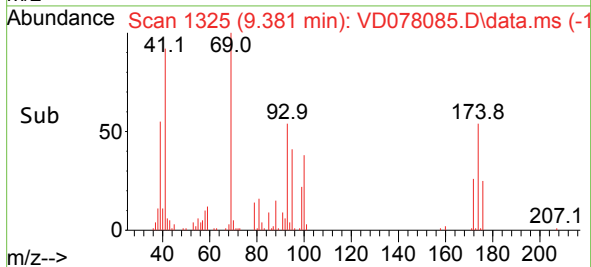
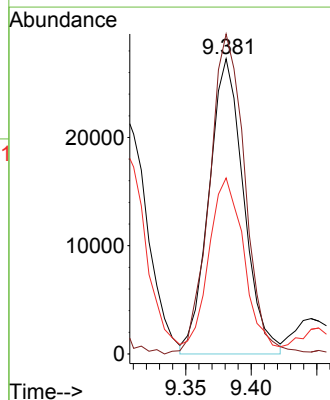
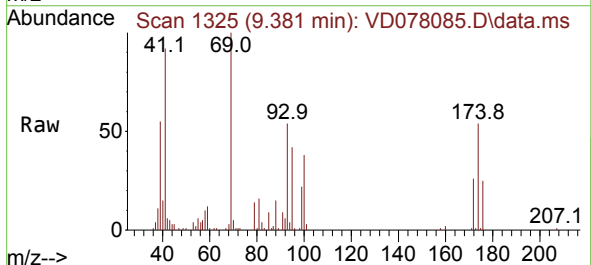
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

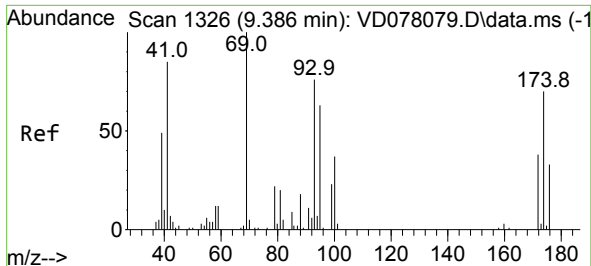
Tgt Ion: 83 Resp: 142297
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 54.432 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 41 Resp: 50281
Ion Ratio Lower Upper
41 100
69 110.4 102.2 153.2
39 59.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1162.757 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

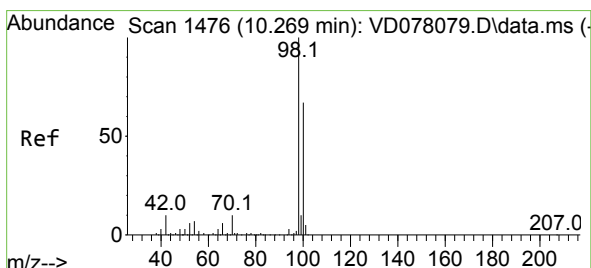
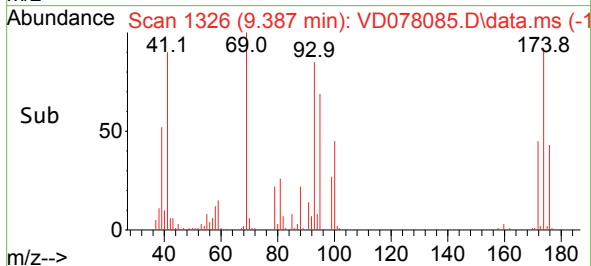
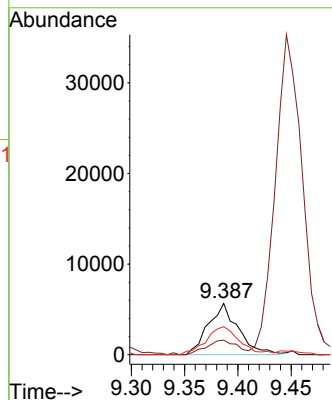
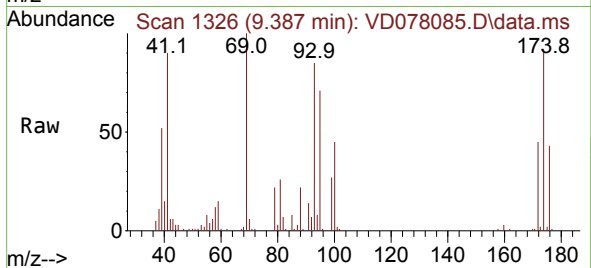
Tgt Ion: 88 Resp: 11068

Ion Ratio Lower Upper

88 100

43 29.3 19.0 28.6#

58 60.9 43.5 65.3



#50

Toluene-d8

Concen: 55.671 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078085.D

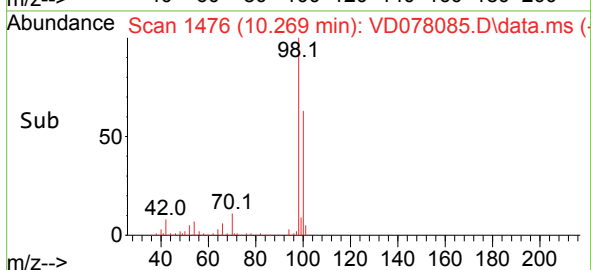
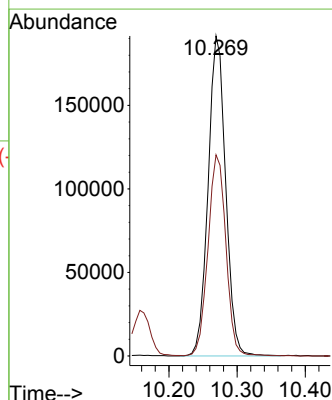
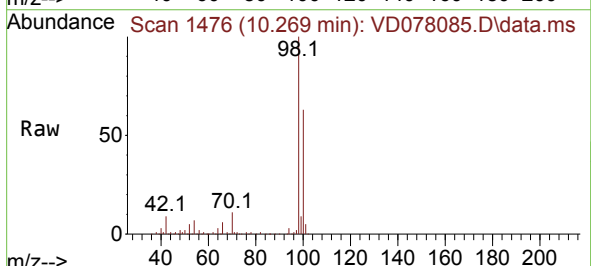
Acq: 28 Dec 2023 09:10

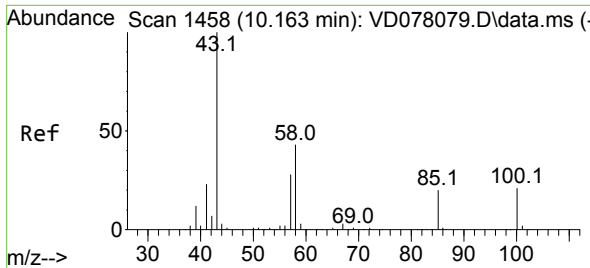
Tgt Ion: 98 Resp: 342704

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

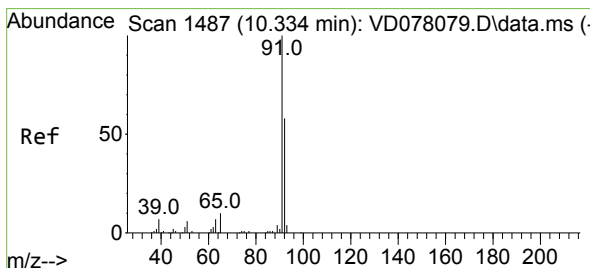
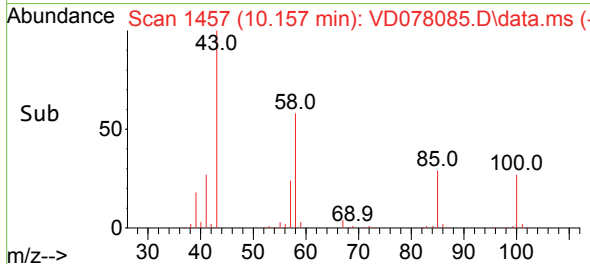
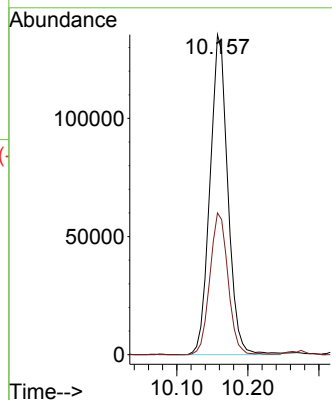
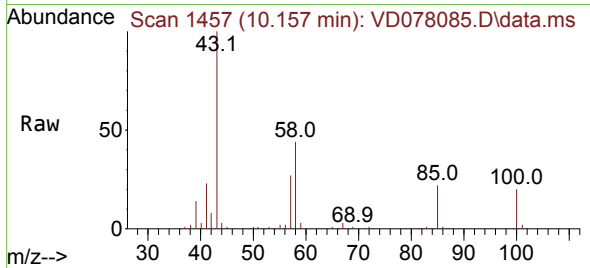




#51
4-Methyl-2-Pentanone
Concen: 281.057 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

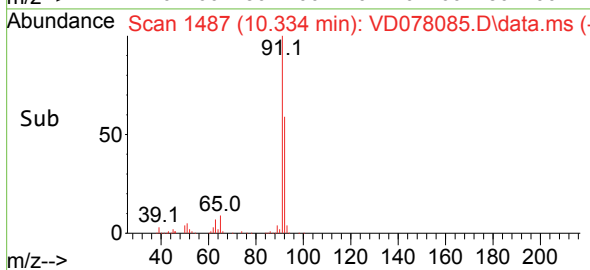
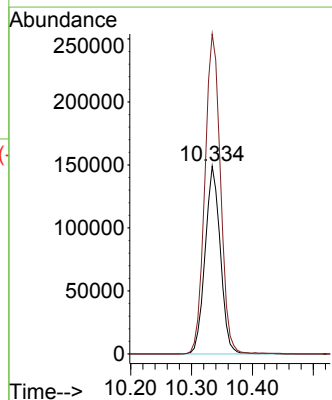
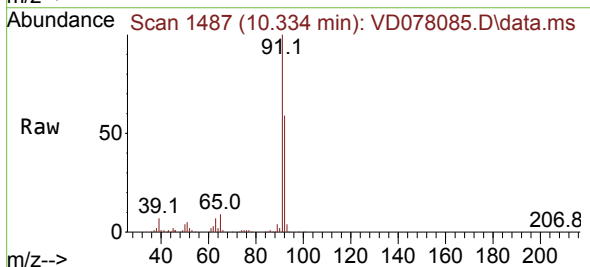
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

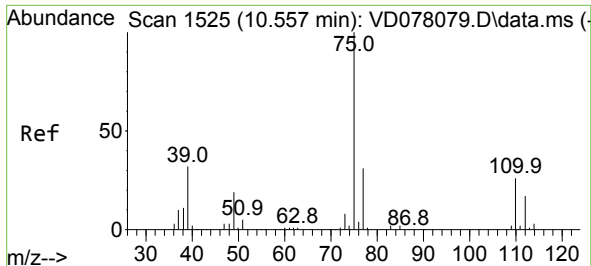
Tgt Ion: 43 Resp: 236381
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3



#52
Toluene
Concen: 56.226 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 92 Resp: 258733
Ion Ratio Lower Upper
92 100
91 174.4 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 55.141 ug/l

RT: 10.551 min Scan# 1525

Delta R.T. -0.006 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

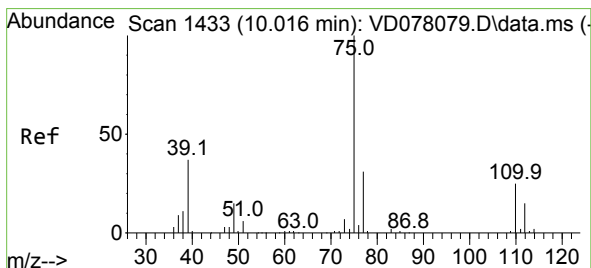
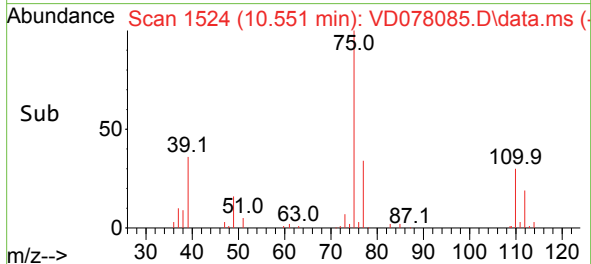
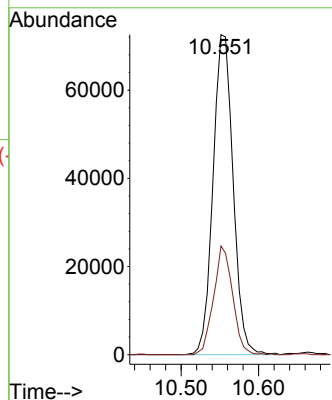
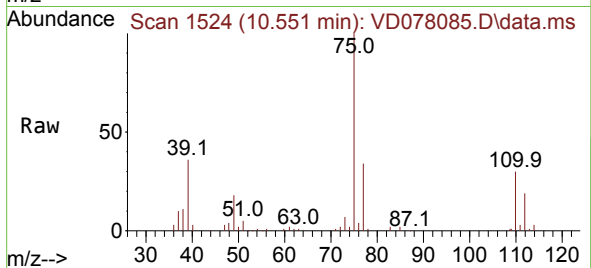
VSTDCCC050

