

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
 Data File : VD079857.D
 Acq On : 18 Sep 2024 10:20
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 01:45:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 18 04:50:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	180698	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	169404	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	138555	17.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.520%
7) Chloroethane-d5	2.805	69	117812	18.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.760%
11) 1,1-Dichloroethene-d2	3.916	65	27857	19.527	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.120%
21) 2-Butanone-d5	6.993	46	30753	42.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.260%
24) Chloroform-d	7.563	84	121820	20.509	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.040%
26) 1,2-Dichloroethane-d4	8.234	65	66371	21.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.480%
32) Benzene-d6	8.204	84	261722	21.883	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	9.210	67	78206	21.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.400%
41) Toluene-d8	10.269	98	235028	22.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	10.528	79	34634	21.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.875	63	27594	46.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.420%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61605	22.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	13.810	152	69470	21.949	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65143	18.906	ug/L	99
3) Chloromethane	2.146	50	115750	19.164	ug/L	100
5) Vinyl chloride	2.281	62	141032	19.055	ug/L	95
6) Bromomethane	2.699	94	80476	21.594	ug/L	99
8) Chloroethane	2.840	64	96637	19.763	ug/L	98
9) Trichlorofluoromethane	3.175	101	104793	19.692	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	58339	19.805	ug/L	98
12) 1,1-Dichloroethene	3.934	96	53681	19.566	ug/L	89
13) Acetone	4.022	43	42374	47.609	ug/L	95
14) Carbon disulfide	4.269	76	163376	18.307	ug/L	100
15) Methyl Acetate	4.563	43	28855	20.353	ug/L #	69
16) Methylene chloride	4.805	84	66259	18.557	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	60337	20.625	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	143144	21.751	ug/L	99
19) 1,1-Dichloroethane	6.110	63	120378	20.717	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	68164	21.162	ug/L	95
22) 2-Butanone	7.081	43	47955	45.931	ug/L	97
23) Bromochloromethane	7.428	128	29396	21.503	ug/L	86
25) Chloroform	7.593	83	124771	20.628	ug/L	99

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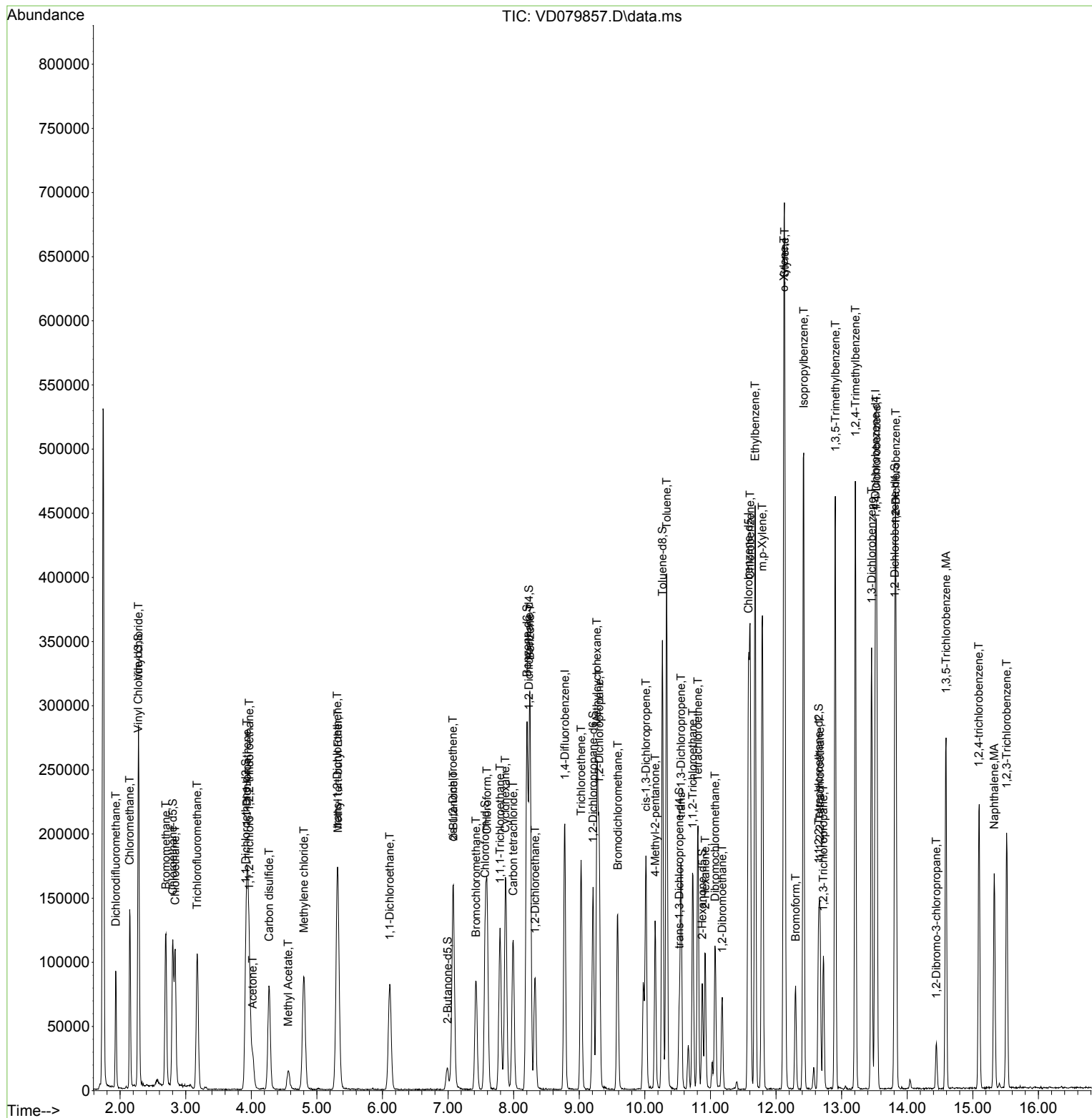
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	79081	21.391	ug/L	97
29) Cyclohexane	7.875	56	89631	21.391	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	102254	22.144	ug/L	99
31) Carbon tetrachloride	7.993	117	90061	22.013	ug/L	98
33) Benzene	8.252	78	279805	22.182	ug/L	100
34) Trichloroethene	9.028	95	65442	22.452	ug/L	97
35) Methylcyclohexane	9.269	83	101254	21.527	ug/L	98
37) 1,2-Dichloropropane	9.304	63	75457	21.935	ug/L #	100
38) Bromodichloromethane	9.587	83	91824	22.908	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	113563	23.508	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	87106	48.372	ug/L	98
42) Toluene	10.334	91	305293	22.977	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	99358	23.338	ug/L	95
45) 1,1,2-Trichloroethane	10.728	97	53630	22.818	ug/L	96
46) Tetrachloroethene	10.810	164	44022	22.247	ug/L	91
48) 2-Hexanone	10.922	43	72091	49.216	ug/L	99
49) Dibromochloromethane	11.069	129	58421	22.773	ug/L	100
50) 1,2-Dibromoethane	11.181	107	44764	22.051	ug/L	98
51) Chlorobenzene	11.604	112	179629	22.527	ug/L	98
52) Ethylbenzene	11.681	91	322807	23.127	ug/L	99
53) m,p-Xylene	11.793	106	120960	22.879	ug/L	92
54) o-Xylene	12.122	106	118994	22.955	ug/L	97
55) Styrene	12.134	104	214863	23.584	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	63957	23.215	ug/L	98
59) Bromoform	12.298	173	31333	21.626	ug/L #	98
60) Isopropylbenzene	12.422	105	315407	21.767	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	43452	21.062	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	247429	23.348	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	244681	22.017	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	130372	21.771	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	134604	21.430	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	121346	22.420	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	8956	21.217	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	77648	21.385	ug/L	97
70) 1,2,4-trichlorobenzene	15.092	180	65870	21.547	ug/L	98
71) Naphthalene	15.328	128	140701	20.606	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	61696	22.562	ug/L	99

