

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078936.D
 Acq On : 15 May 2024 18:05
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 01:27:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	115789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	186591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	179452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61817	56.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.840%	
35) Dibromofluoromethane	7.804	113	72845	58.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.300%	
50) Toluene-d8	10.269	98	283395	60.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.720%	
62) 4-Bromofluorobenzene	12.574	95	82933	63.400	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 126.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	49789	46.018	ug/l	99
3) Chloromethane	2.146	50	76194	52.609	ug/l	98
4) Vinyl Chloride	2.281	62	133968	58.285	ug/l	100
5) Bromomethane	2.693	94	102720	46.316	ug/l	100
6) Chloroethane	2.834	64	99981	48.275	ug/l	91
7) Trichlorofluoromethane	3.175	101	94623	41.727	ug/l	98
8) Diethyl Ether	3.593	74	27398	53.306	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.963	101	58555	48.900	ug/l	98
10) Methyl Iodide	4.163	142	72272	50.518	ug/l	98
11) Tert butyl alcohol	5.063	59	11814	250.207	ug/l	98
12) 1,1-Dichloroethene	3.940	96	56213	47.957	ug/l	98
13) Acrolein	3.798	56	23343	215.902	ug/l	100
14) Allyl chloride	4.557	41	55931	48.901	ug/l	100
15) Acrylonitrile	5.251	53	55765	265.623	ug/l	95
16) Acetone	4.028	43	44059	254.420	ug/l	99
17) Carbon Disulfide	4.269	76	168247	49.297	ug/l	98
18) Methyl Acetate	4.563	43	21009	52.689	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	119328	52.247	ug/l	98
20) Methylene Chloride	4.804	84	73898	54.120	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	66041	50.549	ug/l	97
22) Diisopropyl ether	6.216	45	141561	54.722	ug/l	97
23) Vinyl Acetate	6.157	43	419968	270.665	ug/l	99
24) 1,1-Dichloroethane	6.110	63	104170	50.796	ug/l	100
25) 2-Butanone	7.081	43	59060	254.993	ug/l	93
26) 2,2-Dichloropropane	7.081	77	87515	48.560	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	75667	49.322	ug/l	97
28) Bromochloromethane	7.428	49	38455	56.228	ug/l	94
29) Tetrahydrofuran	7.445	42	35227	262.955	ug/l	99
30) Chloroform	7.598	83	118869	51.176	ug/l	100
31) Cyclohexane	7.875	56	76428	48.165	ug/l	99
32) 1,1,1-Trichloroethane	7.798	97	98369	49.452	ug/l	98
36) 1,1-Dichloropropene	8.010	75	78374	50.707	ug/l	99
37) Ethyl Acetate	7.169	43	27580	52.359	ug/l	99
38) Carbon Tetrachloride	7.992	117	91785	50.743	ug/l	97
39) Methylcyclohexane	9.275	83	97496	51.914	ug/l	97
40) Benzene	8.251	78	257339	51.476	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	13650	48.159	ug/l	98
42) 1,2-Dichloroethane	8.328	62	61803	51.075	ug/l	98
43) Isopropyl Acetate	8.363	43	50257	53.771	ug/l	99
44) Trichloroethene	9.028	130	66501	50.151	ug/l	92
45) 1,2-Dichloropropane	9.304	63	57963	52.762	ug/l	96
46) Dibromomethane	9.398	93	37240	51.493	ug/l	98
47) Bromodichloromethane	9.586	83	93054	53.453	ug/l #	99
48) Methyl methacrylate	9.380	41	23766	52.234	ug/l	93
49) 1,4-Dioxane	9.380	88	6863	1078.824	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	134262	269.696	ug/l	99
52) Toluene	10.333	92	172079	53.774	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	78716	53.212	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	94394	53.163	ug/l	98
55) 1,1,2-Trichloroethane	10.733	97	49125	52.577	ug/l	96
56) Ethyl methacrylate	10.598	69	53522	55.677	ug/l	98
57) 1,3-Dichloropropane	10.880	76	79073	54.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	125979	305.005	ug/l	99
59) 2-Hexanone	10.922	43	98689	284.809	ug/l	96
60) Dibromochloromethane	11.075	129	68785	54.004	ug/l	100
61) 1,2-Dibromoethane	11.180	107	46671	54.784	ug/l	97
64) Tetrachloroethene	10.810	164	57928	50.880	ug/l	93
65) Chlorobenzene	11.604	112	194477	52.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	68723	53.256	ug/l	97
67) Ethyl Benzene	11.686	91	316342	52.689	ug/l	100
68) m/p-Xylenes	11.792	106	266342	109.114	ug/l	97
69) o-Xylene	12.122	106	121111	54.424	ug/l	98
70) Styrene	12.133	104	216883	54.991	ug/l	100
71) Bromoform	12.298	173	38838	52.540	ug/l #	98
73) Isopropylbenzene	12.422	105	303179	52.485	ug/l	98
74) N-amyl acetate	12.233	43	49197	52.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.674	83	54960	52.747	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	65698	96.423	ug/l #	100
77) Bromobenzene	12.698	156	78942	51.969	ug/l	97
78) n-propylbenzene	12.763	91	373094	53.437	ug/l	100
79) 2-Chlorotoluene	12.851	91	204131	52.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	260870	54.357	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	19587	57.007	ug/l	97
82) 4-Chlorotoluene	12.945	91	218361	53.637	ug/l	99
83) tert-Butylbenzene	13.169	119	231424	54.525	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	267385	53.788	ug/l	100
85) sec-Butylbenzene	13.345	105	338270	53.428	ug/l	99
86) p-Isopropyltoluene	13.463	119	297364	53.908	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	166942	51.935	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	161841	51.411	ug/l	99
89) n-Butylbenzene	13.786	91	266085	53.832	ug/l	99
90) Hexachloroethane	14.051	117	60868	52.313	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	137982	51.303	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7880	56.807	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	82433	52.200	ug/l	99
94) Hexachlorobutadiene	15.204	225	41259	49.994	ug/l	98
95) Naphthalene	15.333	128	150644	56.003	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	75140	53.490	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

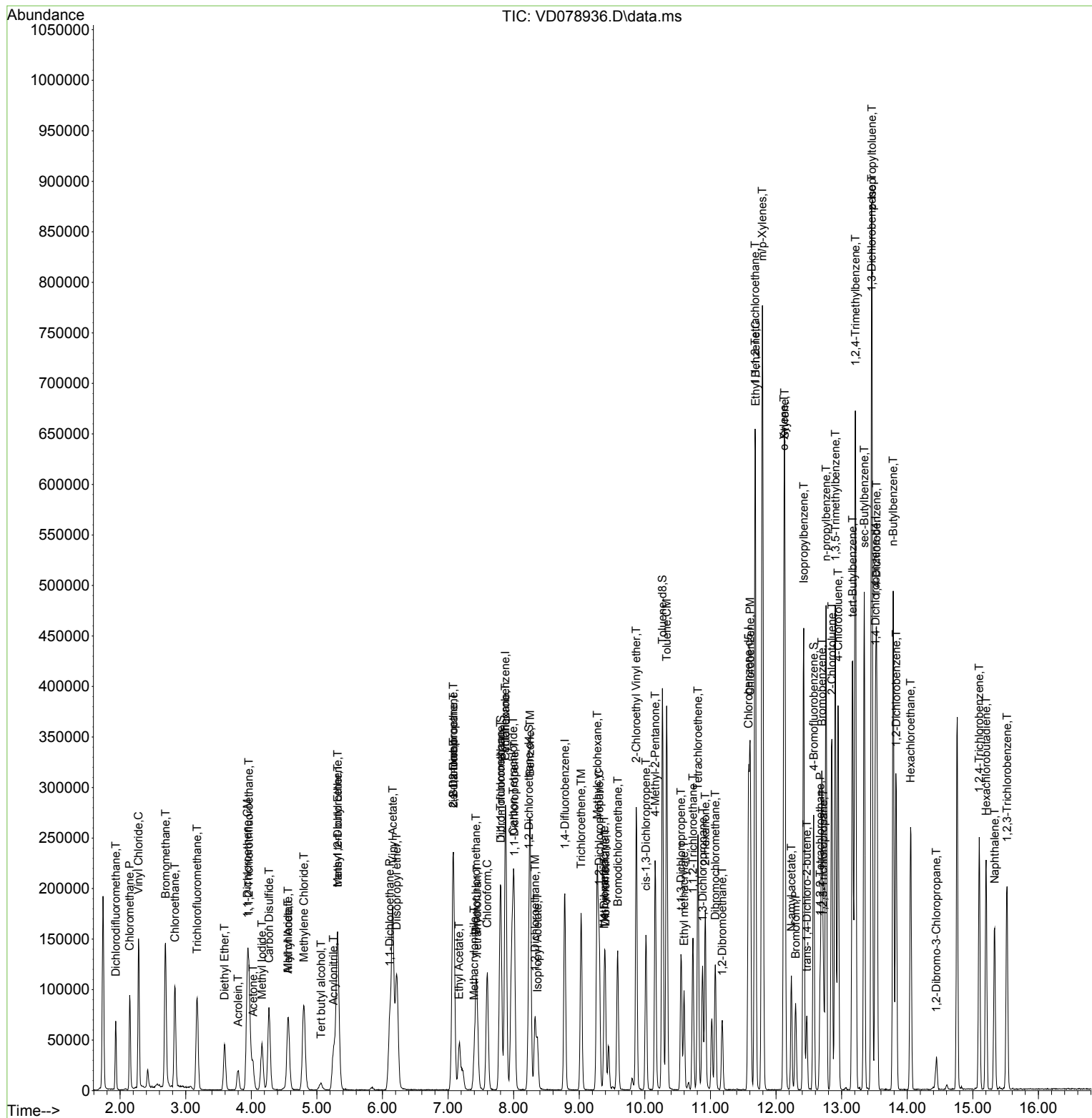
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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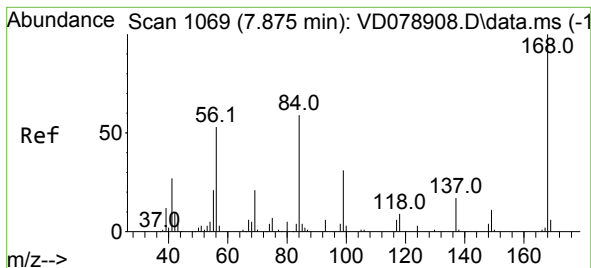
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

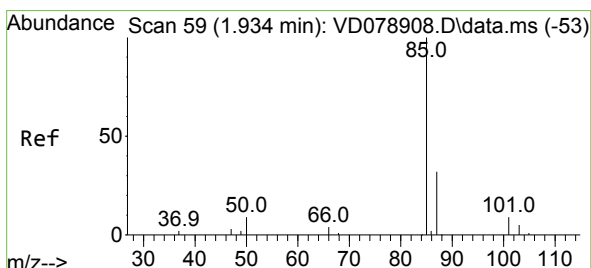
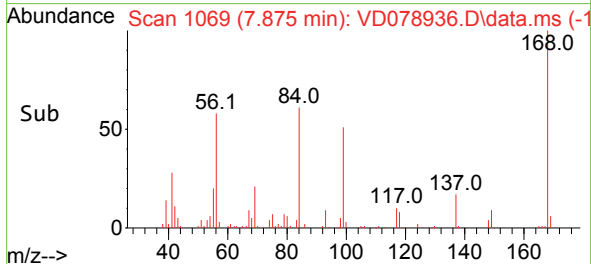
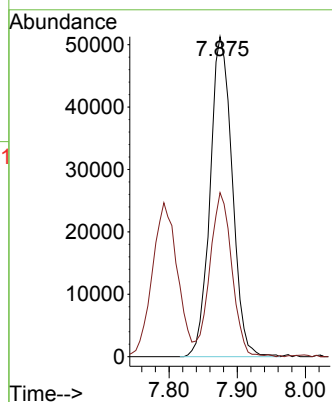
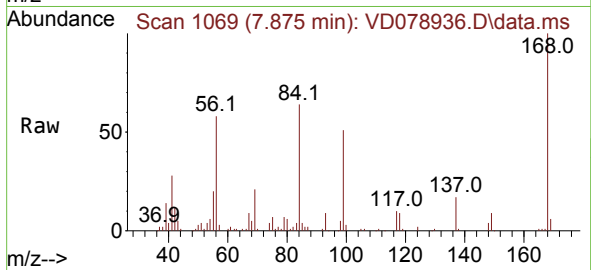
VSTDCCC050EC

Tgt Ion:168 Resp: 115789

Ion Ratio Lower Upper

168 100

99 50.9 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 46.018 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078936.D

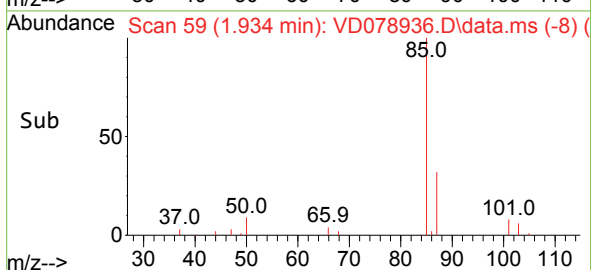
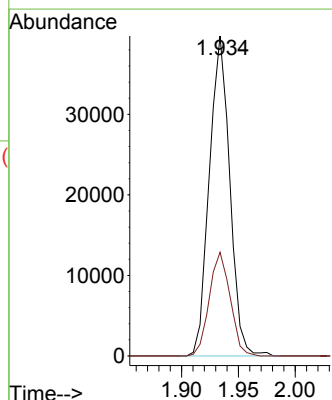
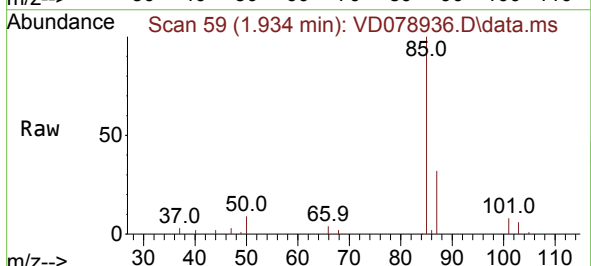
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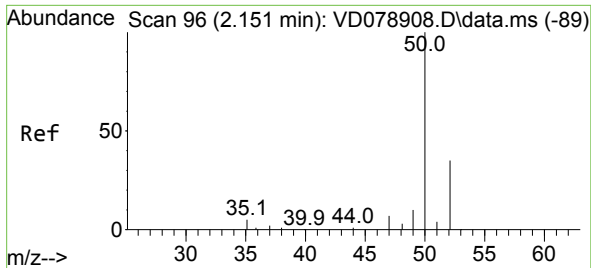
Tgt Ion: 85 Resp: 49789

Ion Ratio Lower Upper

85 100

87 32.4 16.0 48.0

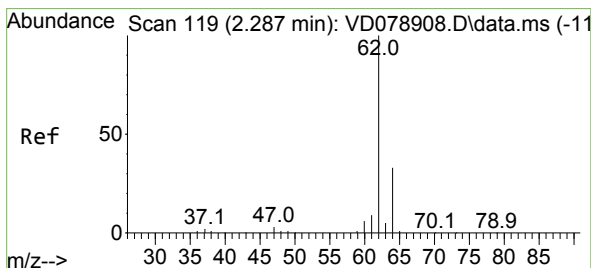
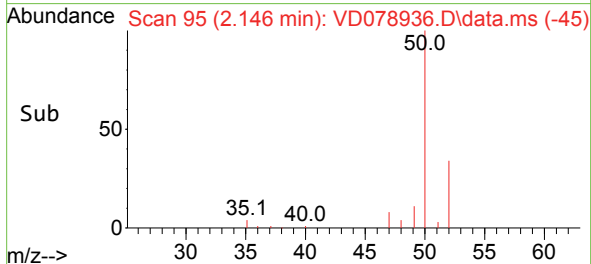
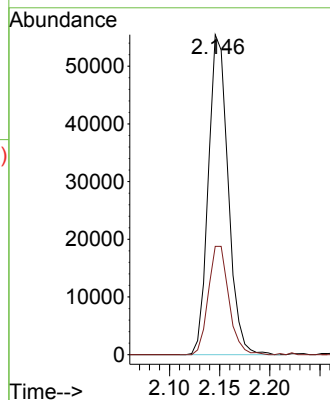
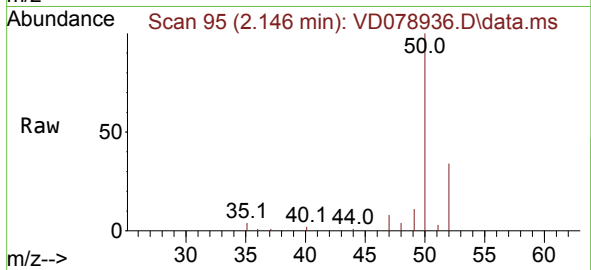




#3
Chloromethane
Concen: 52.609 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

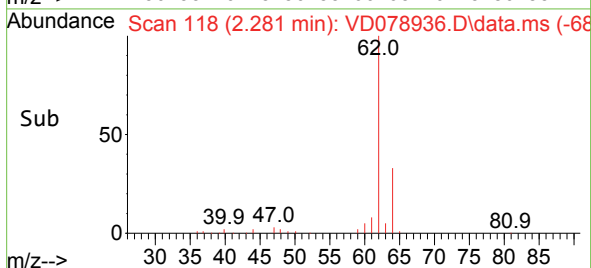
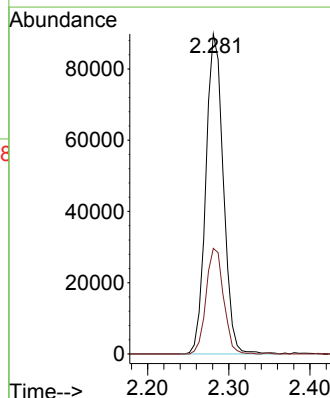
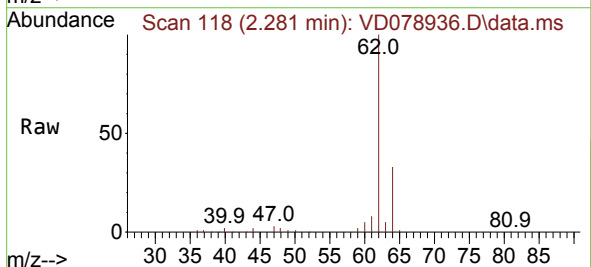
Instrument :
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ClientSampleId :
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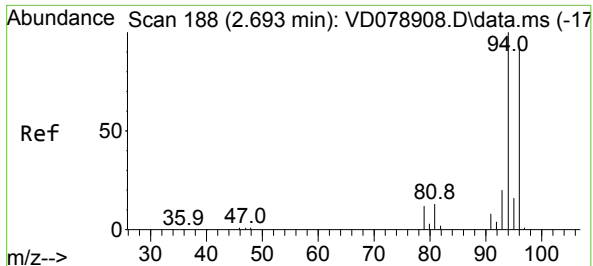
Tgt Ion: 50 Resp: 76194
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 58.285 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 62 Resp: 133968
Ion Ratio Lower Upper
62 100
64 33.0 26.3 39.5

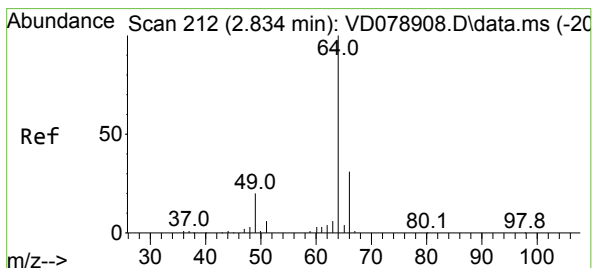
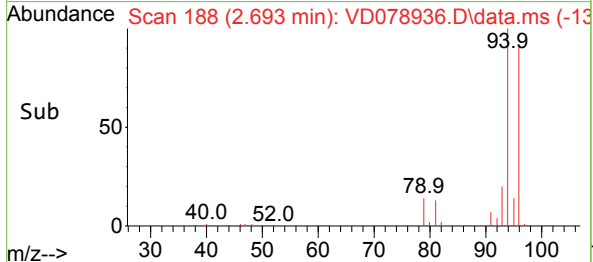
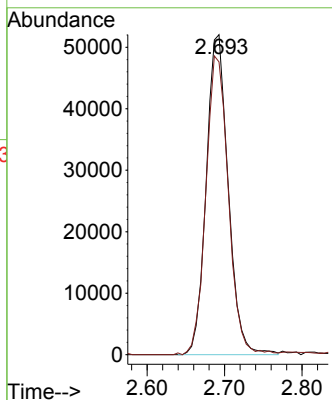
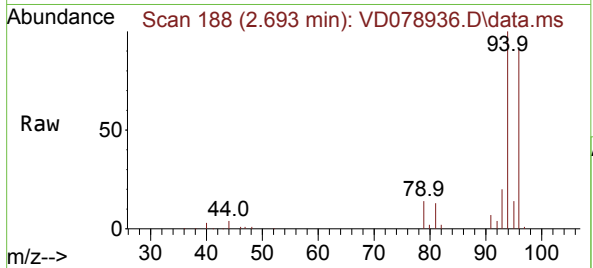




#5
Bromomethane
Concen: 46.316 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078936.D
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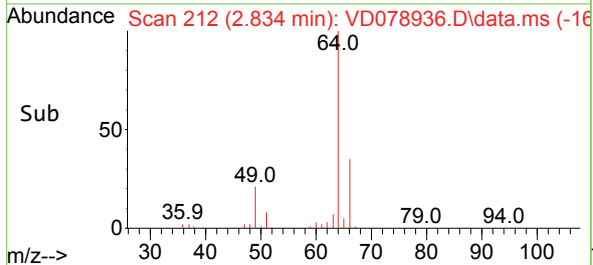
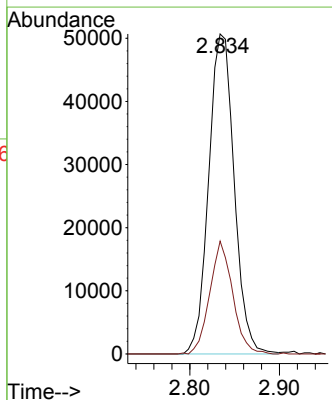
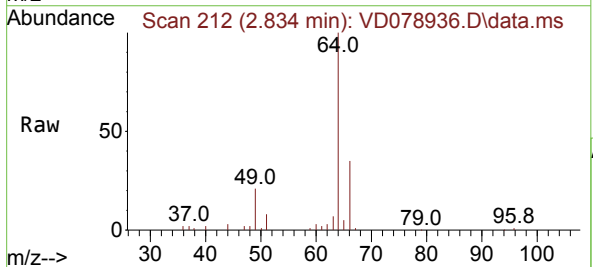
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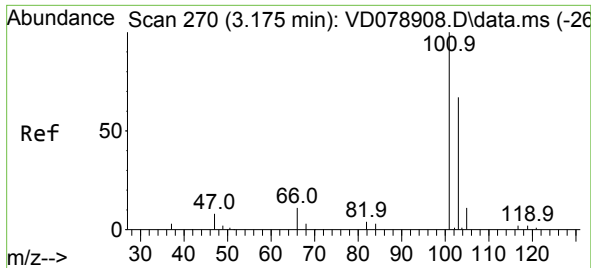
Tgt Ion: 94 Resp: 102720
Ion Ratio Lower Upper
94 100
96 95.8 76.9 115.3



#6
Chloroethane
Concen: 48.275 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 64 Resp: 99981
Ion Ratio Lower Upper
64 100
66 35.3 24.5 36.7

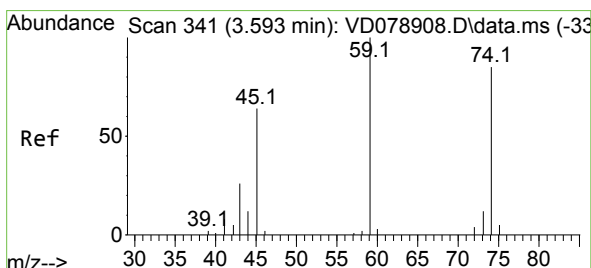
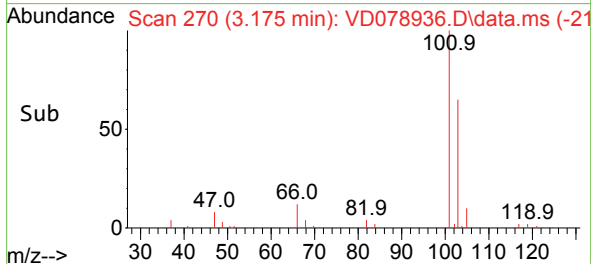
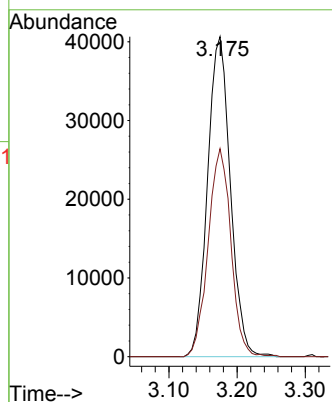
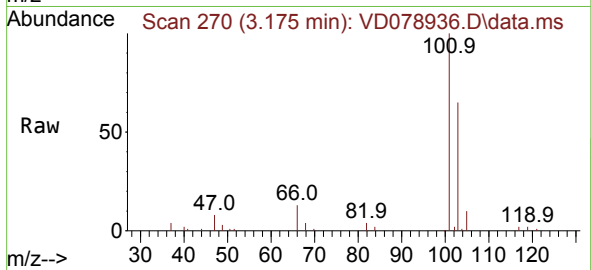




#7
Trichlorofluoromethane
Concen: 41.727 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

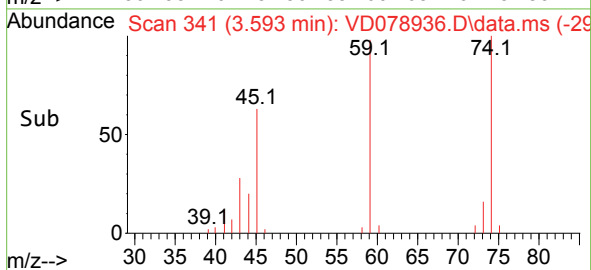
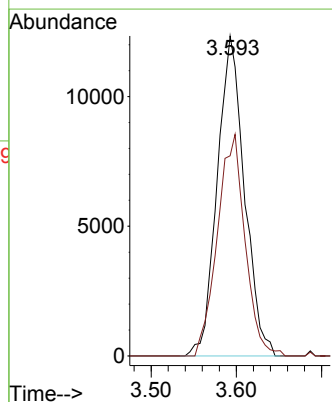
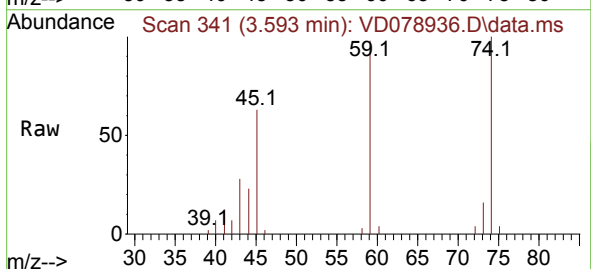
Instrument :
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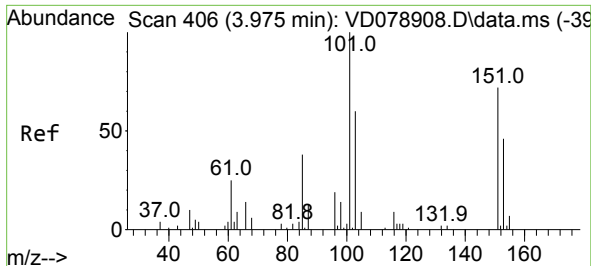
Tgt Ion:101 Resp: 94623
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8