Tgt Ion: 75 Resp: 130854

Ion Ratio Lower Upper

75 100

77 33.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 54.786 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

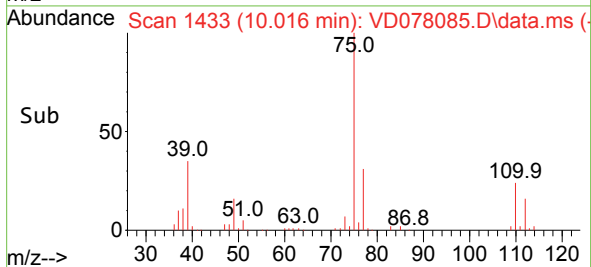
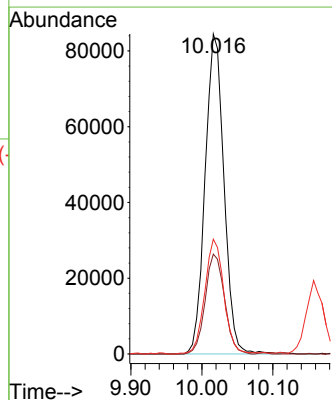
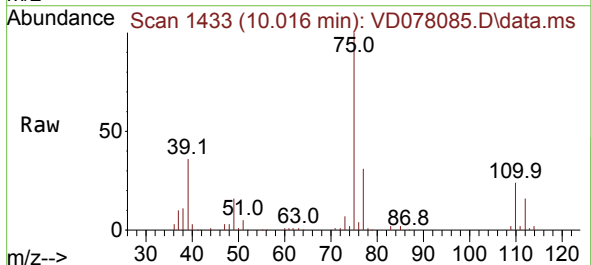
Tgt Ion: 75 Resp: 156129

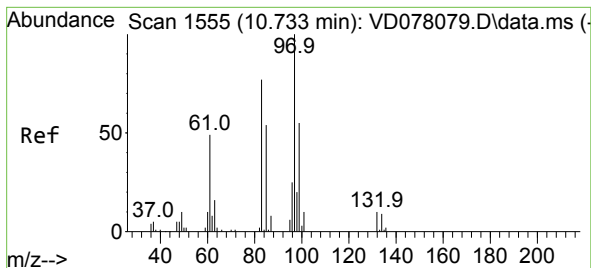
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 35.6 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 56.161 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 79578

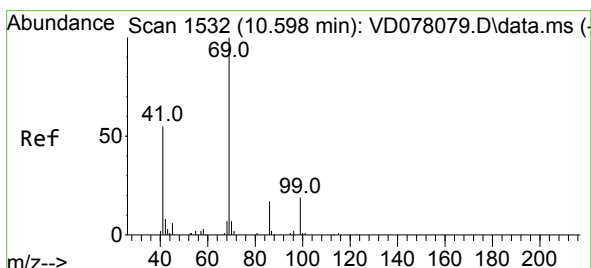
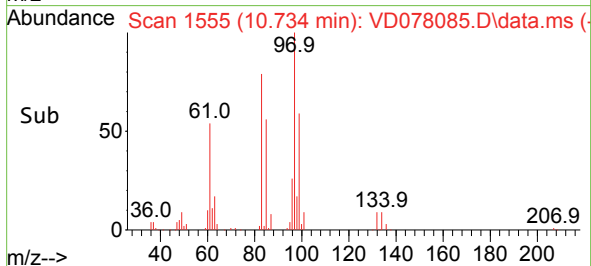
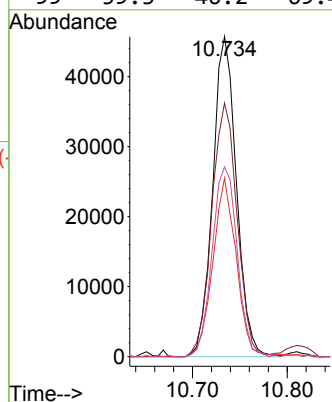
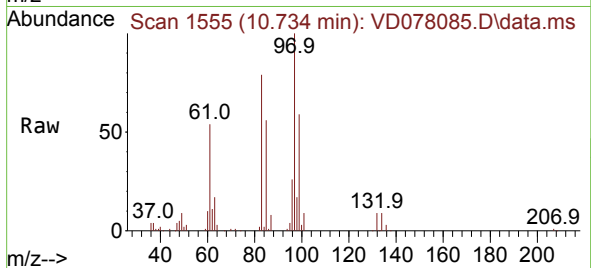
Ion Ratio Lower Upper

97 100

83 79.3 65.8 98.6

85 55.8 45.7 68.5

99 59.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 57.623 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

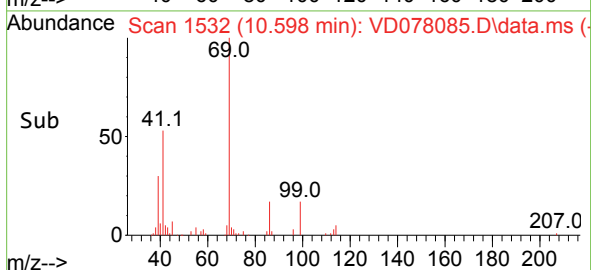
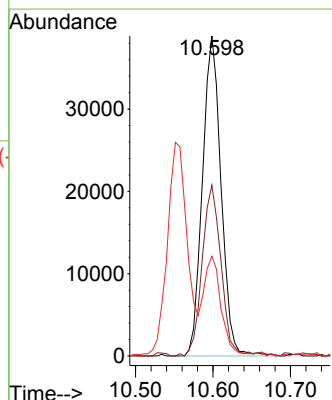
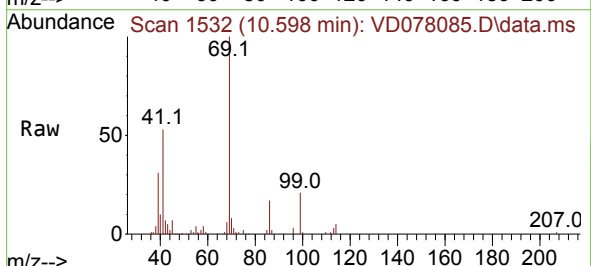
Tgt Ion: 69 Resp: 64796

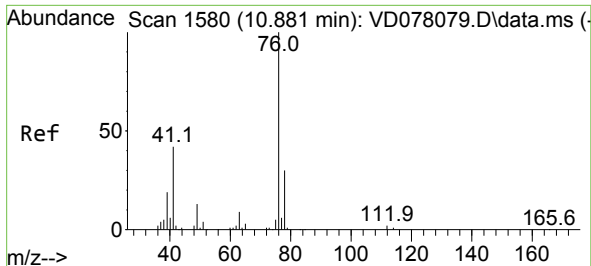
Ion Ratio Lower Upper

69 100

41 53.9 39.1 58.7

39 27.8 20.0 30.0

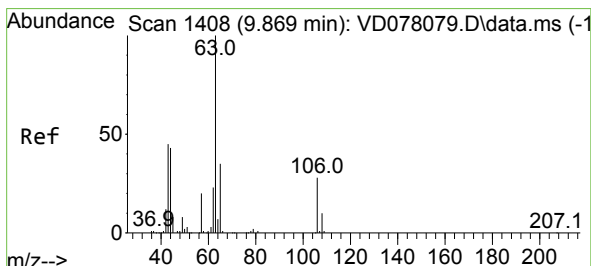
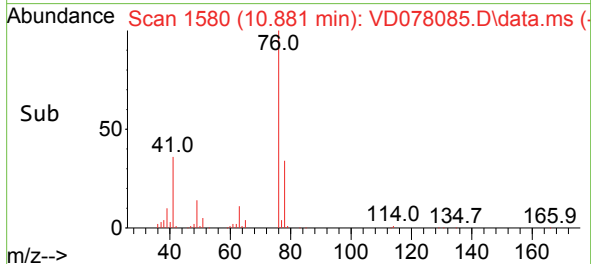
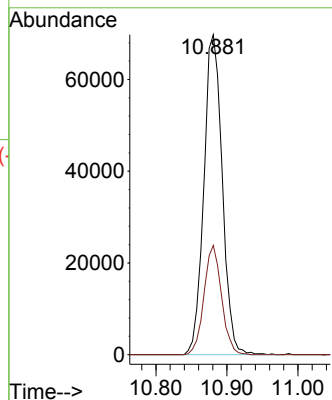
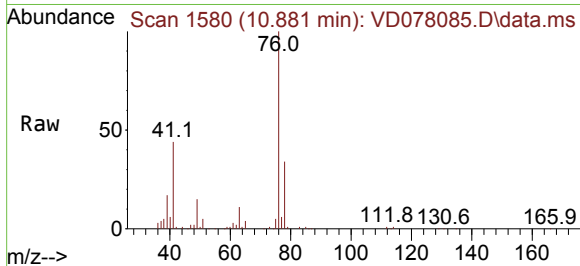




#57
1,3-Dichloropropane
Concen: 54.066 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

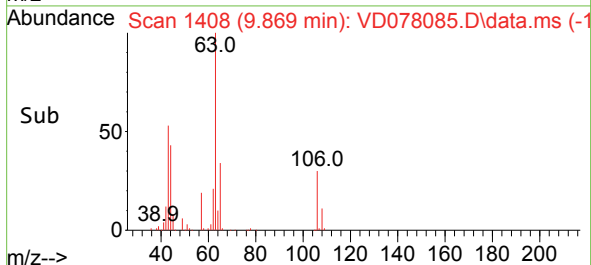
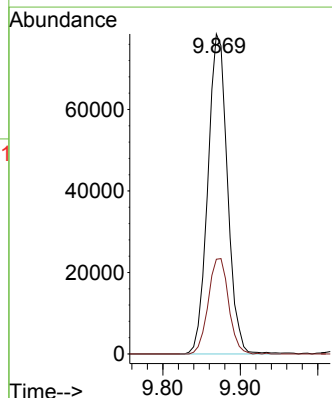
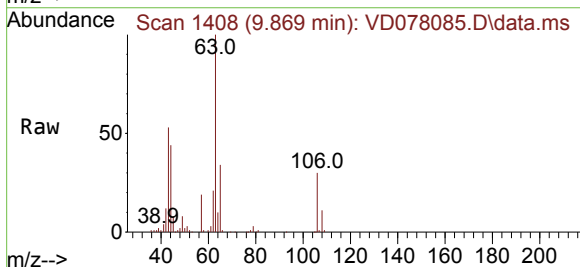
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

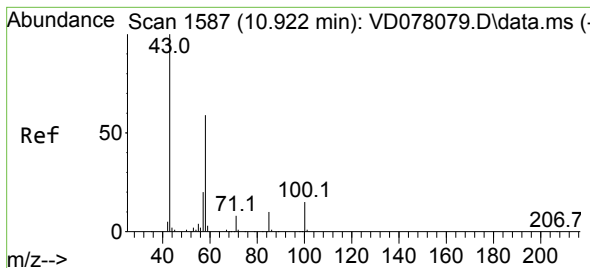
Tgt Ion: 76 Resp: 125871
Ion Ratio Lower Upper
76 100
78 32.5 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 283.357 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 63 Resp: 137951
Ion Ratio Lower Upper
63 100
106 30.9 25.3 37.9

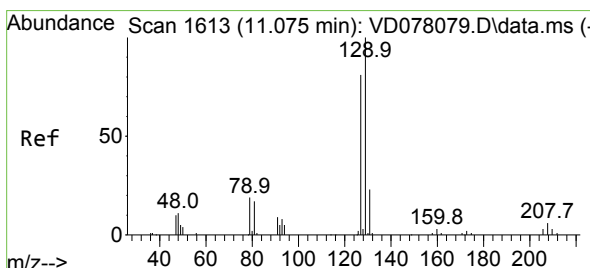
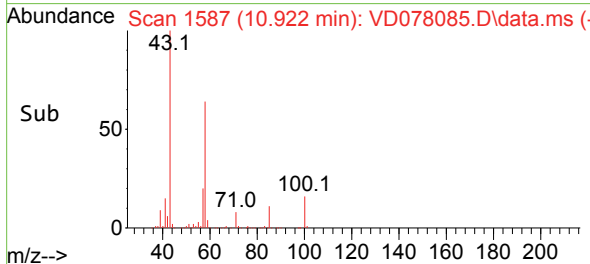
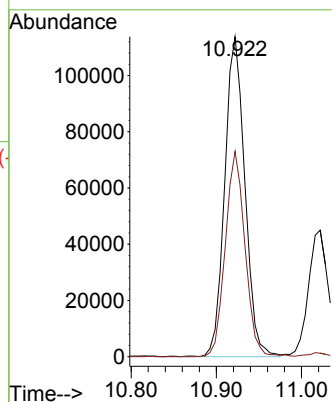
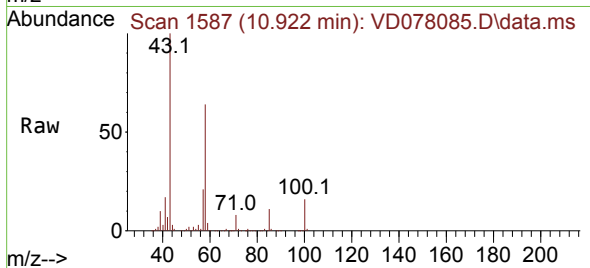




#59
2-Hexanone
Concen: 286.254 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