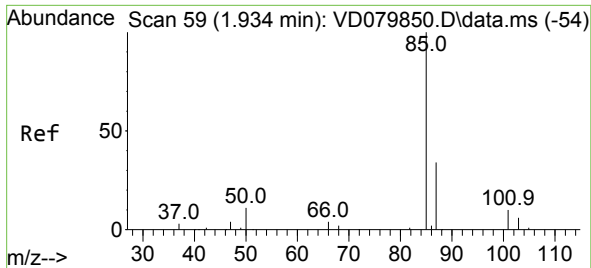
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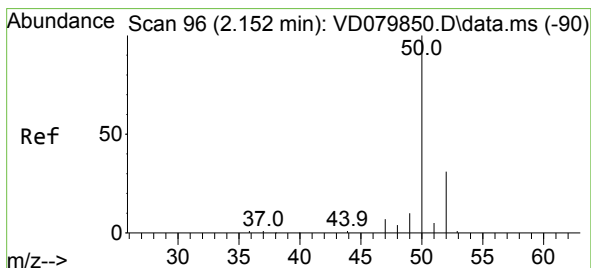
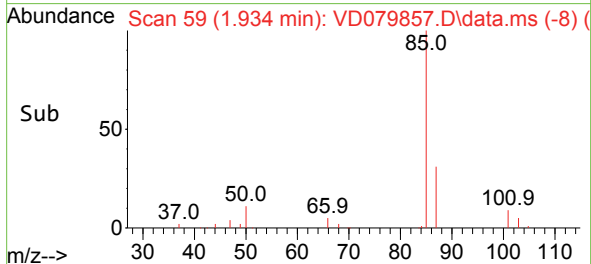
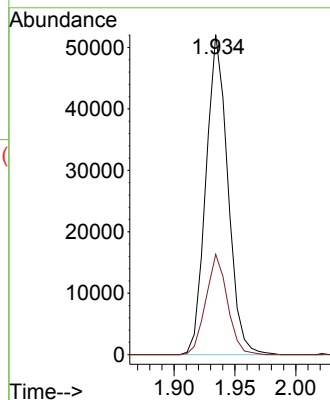
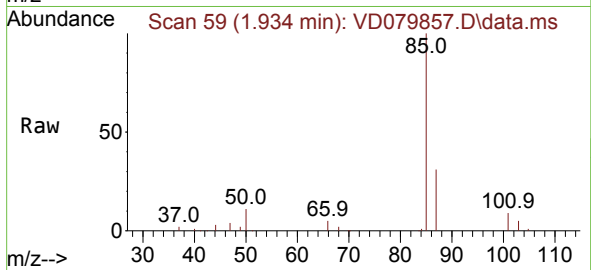




#2
Dichlorodifluoromethane
Concen: 18.906 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

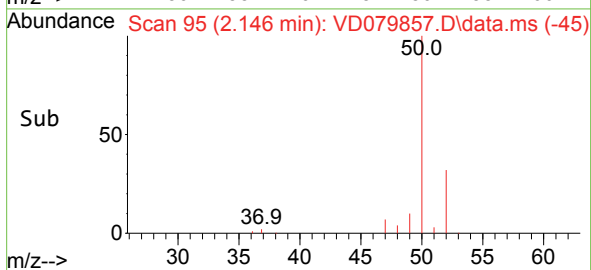
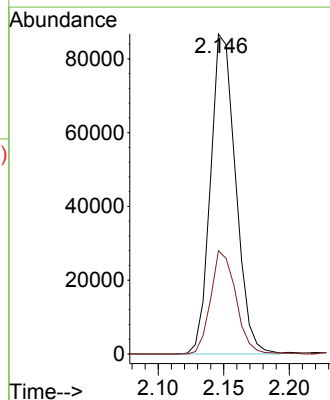
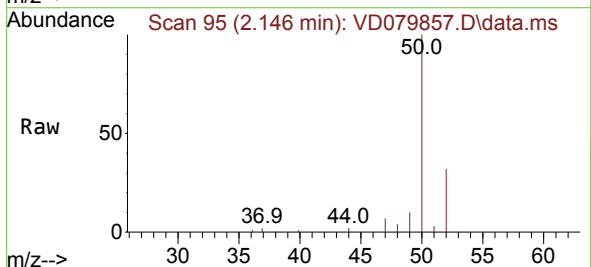
Instrument :
MSVOA_D
ClientSampleId :

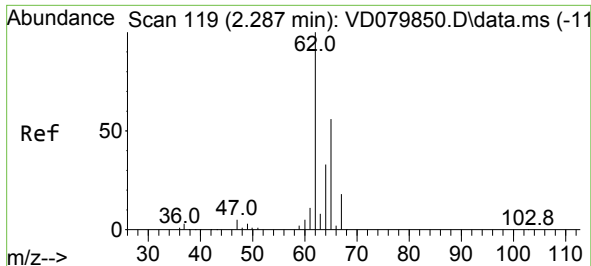
Tgt Ion: 85 Resp: 65143
Ion Ratio Lower Upper
85 100
87 30.9 25.0 37.6



#3
Chloromethane
Concen: 19.164 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion: 50 Resp: 115750
Ion Ratio Lower Upper
50 100
52 32.3 22.4 41.6

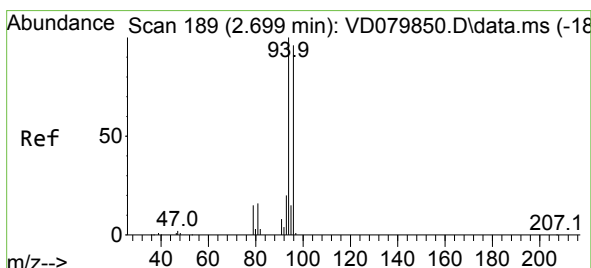
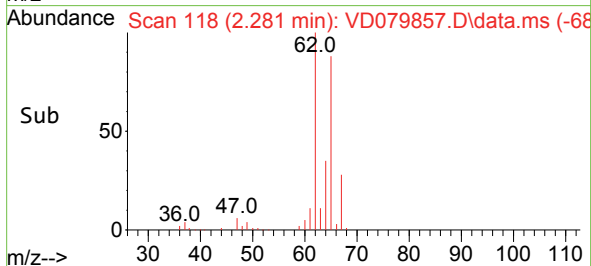
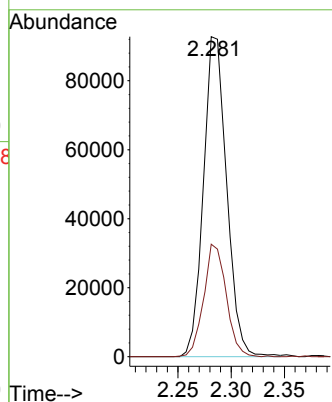
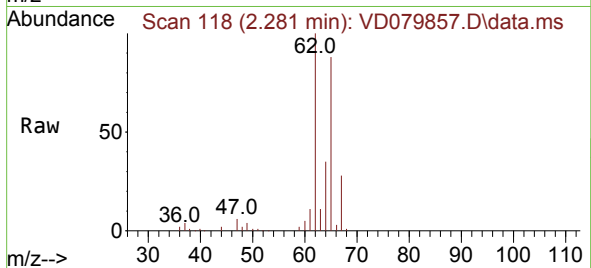