#8
Diethyl Ether
Concen: 53.306 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 74 Resp: 27398
Ion Ratio Lower Upper
74 100
45 70.5 37.9 113.6

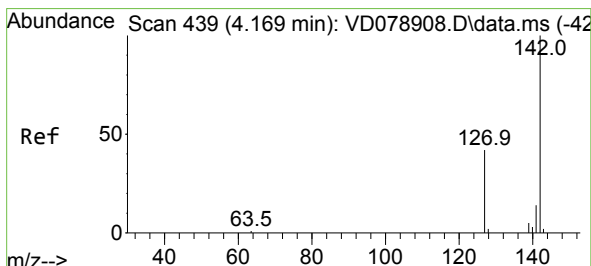
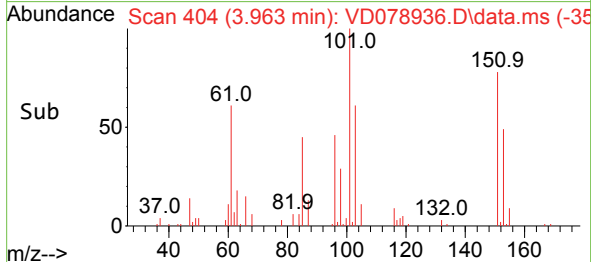
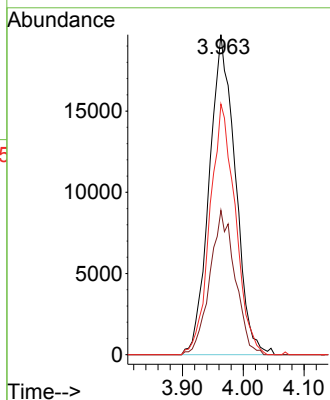
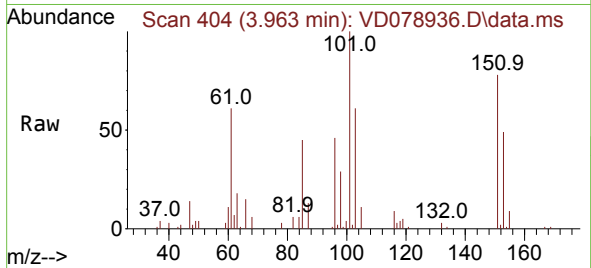




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.900 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

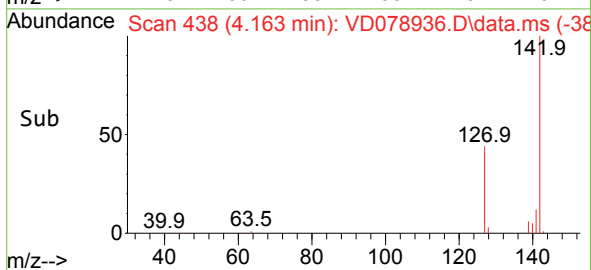
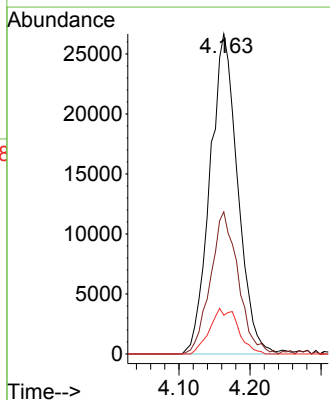
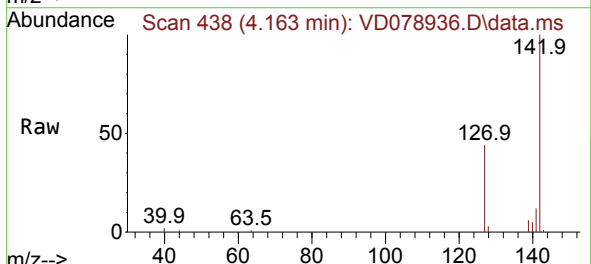
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

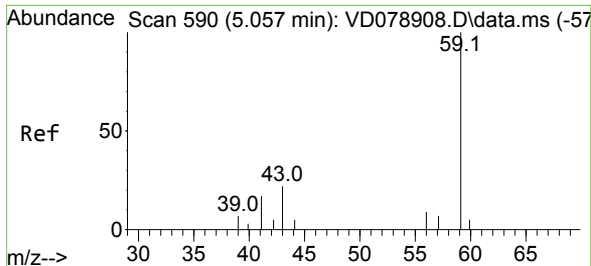
Tgt Ion:101 Resp: 58555
Ion Ratio Lower Upper
101 100
85 43.7 33.5 50.3
151 76.2 60.3 90.5



#10
Methyl Iodide
Concen: 50.518 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:142 Resp: 72272
Ion Ratio Lower Upper
142 100
127 44.4 34.2 51.4
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 250.207 ug/l

RT: 5.063 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

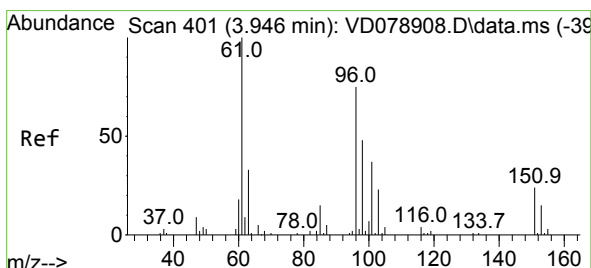
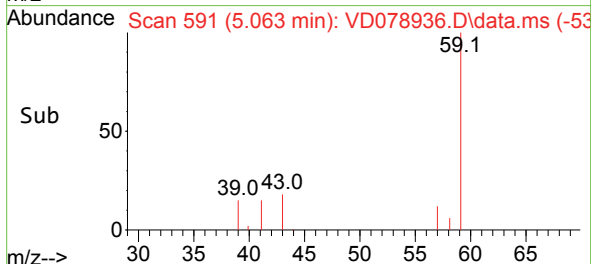
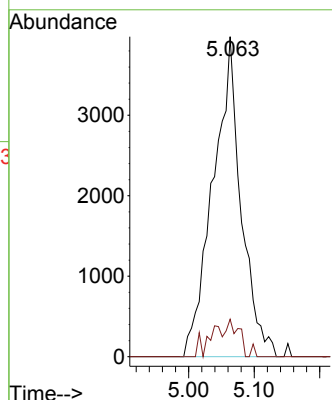
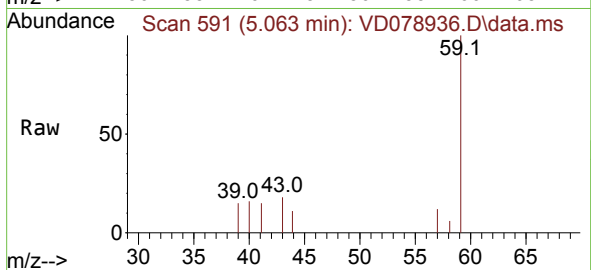
VSTDCCC050EC

Tgt Ion: 59 Resp: 11814

Ion Ratio Lower Upper

59 100

57 5.3 3.6 5.4



#12

1,1-Dichloroethene

Concen: 47.957 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

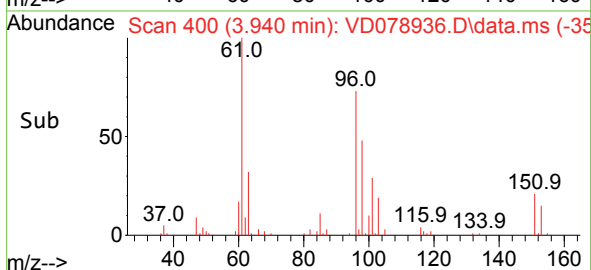
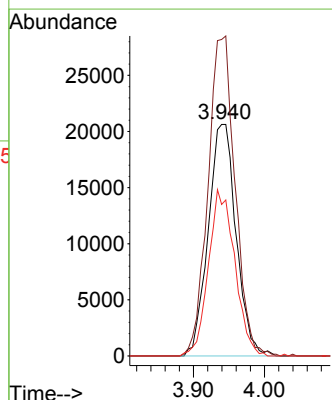
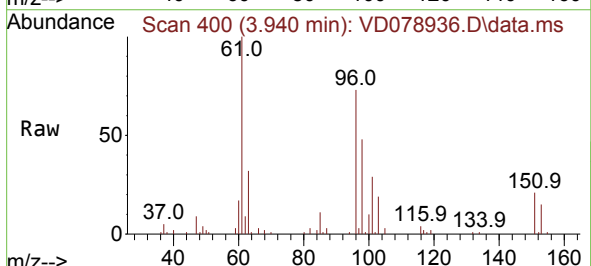
Tgt Ion: 96 Resp: 56213

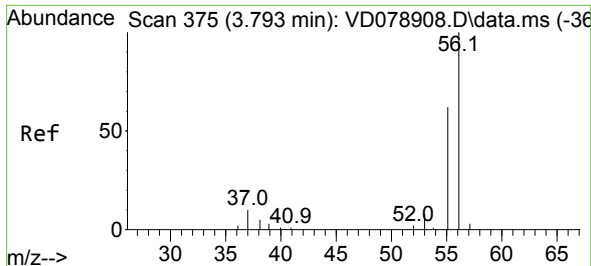
Ion Ratio Lower Upper

96 100

61 136.6 107.3 160.9

98 65.4 51.7 77.5





#13

Acrolein

Concen: 215.902 ug/l

RT: 3.798 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

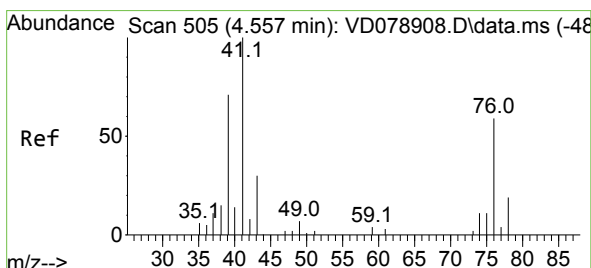
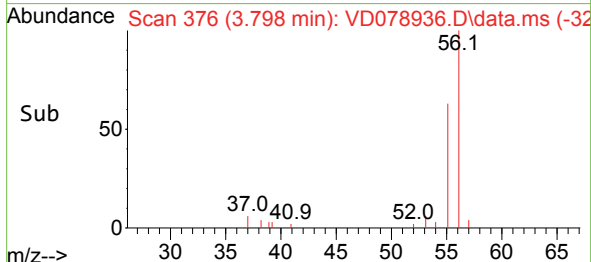
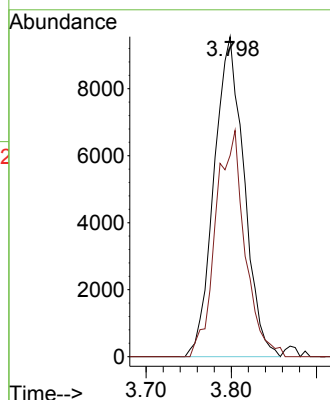
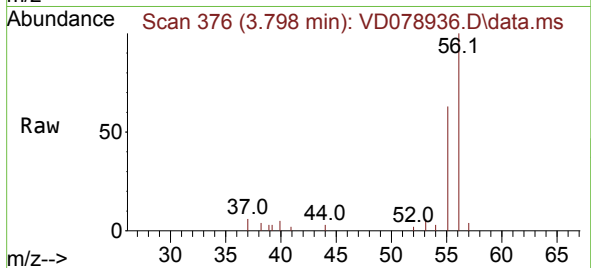
VSTDCCC050EC

Tgt Ion: 56 Resp: 23343

Ion Ratio Lower Upper

56 100

55 69.0 55.3 82.9



#14

Allyl chloride

Concen: 48.901 ug/l

RT: 4.557 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

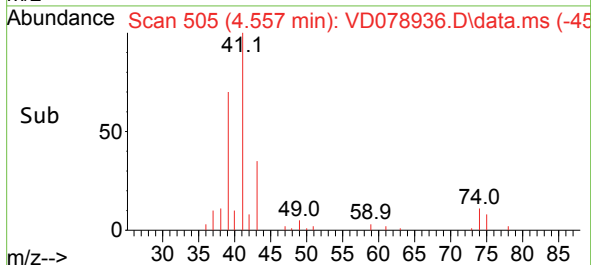
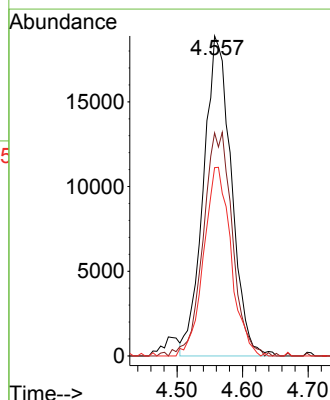
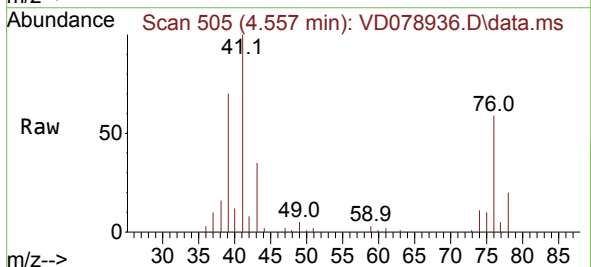
Tgt Ion: 41 Resp: 55931

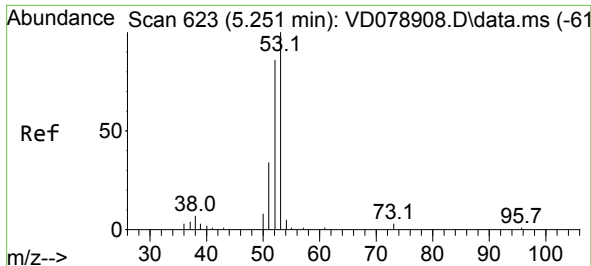
Ion Ratio Lower Upper

41 100

39 73.0 58.0 87.0

76 57.6 45.9 68.9

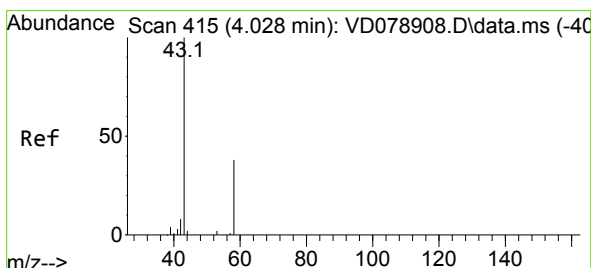
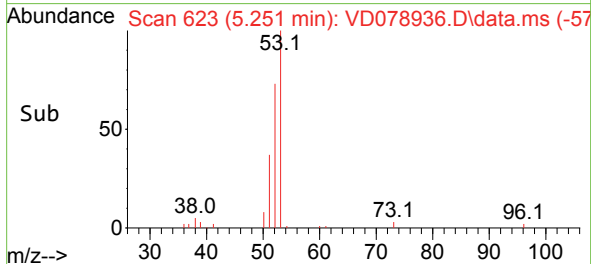
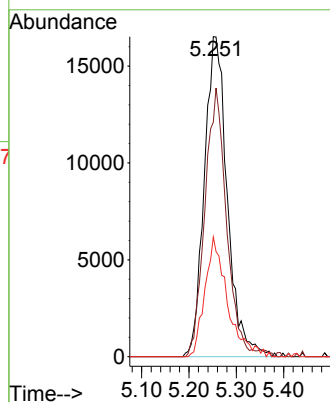
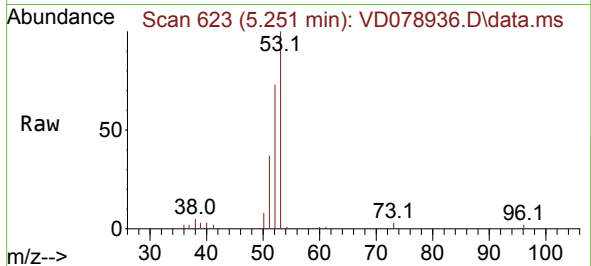




#15
Acrylonitrile
Concen: 265.623 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

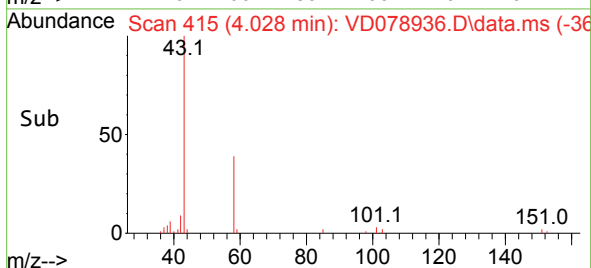
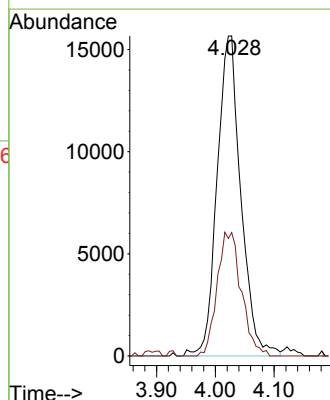
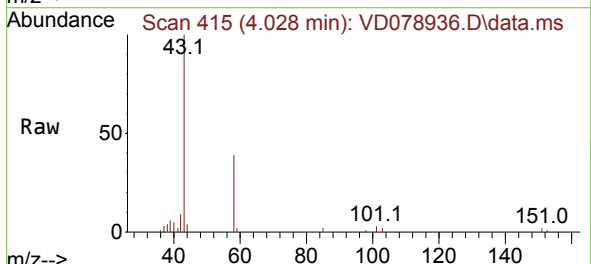
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

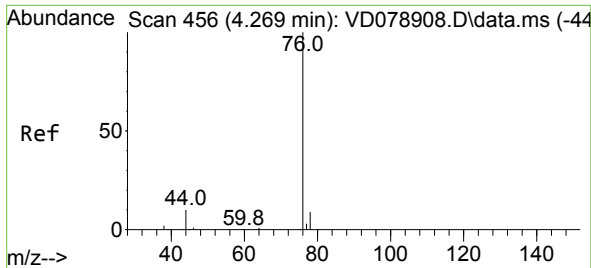
Tgt Ion:	53	Resp:	55765
Ion	Ratio	Lower	Upper
53	100		
52	78.4	67.7	101.5
51	36.7	28.6	42.8



#16
Acetone
Concen: 254.420 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:	43	Resp:	44059
Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.4	45.6

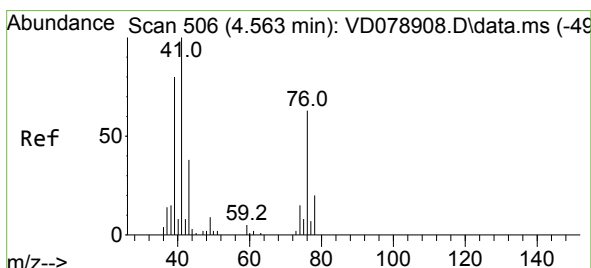
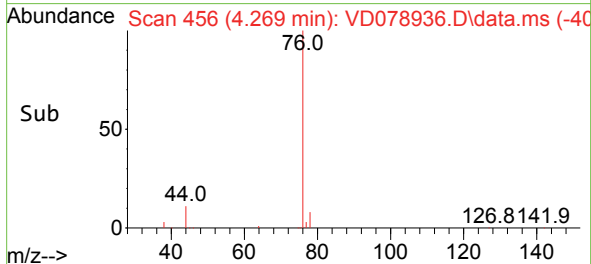
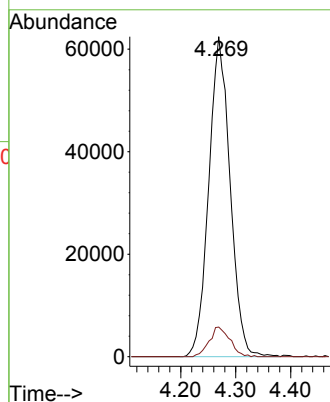
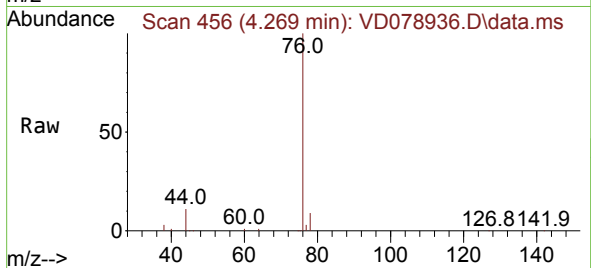




#17
Carbon Disulfide
Concen: 49.297 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

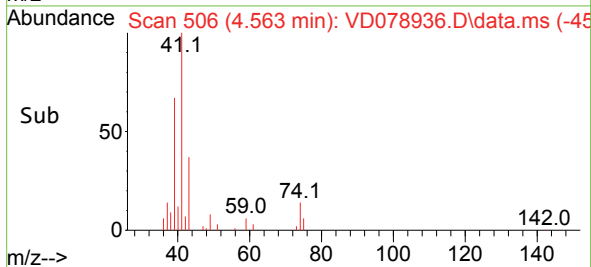
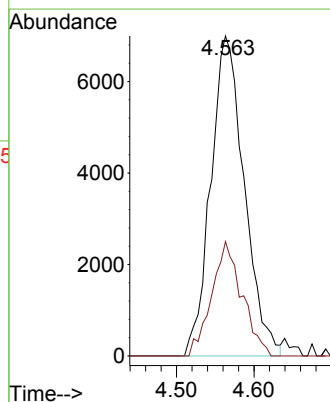
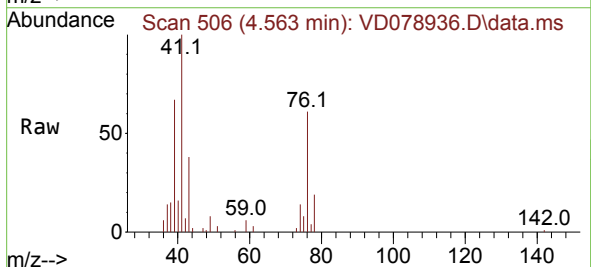
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

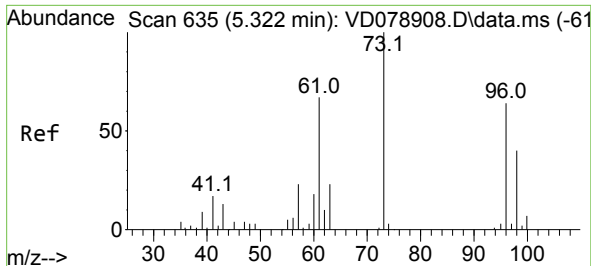
Tgt Ion: 76 Resp: 168247
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 52.689 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 43 Resp: 21009
Ion Ratio Lower Upper
43 100
74 32.4 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 52.247 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

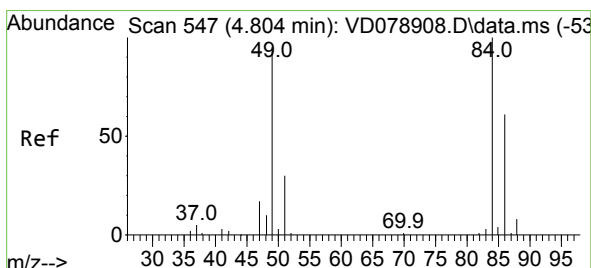
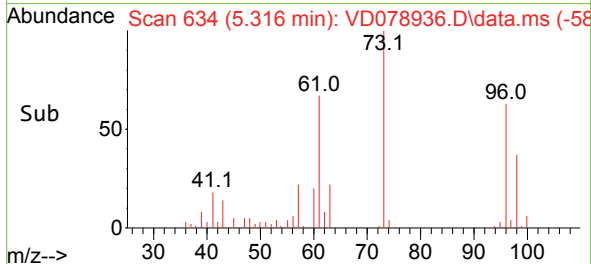
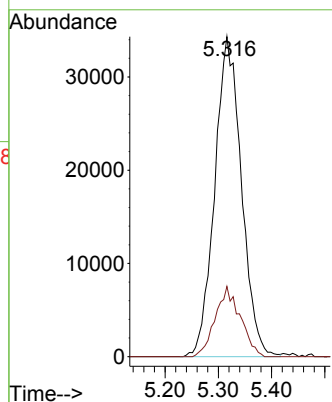
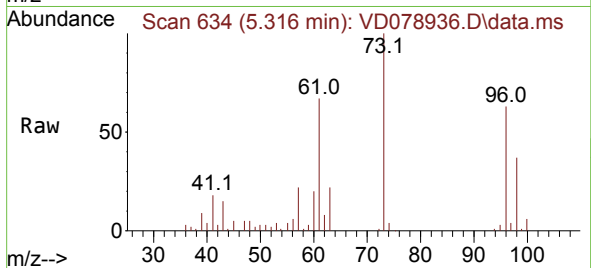
VSTDCCC050EC

Tgt Ion: 73 Resp: 119328

Ion Ratio Lower Upper

73 100

57 22.0 18.3 27.5



#20

Methylene Chloride

Concen: 54.120 ug/l

RT: 4.804 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Tgt Ion: 84 Resp: 73898

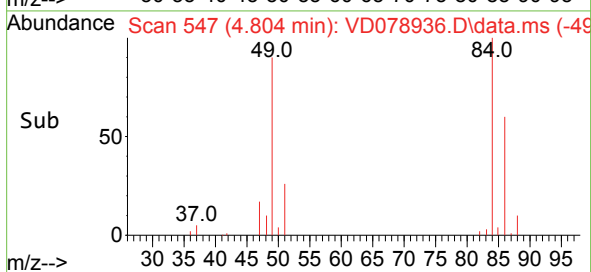
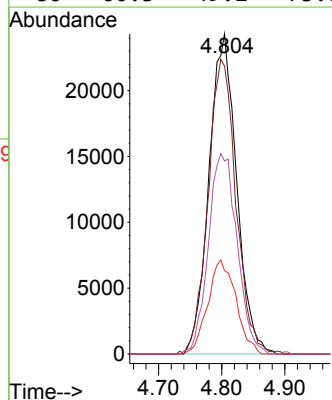
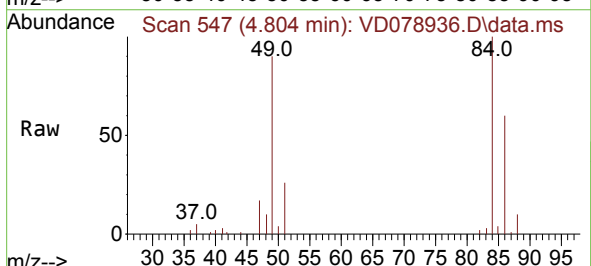
Ion Ratio Lower Upper

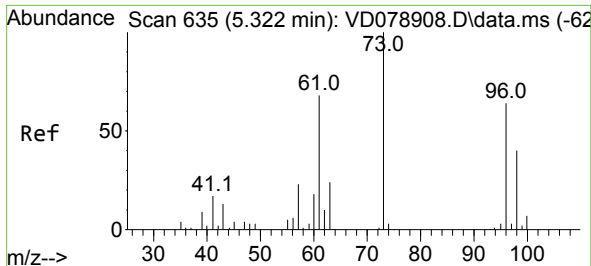
84 100

49 89.2 75.6 113.4

51 26.0 24.2 36.2

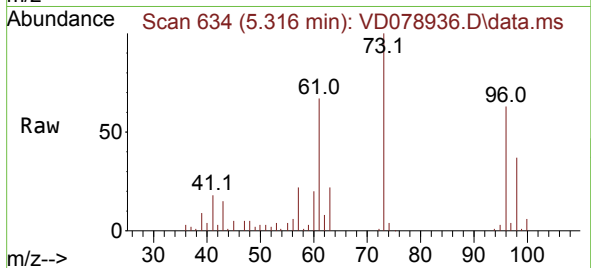
86 60.3 49.2 73.8



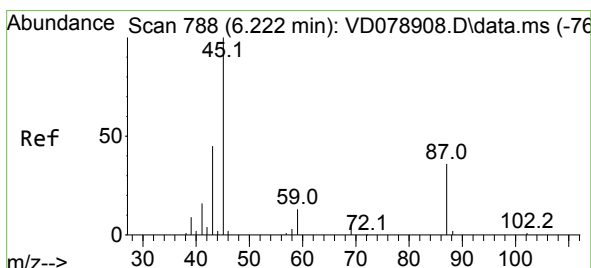
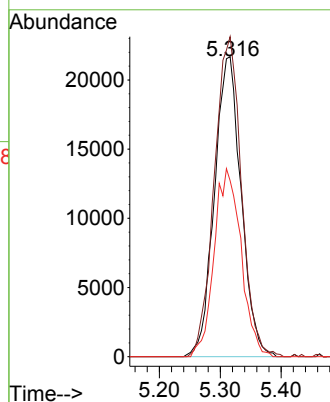
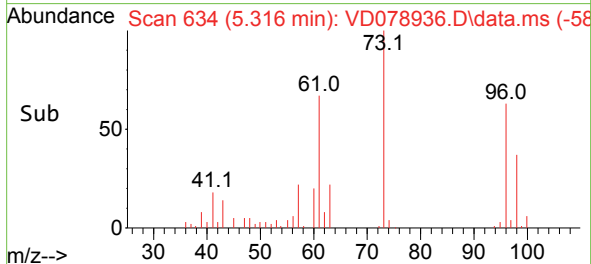