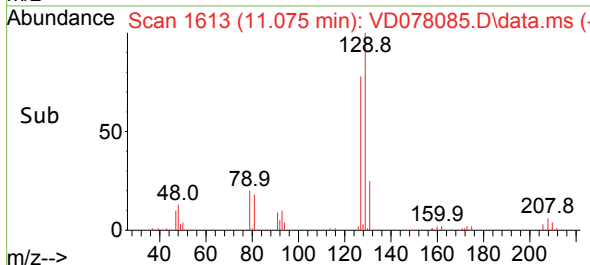
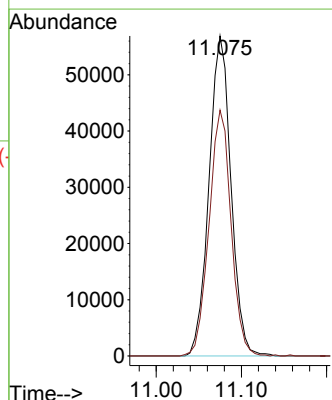
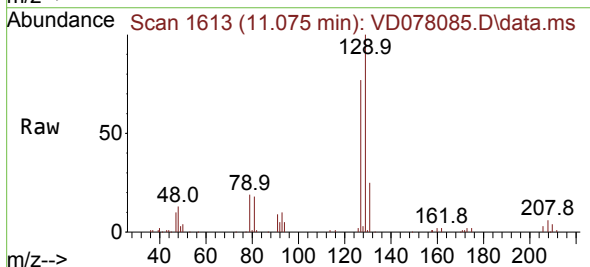
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

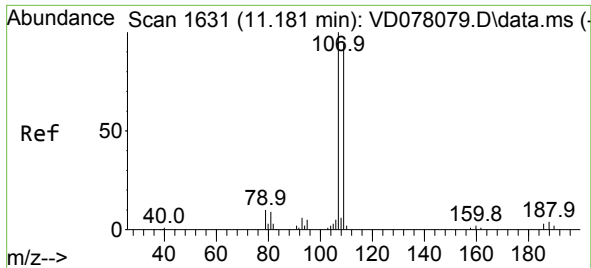
Tgt Ion: 43 Resp: 187008
Ion Ratio Lower Upper
43 100
58 62.7 34.1 102.2



#60
Dibromochloromethane
Concen: 56.462 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 129 Resp: 101920
Ion Ratio Lower Upper
129 100
127 76.9 37.1 111.5

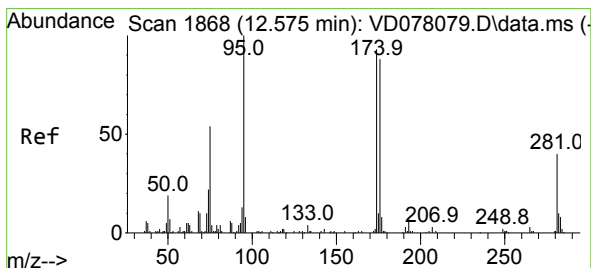
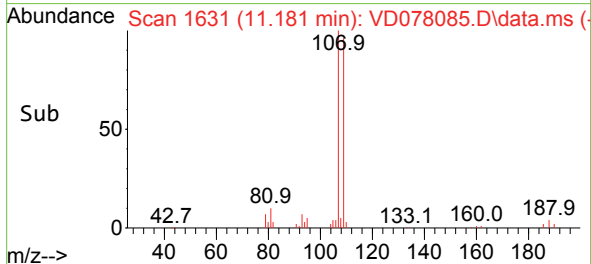
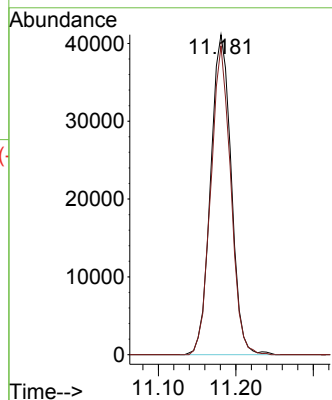
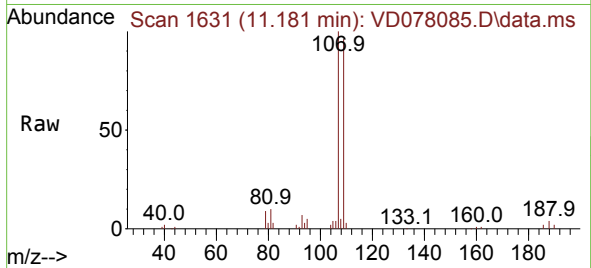




#61
1,2-Dibromoethane
Concen: 55.752 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

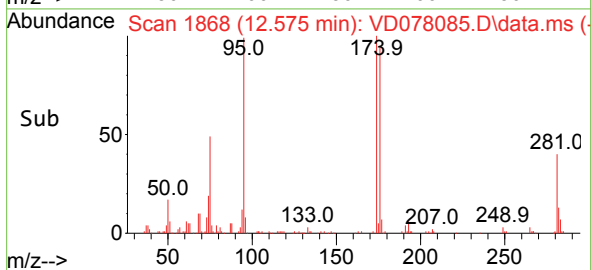
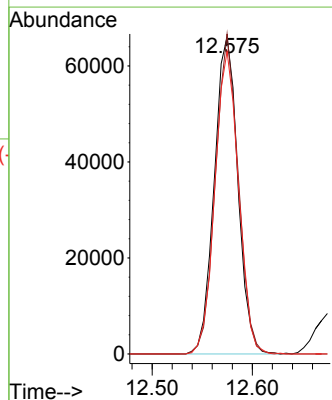
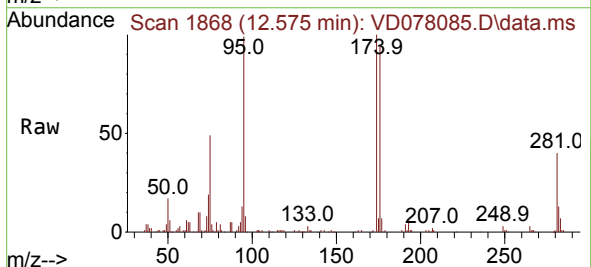
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

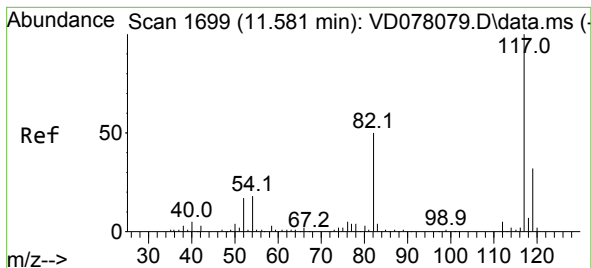
Tgt Ion:107 Resp: 75738
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.439 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 95 Resp: 107827
Ion Ratio Lower Upper
95 100
174 97.7 0.0 201.8
176 95.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

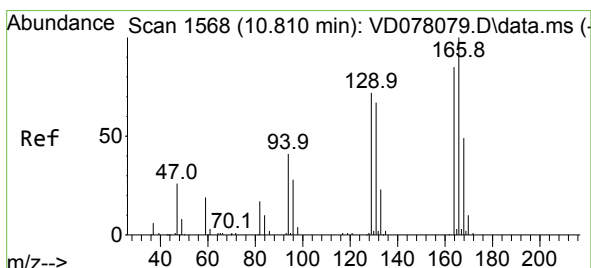
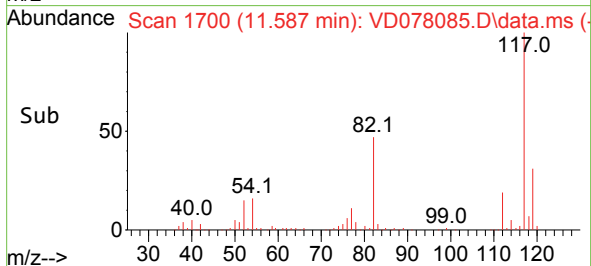
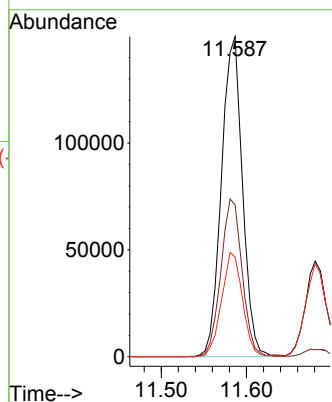
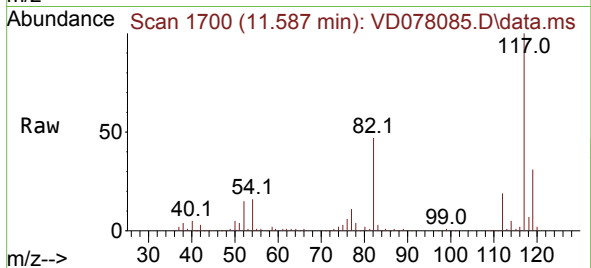
Tgt Ion:117 Resp: 257328

Ion Ratio Lower Upper

117 100

82 47.5 38.3 57.5

119 31.2 25.0 37.4



#64

Tetrachloroethene

Concen: 53.803 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Tgt Ion:164 Resp: 93553

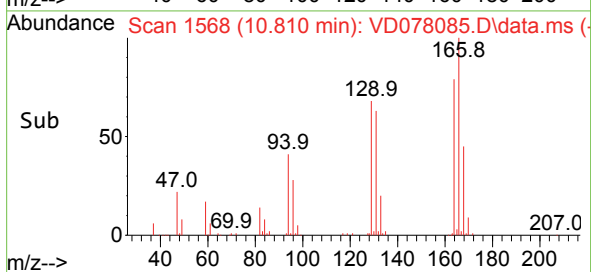
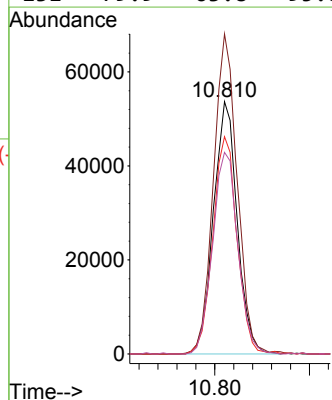
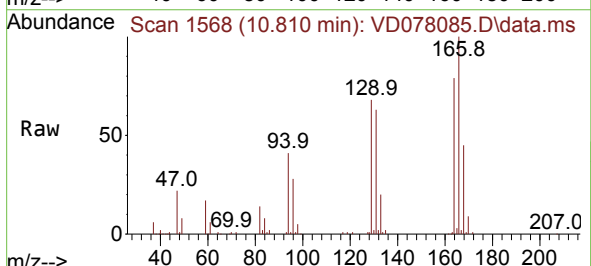
Ion Ratio Lower Upper

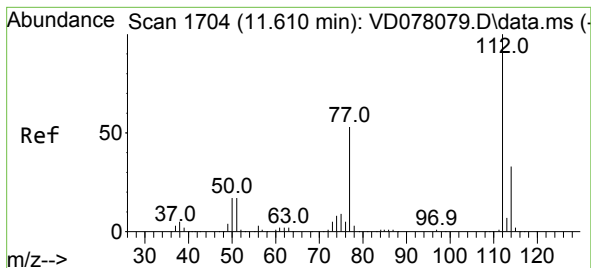
164 100

166 126.8 99.2 148.8

129 86.1 68.4 102.6

131 79.9 63.8 95.8





#65

Chlorobenzene

Concen: 52.606 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

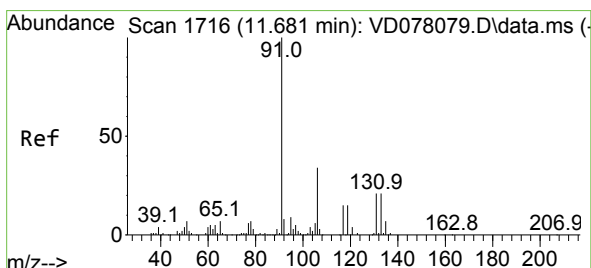
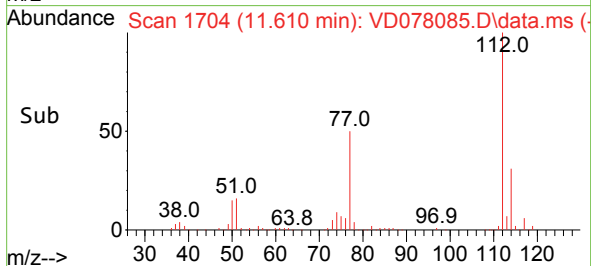
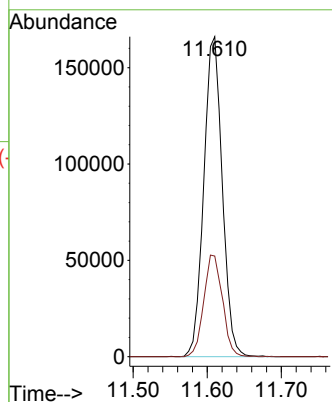
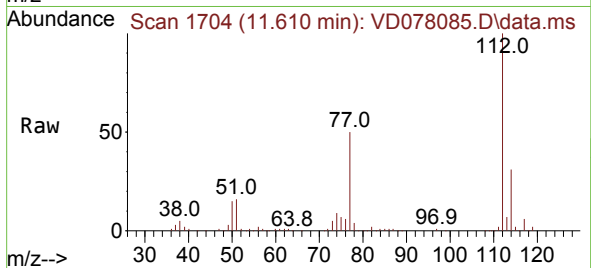
VSTDCCC050