#5
 Vinyl chloride
 Concen: 19.055 ug/L
 RT: 2.281 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20

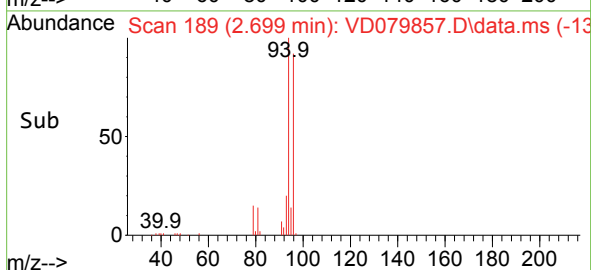
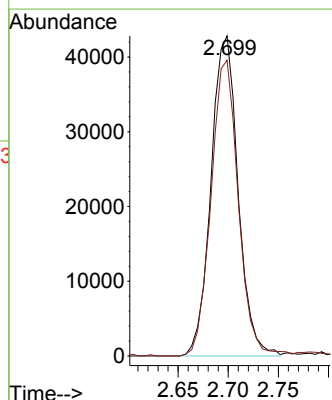
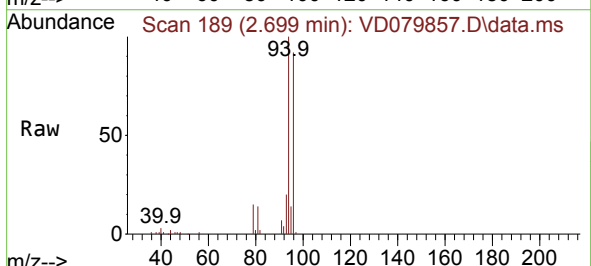
Instrument :
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 ClientSampleId :

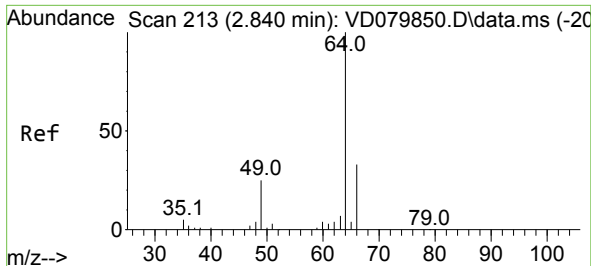
Tgt Ion: 62 Resp: 141032
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.6 42.0



#6
 Bromomethane
 Concen: 21.594 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20

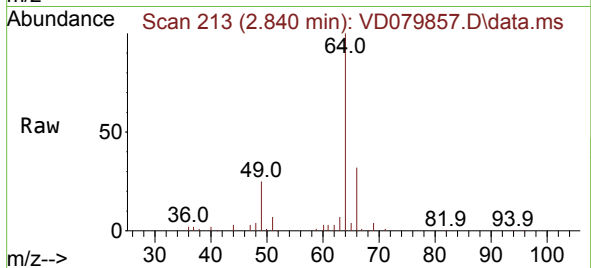
Tgt Ion: 94 Resp: 80476
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.3 119.5



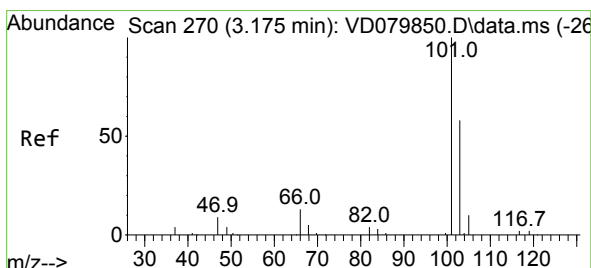
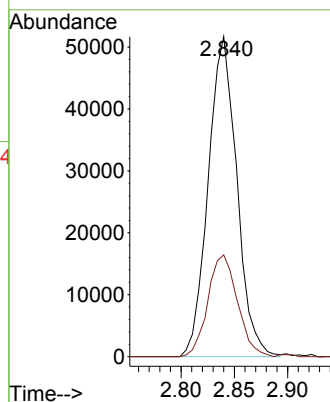
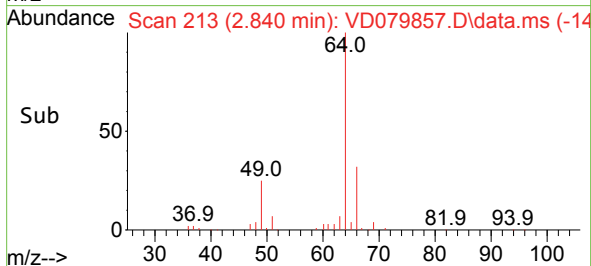


#8
Chloroethane
Concen: 19.763 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Instrument :
MSVOA_D
ClientSampleId :

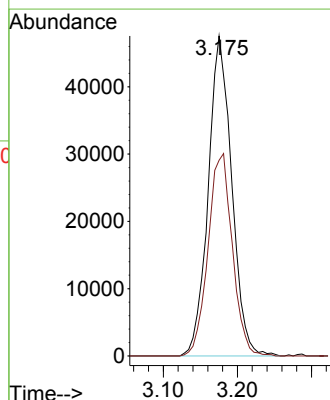
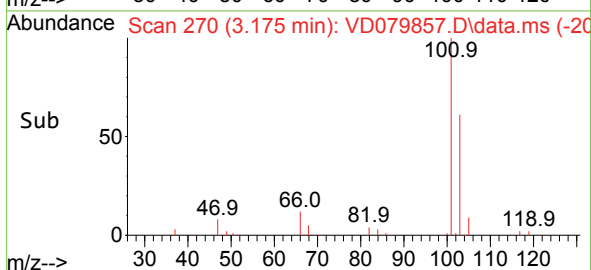
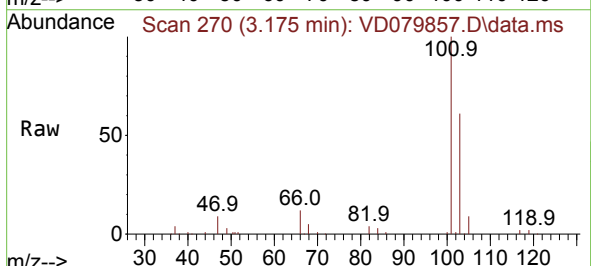


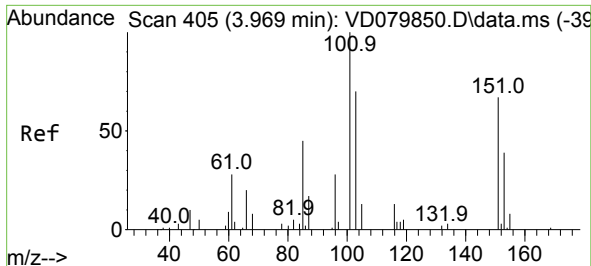
Tgt Ion: 64 Resp: 96637
Ion Ratio Lower Upper
64 100
66 31.8 21.3 39.6



#9
Trichlorofluoromethane
Concen: 19.692 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion:101 Resp: 104793
Ion Ratio Lower Upper
101 100
103 65.2 50.5 75.7