#21
trans-1,2-Dichloroethene
Concen: 50.549 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

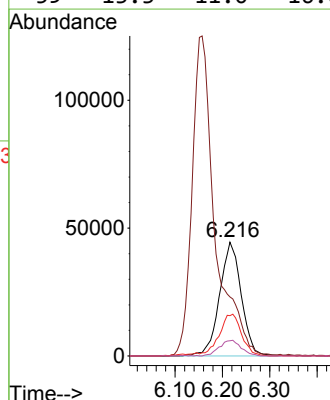
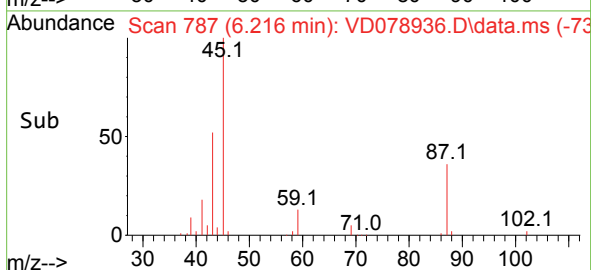
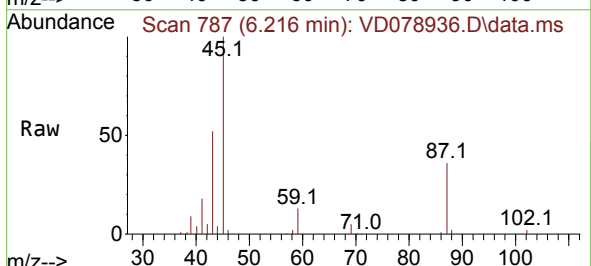


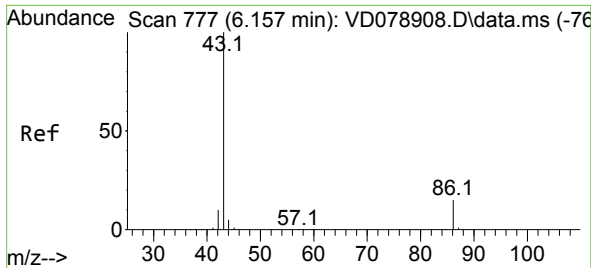
Tgt Ion: 96 Resp: 66041
Ion Ratio Lower Upper
96 100
61 106.6 84.5 126.7
98 58.7 50.5 75.7



#22
Diisopropyl ether
Concen: 54.722 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 45 Resp: 141561
Ion Ratio Lower Upper
45 100
43 50.4 41.7 62.5
87 35.1 30.2 45.2
59 13.3 11.0 16.6

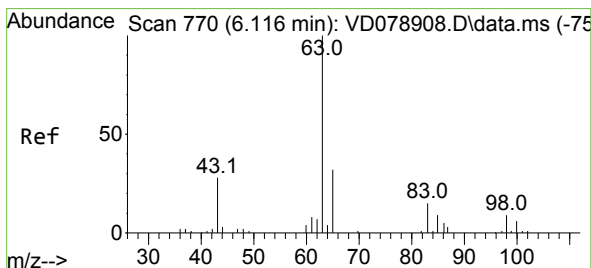
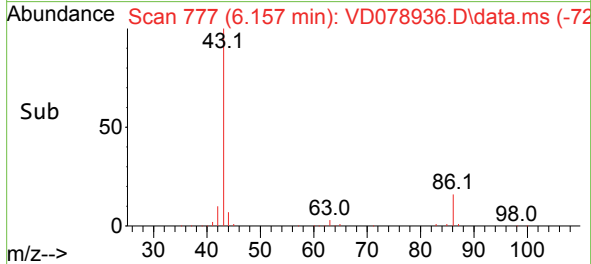
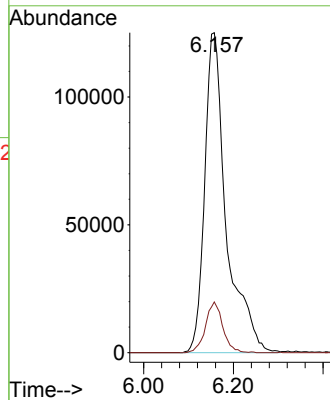
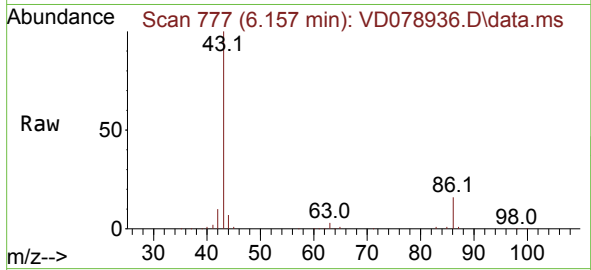




#23
 Vinyl Acetate
 Concen: 270.665 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078936.D
 Acq: 15 May 2024 18:05

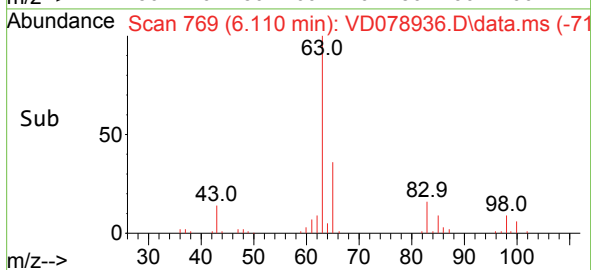
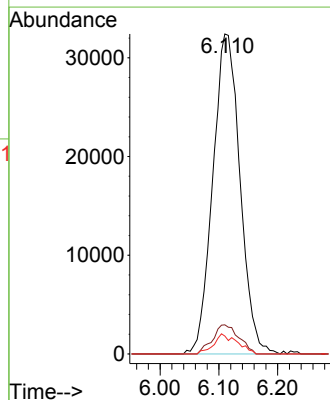
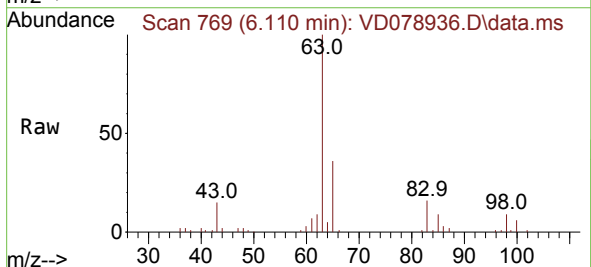
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

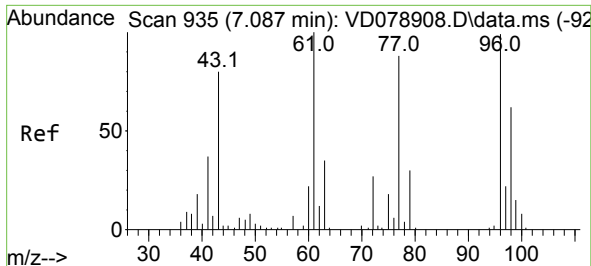
Tgt Ion: 43 Resp: 419968
 Ion Ratio Lower Upper
 43 100
 86 15.8 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 50.796 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078936.D
 Acq: 15 May 2024 18:05

Tgt Ion: 63 Resp: 104170
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.7 14.0
 100 5.6 2.9 8.6





#25

2-Butanone

Concen: 254.993 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

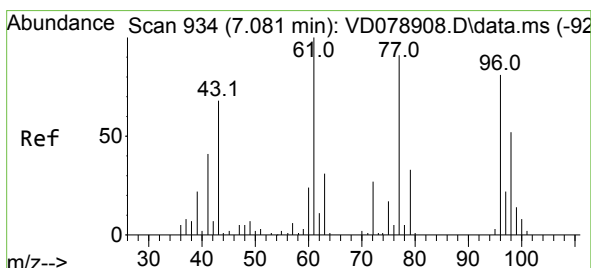
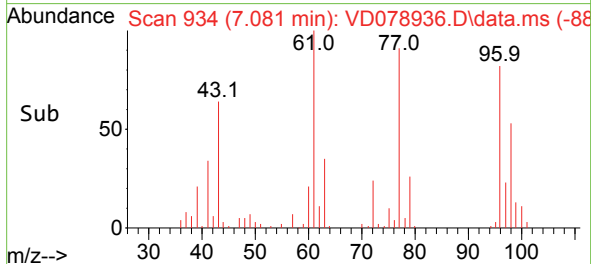
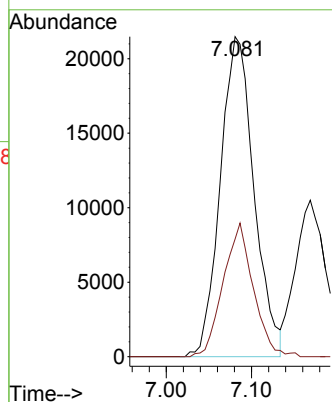
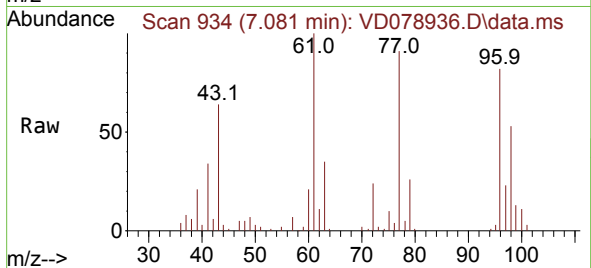
VSTDCCC050EC

Tgt Ion: 43 Resp: 59060

Ion Ratio Lower Upper

43 100

72 36.7 26.4 39.6



#26

2,2-Dichloropropane

Concen: 48.560 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078936.D

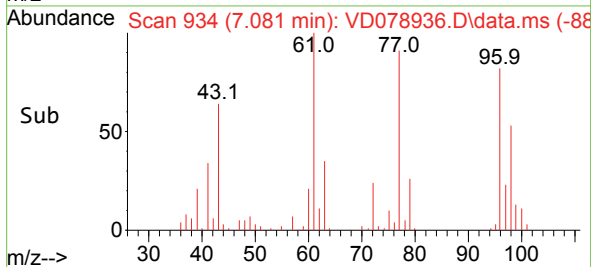
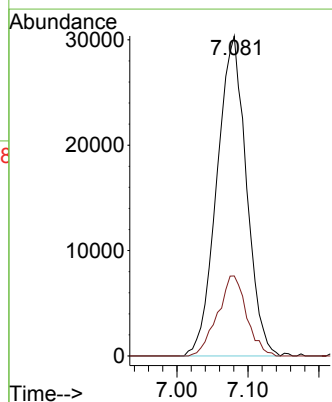
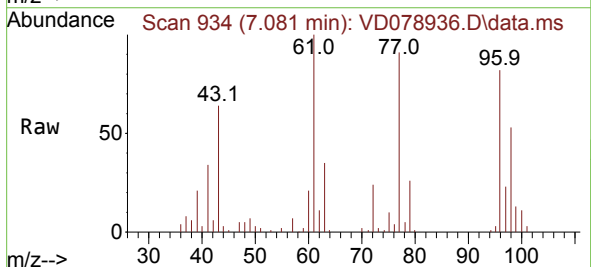
Acq: 15 May 2024 18:05

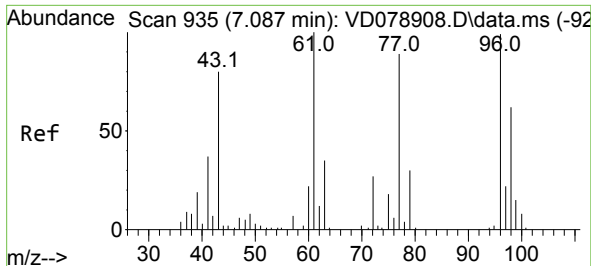
Tgt Ion: 77 Resp: 87515

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.2



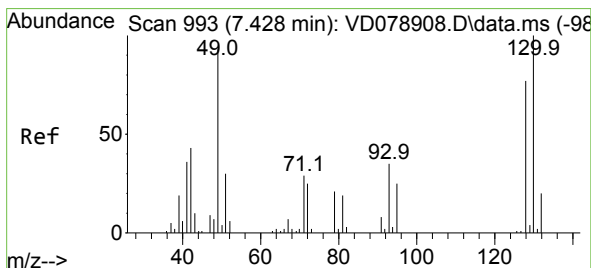
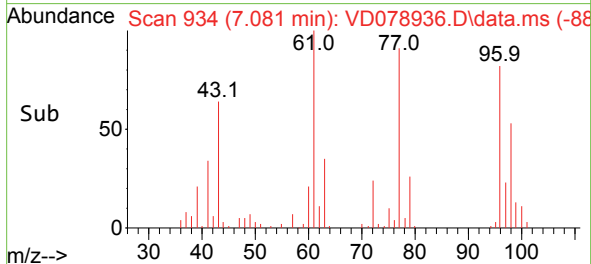
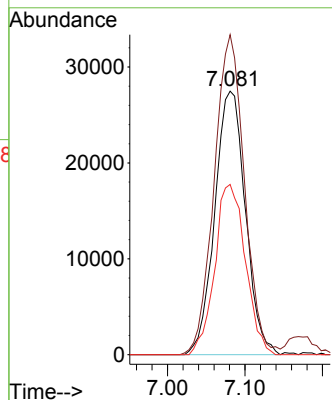
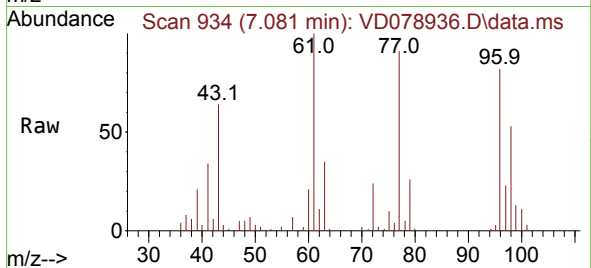


#27
 cis-1,2-Dichloroethene
 Concen: 49.322 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078936.D
 Acq: 15 May 2024 18:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 75667

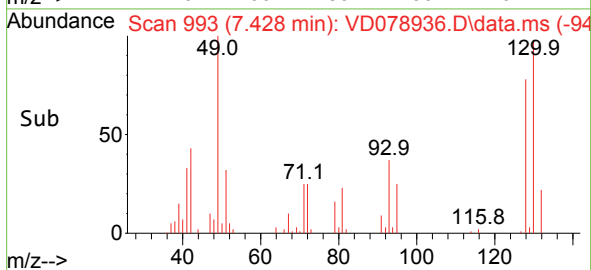
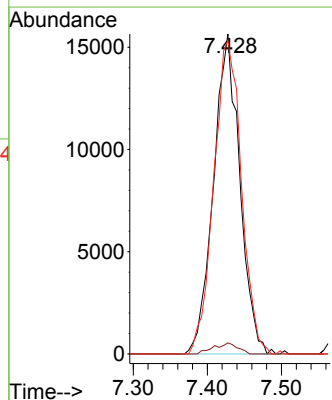
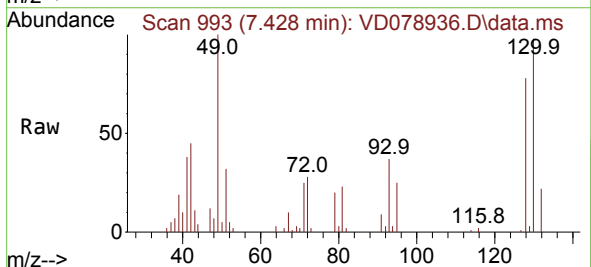
Ion	Ratio	Lower	Upper
96	100		
61	119.6	0.0	229.0
98	64.4	0.0	127.2

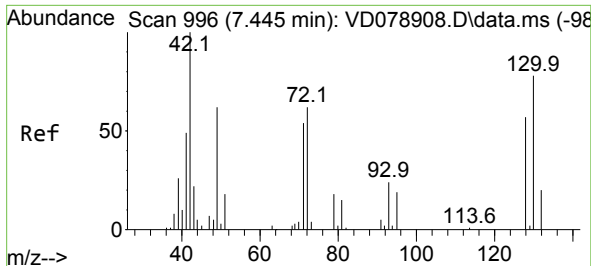


#28
 Bromochloromethane
 Concen: 56.228 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078936.D
 Acq: 15 May 2024 18:05

Tgt Ion: 49 Resp: 38455

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	7.0
130	103.2	87.7	131.5





#29

Tetrahydrofuran

Concen: 262.955 ug/l

RT: 7.445 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

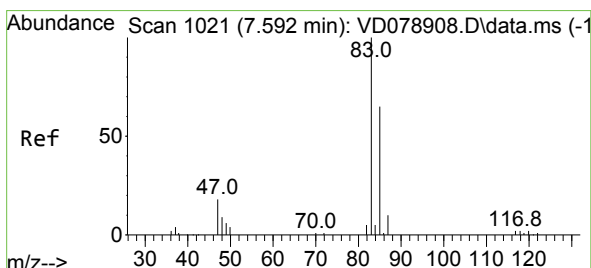
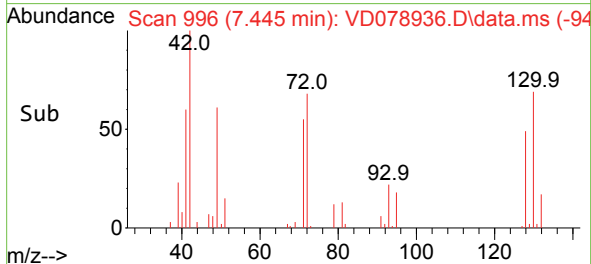
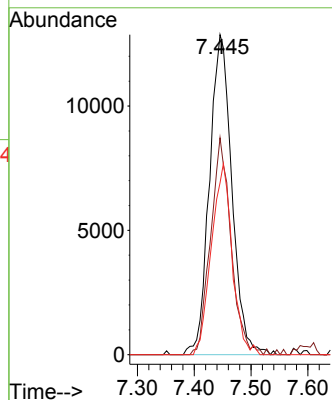
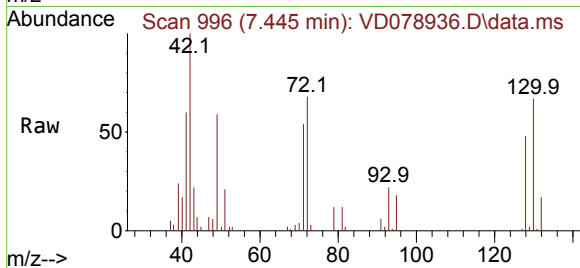
Tgt Ion: 42 Resp: 35227

Ion Ratio Lower Upper

42 100

72 61.9 49.4 74.0

71 55.4 45.0 67.6



#30

Chloroform

Concen: 51.176 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078936.D

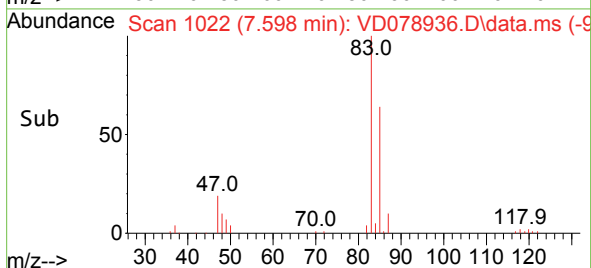
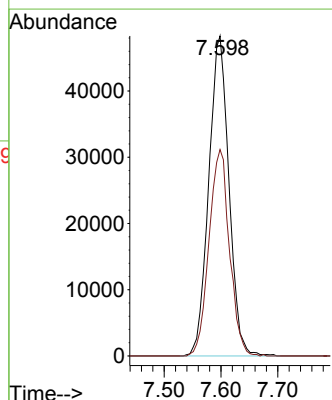
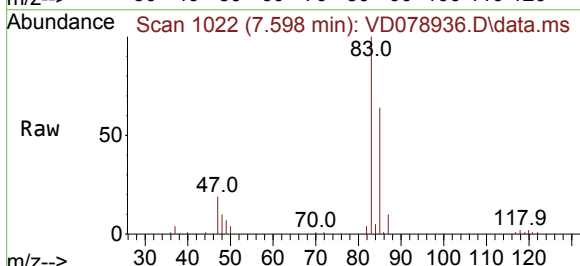
Acq: 15 May 2024 18:05

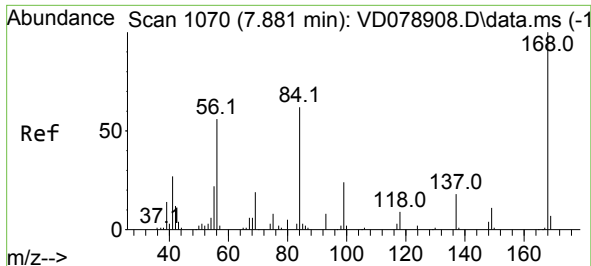
Tgt Ion: 83 Resp: 118869

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6

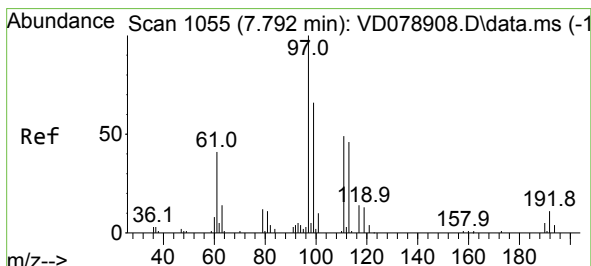
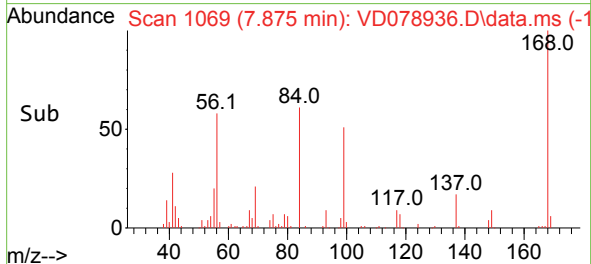
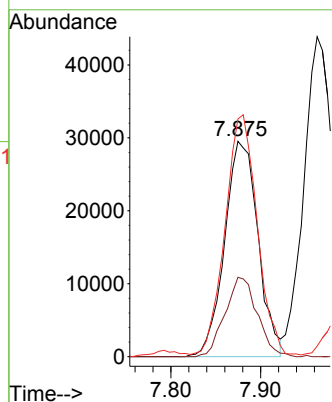
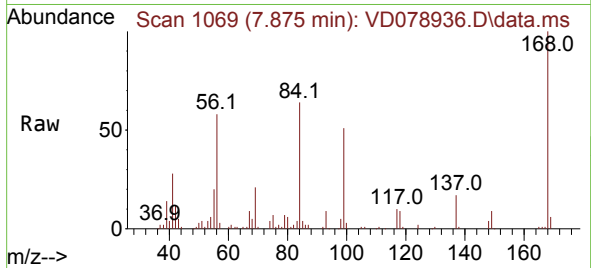




#31
Cyclohexane
Concen: 48.165 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

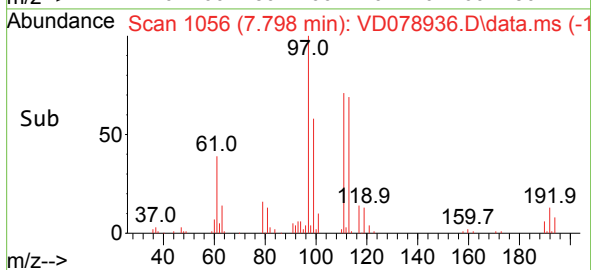
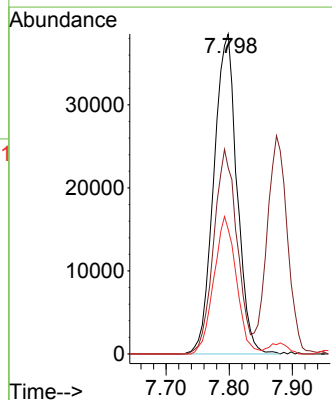
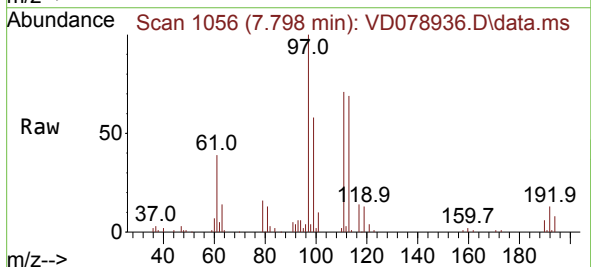
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

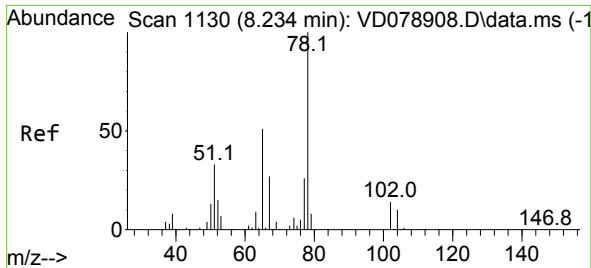
Tgt Ion: 56 Resp: 76428
Ion Ratio Lower Upper
56 100
69 36.9 28.0 42.0
84 109.0 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 49.452 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 97 Resp: 98369
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 41.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 56.916 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

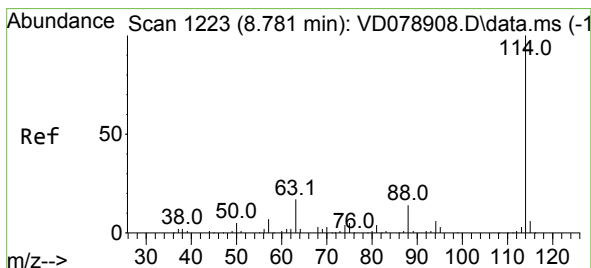
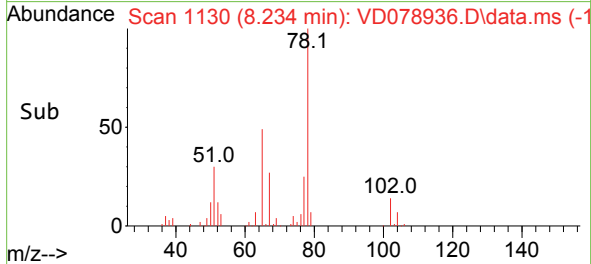
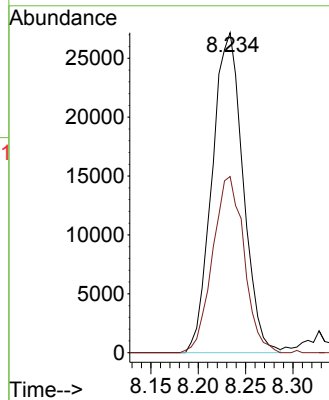
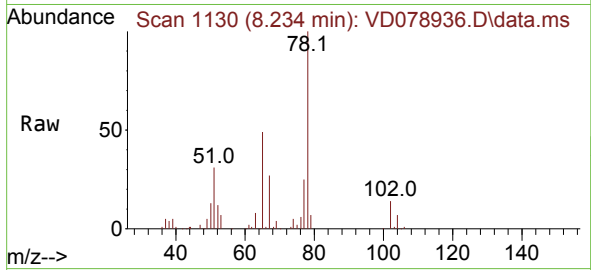
VSTDCCC050EC