Tgt Ion:112 Resp: 287590

Ion Ratio Lower Upper

112 100

114 31.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.348 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

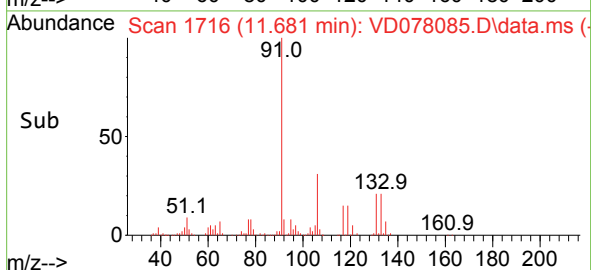
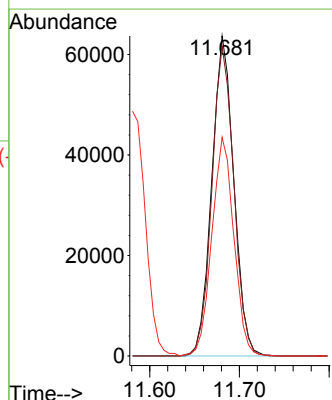
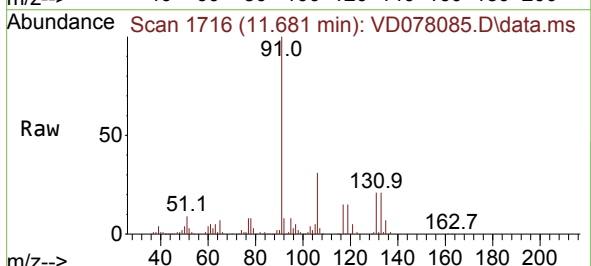
Tgt Ion:131 Resp: 108316

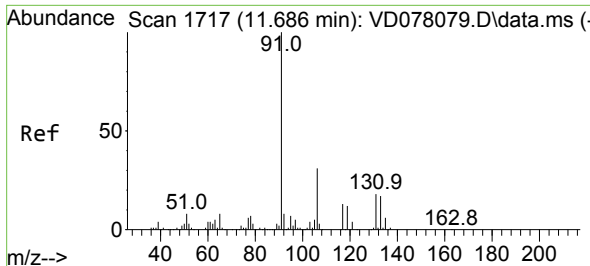
Ion Ratio Lower Upper

131 100

133 96.7 48.5 145.5

119 68.6 35.6 106.9

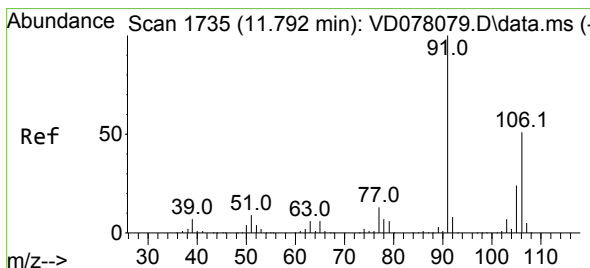
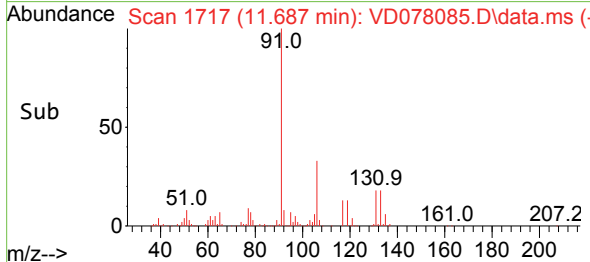
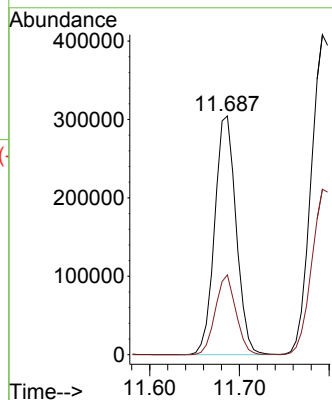
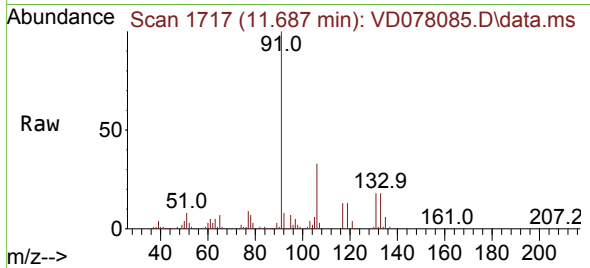




#67
Ethyl Benzene
Concen: 53.070 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

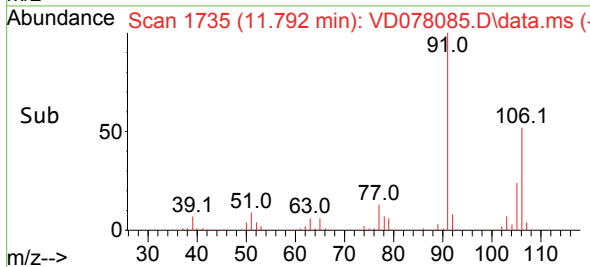
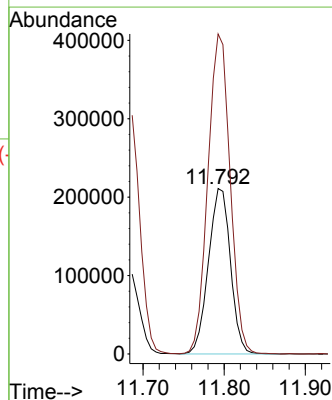
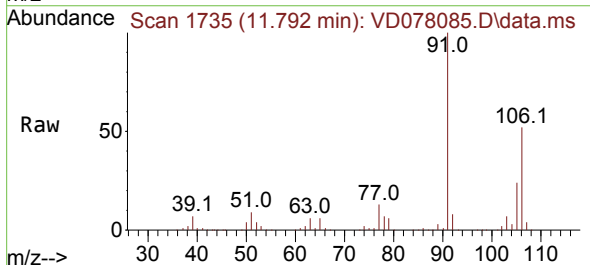
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

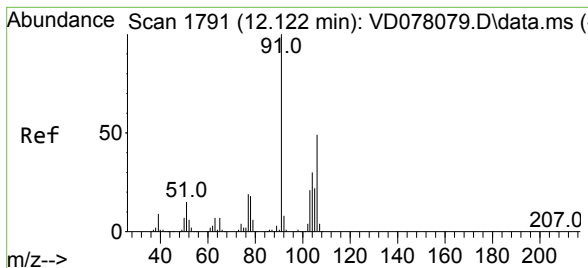
Tgt Ion: 91 Resp: 505791
Ion Ratio Lower Upper
91 100
106 33.4 26.5 39.7



#68
m/p-Xylenes
Concen: 107.142 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion:106 Resp: 397409
Ion Ratio Lower Upper
106 100
91 195.2 147.0 220.6

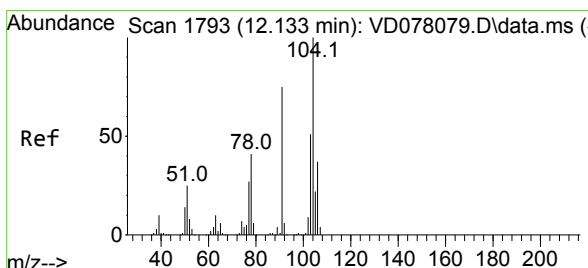
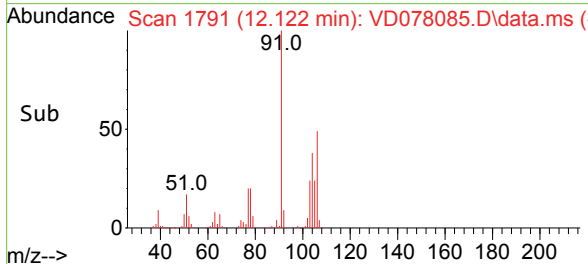
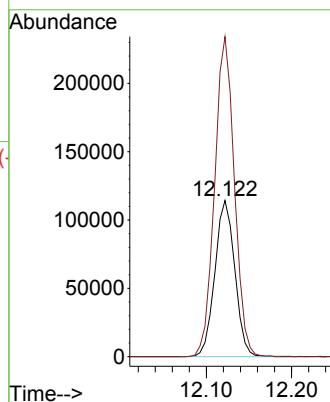
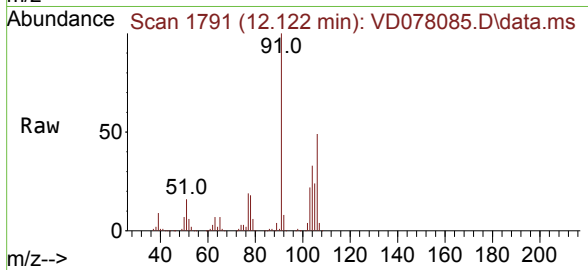




#69
o-Xylene
Concen: 53.663 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

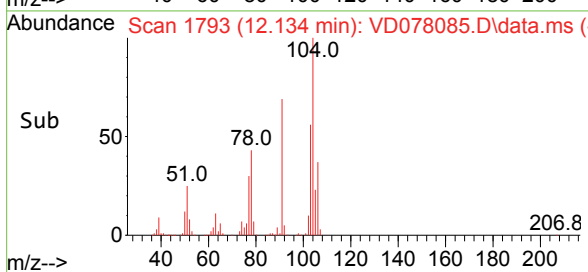
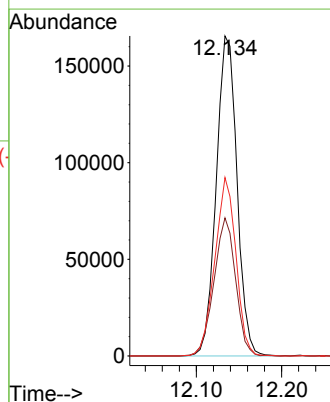
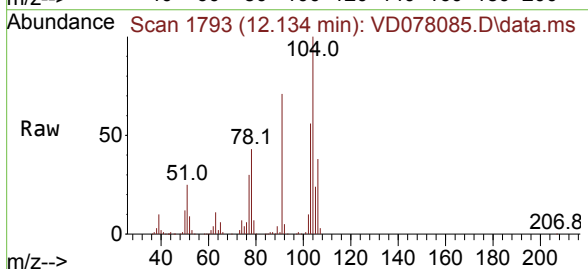
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

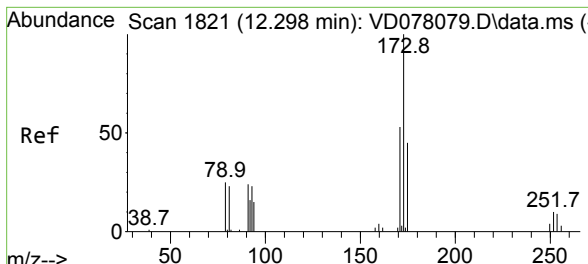
Tgt Ion:106 Resp: 185514
Ion Ratio Lower Upper
106 100
91 204.0 97.9 293.6



#70
Styrene
Concen: 55.060 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion:104 Resp: 281032
Ion Ratio Lower Upper
104 100
78 45.1 33.2 49.8
103 56.8 43.6 65.4

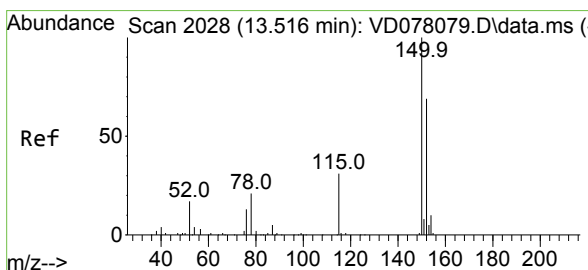
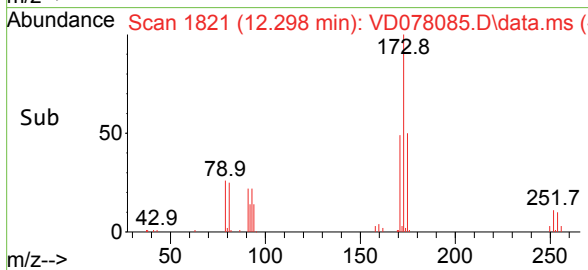
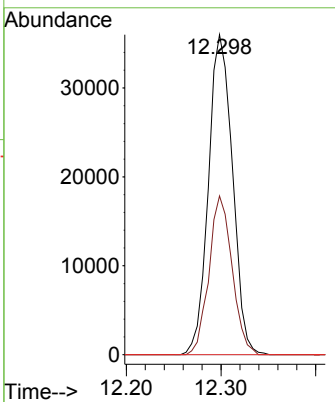
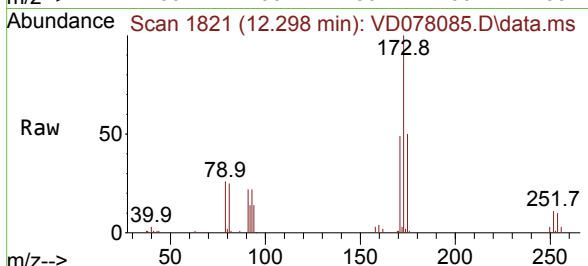




#71
 Bromoform
 Concen: 55.575 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078085.D
 Acq: 28 Dec 2023 09:10