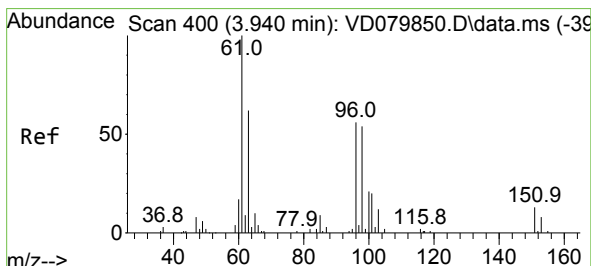
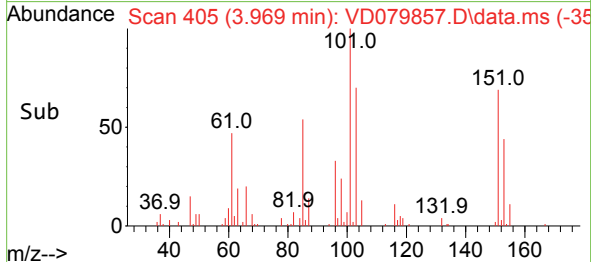
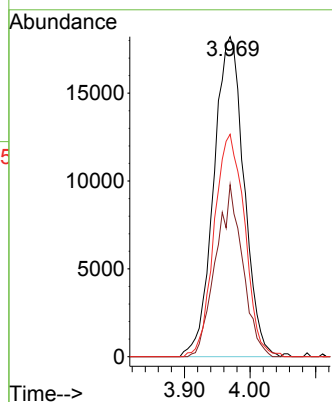
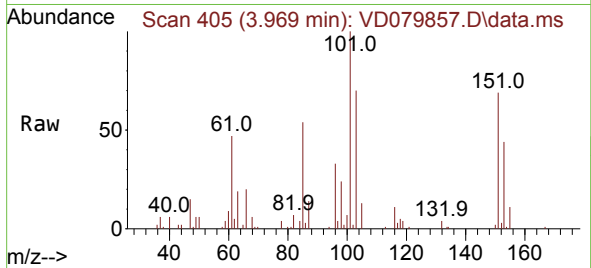




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.805 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20

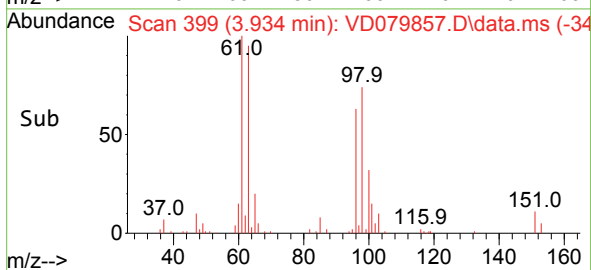
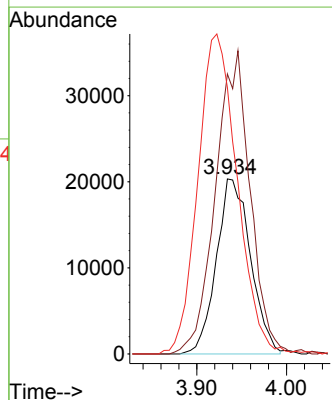
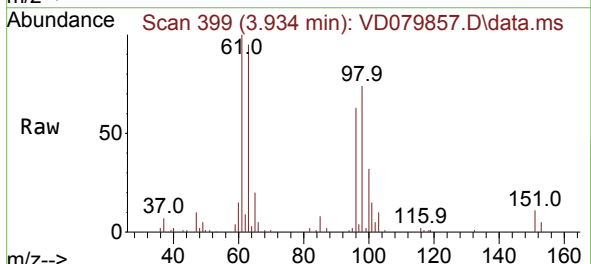
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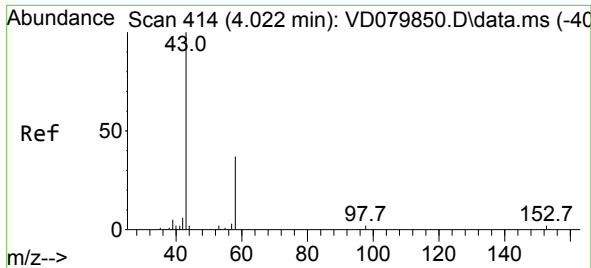
Tgt Ion:101 Resp: 58339
 Ion Ratio Lower Upper
 101 100
 85 47.8 37.8 56.8
 151 70.0 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 19.566 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20

Tgt Ion: 96 Resp: 53681
 Ion Ratio Lower Upper
 96 100
 61 160.0 119.8 222.4
 63 152.2 93.9 174.3





#13

Acetone

Concen: 47.609 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

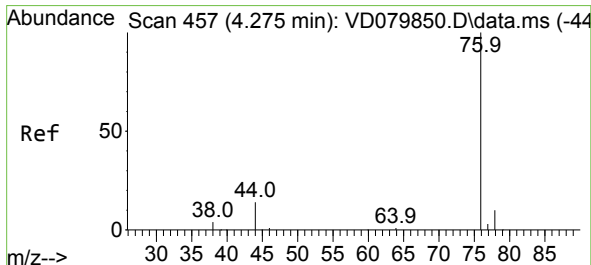
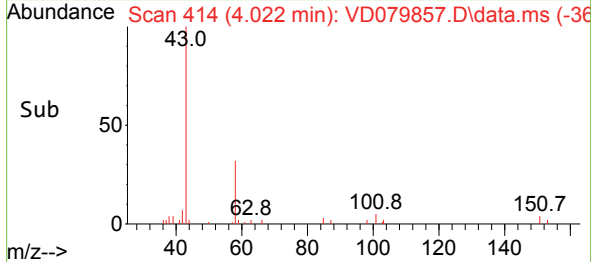
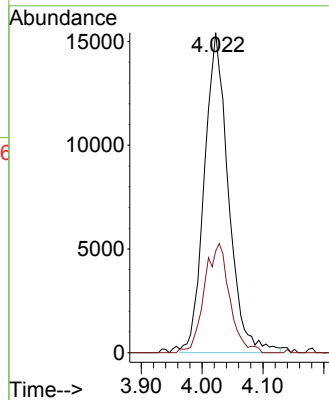
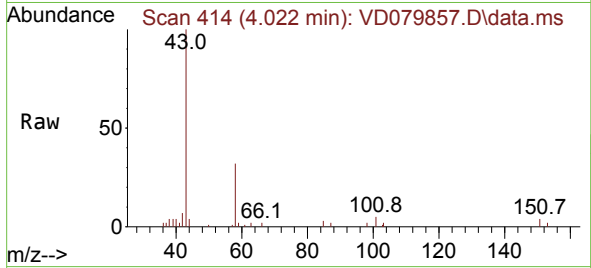
ClientSampleId :