Tgt Ion: 65 Resp: 61817

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

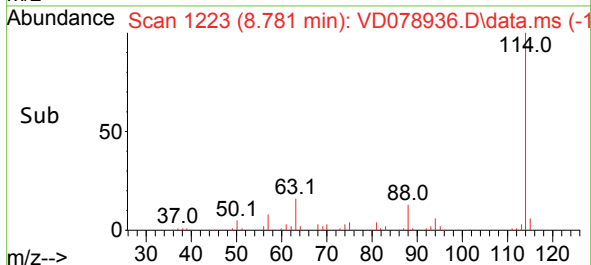
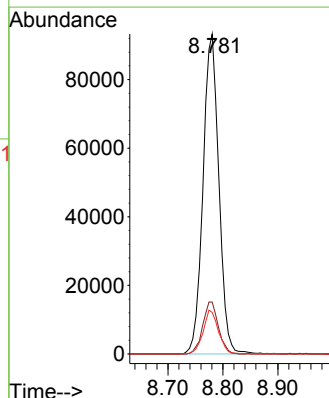
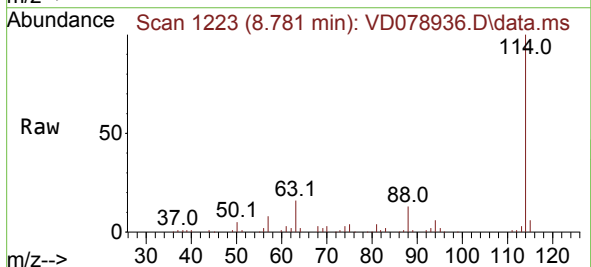
Tgt Ion: 114 Resp: 186591

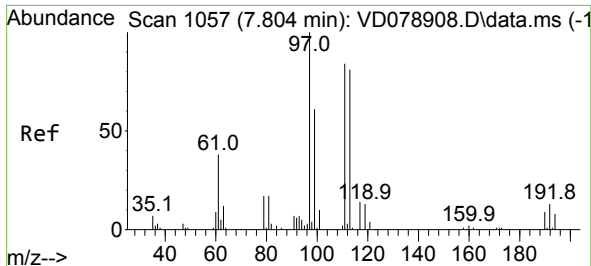
Ion Ratio Lower Upper

114 100

63 16.2 0.0 34.0

88 12.9 0.0 27.2

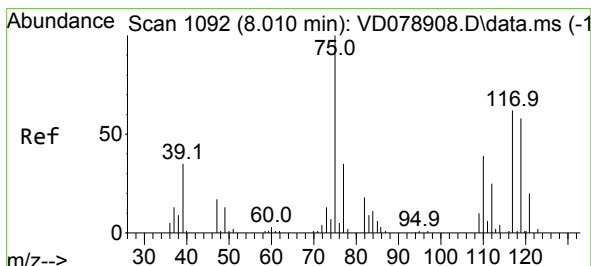
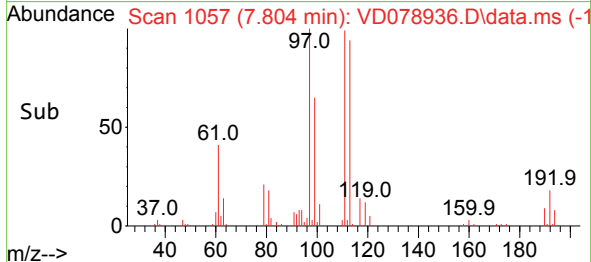
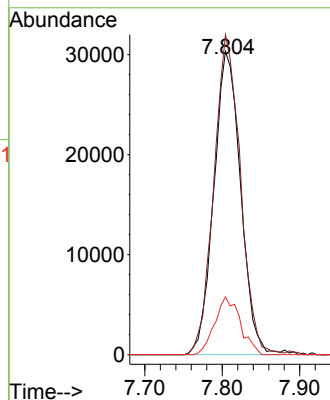
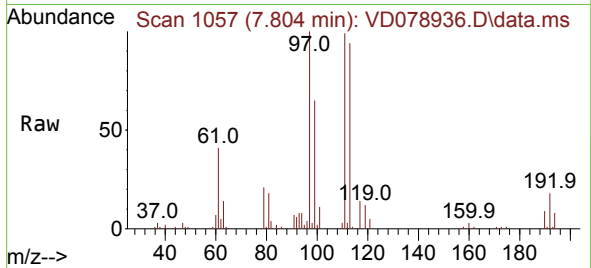




#35
Dibromofluoromethane
Concen: 58.648 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

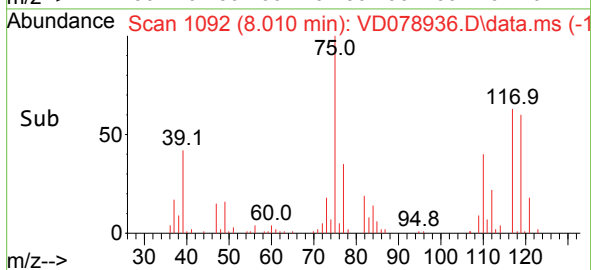
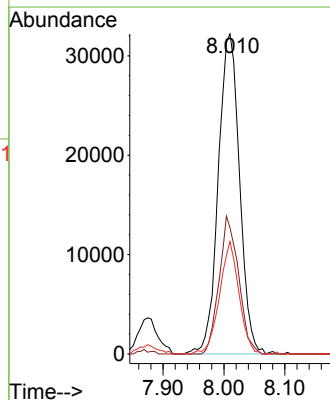
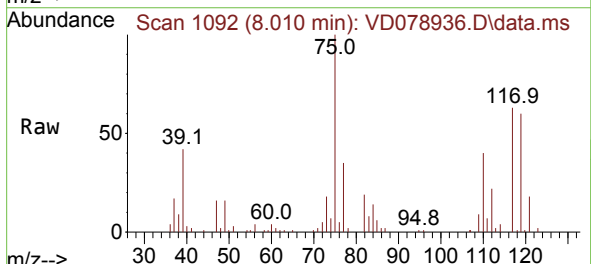
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

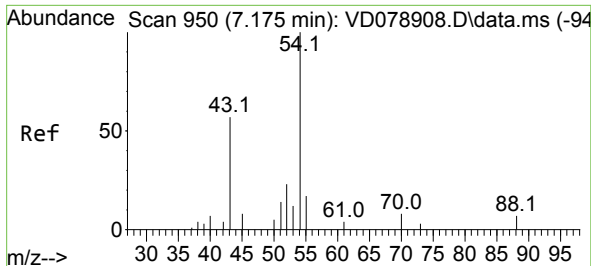
Tgt Ion:113 Resp: 72845
Ion Ratio Lower Upper
113 100
111 104.5 84.0 126.0
192 18.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 50.707 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 75 Resp: 78374
Ion Ratio Lower Upper
75 100
110 39.4 19.6 58.7
77 32.0 26.1 39.1





#37

Ethyl Acetate

Concen: 52.359 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

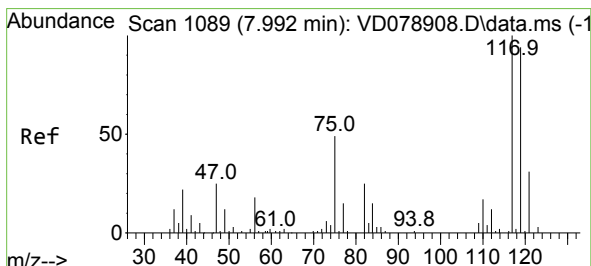
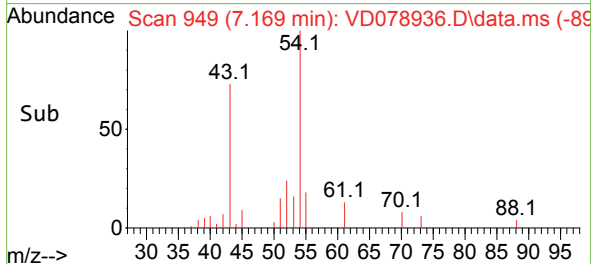
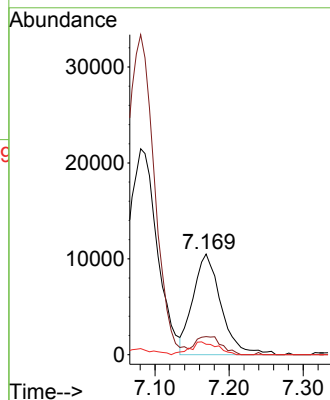
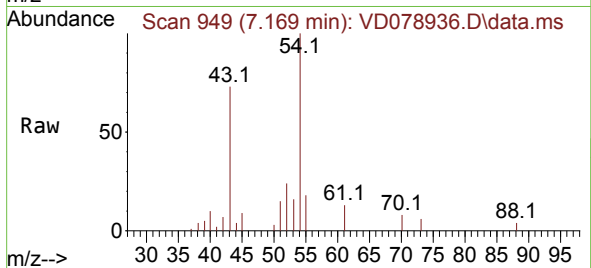
Tgt Ion: 43 Resp: 27580

Ion Ratio Lower Upper

43 100

61 16.7 13.9 20.9

70 12.2 9.8 14.6



#38

Carbon Tetrachloride

Concen: 50.743 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

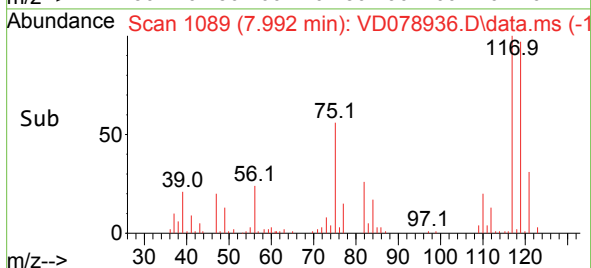
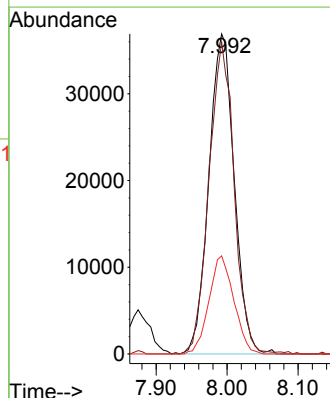
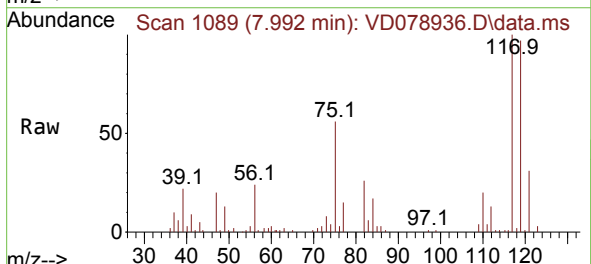
Tgt Ion: 117 Resp: 91785

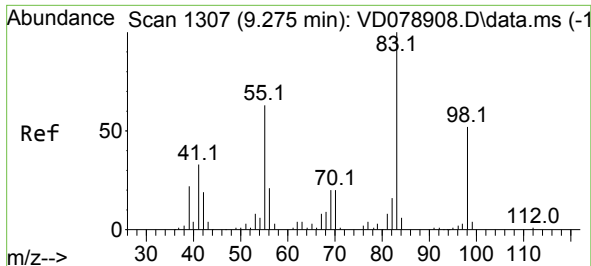
Ion Ratio Lower Upper

117 100

119 97.5 75.4 113.0

121 30.6 25.0 37.4

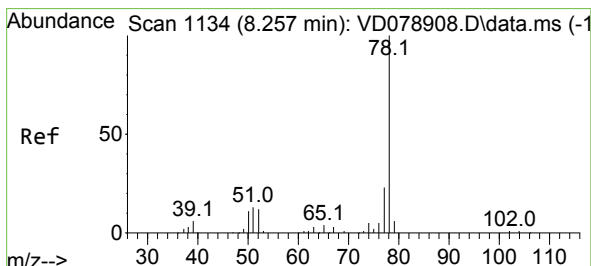
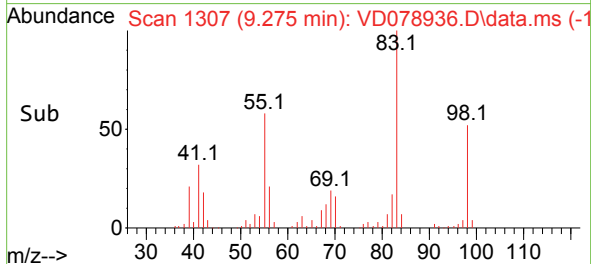
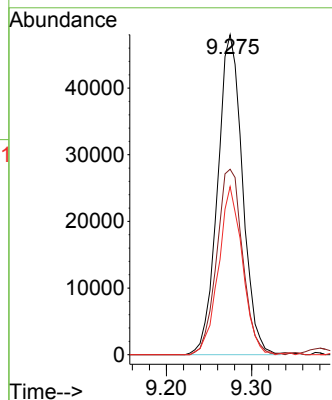
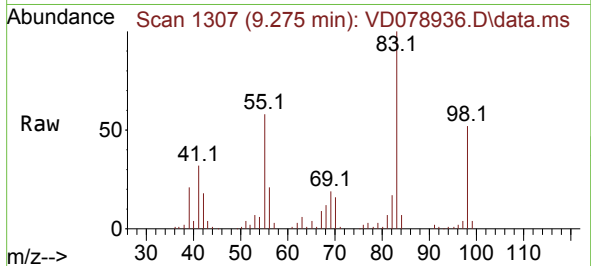




#39
Methylcyclohexane
Concen: 51.914 ug/l
RT: 9.275 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

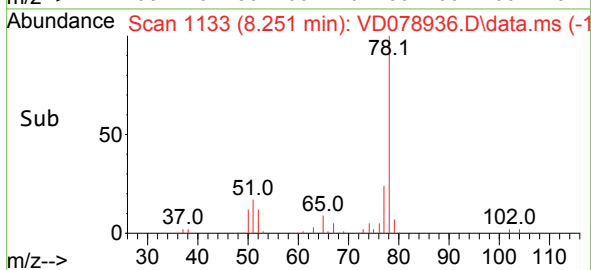
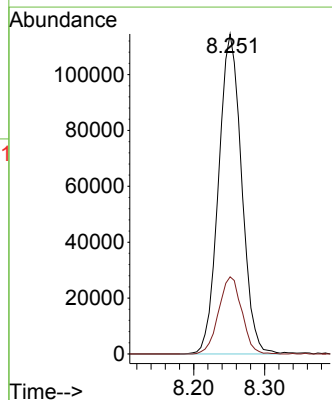
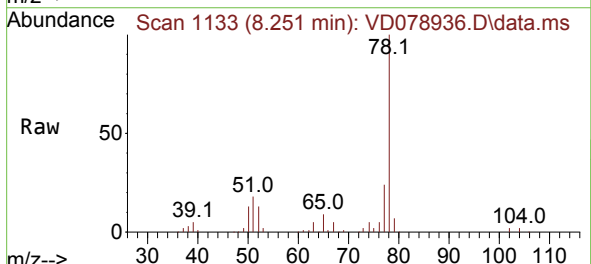
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

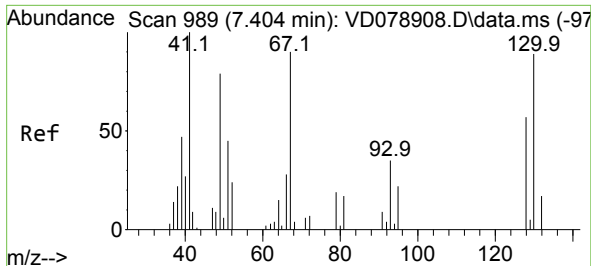
Tgt Ion: 83 Resp: 97496
Ion Ratio Lower Upper
83 100
55 57.9 50.1 75.1
98 52.5 41.9 62.9



#40
Benzene
Concen: 51.476 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 78 Resp: 257339
Ion Ratio Lower Upper
78 100
77 24.1 18.1 27.1

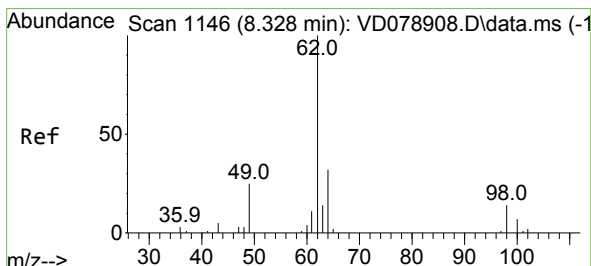
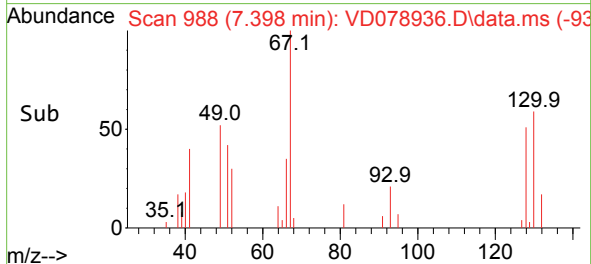
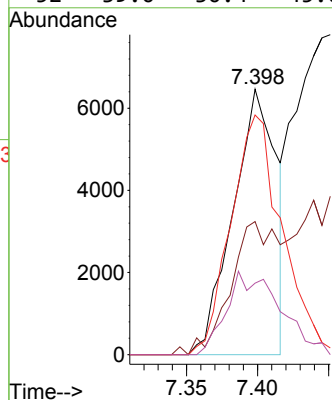
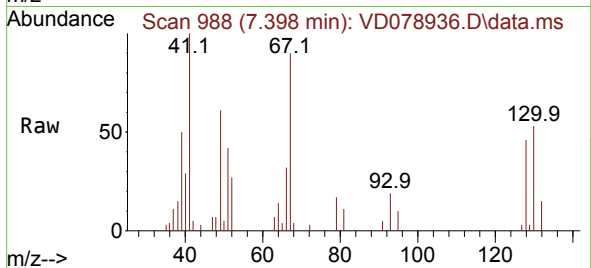




#41
Methacrylonitrile
Concen: 48.159 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

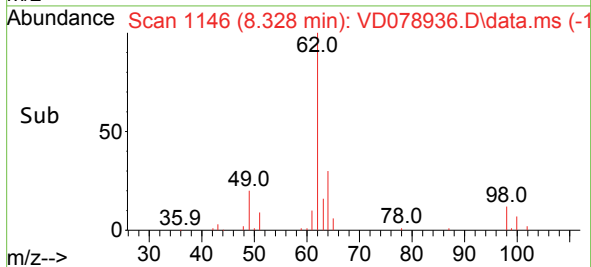
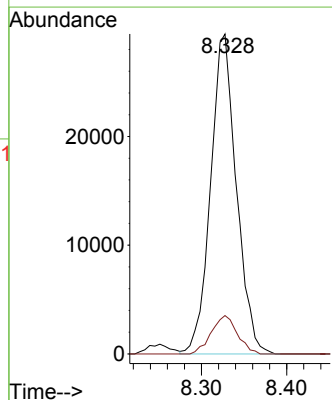
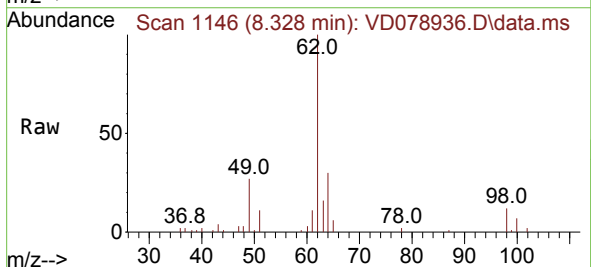
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

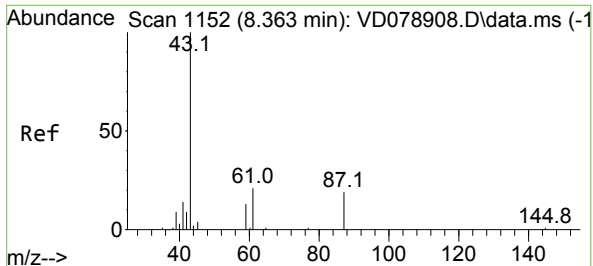
Tgt Ion:	41	Resp:	13650
Ion	Ratio	Lower	Upper
41	100		
39	54.6	41.4	62.0
67	108.4	85.8	128.6
52	39.0	30.4	45.6



#42
1,2-Dichloroethane
Concen: 51.075 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:	62	Resp:	61803
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	25.8

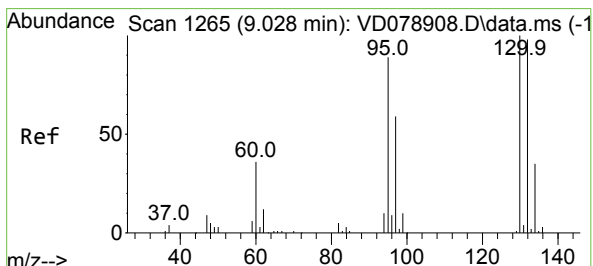
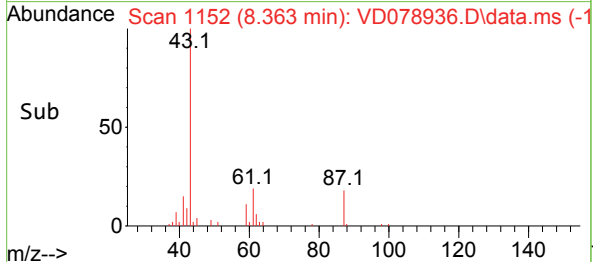
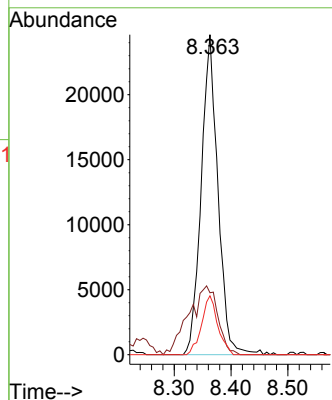
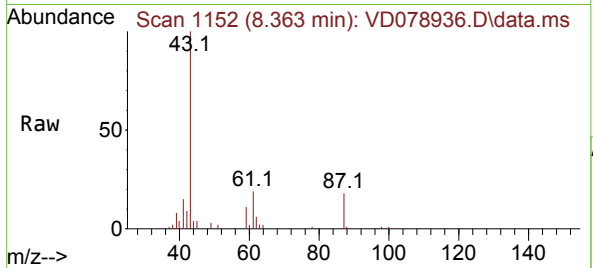




#43
Isopropyl Acetate
Concen: 53.771 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

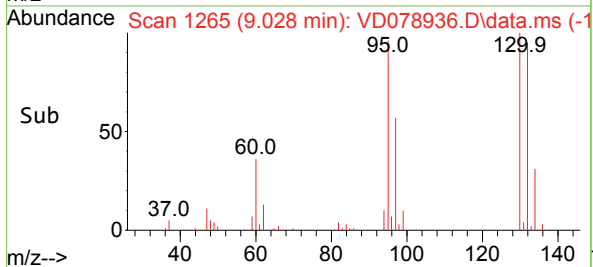
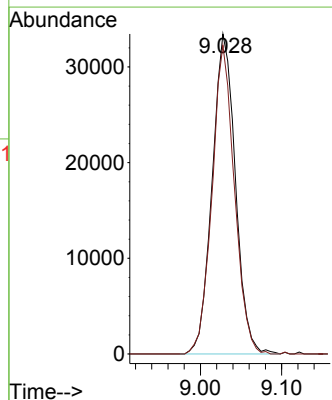
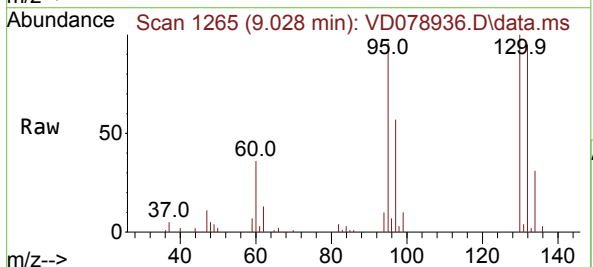
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

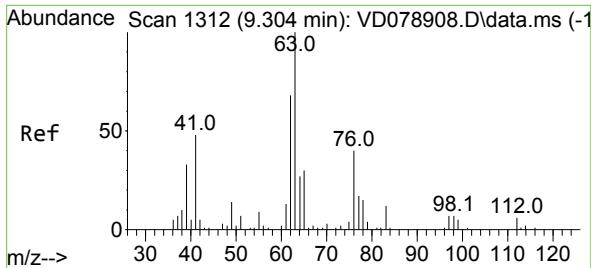
Tgt Ion: 43 Resp: 50257
Ion Ratio Lower Upper
43 100
61 37.4 29.3 43.9
87 17.9 14.9 22.3



#44
Trichloroethene
Concen: 50.151 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:130 Resp: 66501
Ion Ratio Lower Upper
130 100
95 96.4 0.0 177.8

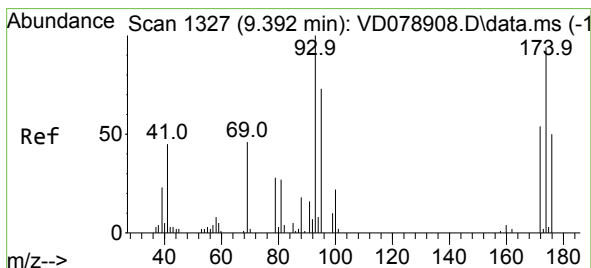
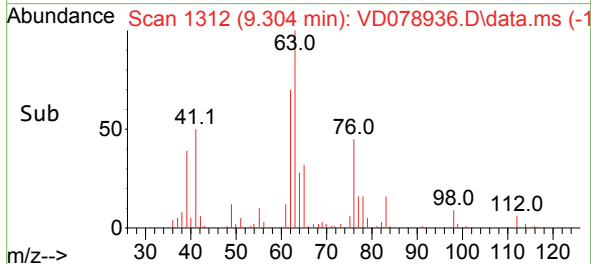
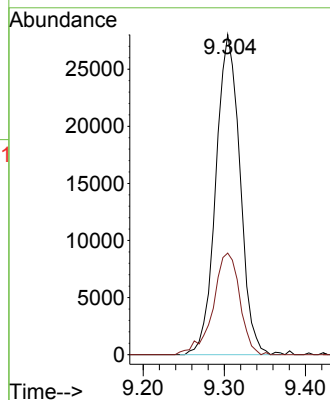
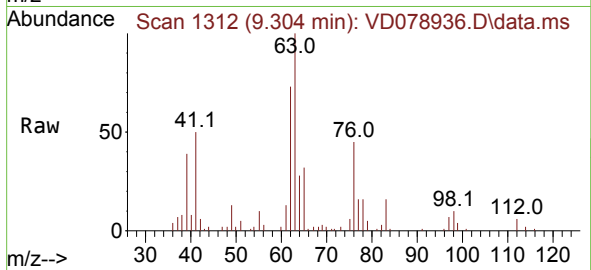




#45
1,2-Dichloropropane
Concen: 52.762 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