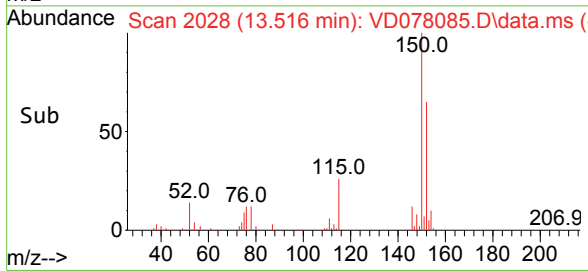
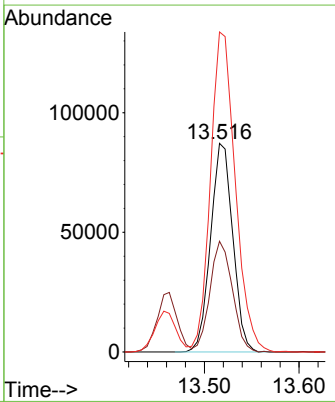
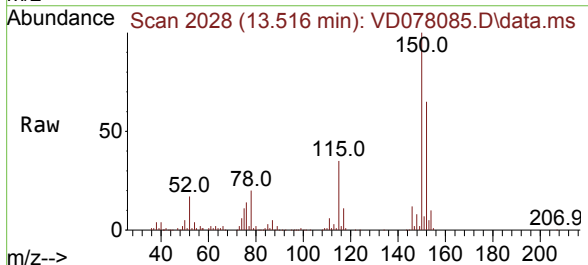
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

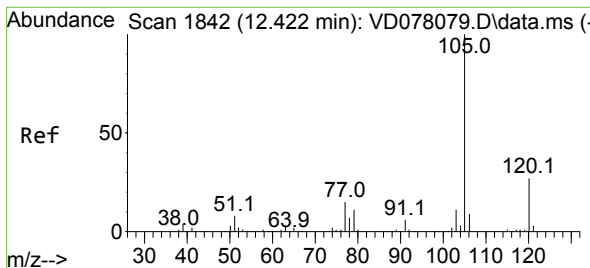
Tgt Ion:	173	Resp:	63442
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078085.D
 Acq: 28 Dec 2023 09:10

Tgt Ion:	152	Resp:	142121
Ion Ratio	Lower	Upper	
152	100		
115	53.6	27.1	81.3
150	171.7	0.0	353.6





#73

Isopropylbenzene

Concen: 51.411 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

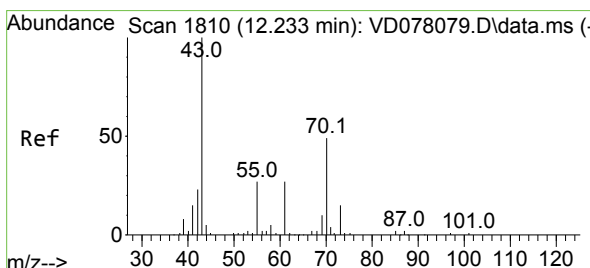
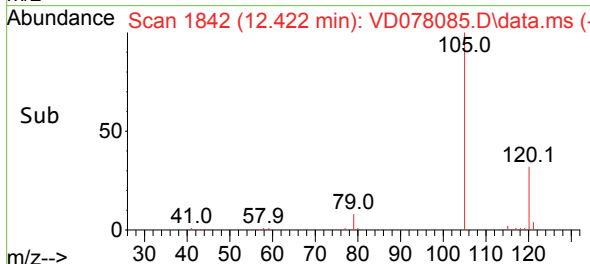
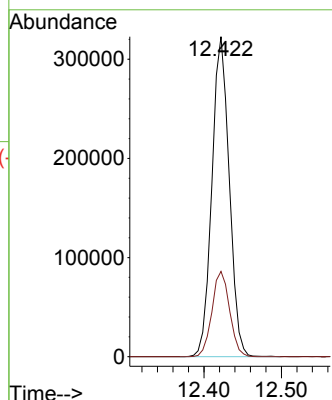
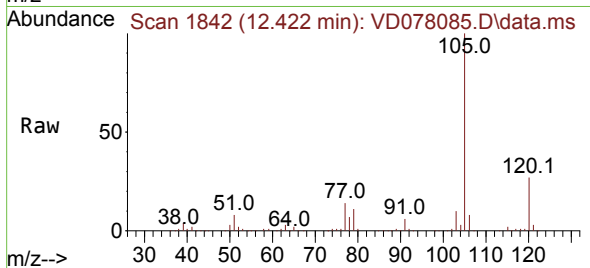
VSTDCCC050

Tgt Ion:105 Resp: 503245

Ion Ratio Lower Upper

105 100

120 27.1 14.3 42.9



#74

N-ethyl acetate

Concen: 50.704 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Tgt Ion: 43 Resp: 82395

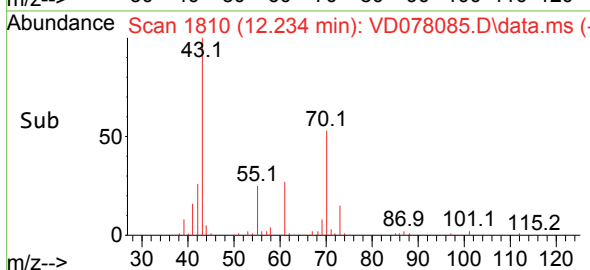
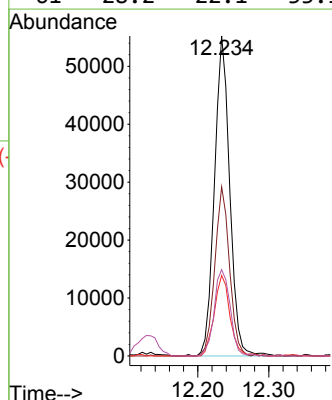
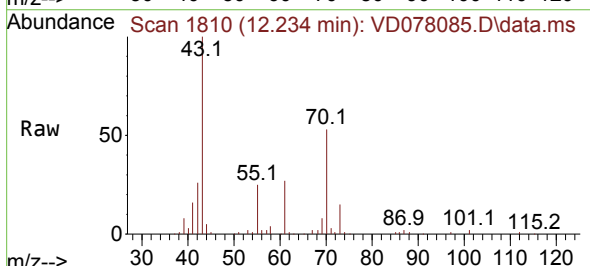
Ion Ratio Lower Upper

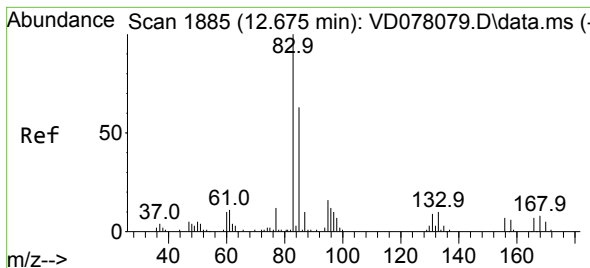
43 100

70 50.8 45.0 67.4

55 26.1 23.8 35.6

61 28.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.090 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

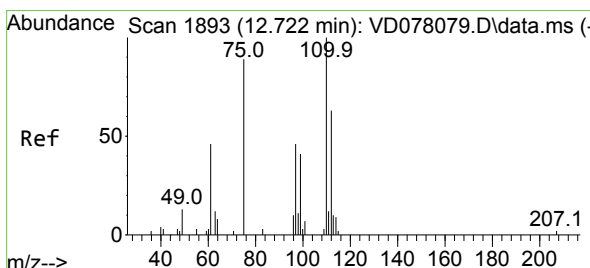
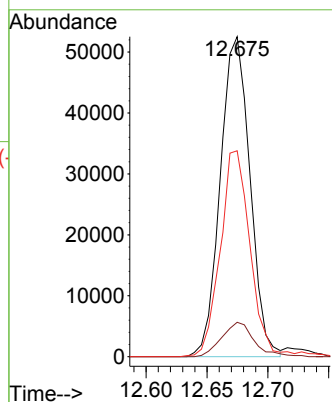
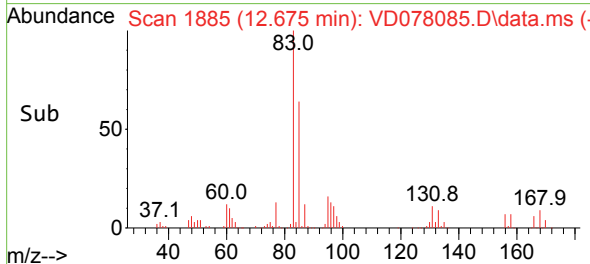
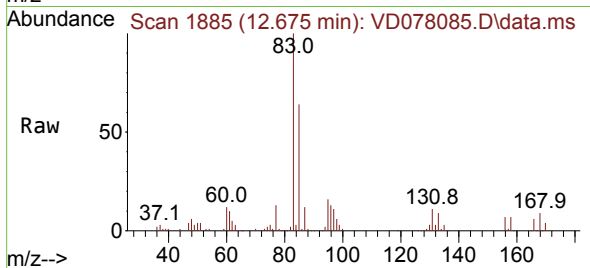
Tgt Ion: 83 Resp: 89113

Ion Ratio Lower Upper

83 100

131 11.7 5.1 15.3

85 65.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 89.569 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078085.D

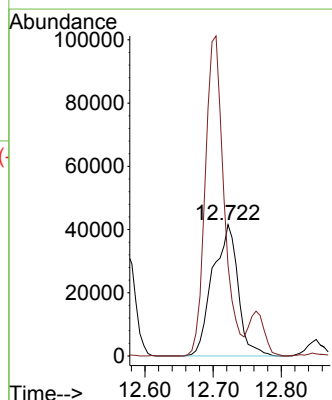
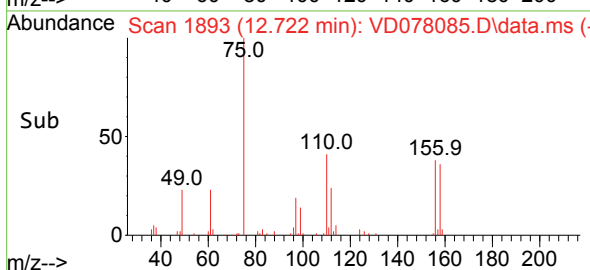
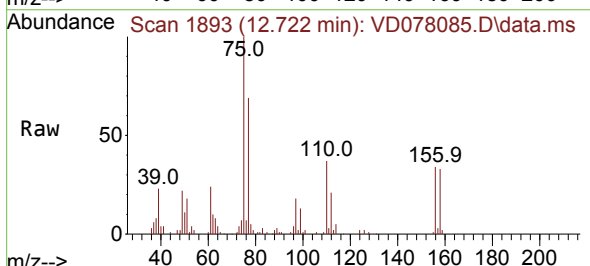
Acq: 28 Dec 2023 09:10

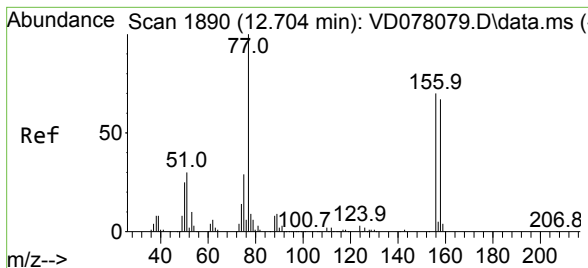
Tgt Ion: 75 Resp: 107396

Ion Ratio Lower Upper

75 100

77 181.3 0.0 0.0#





#77

Bromobenzene

Concen: 52.233 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

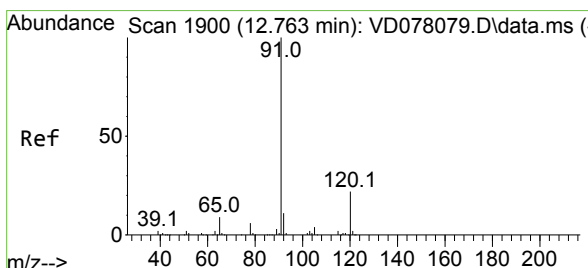
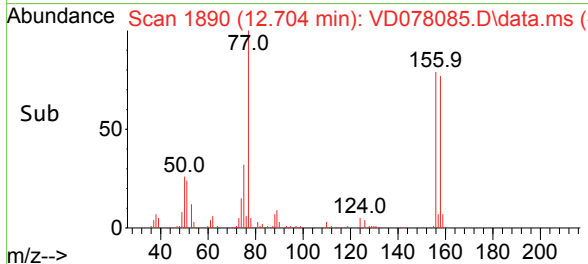
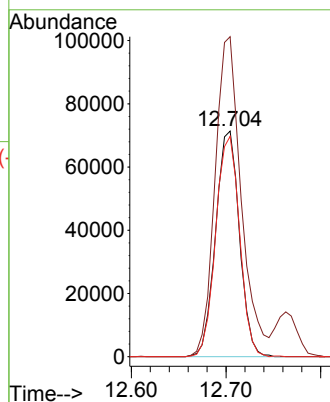
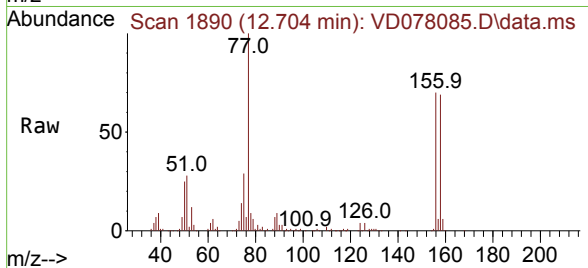
Tgt Ion:156 Resp: 124382