Tgt Ion: 43 Resp: 42374

Ion Ratio Lower Upper

43 100

58 34.7 0.0 75.8



#14

Carbon disulfide

Concen: 18.307 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

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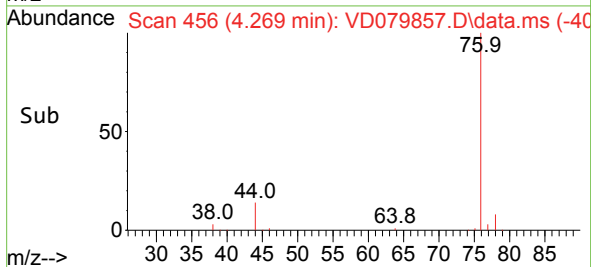
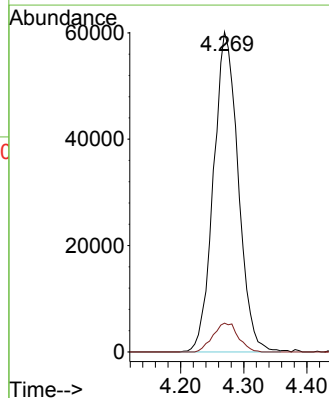
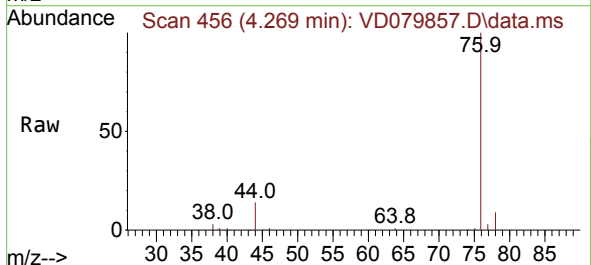
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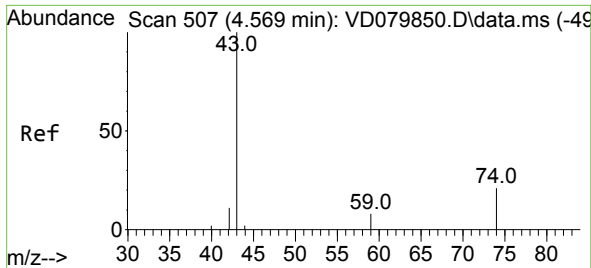
Tgt Ion: 76 Resp: 163376

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

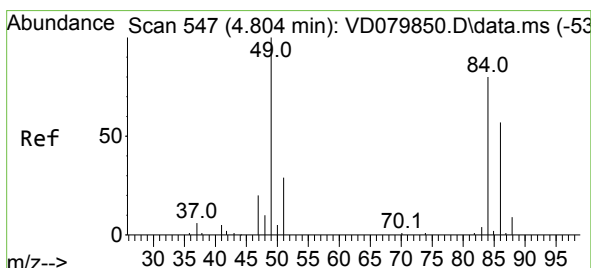
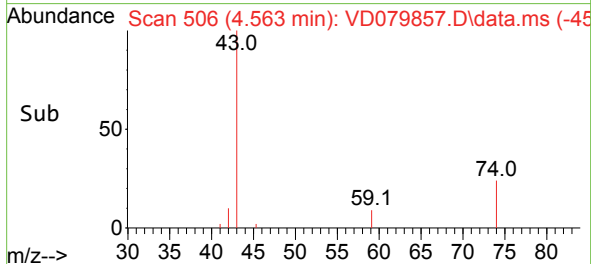
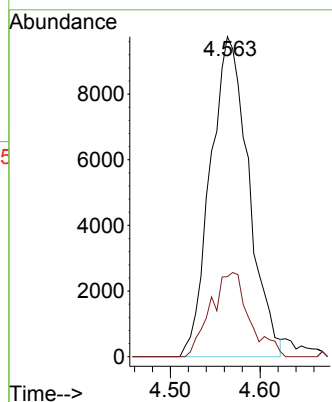
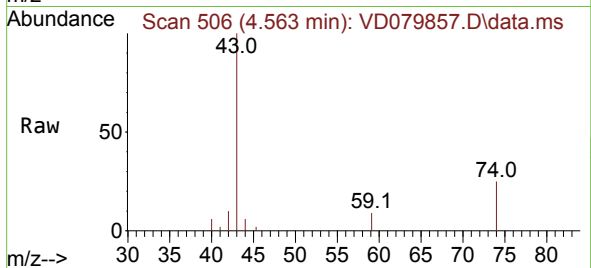




#15
Methyl Acetate
Concen: 20.353 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

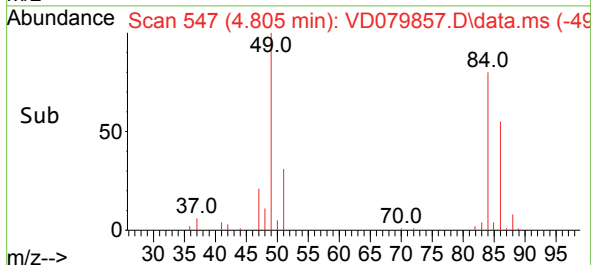
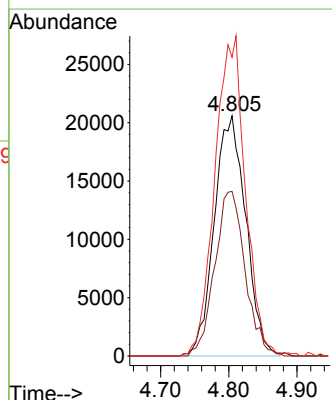
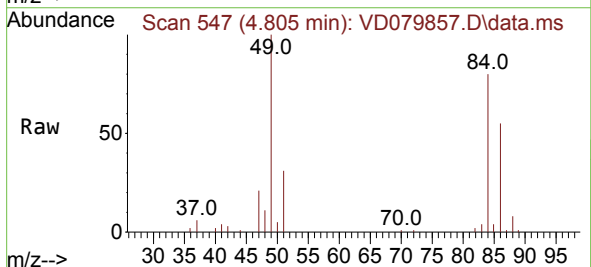
Instrument :
MSVOA_D
ClientSampleId :

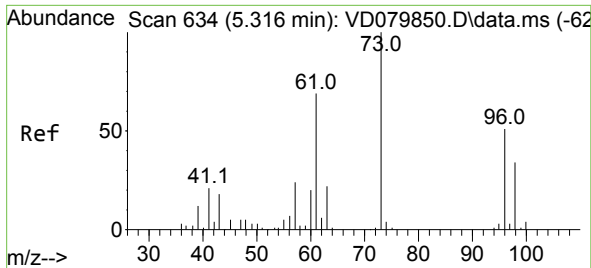
Tgt Ion: 43 Resp: 28855
Ion Ratio Lower Upper
43 100
74 2.2 11.9 17.9#



#16
Methylene chloride
Concen: 18.557 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion: 84 Resp: 66259
Ion Ratio Lower Upper
84 100
86 68.5 41.0 76.2
49 124.3 90.0 167.2

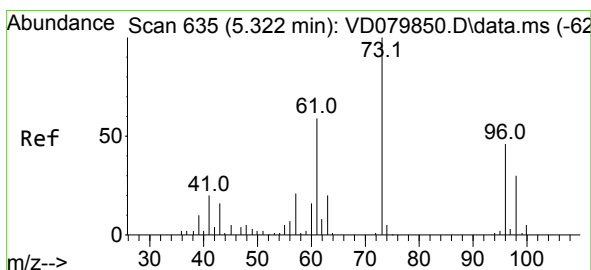
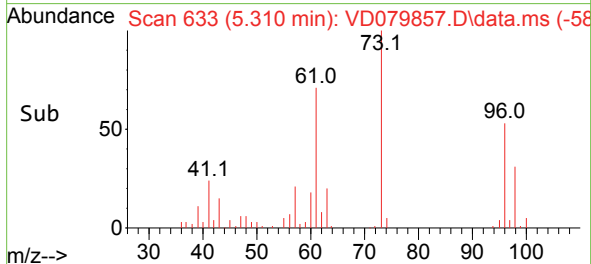
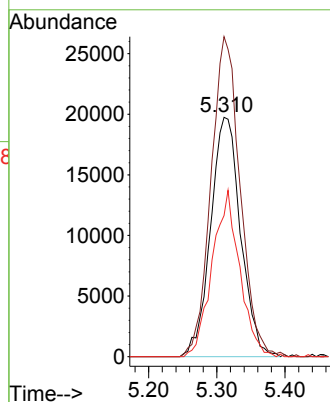
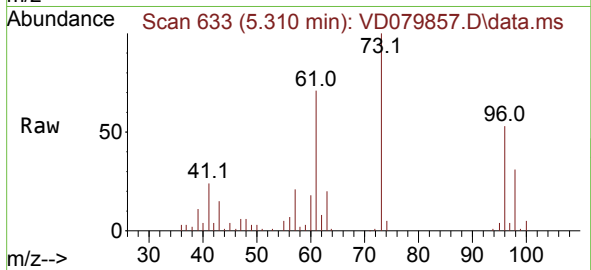