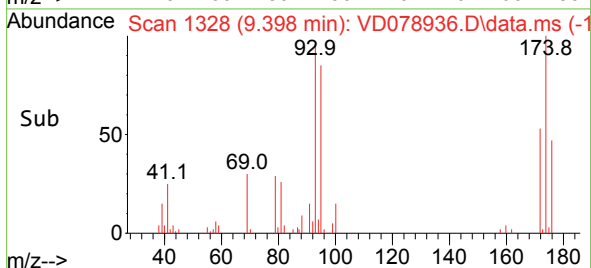
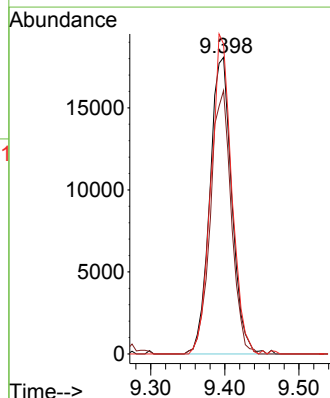
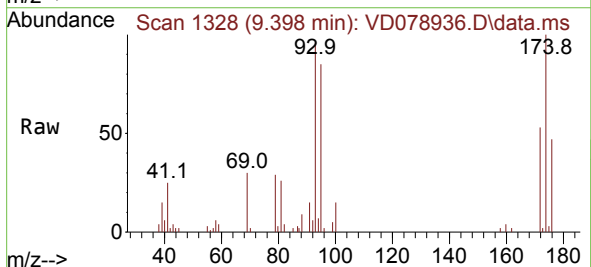
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

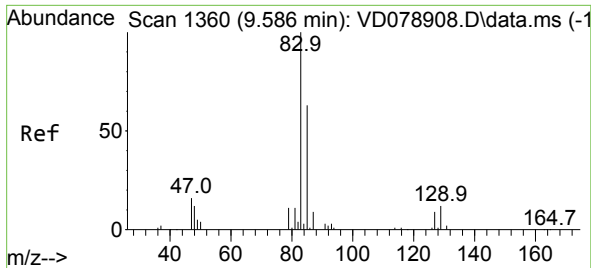
Tgt Ion: 63 Resp: 57963
Ion Ratio Lower Upper
63 100
65 31.8 23.8 35.8



#46
Dibromomethane
Concen: 51.493 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 93 Resp: 37240
Ion Ratio Lower Upper
93 100
95 84.6 65.6 98.4
174 101.1 82.3 123.5

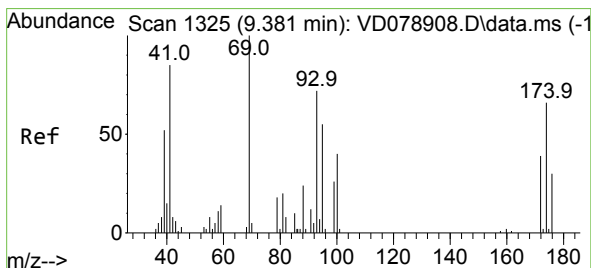
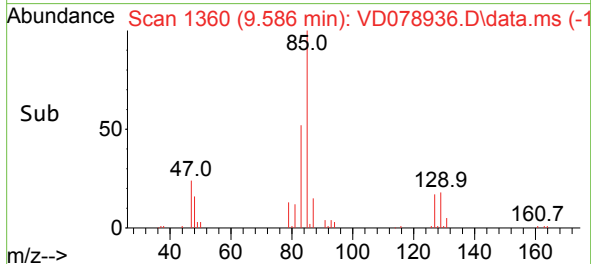
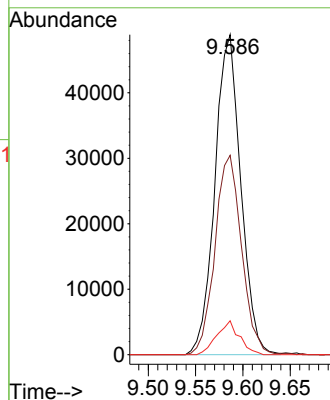
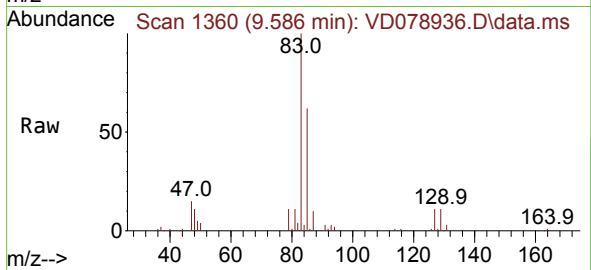




#47
Bromodichloromethane
Concen: 53.453 ug/l
RT: 9.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

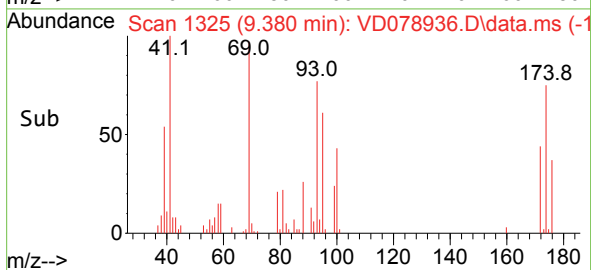
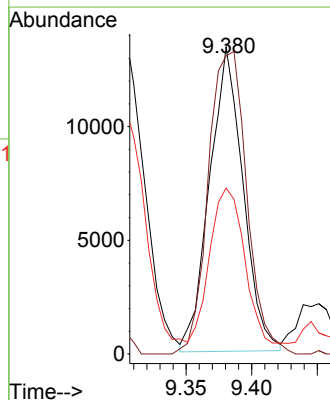
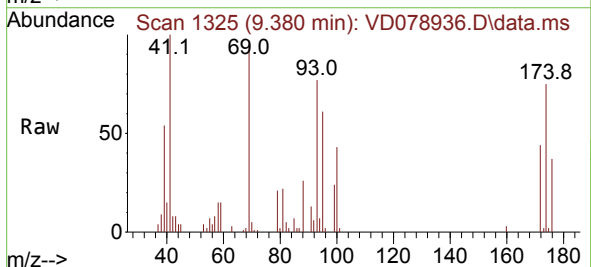
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

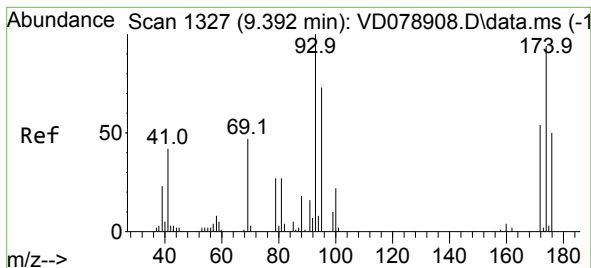
Tgt Ion: 83 Resp: 93054
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 10.6 6.8 10.2#



#48
Methyl methacrylate
Concen: 52.234 ug/l
RT: 9.380 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 41 Resp: 23766
Ion Ratio Lower Upper
41 100
69 114.0 96.7 145.1
39 60.8 43.8 65.6





#49

1,4-Dioxane

Concen: 1078.824 ug/l

RT: 9.380 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

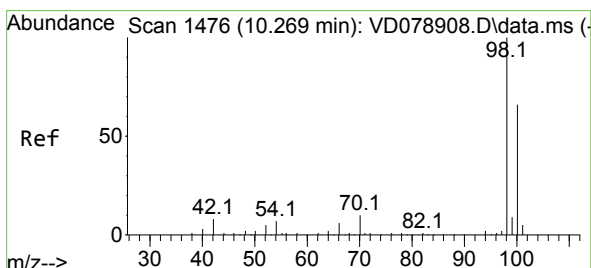
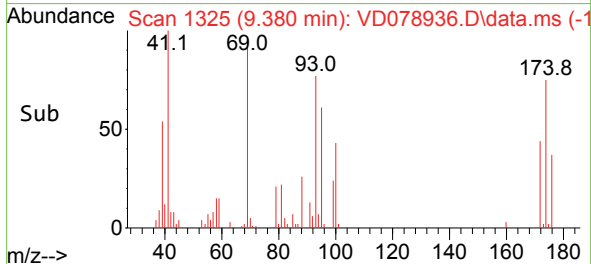
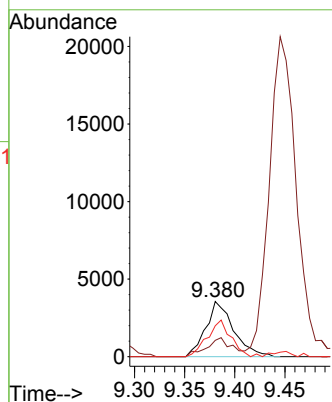
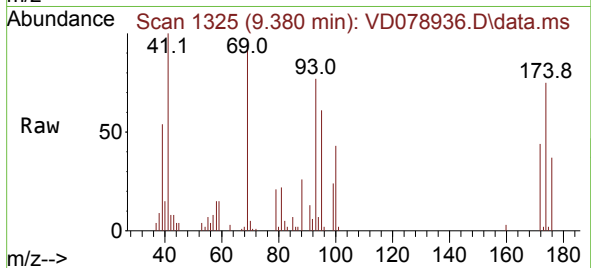
Tgt Ion: 88 Resp: 6863

Ion Ratio Lower Upper

88 100

43 31.8 21.5 32.3

58 55.6 42.2 63.4



#50

Toluene-d8

Concen: 60.862 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078936.D

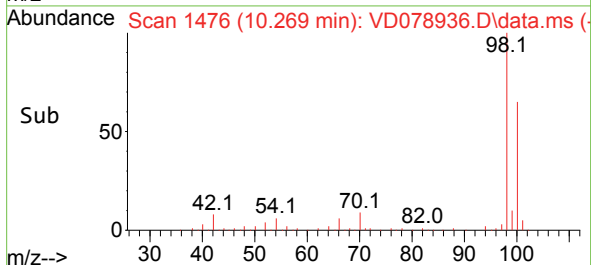
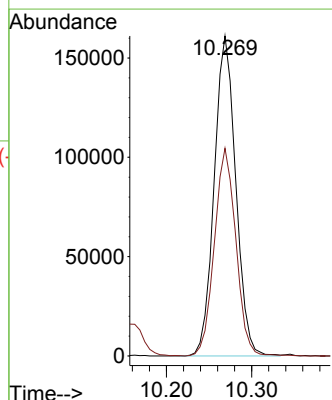
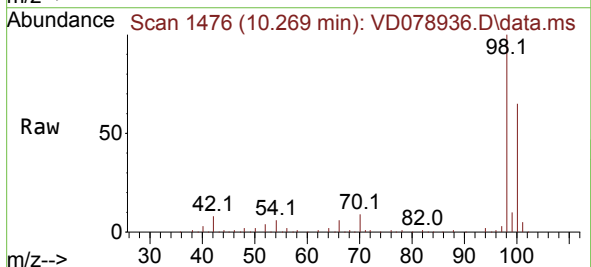
Acq: 15 May 2024 18:05

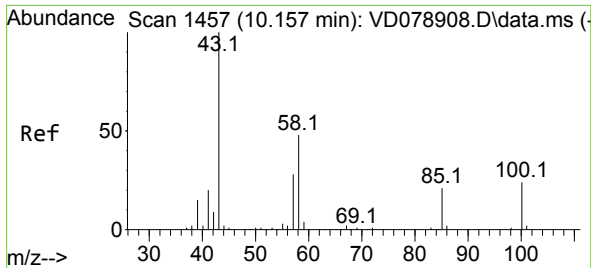
Tgt Ion: 98 Resp: 283395

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4

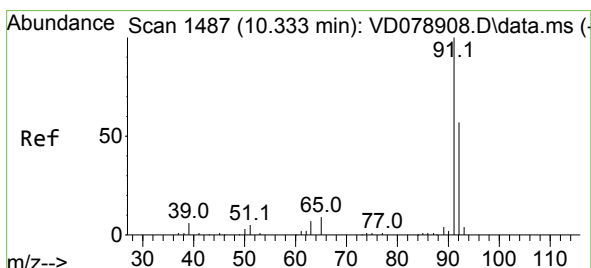
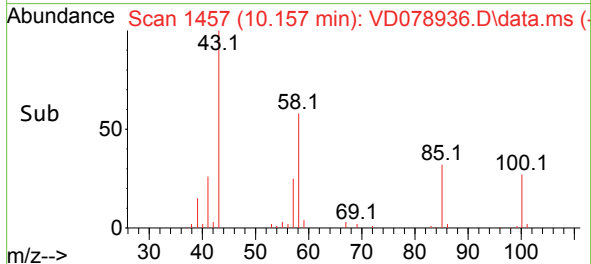
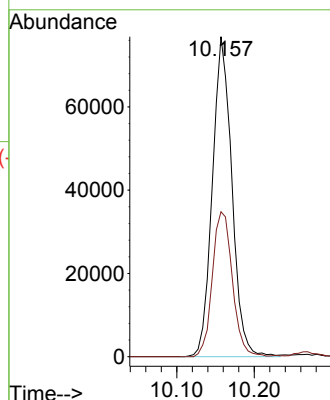
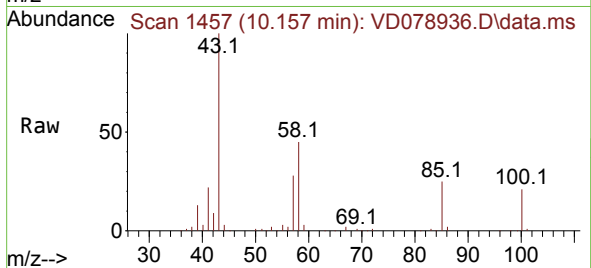




#51
4-Methyl-2-Pentanone
Concen: 269.696 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

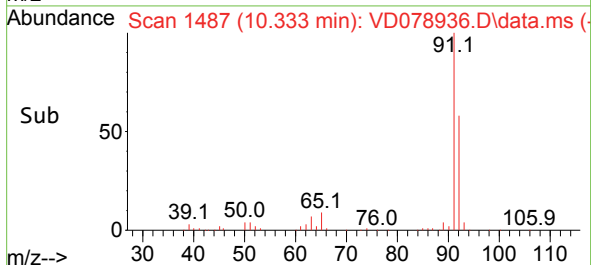
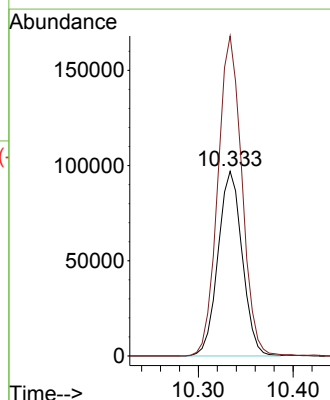
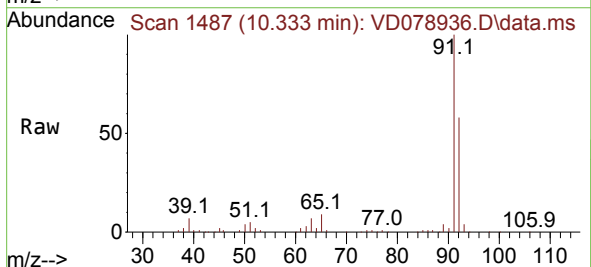
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

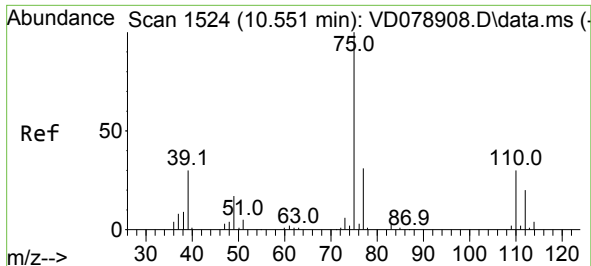
Tgt Ion: 43 Resp: 134262
Ion Ratio Lower Upper
43 100
58 46.6 36.6 55.0



#52
Toluene
Concen: 53.774 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 92 Resp: 172079
Ion Ratio Lower Upper
92 100
91 172.9 141.7 212.5

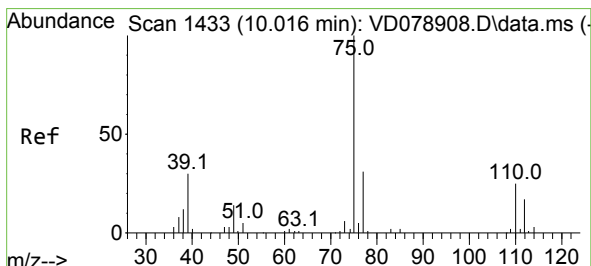
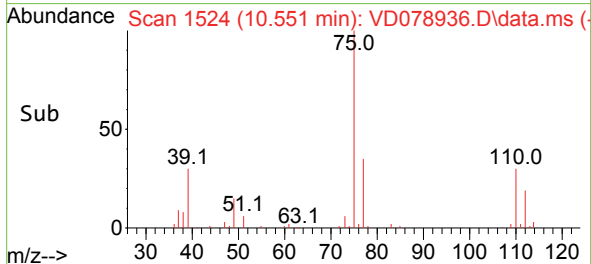
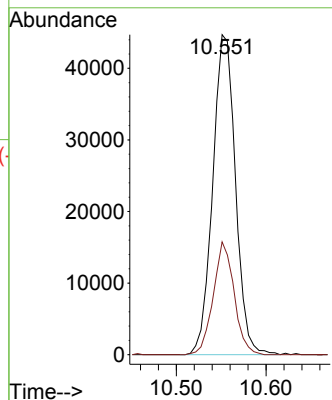
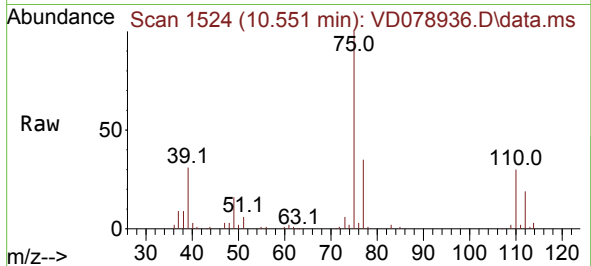




#53
t-1,3-Dichloropropene
Concen: 53.212 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

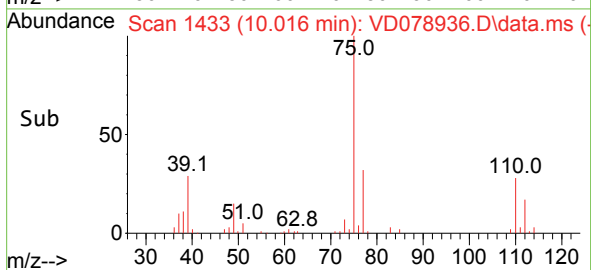
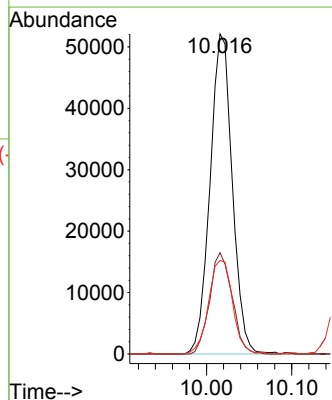
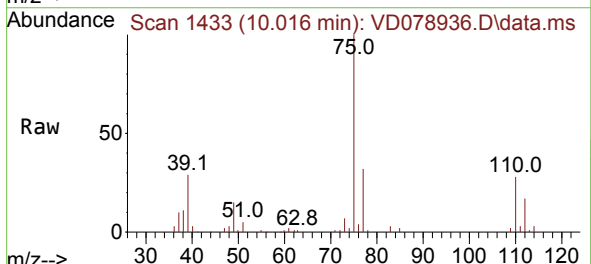
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

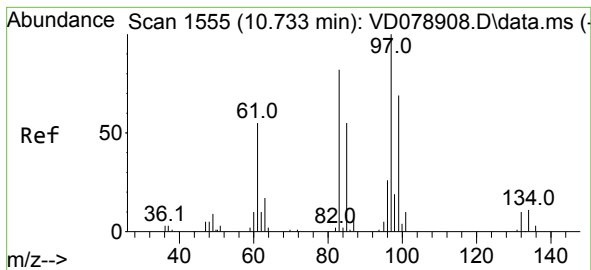
Tgt Ion: 75 Resp: 78716
Ion Ratio Lower Upper
75 100
77 35.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.163 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 75 Resp: 94394
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6
39 29.2 24.2 36.2

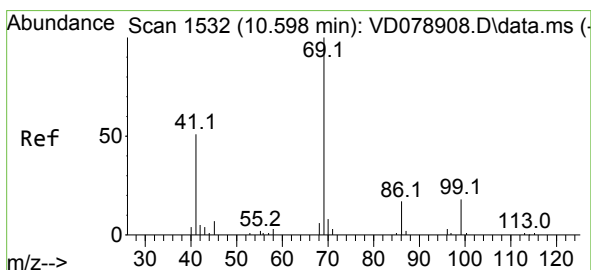
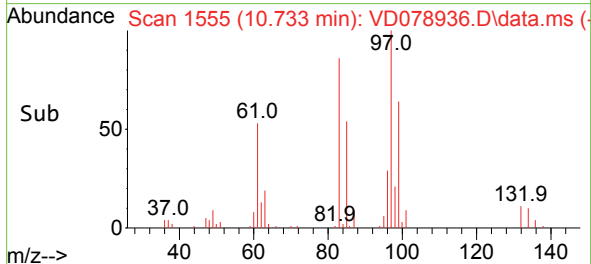
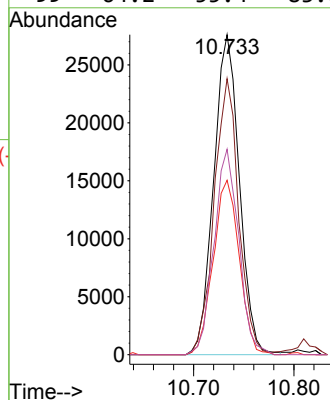
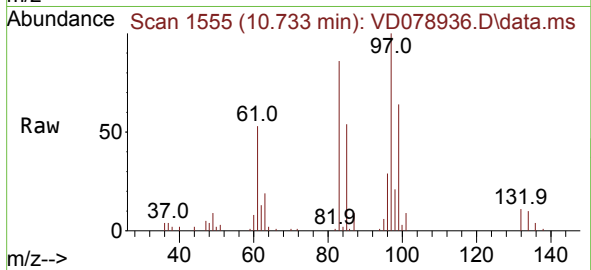




#55
1,1,2-Trichloroethane
Concen: 52.577 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

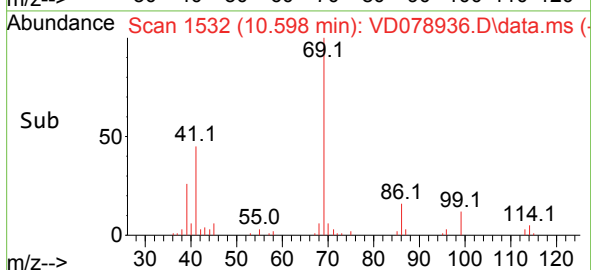
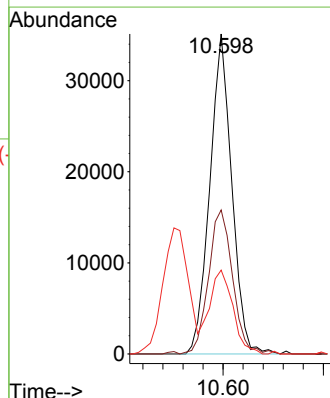
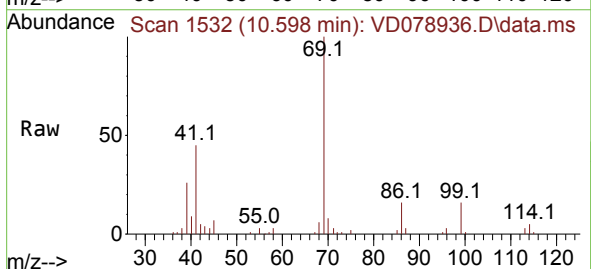
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

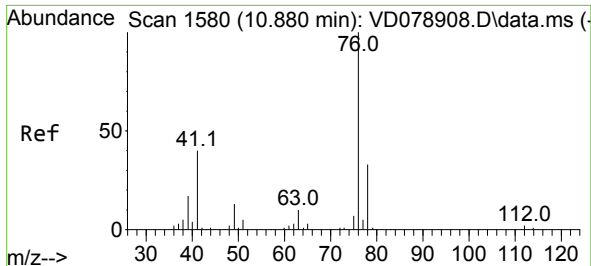
Tgt Ion:	97	Resp:	49125
Ion	Ratio	Lower	Upper
97	100		
83	86.2	65.8	98.8
85	54.5	43.8	65.8
99	64.2	55.4	83.0



#56
Ethyl methacrylate
Concen: 55.677 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:	69	Resp:	53522
Ion	Ratio	Lower	Upper
69	100		
41	49.3	39.8	59.6
39	28.3	20.2	30.4





#57

1,3-Dichloropropane

Concen: 54.350 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

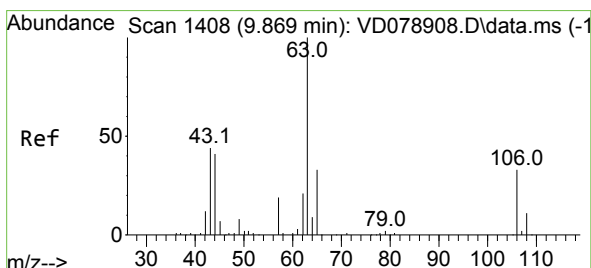
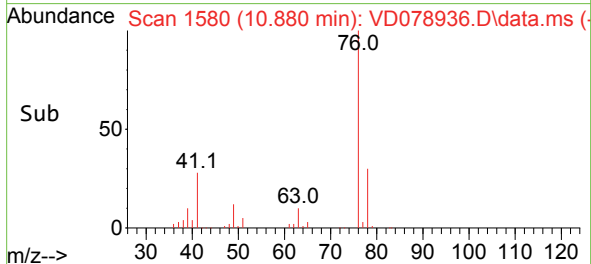
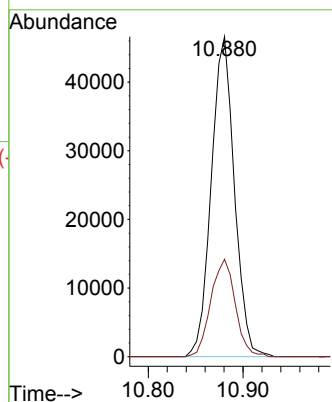
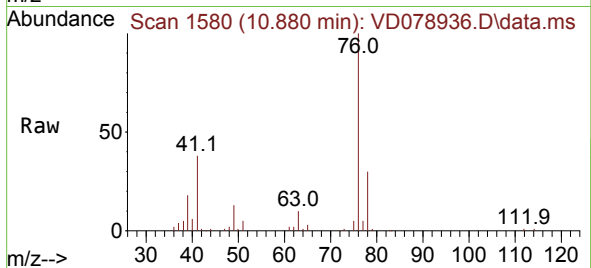
VSTDCCC050EC

Tgt Ion: 76 Resp: 79073

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 305.005 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078936.D

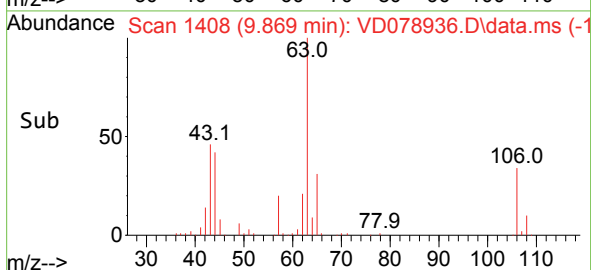
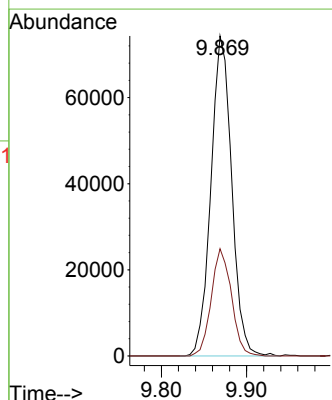
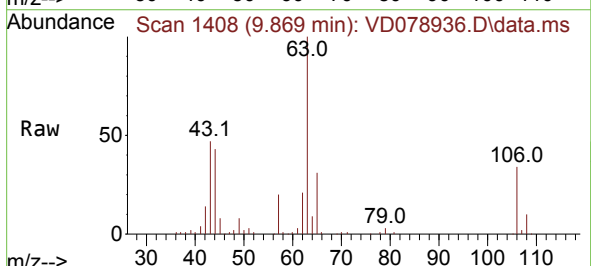
Acq: 15 May 2024 18:05