Ion Ratio Lower Upper

156 100

77 156.5 76.8 230.4

158 98.1 48.6 145.9



#78

n-propylbenzene

Concen: 50.608 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078085.D

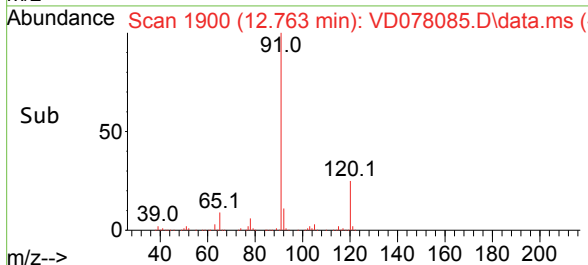
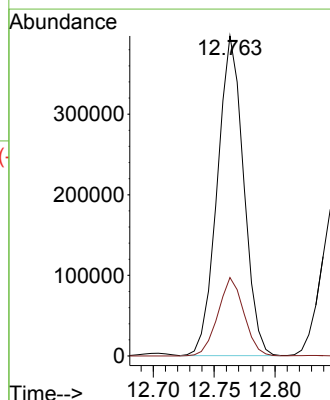
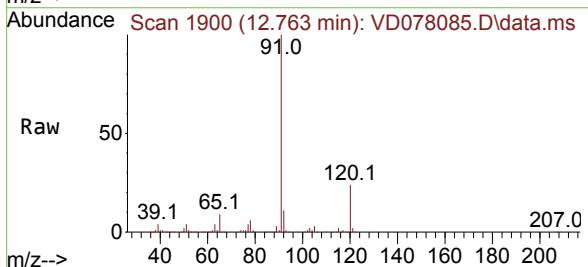
Acq: 28 Dec 2023 09:10

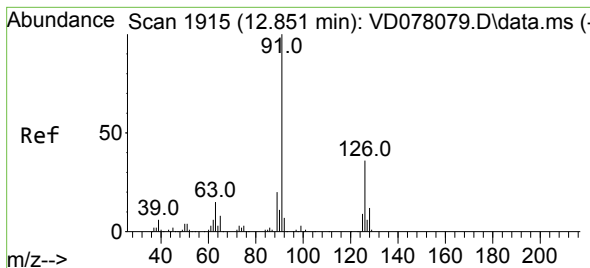
Tgt Ion: 91 Resp: 596293

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 50.490 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

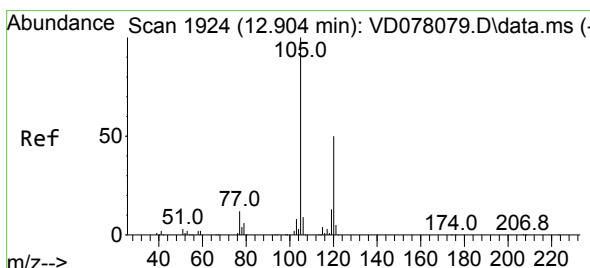
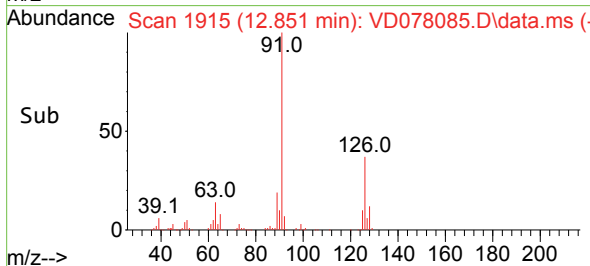
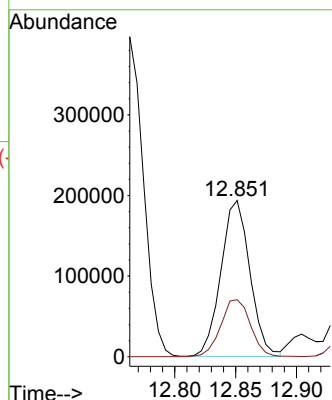
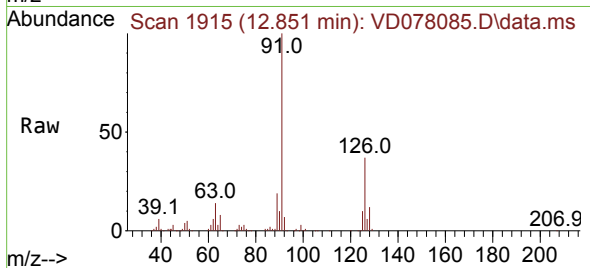
VSTDCCC050

Tgt Ion: 91 Resp: 321773

Ion Ratio Lower Upper

91 100

126 37.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 51.791 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078085.D

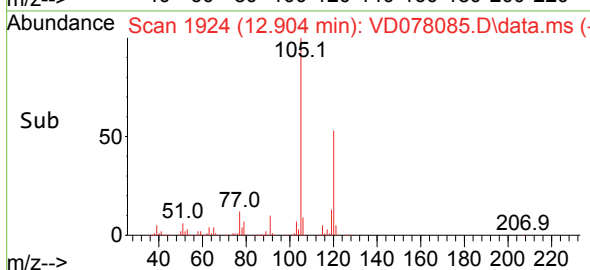
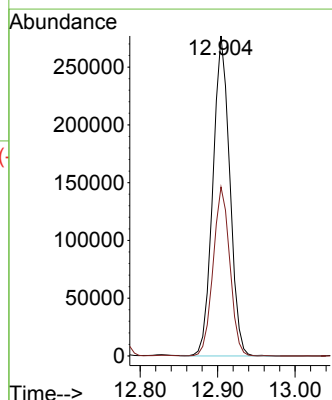
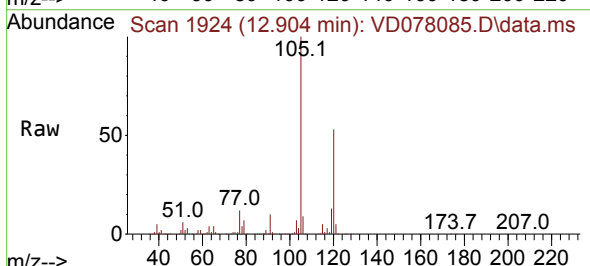
Acq: 28 Dec 2023 09:10

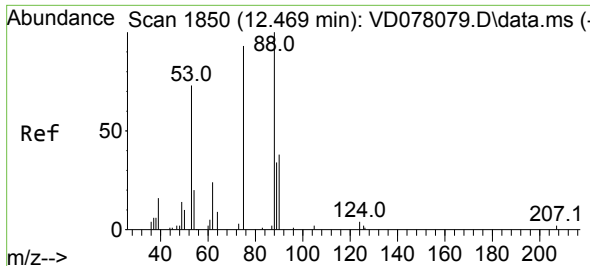
Tgt Ion:105 Resp: 419316

Ion Ratio Lower Upper

105 100

120 52.1 26.4 79.2

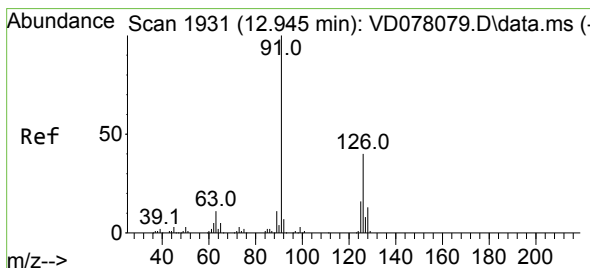
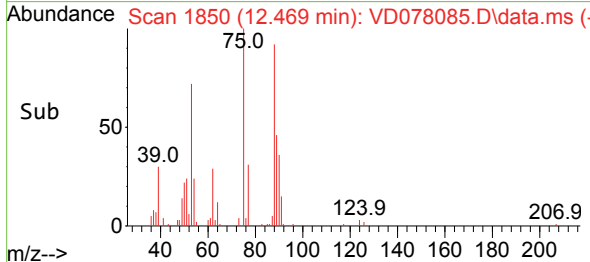
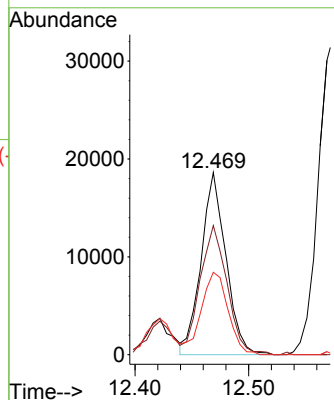
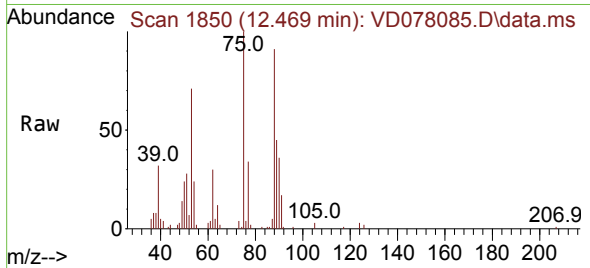




#81
trans-1,4-Dichloro-2-butene
Concen: 50.754 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

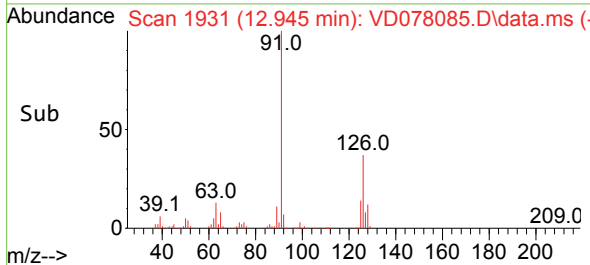
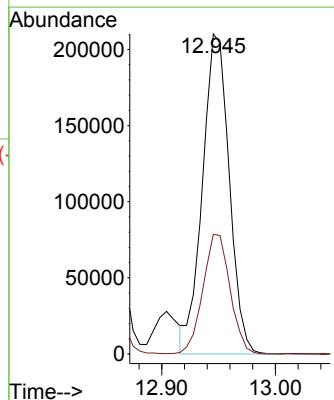
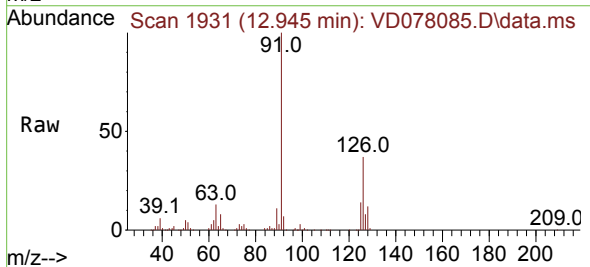
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

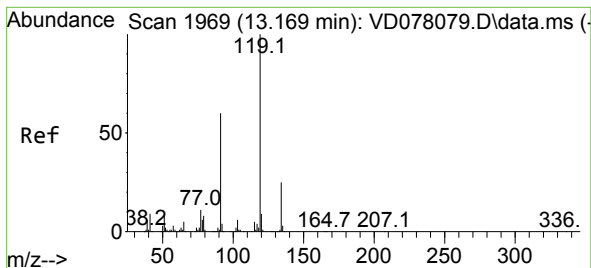
Tgt Ion: 75 Resp: 28242
Ion Ratio Lower Upper
75 100
53 77.3 63.0 94.4
89 49.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.428 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 91 Resp: 344566
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 51.357 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

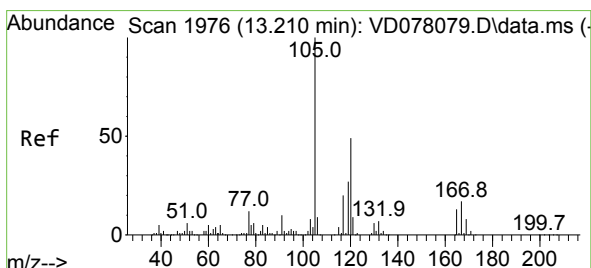
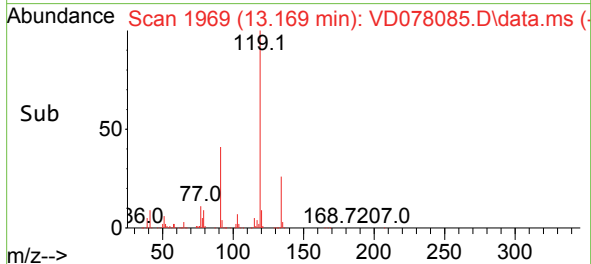
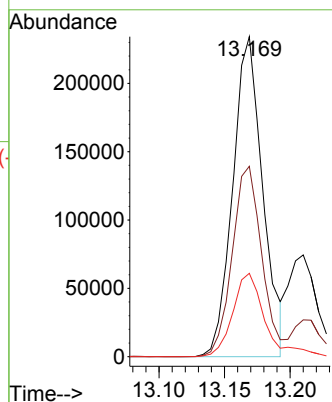
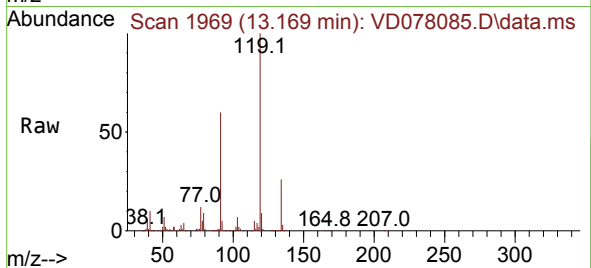
Tgt Ion:119 Resp: 372472