#17
trans-1,2-Dichloroethene
Concen: 20.625 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

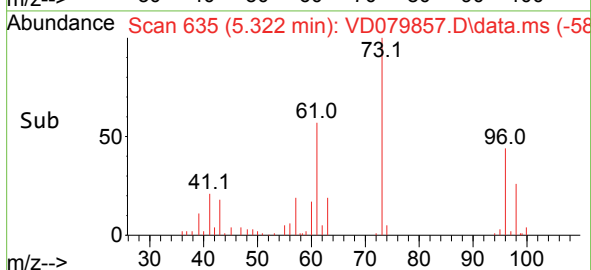
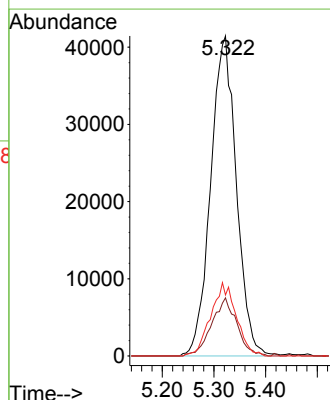
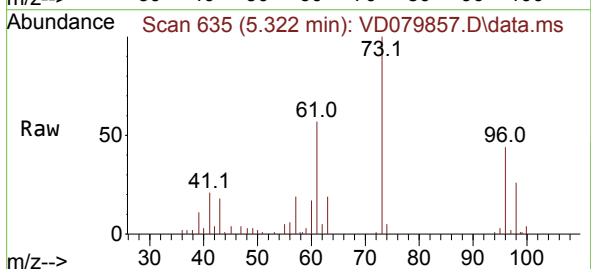
Instrument :
MSVOA_D
ClientSampleId :

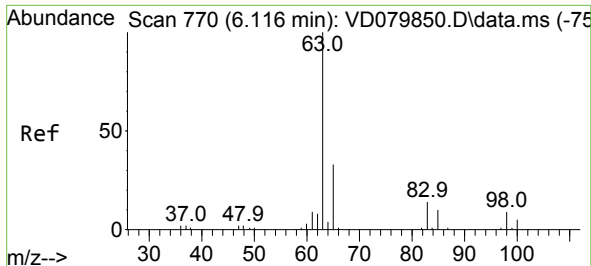
Tgt Ion: 96 Resp: 60337
Ion Ratio Lower Upper
96 100
61 133.7 88.7 164.7
98 58.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 21.751 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion: 73 Resp: 143144
Ion Ratio Lower Upper
73 100
43 17.8 14.5 21.7
57 22.5 18.8 28.2





#19

1,1-Dichloroethane

Concen: 20.717 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

ClientSampleId :

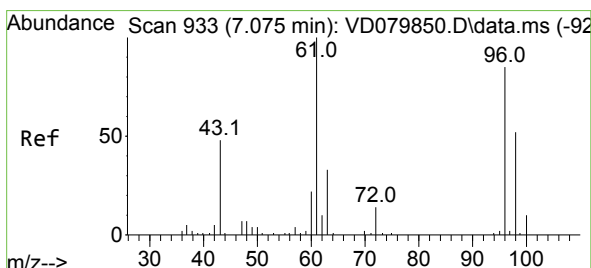
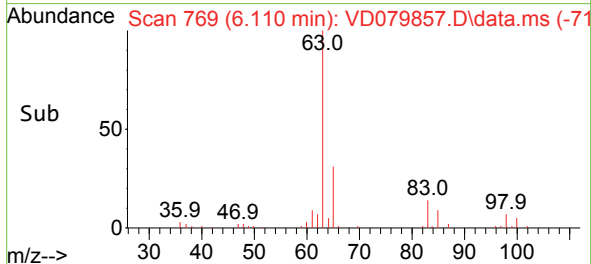
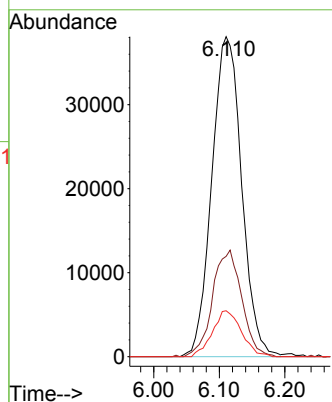
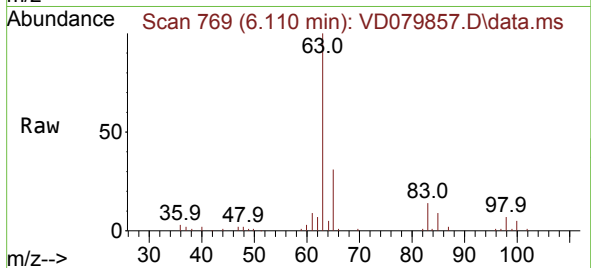
Tgt Ion: 63 Resp: 120378

Ion Ratio Lower Upper

63 100

65 31.4 22.6 42.0

83 14.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 21.162 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

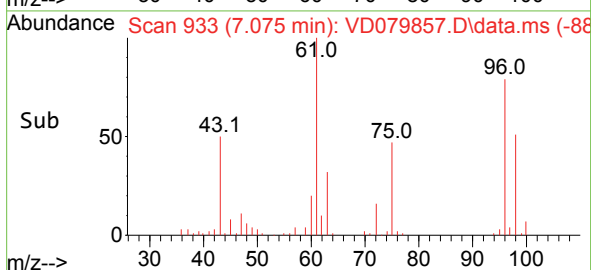
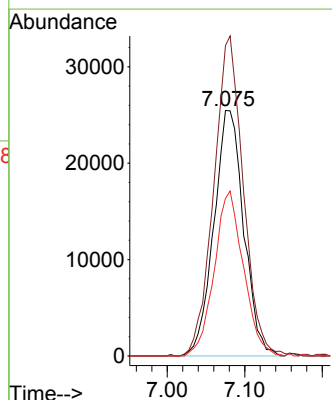
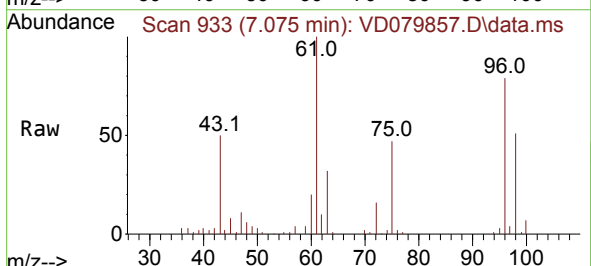
Tgt Ion: 96 Resp: 68164