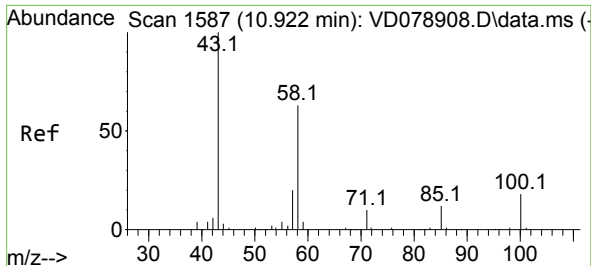
Tgt Ion: 63 Resp: 125979

Ion Ratio Lower Upper

63 100

106 32.4 26.4 39.6

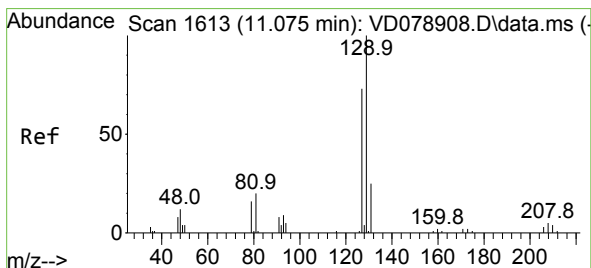
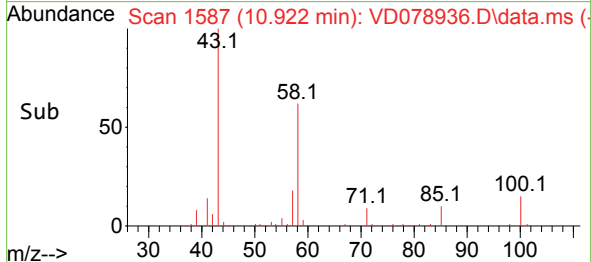
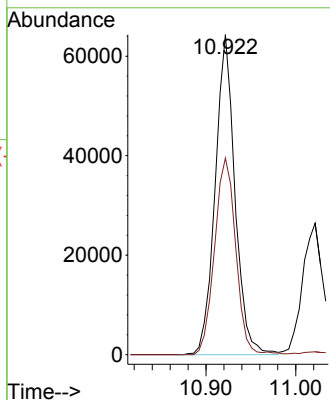
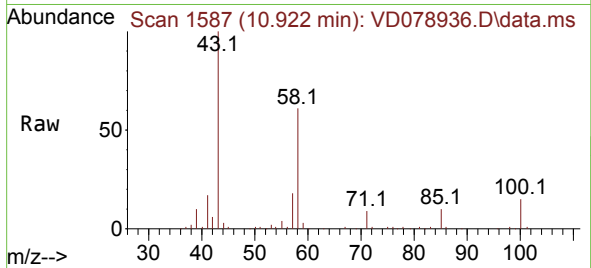




#59
2-Hexanone
Concen: 284.809 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

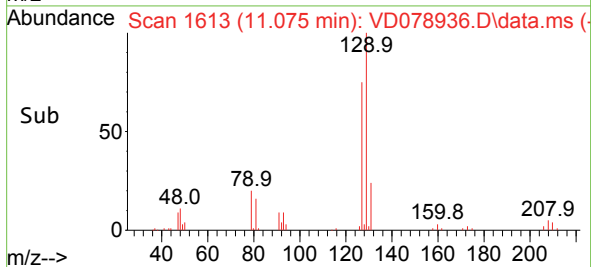
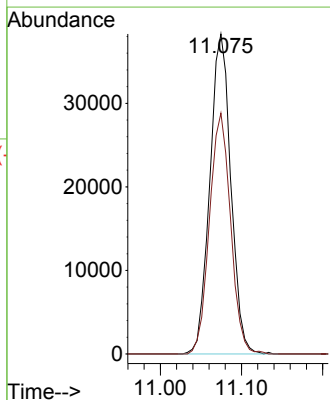
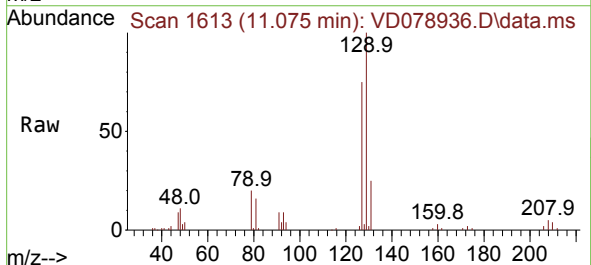
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

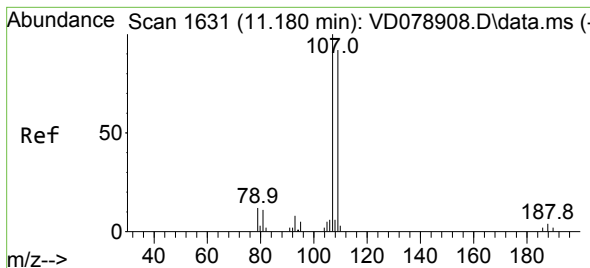
Tgt Ion: 43 Resp: 98689
Ion Ratio Lower Upper
43 100
58 65.7 31.1 93.5



#60
Dibromochloromethane
Concen: 54.004 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 129 Resp: 68785
Ion Ratio Lower Upper
129 100
127 75.6 38.0 113.9





#61

1,2-Dibromoethane

Concen: 54.784 ug/l

RT: 11.180 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

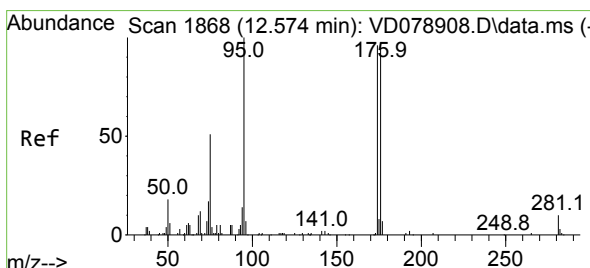
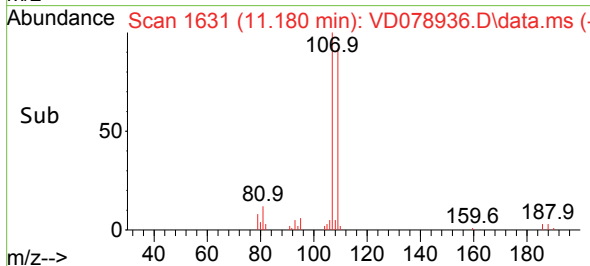
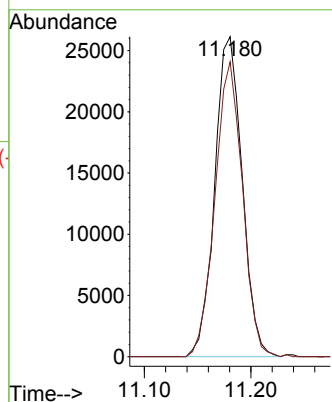
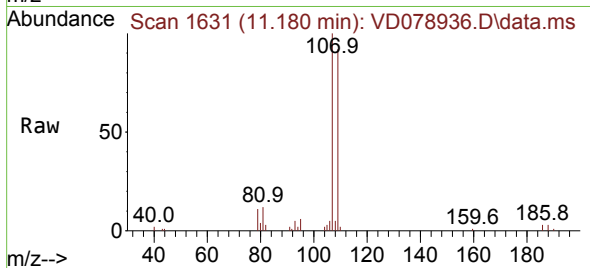
VSTDCCC050EC

Tgt Ion:107 Resp: 46671

Ion Ratio Lower Upper

107 100

109 92.4 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 63.400 ug/l

RT: 12.574 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

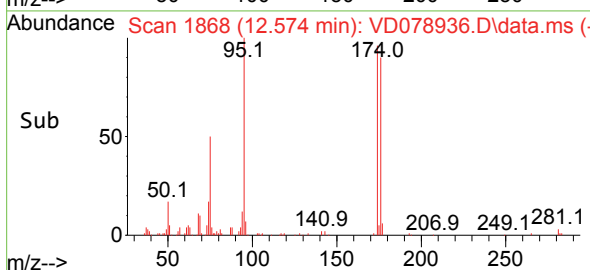
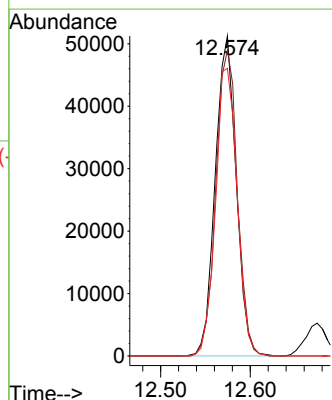
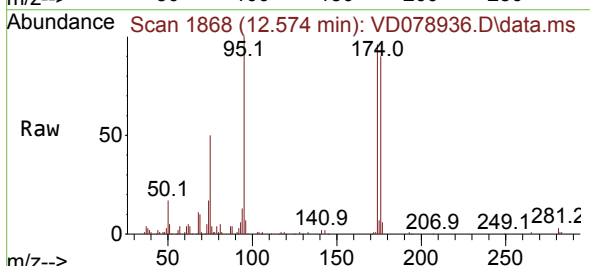
Tgt Ion: 95 Resp: 82933

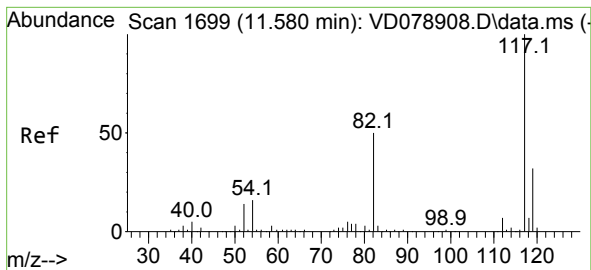
Ion Ratio Lower Upper

95 100

174 98.2 0.0 195.4

176 92.8 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

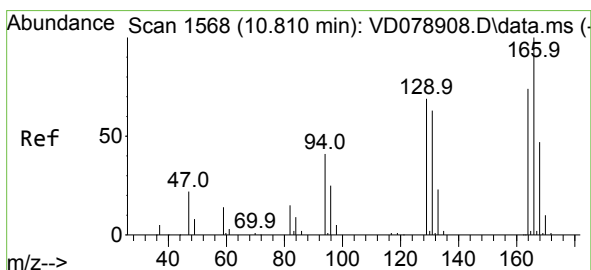
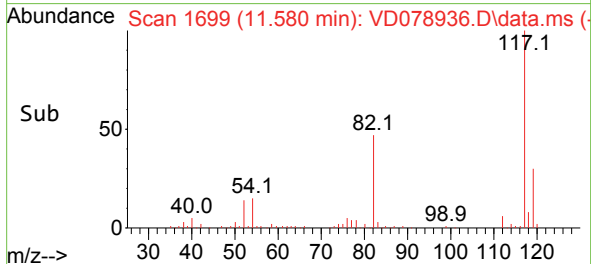
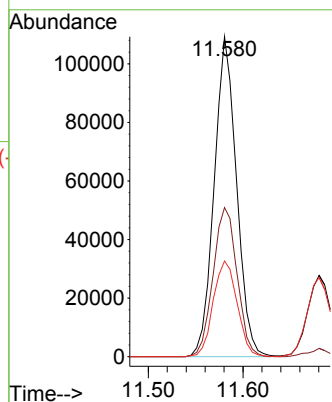
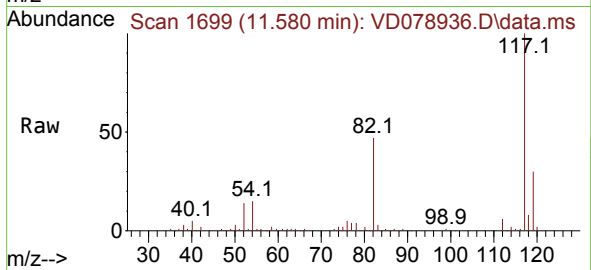
Tgt Ion:117 Resp: 179452

Ion Ratio Lower Upper

117 100

82 46.6 39.8 59.6

119 29.9 25.7 38.5



#64

Tetrachloroethene

Concen: 50.880 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Tgt Ion:164 Resp: 57928

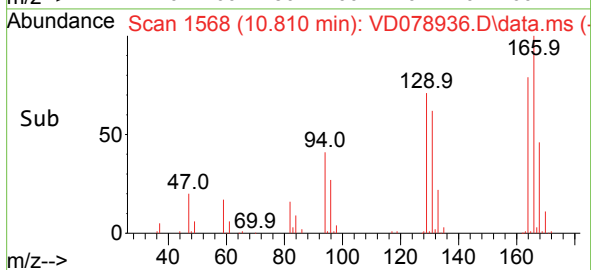
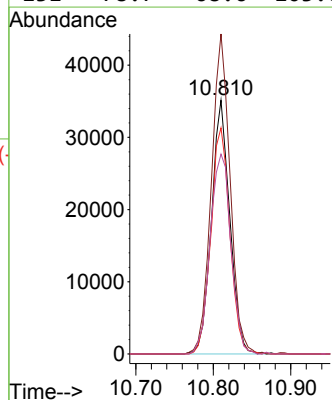
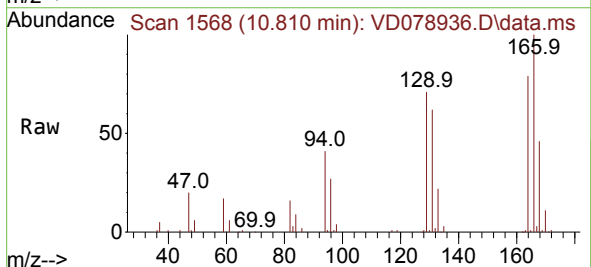
Ion Ratio Lower Upper

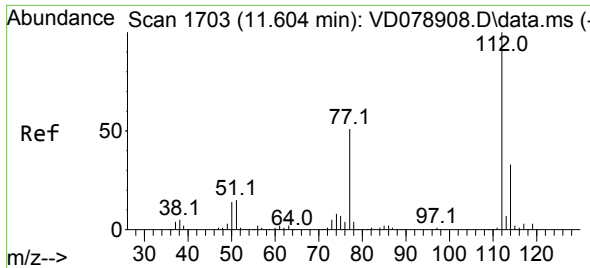
164 100

166 126.1 108.6 163.0

129 89.1 74.6 112.0

131 78.7 68.6 103.0

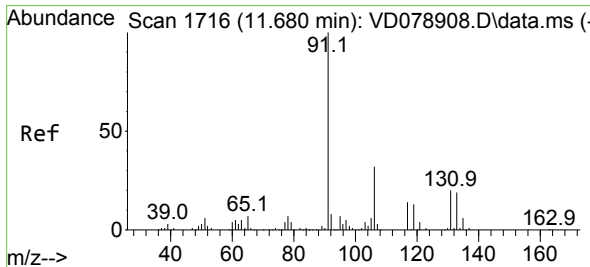
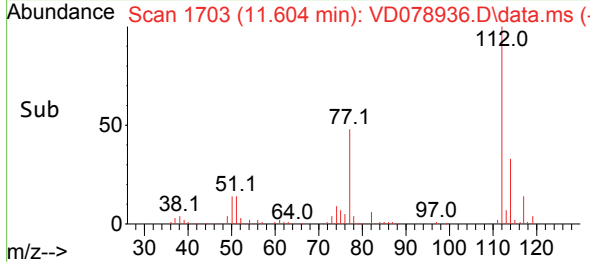
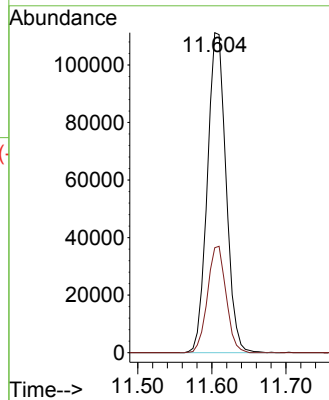
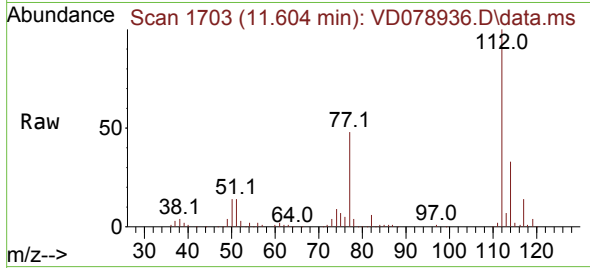




#65
Chlorobenzene
Concen: 52.101 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

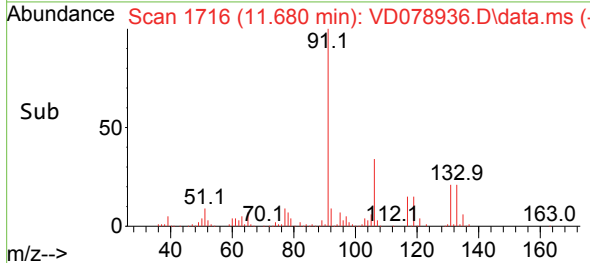
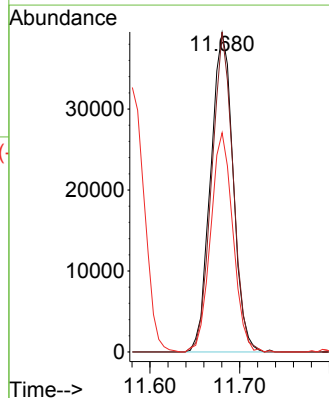
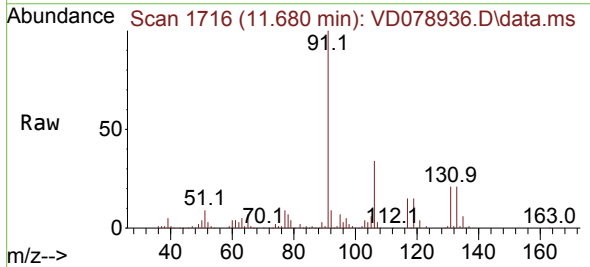
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

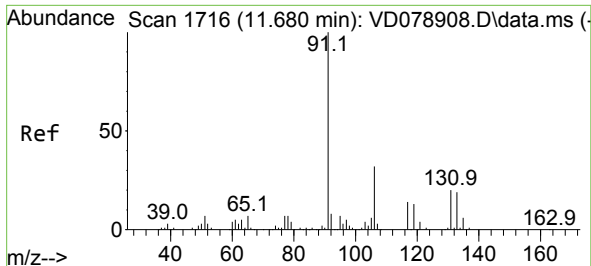
Tgt Ion:112 Resp: 194477
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.256 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:131 Resp: 68723
Ion Ratio Lower Upper
131 100
133 94.8 49.2 147.6
119 67.9 33.4 100.2

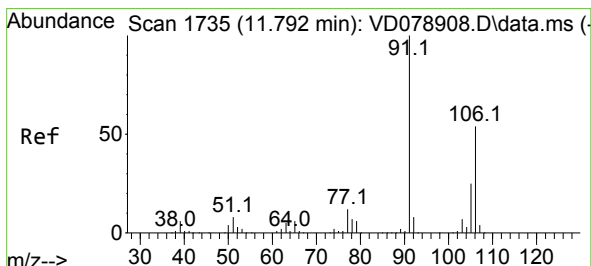
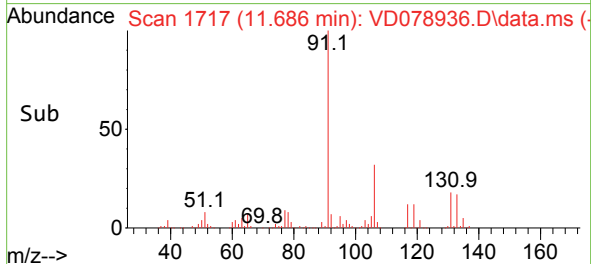
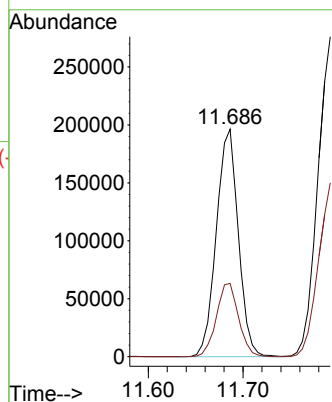
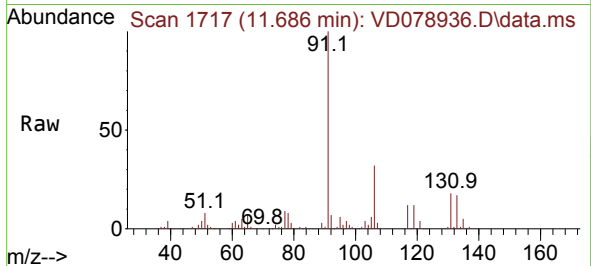




#67
Ethyl Benzene
Concen: 52.689 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

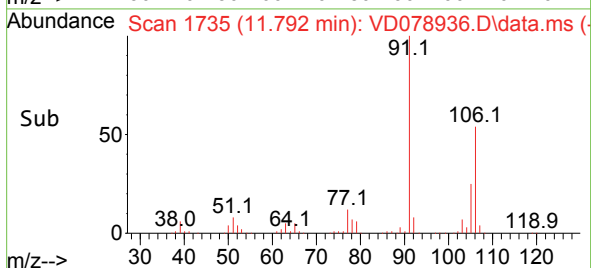
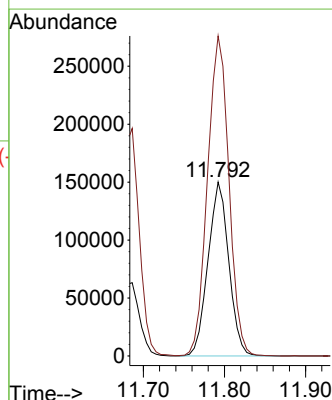
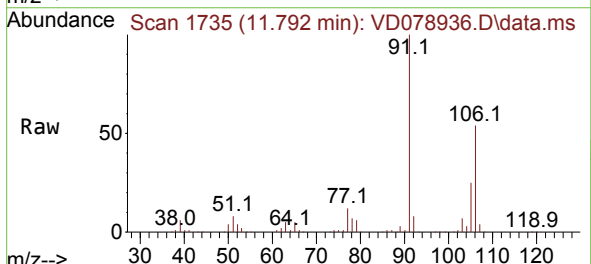
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

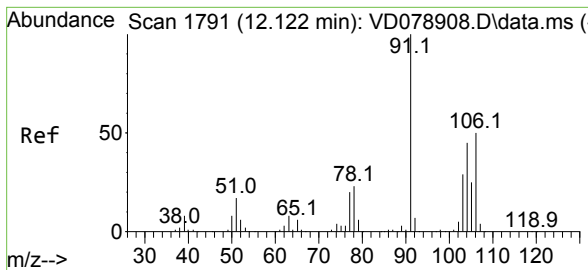
Tgt Ion: 91 Resp: 316342
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 109.114 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:106 Resp: 266342
Ion Ratio Lower Upper
106 100
91 189.8 148.5 222.7

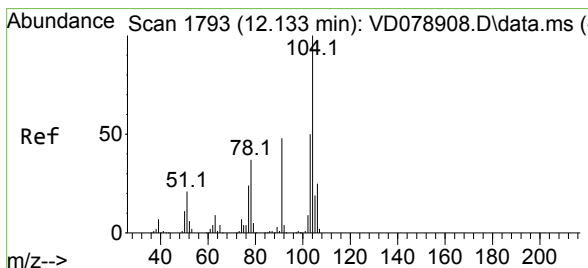
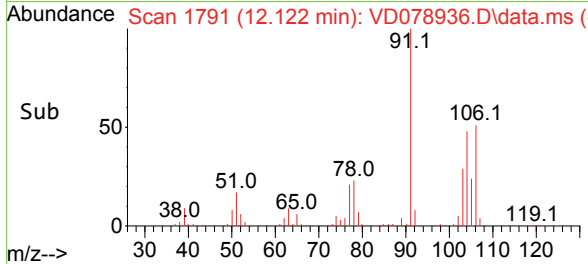
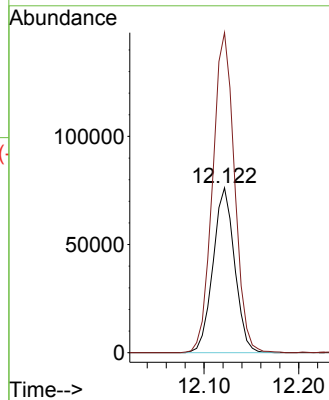
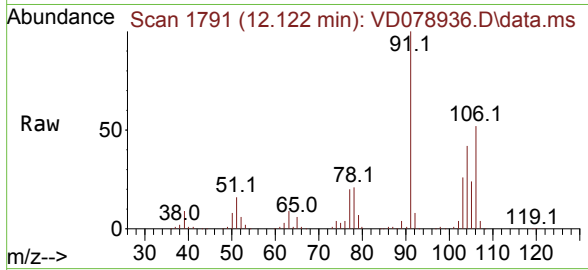




#69
o-Xylene
Concen: 54.424 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

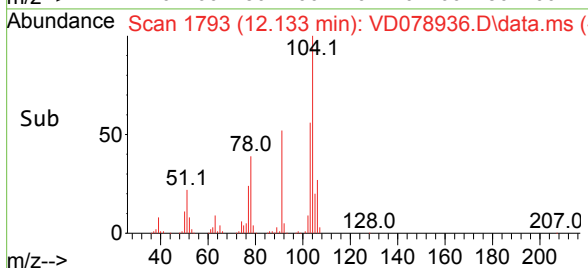
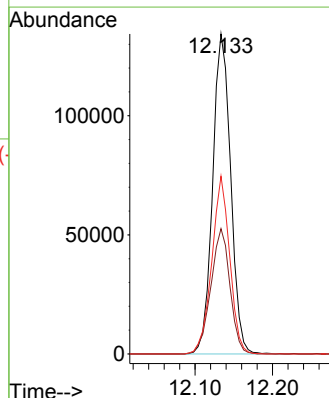
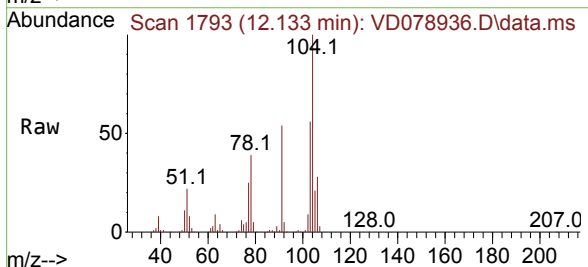
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

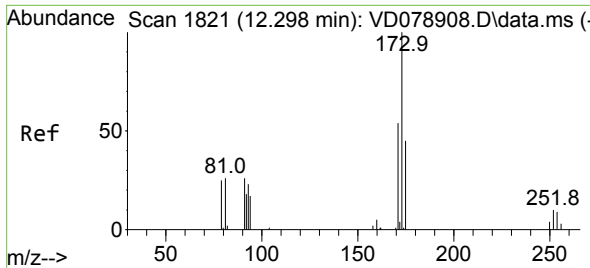
Tgt Ion:106 Resp: 121111
Ion Ratio Lower Upper
106 100
91 196.8 96.7 290.1



#70
Styrene
Concen: 54.991 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:104 Resp: 216883
Ion Ratio Lower Upper
104 100
78 41.7 33.0 49.6
103 55.3 44.2 66.4