Ion Ratio Lower Upper

119 100

91 58.4 29.3 87.8

134 28.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 52.151 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078085.D

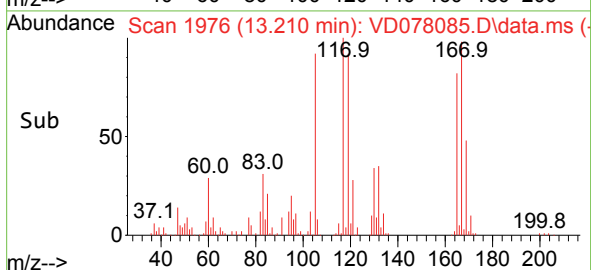
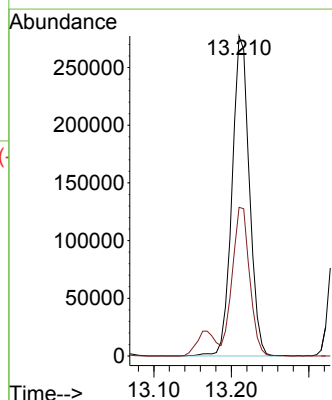
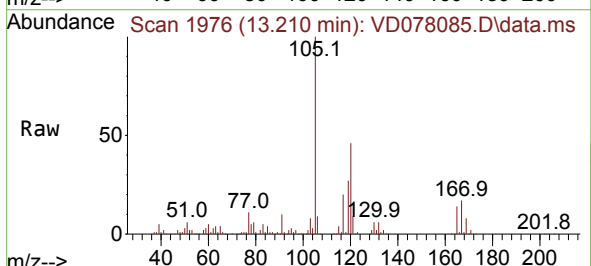
Acq: 28 Dec 2023 09:10

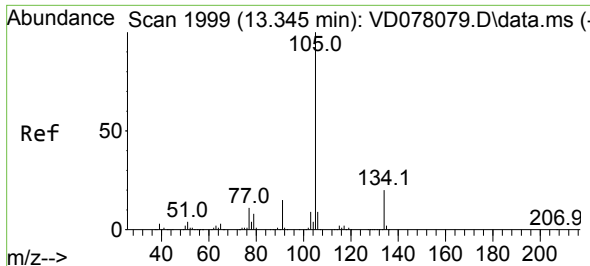
Tgt Ion:105 Resp: 430074

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.9

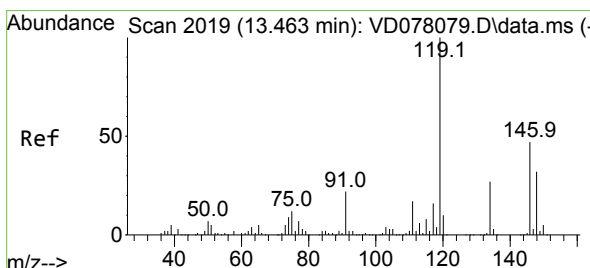
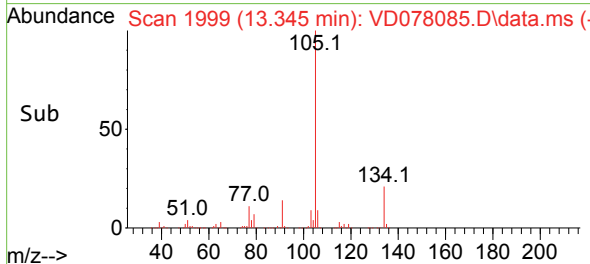
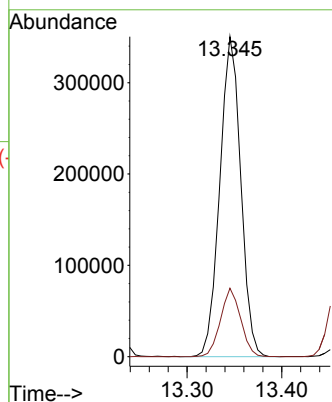
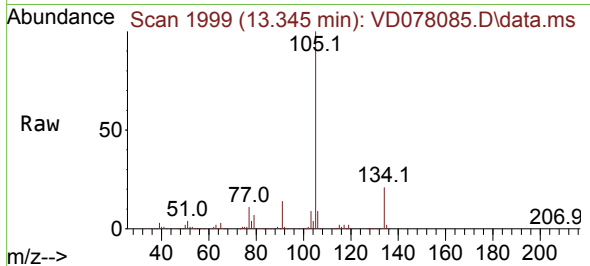




#85
 sec-Butylbenzene
 Concen: 52.027 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078085.D
 Acq: 28 Dec 2023 09:10

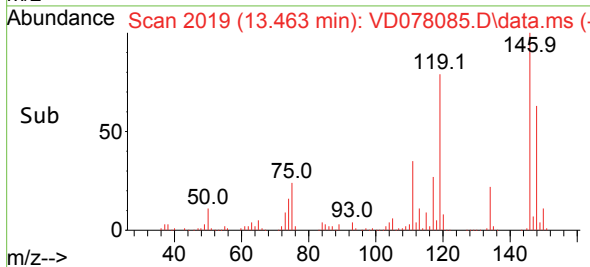
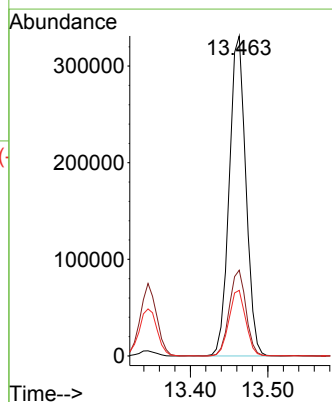
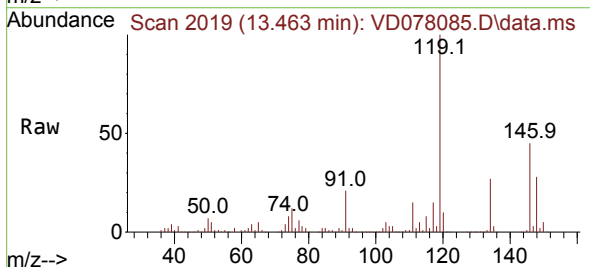
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

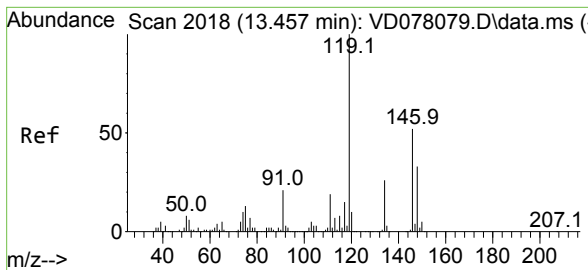
Tgt Ion:105 Resp: 538709
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 53.335 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078085.D
 Acq: 28 Dec 2023 09:10

Tgt Ion:119 Resp: 494227
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 20.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 51.826 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

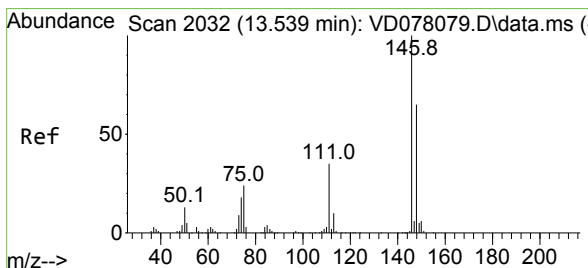
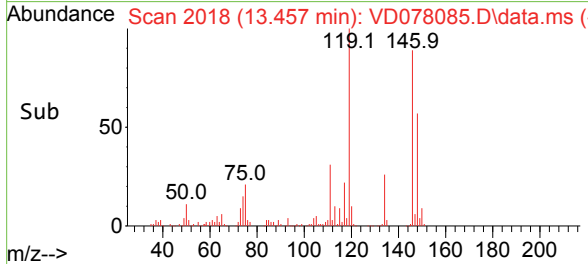
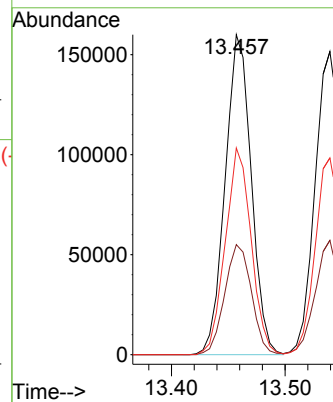
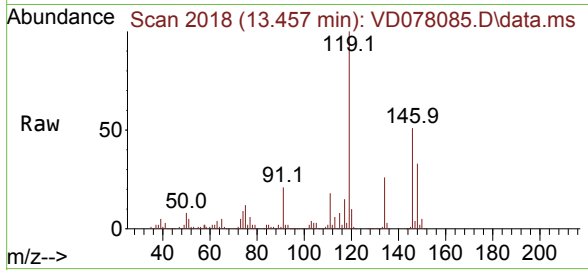
Tgt Ion:146 Resp: 255343

Ion Ratio Lower Upper

146 100

111 35.3 17.9 53.8

148 64.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 51.922 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078085.D

Acq: 28 Dec 2023 09:10

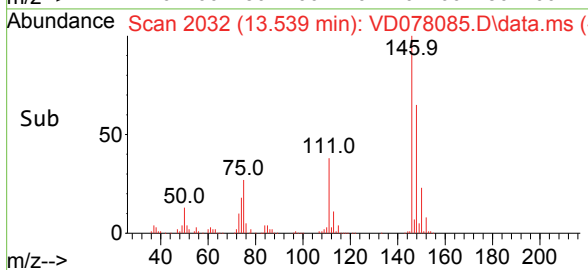
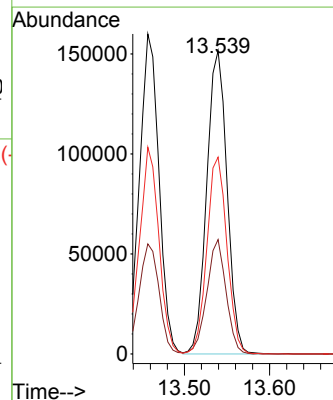
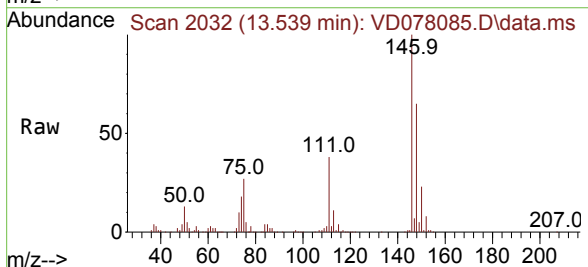
Tgt Ion:146 Resp: 250899

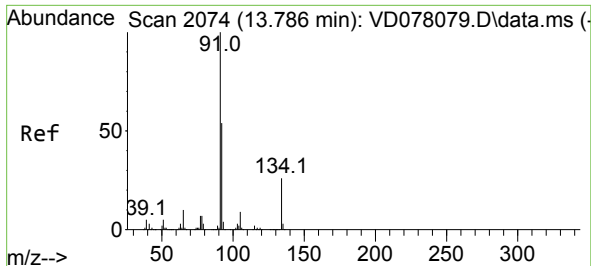
Ion Ratio Lower Upper

146 100

111 35.9 17.4 52.3

148 64.2 31.7 95.1

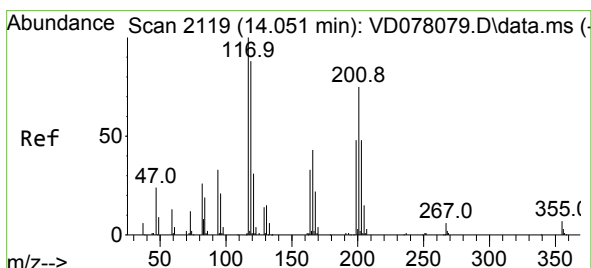
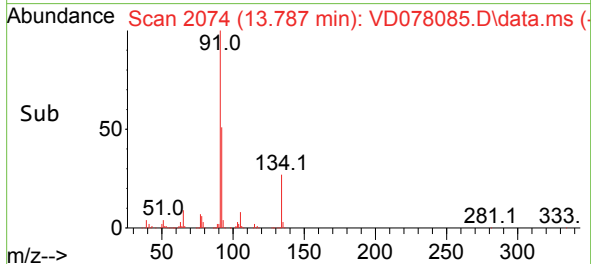
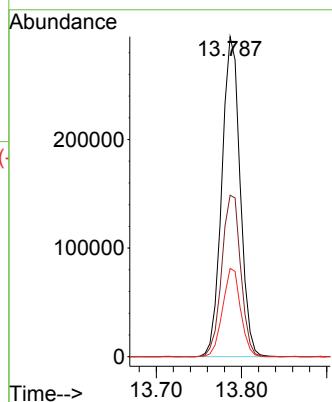
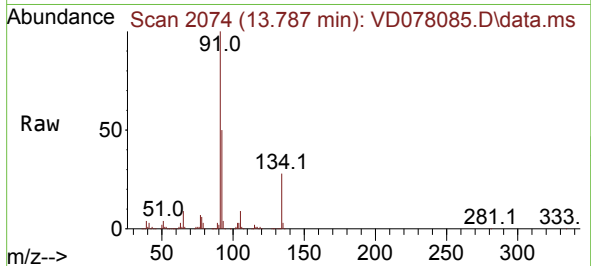




#89
n-Butylbenzene
Concen: 51.789 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