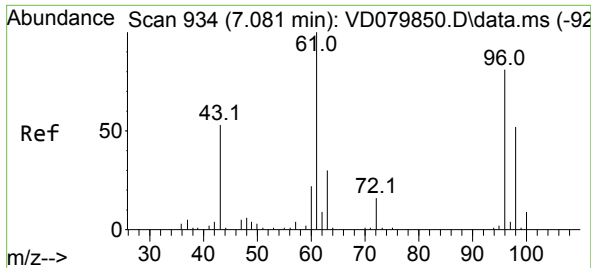
Ion Ratio Lower Upper

96 100

61 126.5 83.8 155.6

98 64.2 45.9 85.3

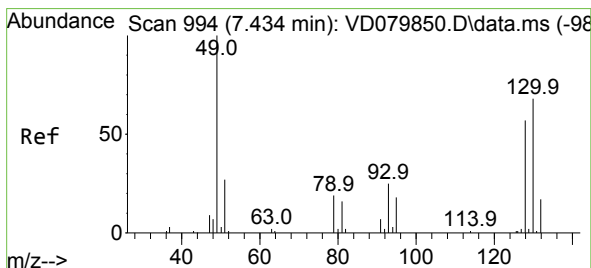
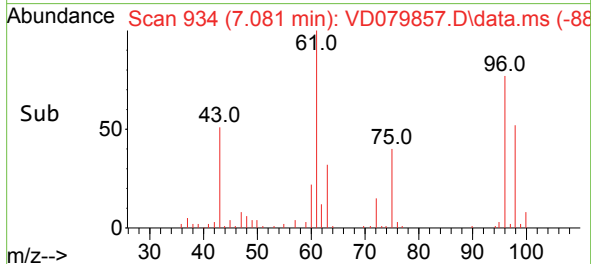
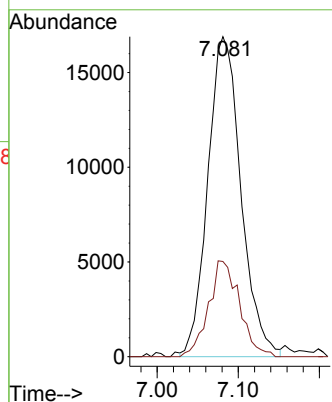
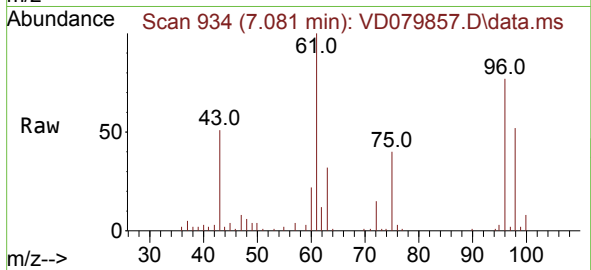




#22
2-Butanone
Concen: 45.931 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

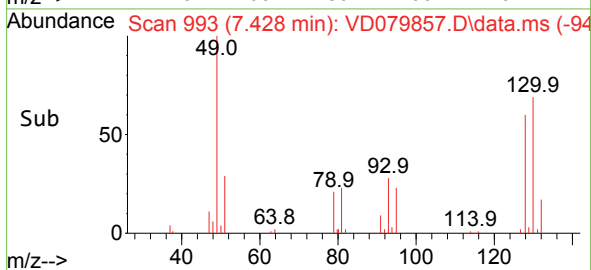
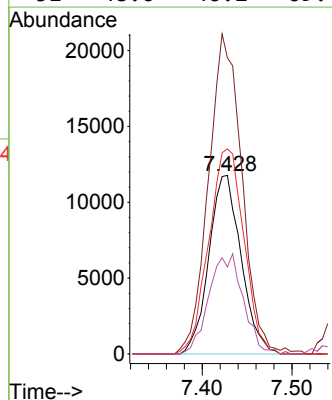
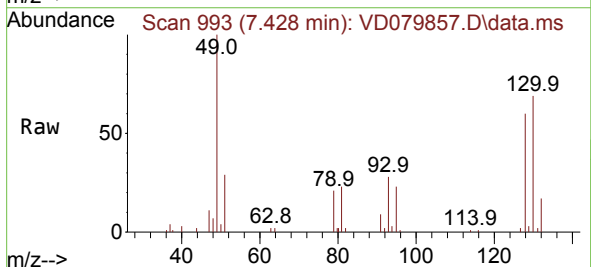
Instrument :
MSVOA_D
ClientSampleId :

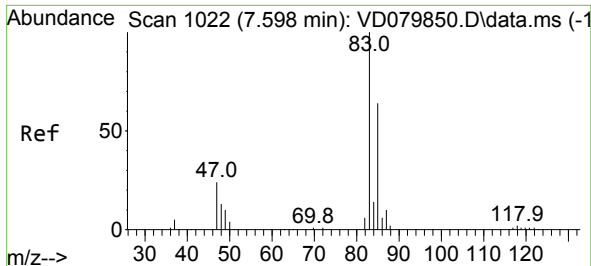
Tgt Ion: 43 Resp: 47955
Ion Ratio Lower Upper
43 100
72 27.9 13.1 39.3



#23
Bromochloromethane
Concen: 21.503 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion:128 Resp: 29396
Ion Ratio Lower Upper
128 100
49 165.9 132.3 245.7
130 114.8 89.4 166.0
51 48.6 46.2 69.4





#25

Chloroform

Concen: 20.628 ug/L

RT: 7.593 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

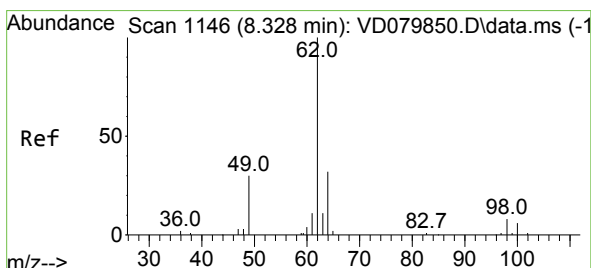
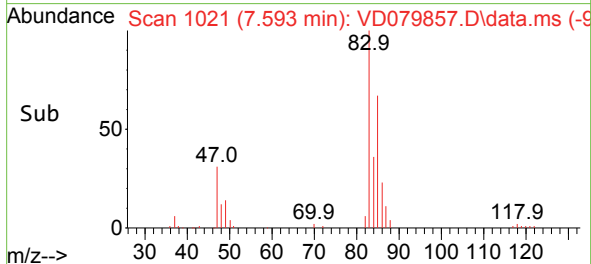
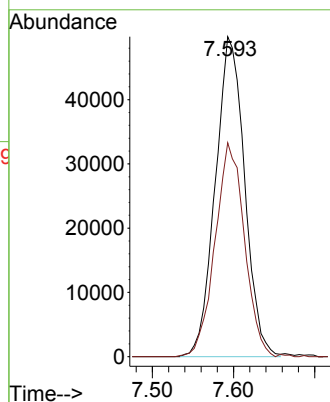
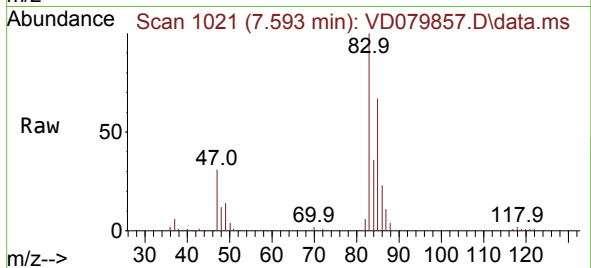
ClientSampleId :