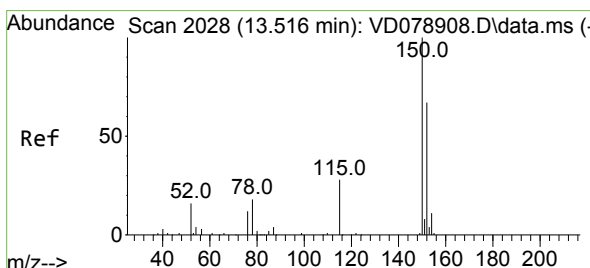
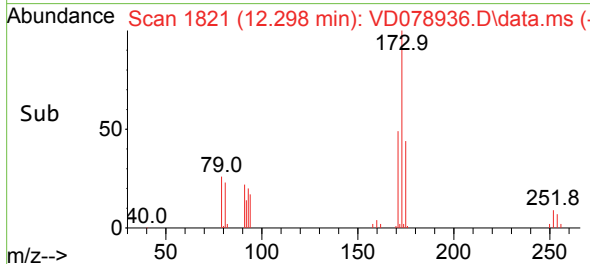
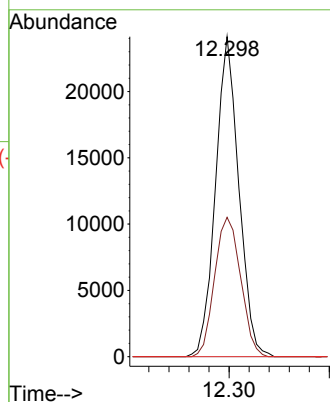
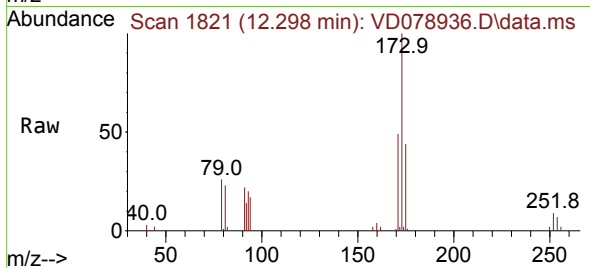




#71
Bromoform
Concen: 52.540 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

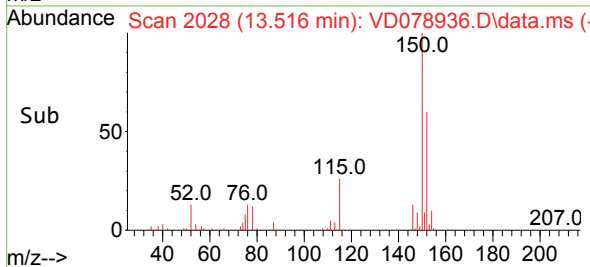
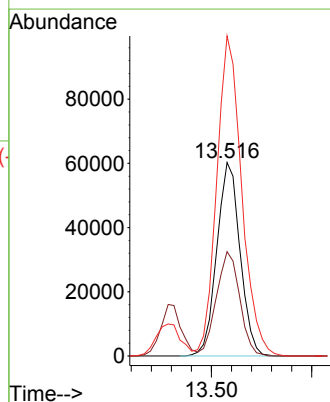
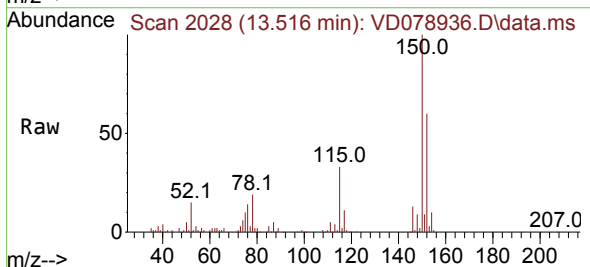
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

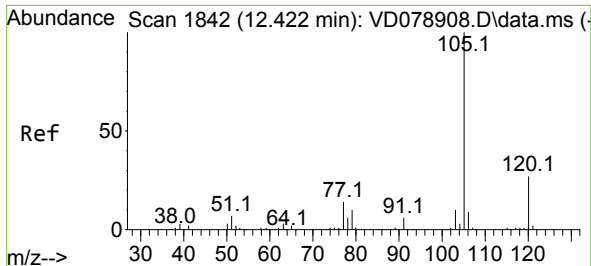
Tgt Ion:173 Resp: 38838
Ion Ratio Lower Upper
173 100
175 48.6 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:152 Resp: 96782
Ion Ratio Lower Upper
152 100
115 54.1 26.5 79.5
150 178.1 0.0 341.6

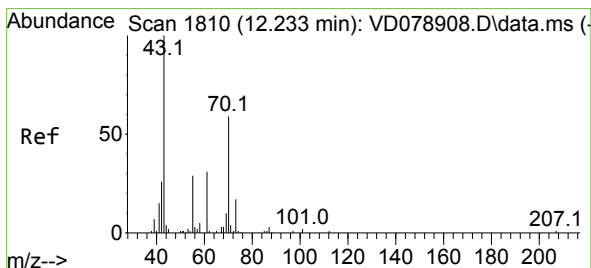
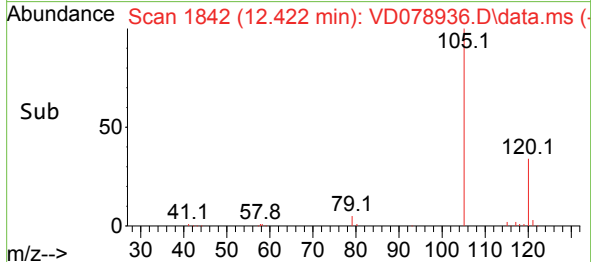
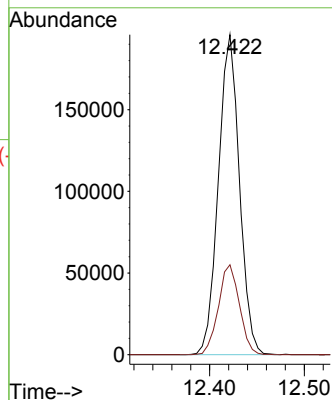
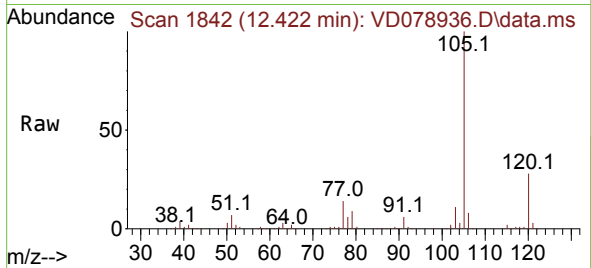




#73
Isopropylbenzene
Concen: 52.485 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

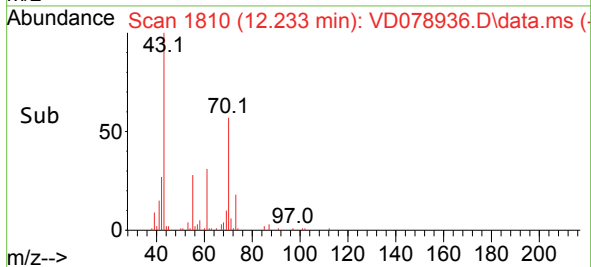
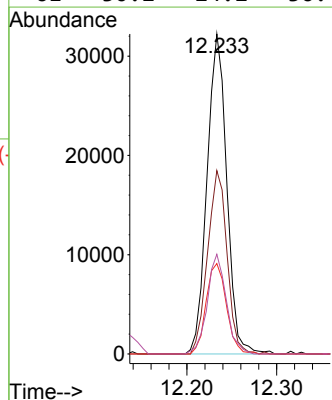
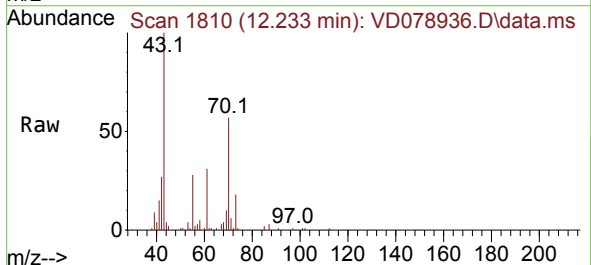
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

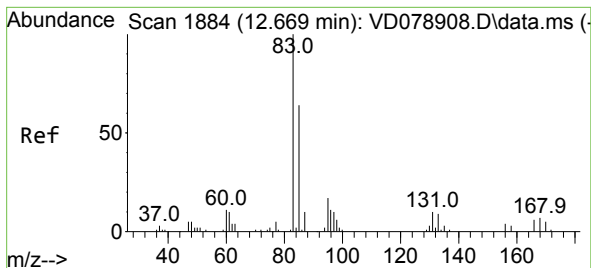
Tgt Ion:105 Resp: 303179
Ion Ratio Lower Upper
105 100
120 28.0 13.6 40.7



#74
N-ethyl acetate
Concen: 52.489 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 43 Resp: 49197
Ion Ratio Lower Upper
43 100
70 56.6 44.3 66.5
55 29.0 23.2 34.8
61 30.2 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.747 ug/l

RT: 12.674 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

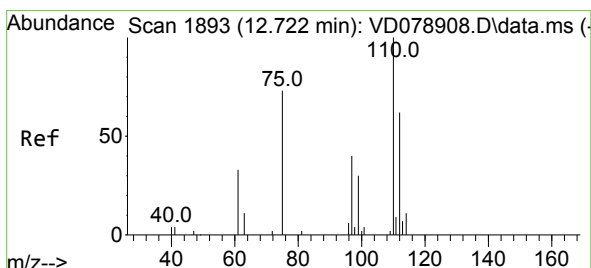
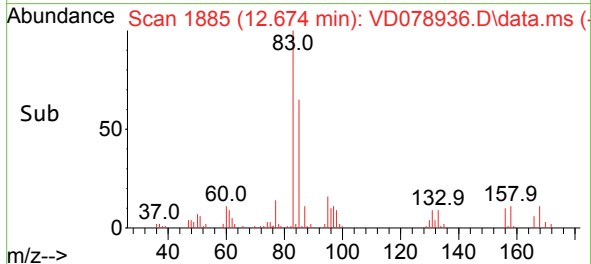
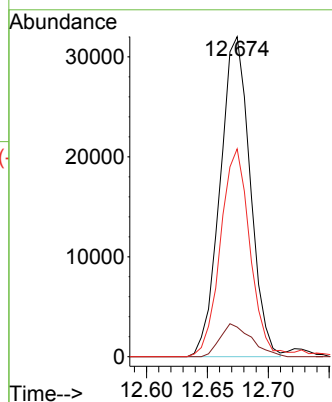
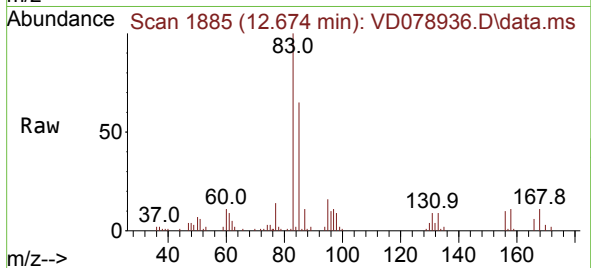
Tgt Ion: 83 Resp: 54960

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.5

85 64.0 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 96.423 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078936.D

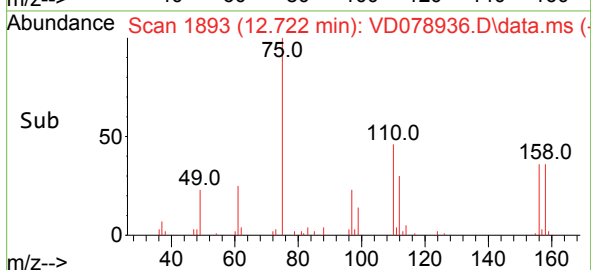
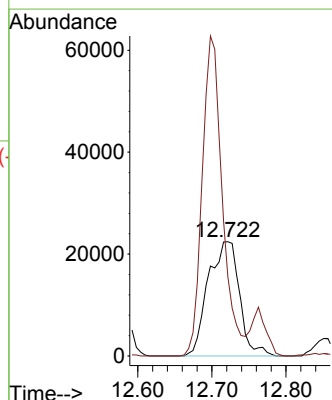
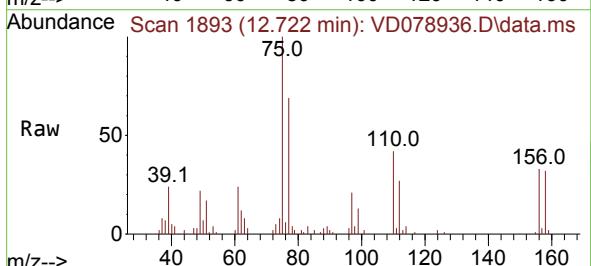
Acq: 15 May 2024 18:05

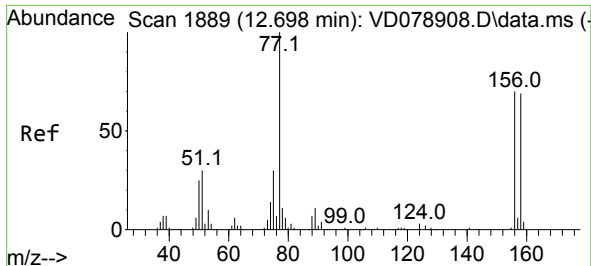
Tgt Ion: 75 Resp: 65698

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

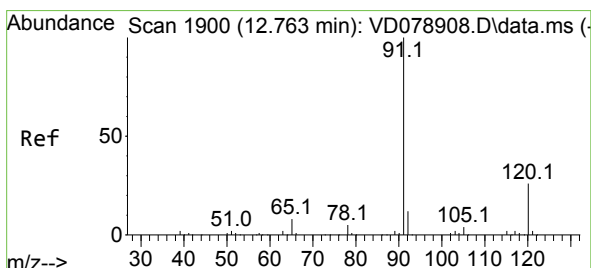
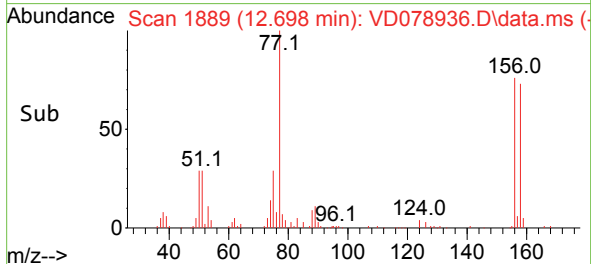
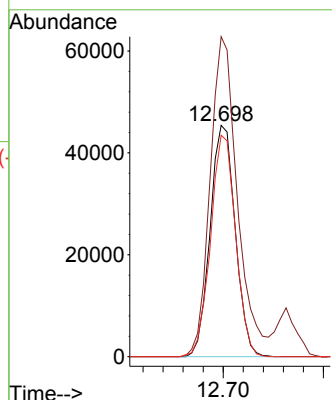
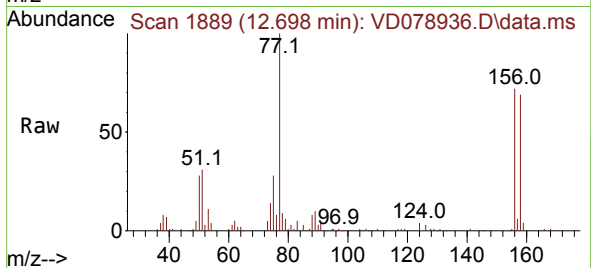




#77
Bromobenzene
Concen: 51.969 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

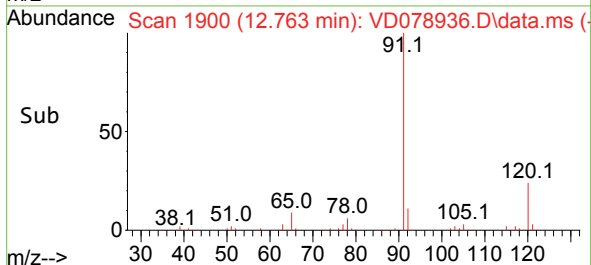
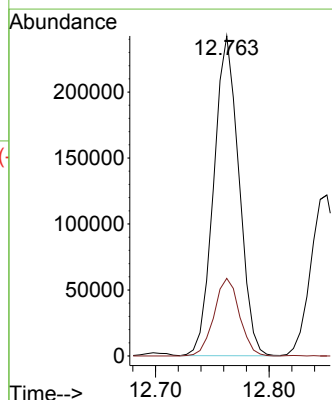
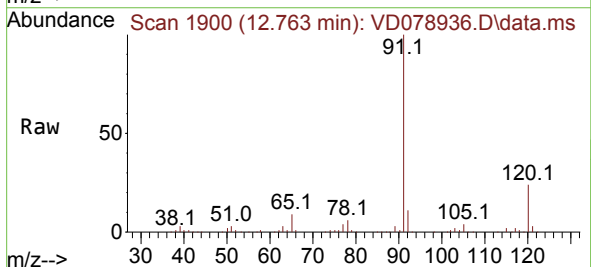
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

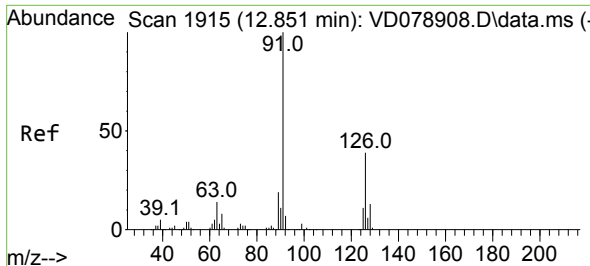
Tgt Ion:156 Resp: 78942
Ion Ratio Lower Upper
156 100
77 150.5 77.3 231.9
158 95.4 49.6 149.0



#78
n-propylbenzene
Concen: 53.437 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 91 Resp: 373094
Ion Ratio Lower Upper
91 100
120 24.4 12.3 36.8

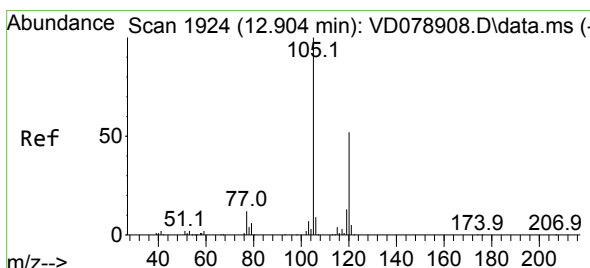
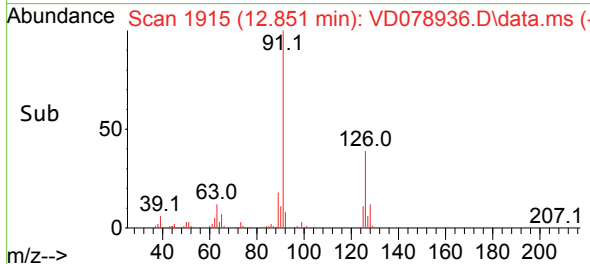
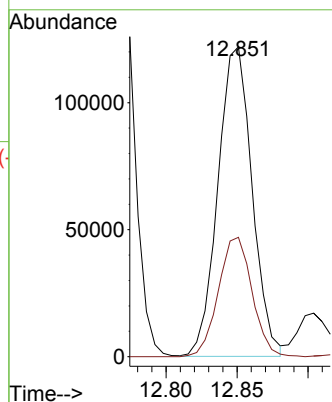
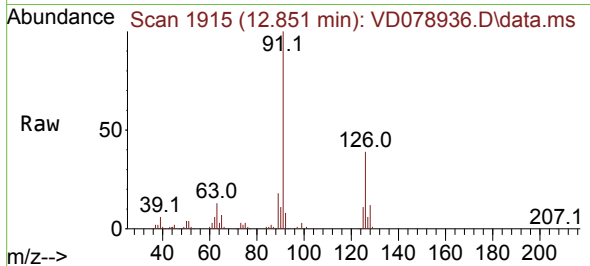




#79
2-Chlorotoluene
Concen: 52.603 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

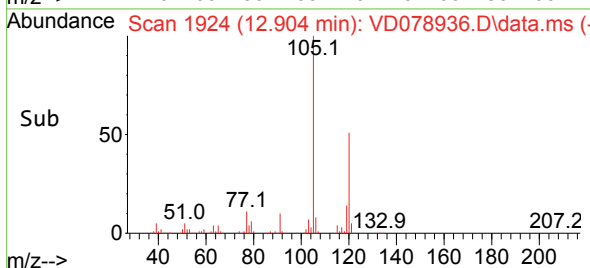
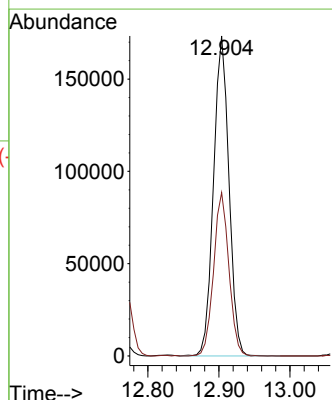
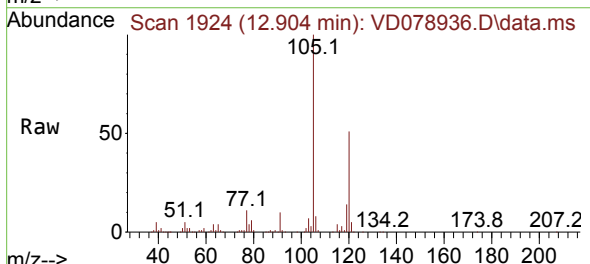
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

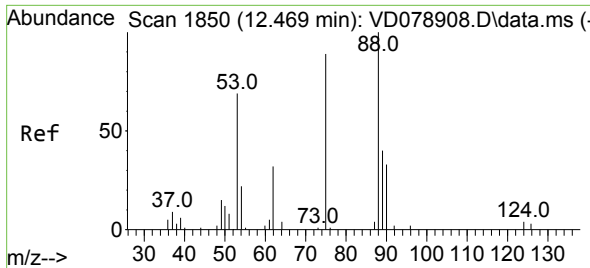
Tgt Ion: 91 Resp: 204131
Ion Ratio Lower Upper
91 100
126 38.0 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 54.357 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion: 105 Resp: 260870
Ion Ratio Lower Upper
105 100
120 50.6 25.7 77.1

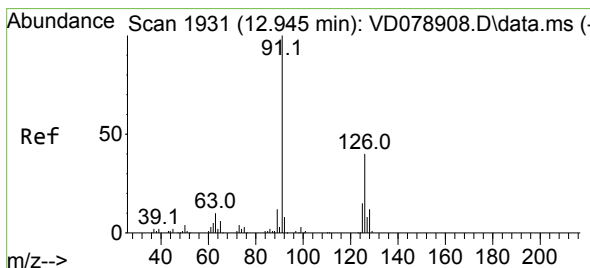
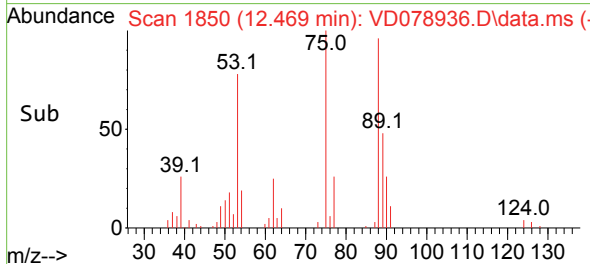
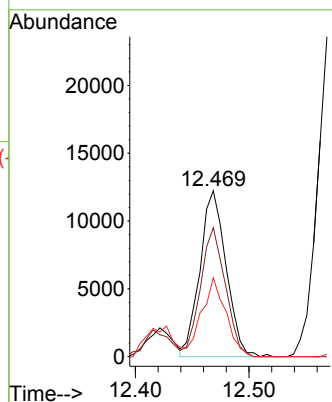
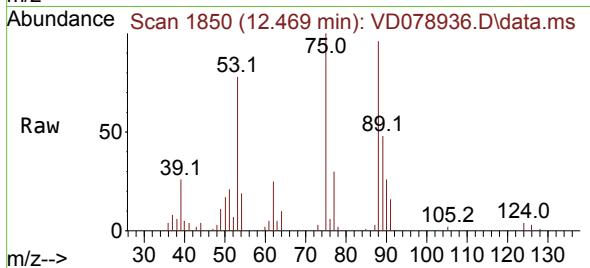




#81
trans-1,4-Dichloro-2-butene
Concen: 57.007 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

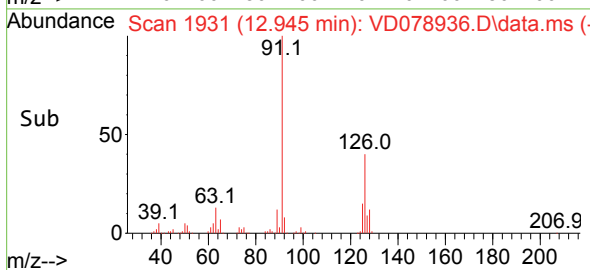
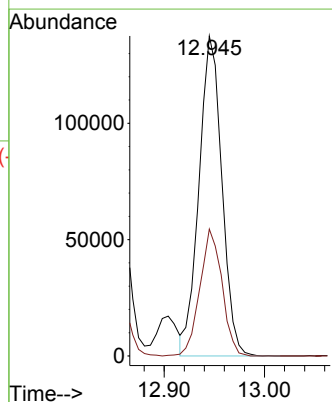
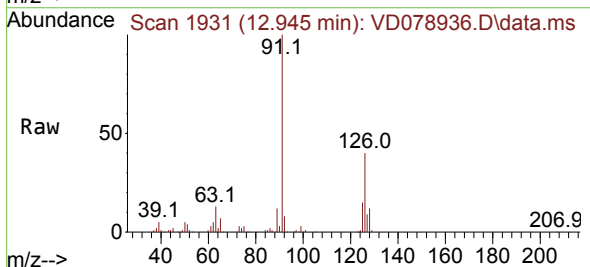
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

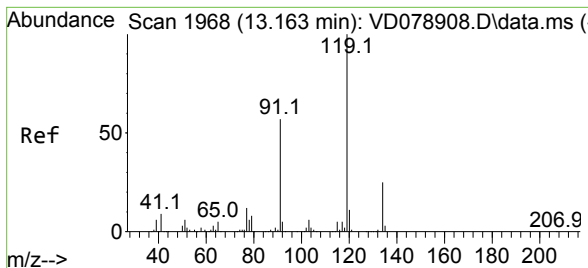
Tgt Ion:	75	Resp:	19587
Ion	Ratio	Lower	Upper
75	100		
53	73.9	61.4	92.2
89	43.5	35.4	53.0



#82
4-Chlorotoluene
Concen: 53.637 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:	91	Resp:	218361
Ion	Ratio	Lower	Upper
91	100		
126	38.3	18.9	56.9