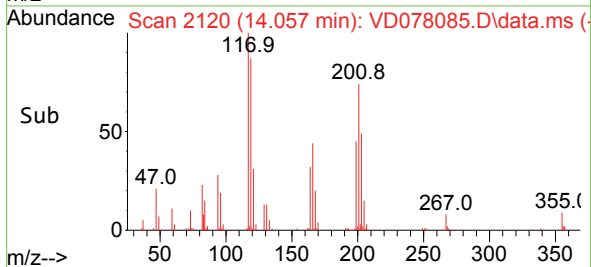
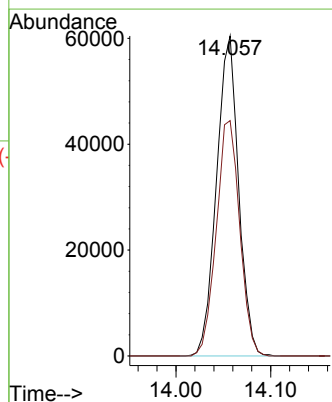
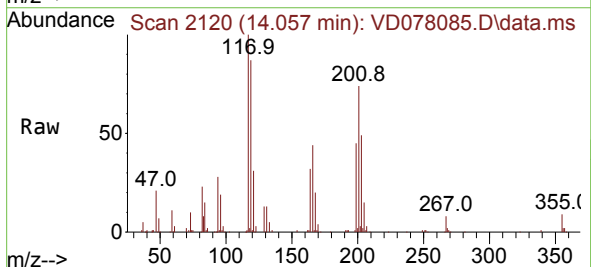
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

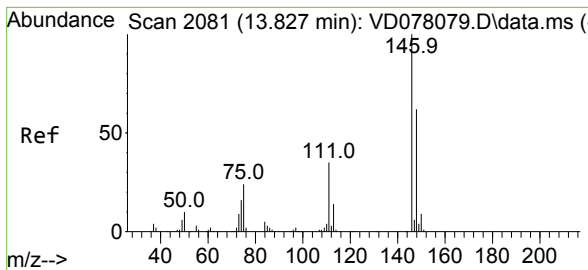
Tgt Ion: 91 Resp: 440491
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 27.2 13.8 41.3



#90
Hexachloroethane
Concen: 52.927 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 117 Resp: 98049
Ion Ratio Lower Upper
117 100
201 77.9 38.5 115.5

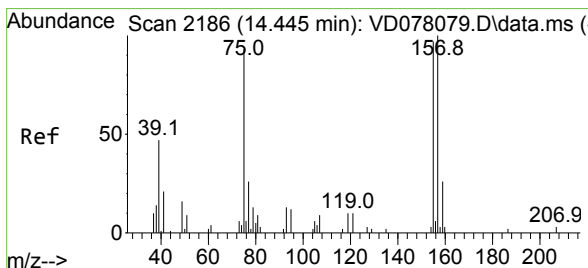
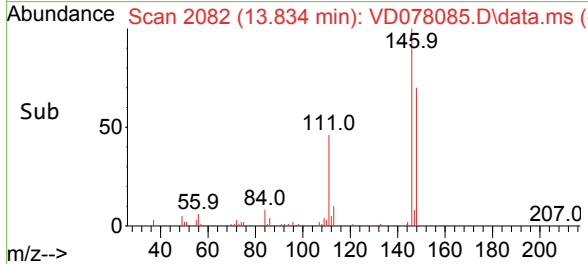
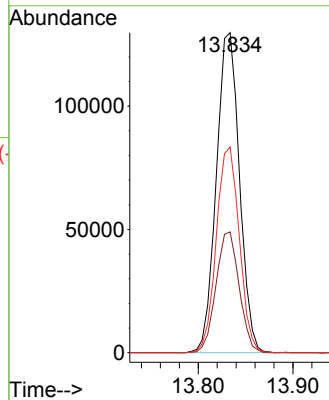
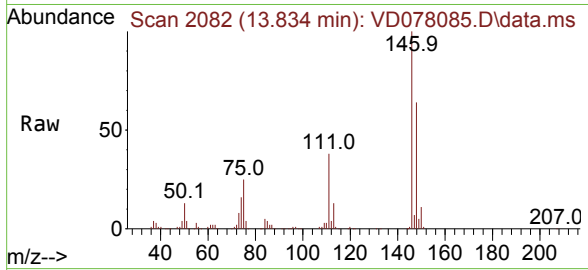




#91
1,2-Dichlorobenzene
Concen: 52.100 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

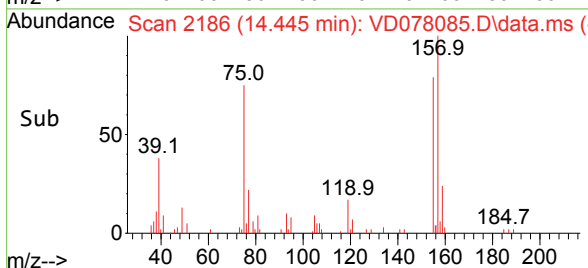
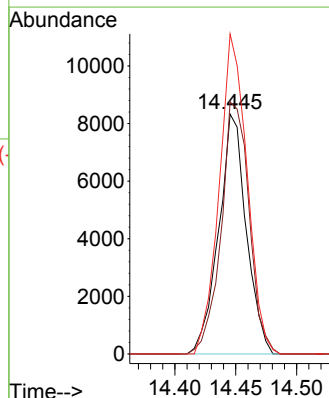
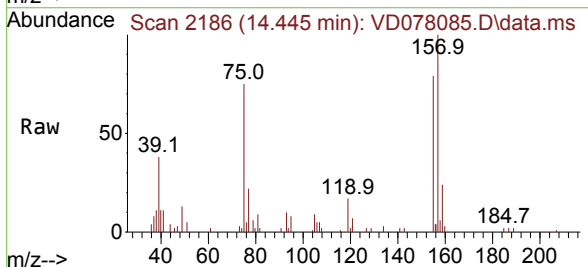
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MSVOA_D
ClientSampleId :
VSTDCCC050

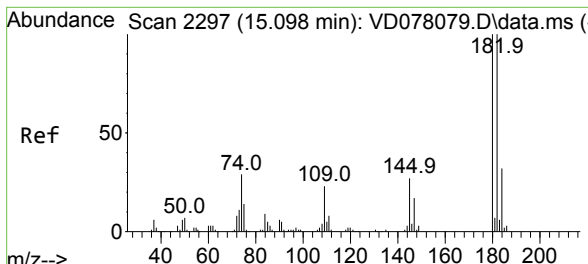
Tgt Ion:146 Resp: 220448
Ion Ratio Lower Upper
146 100
111 37.7 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.704 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion: 75 Resp: 13132
Ion Ratio Lower Upper
75 100
155 106.8 47.9 143.8
157 134.2 59.9 179.7

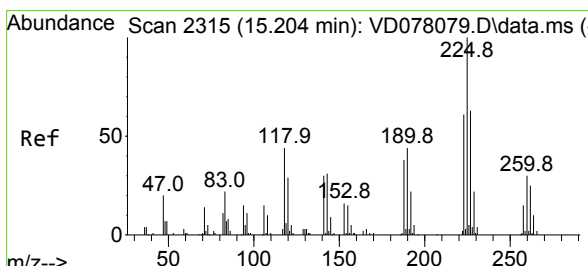
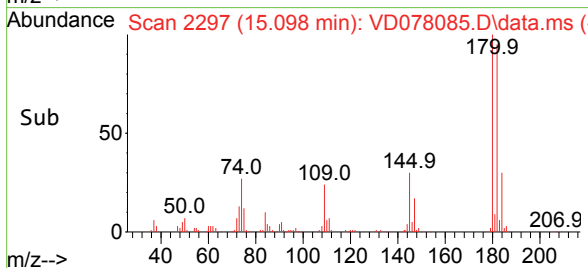
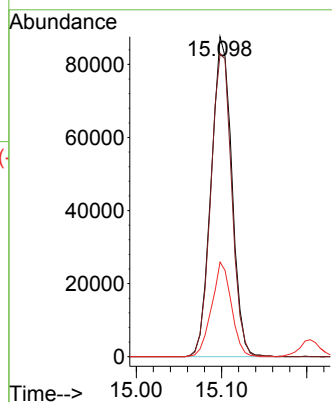
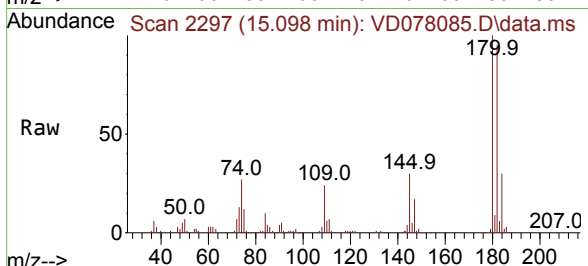




#93
 1,2,4-Trichlorobenzene
 Concen: 53.280 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078085.D
 Acq: 28 Dec 2023 09:10

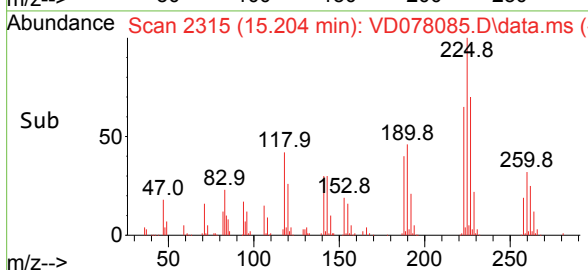
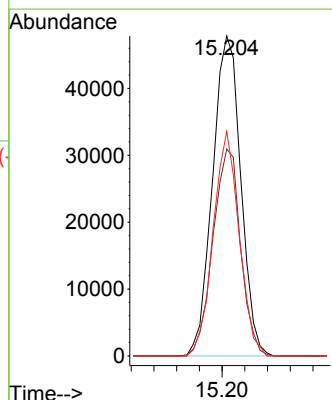
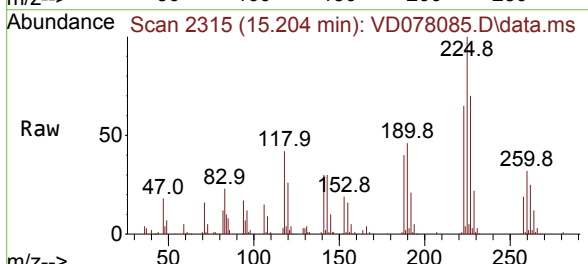
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

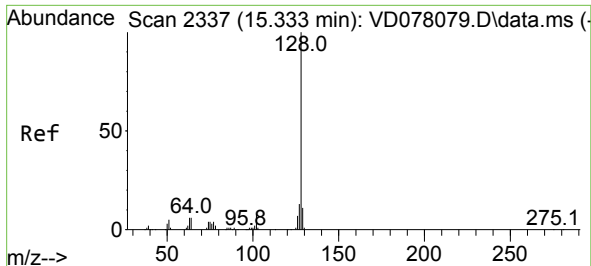
Tgt Ion:180 Resp: 147188
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.5 145.6
 145 28.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 53.063 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078085.D
 Acq: 28 Dec 2023 09:10

Tgt Ion:225 Resp: 82359
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 94.8
 227 64.5 31.7 95.1

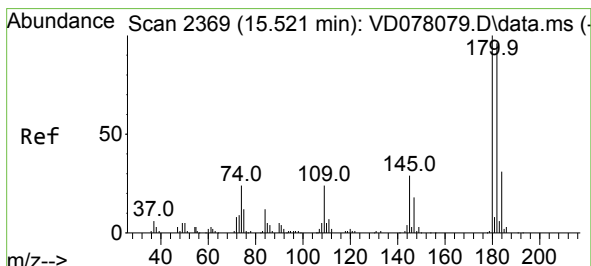
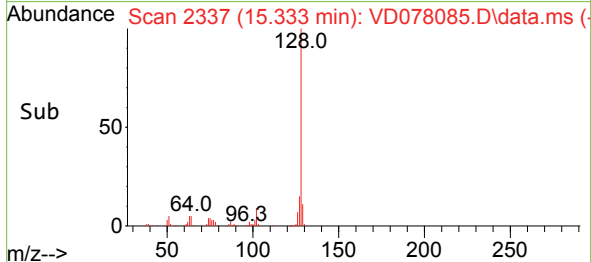
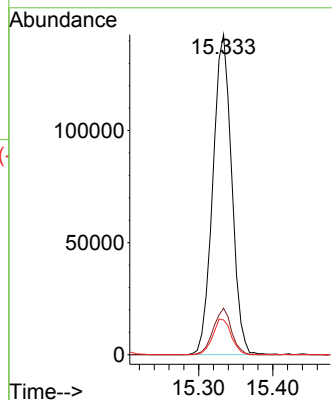
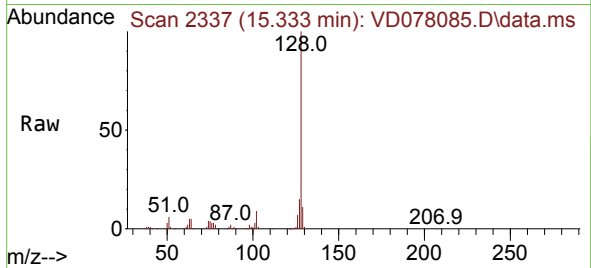




#95
Naphthalene
Concen: 53.593 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 252045
Ion Ratio Lower Upper
128 100
127 14.5 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.689 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078085.D
Acq: 28 Dec 2023 09:10

Tgt Ion:180 Resp: 125849
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 30.4 15.1 45.3