#83

tert-Butylbenzene

Concen: 54.525 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

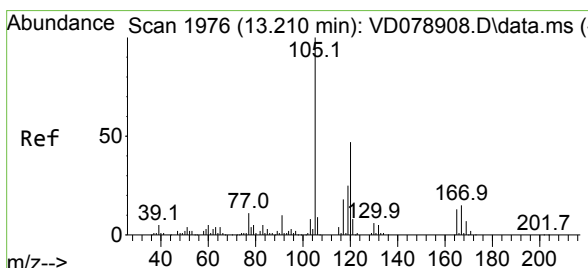
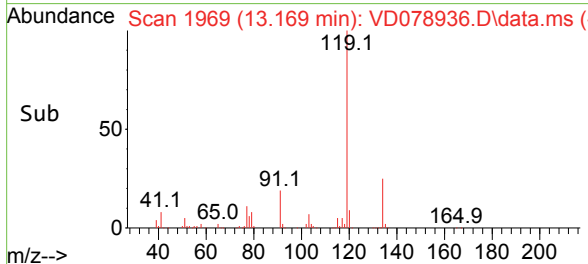
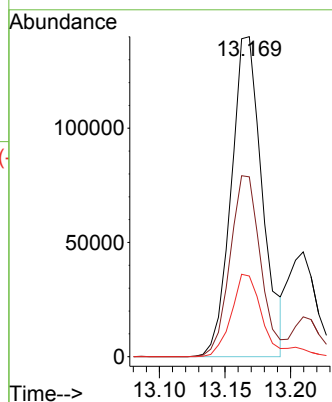
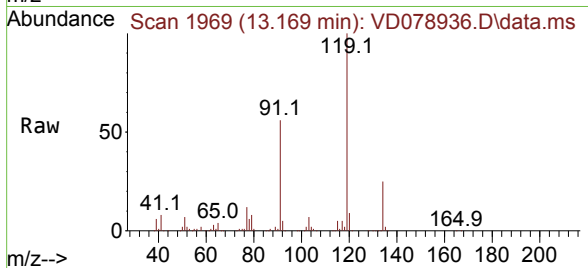
Tgt Ion:119 Resp: 231424

Ion Ratio Lower Upper

119 100

91 55.4 28.2 84.7

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.788 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078936.D

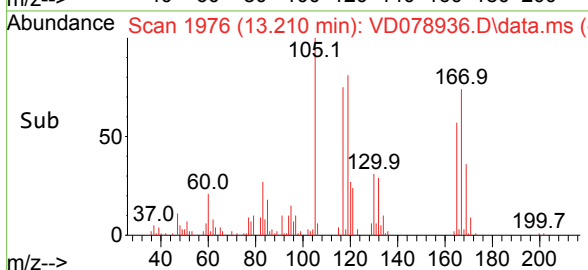
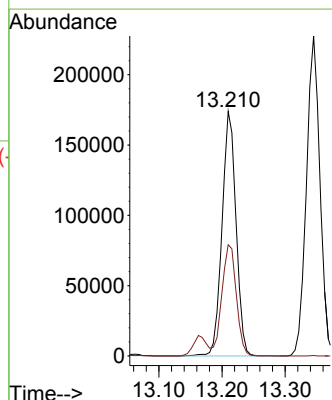
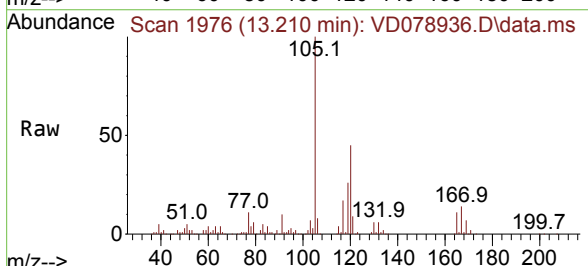
Acq: 15 May 2024 18:05

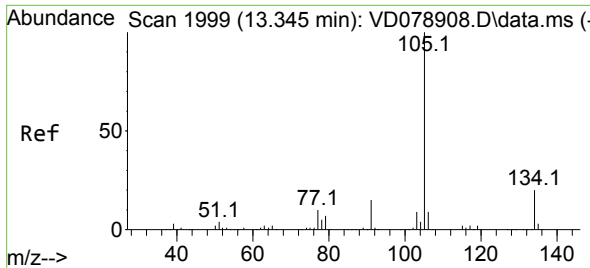
Tgt Ion:105 Resp: 267385

Ion Ratio Lower Upper

105 100

120 47.0 23.6 71.0

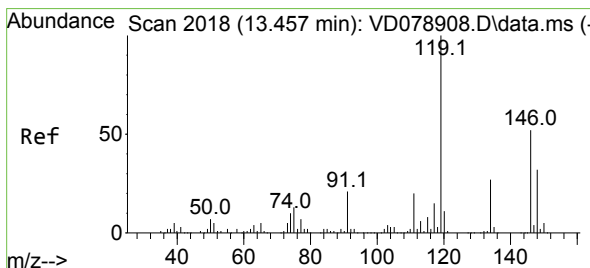
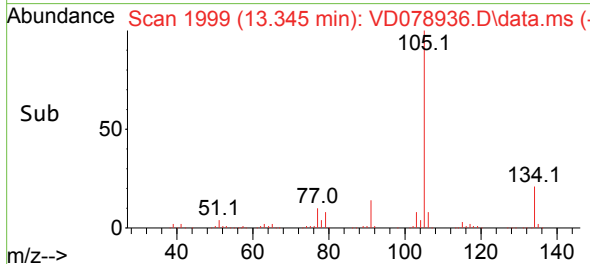
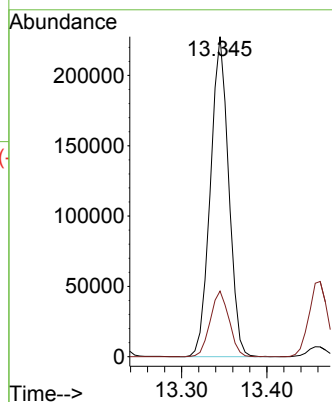
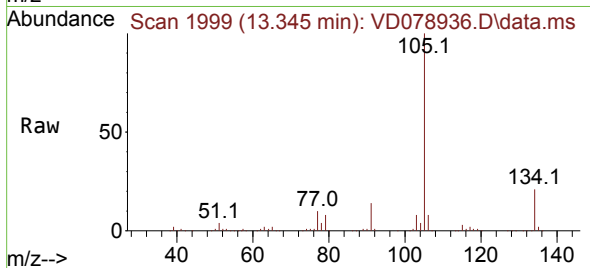




#85
 sec-Butylbenzene
 Concen: 53.428 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078936.D
 Acq: 15 May 2024 18:05

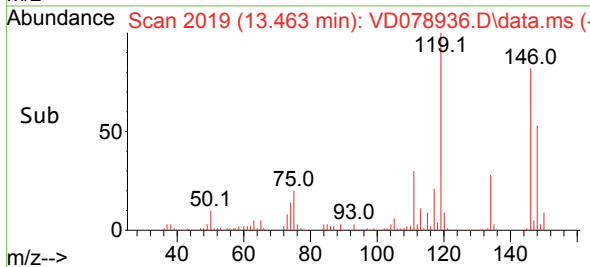
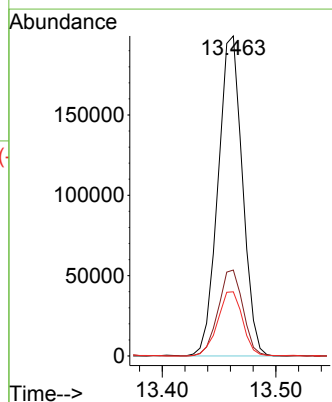
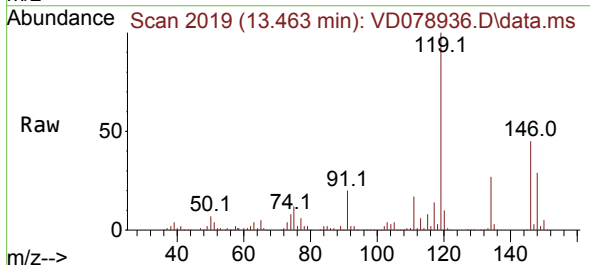
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

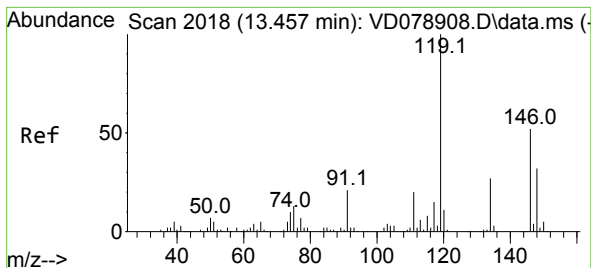
Tgt Ion:105 Resp: 338270
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 53.908 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078936.D
 Acq: 15 May 2024 18:05

Tgt Ion:119 Resp: 297364
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.1
 91 20.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.935 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

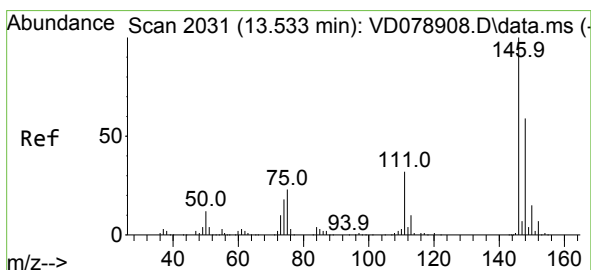
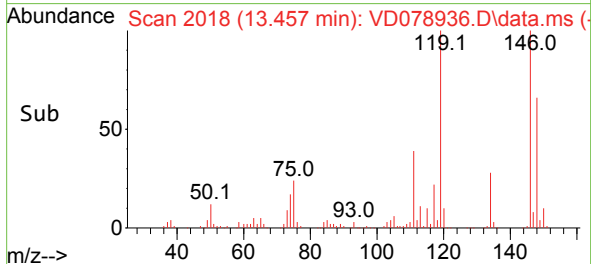
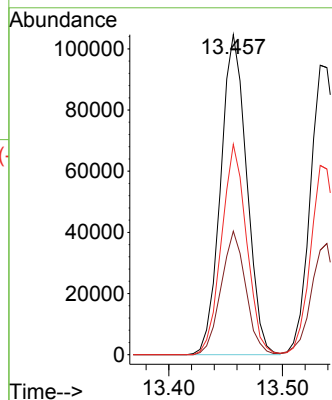
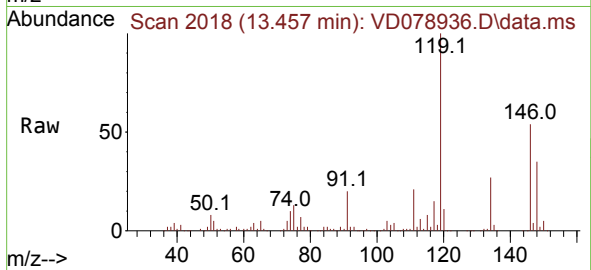
Tgt Ion:146 Resp: 166942

Ion Ratio Lower Upper

146 100

111 36.4 18.5 55.5

148 63.3 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 51.411 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

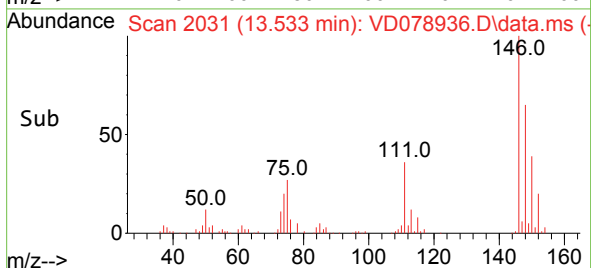
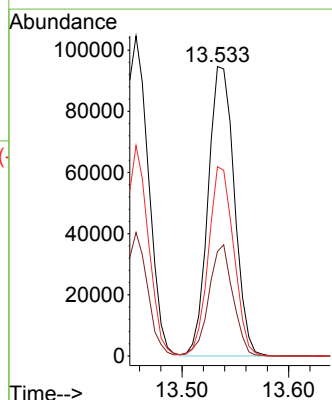
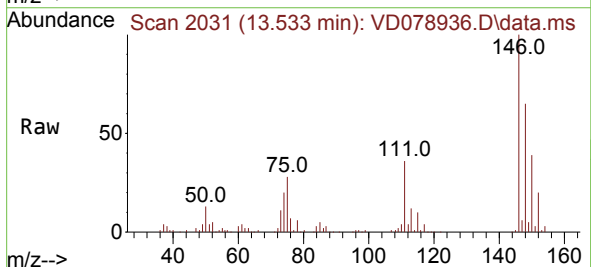
Tgt Ion:146 Resp: 161841

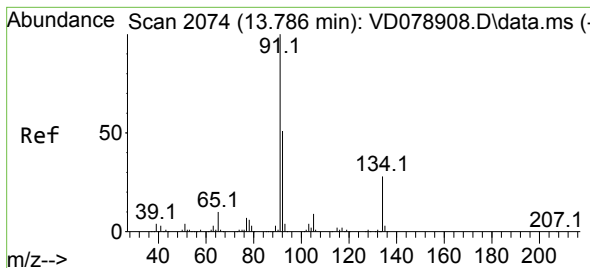
Ion Ratio Lower Upper

146 100

111 35.6 17.5 52.6

148 63.1 31.4 94.2





#89

n-Butylbenzene

Concen: 53.832 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

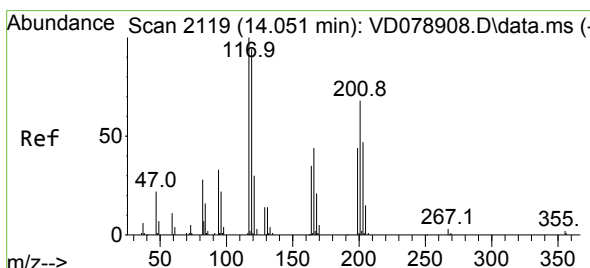
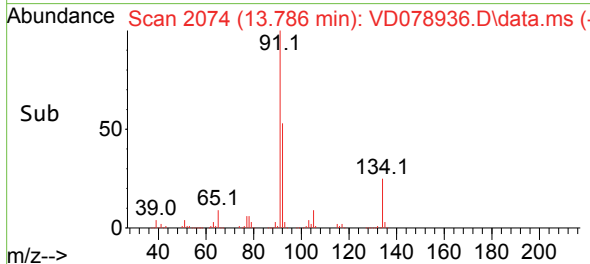
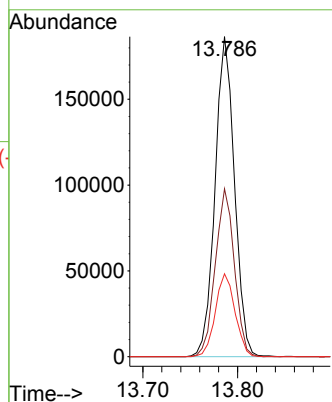
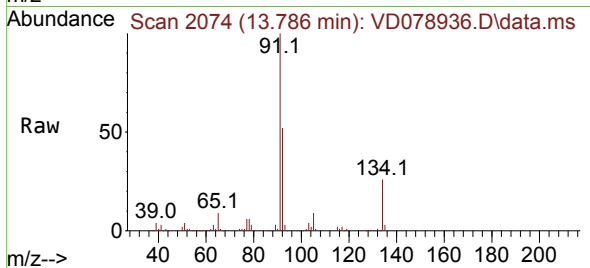
Tgt Ion: 91 Resp: 266085

Ion Ratio Lower Upper

91 100

92 51.7 25.7 77.0

134 26.3 13.6 40.8



#90

Hexachloroethane

Concen: 52.313 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078936.D

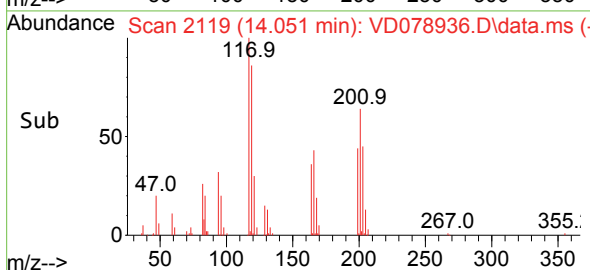
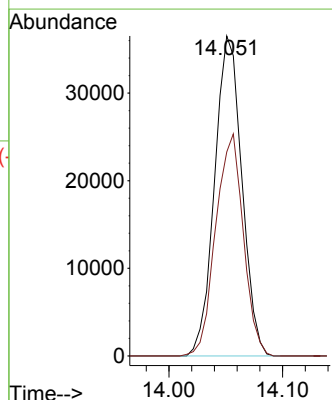
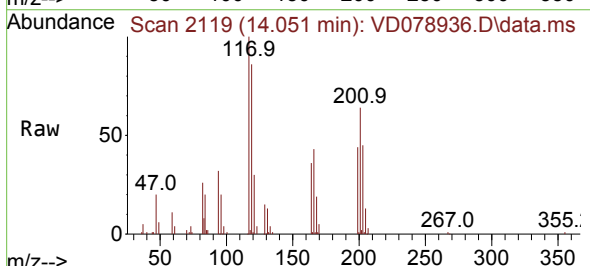
Acq: 15 May 2024 18:05

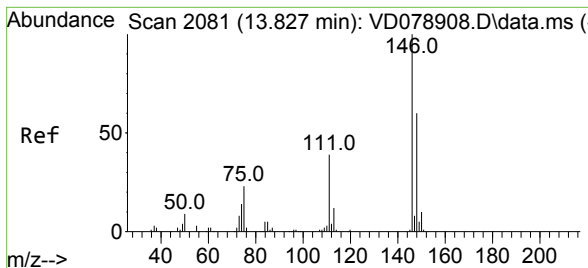
Tgt Ion: 117 Resp: 60868

Ion Ratio Lower Upper

117 100

201 70.2 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 51.303 ug/l

RT: 13.833 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

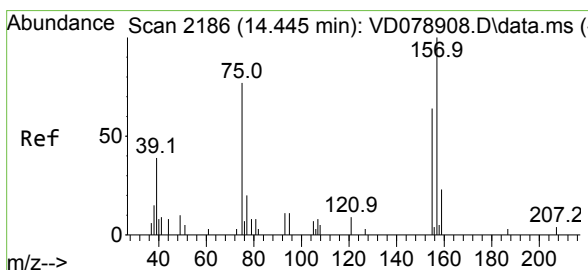
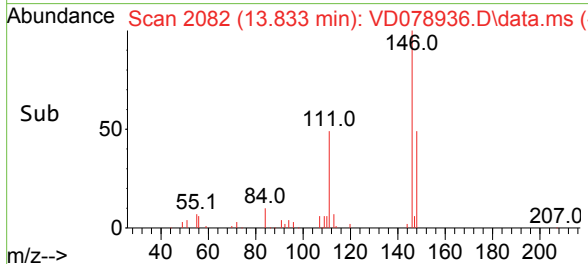
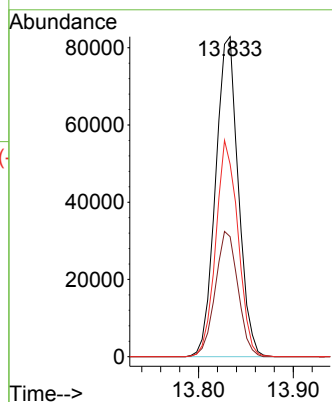
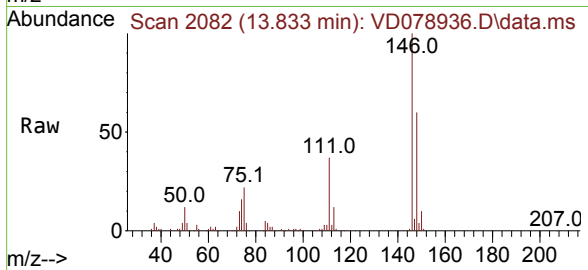
Tgt Ion:146 Resp: 137982

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.1

148 65.9 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.807 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

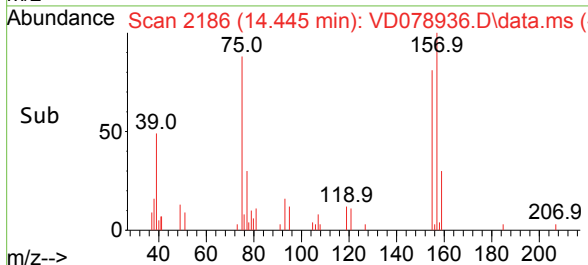
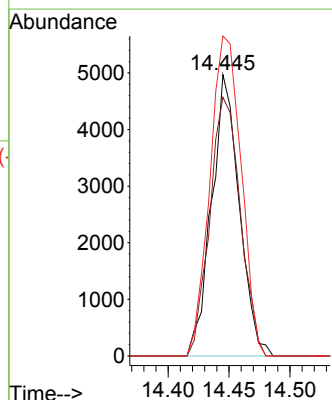
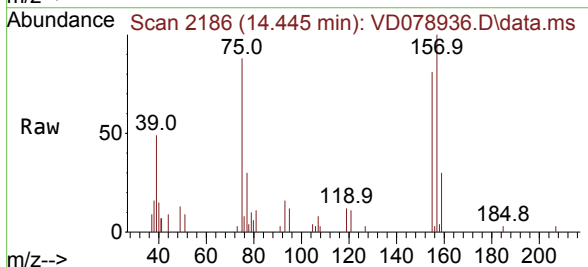
Tgt Ion: 75 Resp: 7880

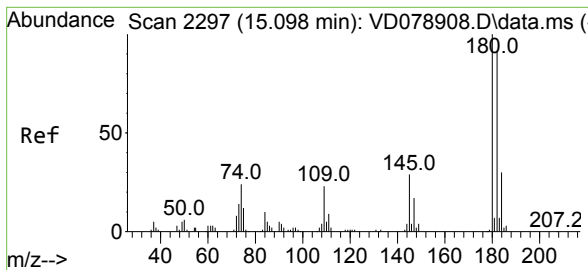
Ion Ratio Lower Upper

75 100

155 101.2 47.7 143.1

157 128.0 63.4 190.2

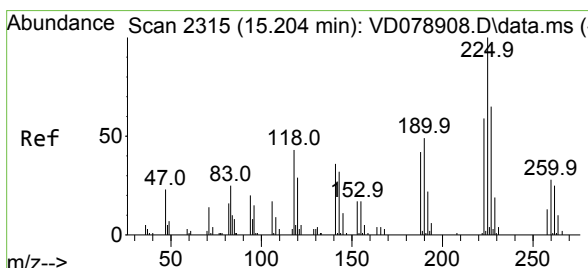
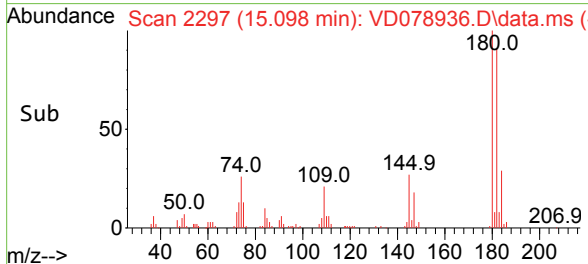
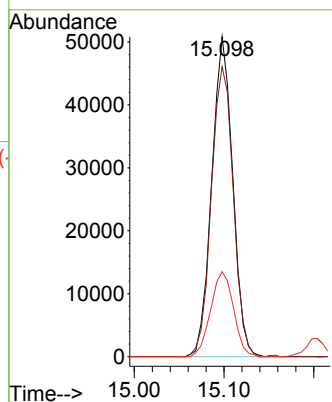
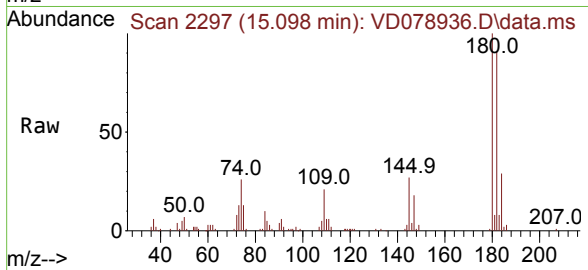




#93
1,2,4-Trichlorobenzene
Concen: 52.200 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

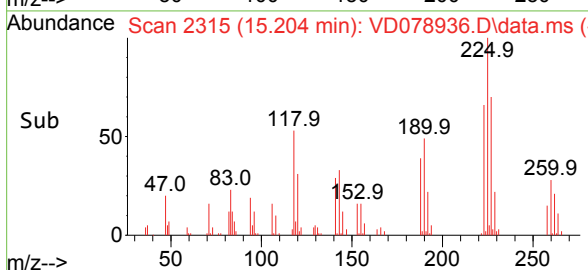
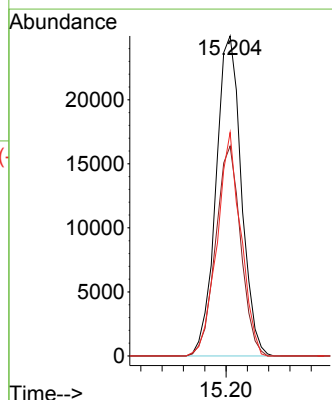
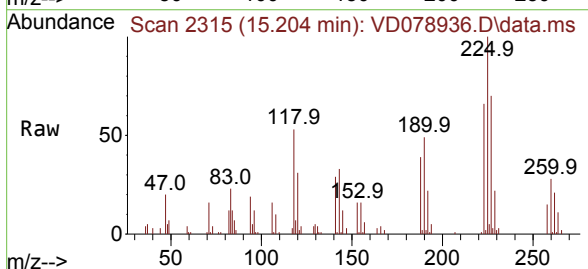
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

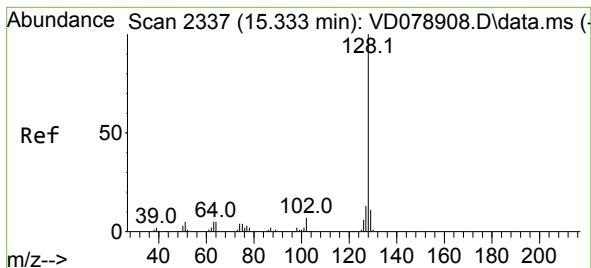
Tgt Ion:180 Resp: 82433
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.7
145 28.9 14.0 41.9



#94
Hexachlorobutadiene
Concen: 49.994 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078936.D
Acq: 15 May 2024 18:05

Tgt Ion:225 Resp: 41259
Ion Ratio Lower Upper
225 100
223 64.7 33.3 99.9
227 65.5 33.6 100.6





#95

Naphthalene

Concen: 56.003 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

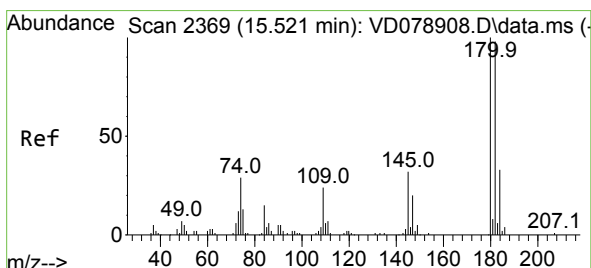
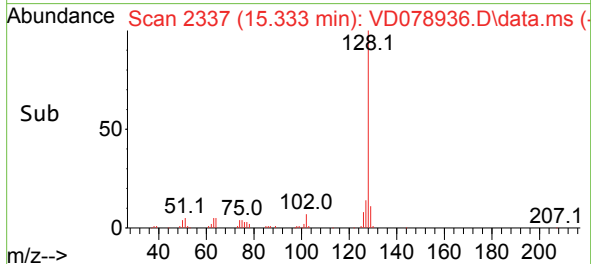
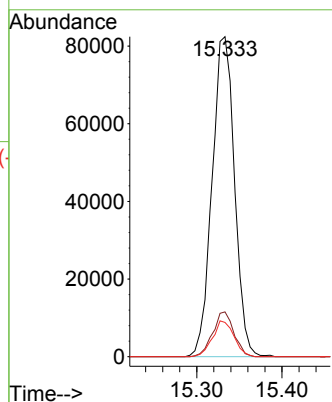
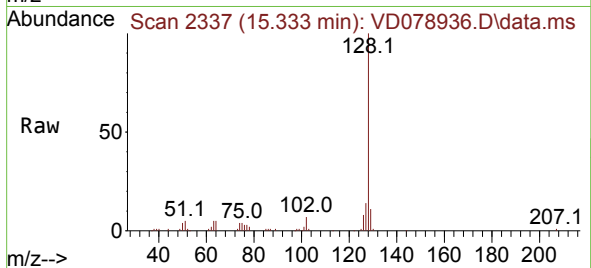
Tgt Ion:128 Resp: 150644

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 53.490 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078936.D

Acq: 15 May 2024 18:05

Tgt Ion:180 Resp: 75140

Ion Ratio Lower Upper

180 100

182 93.2 47.8 143.3

145 29.4 16.1 48.2