Tgt Ion: 83 Resp: 124771

Ion Ratio Lower Upper

83 100

85 66.8 47.3 87.9



#27

1,2-Dichloroethane

Concen: 21.391 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD079857.D

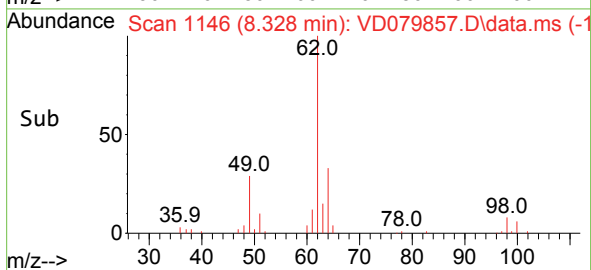
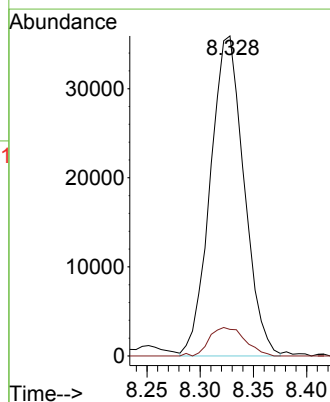
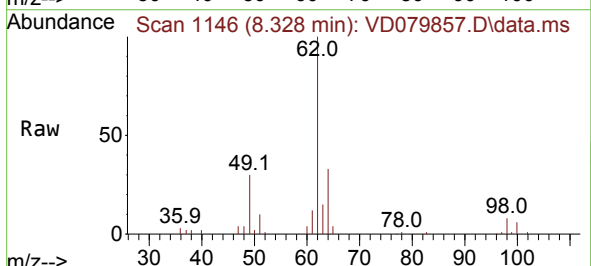
Acq: 18 Sep 2024 10:20

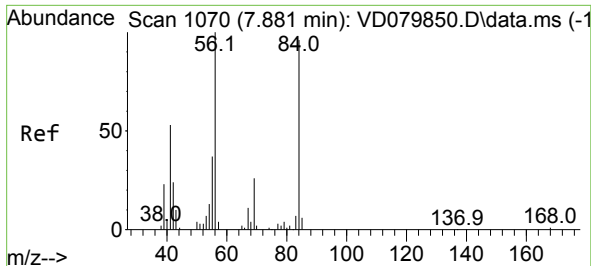
Tgt Ion: 62 Resp: 79081

Ion Ratio Lower Upper

62 100

98 8.3 7.5 11.3





#29

Cyclohexane

Concen: 21.391 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

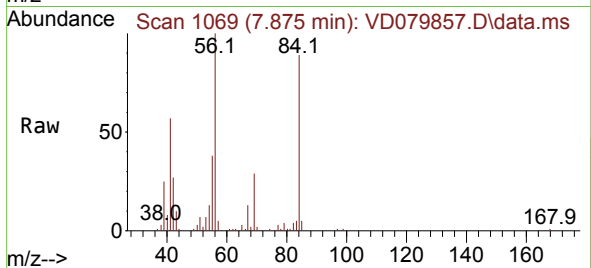
Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

ClientSampleId :



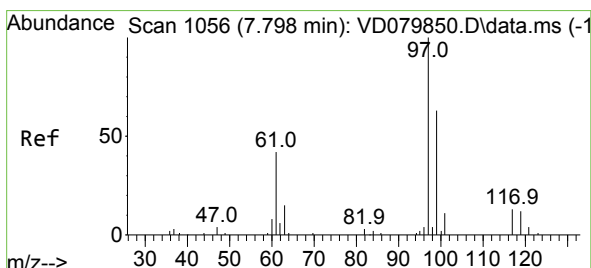
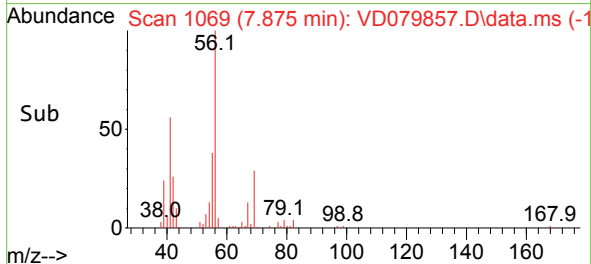
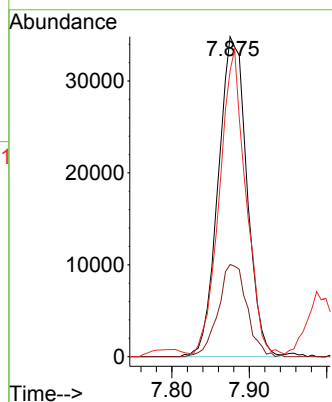
Tgt Ion: 56 Resp: 89631

Ion Ratio Lower Upper

56 100

69 28.7 22.8 34.2

84 89.3 69.1 103.7



#30

1,1,1-Trichloroethane

Concen: 22.144 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

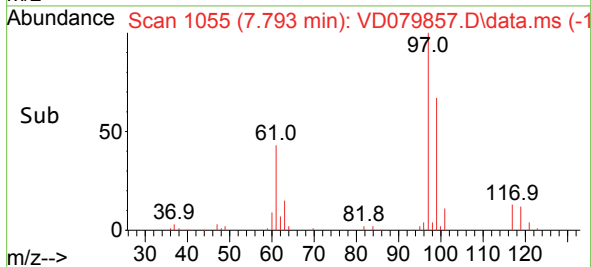
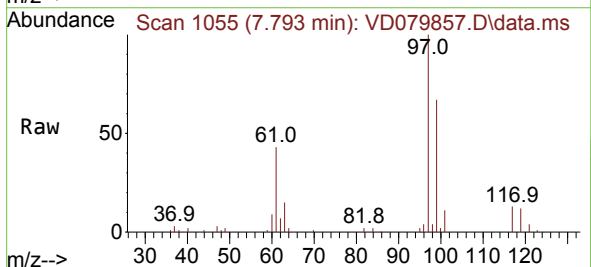
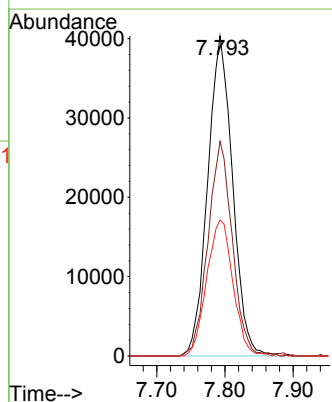
Tgt Ion: 97 Resp: 102254

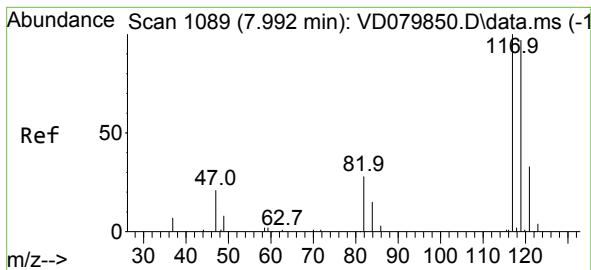
Ion Ratio Lower Upper

97 100

99 65.7 51.9 77.9

61 44.7 35.4 53.2

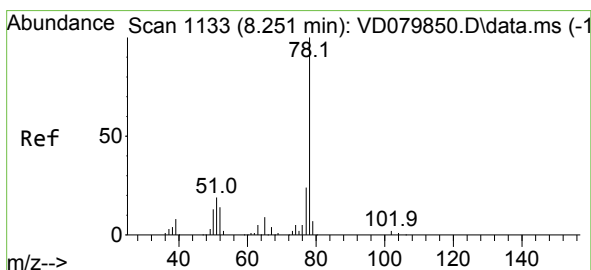
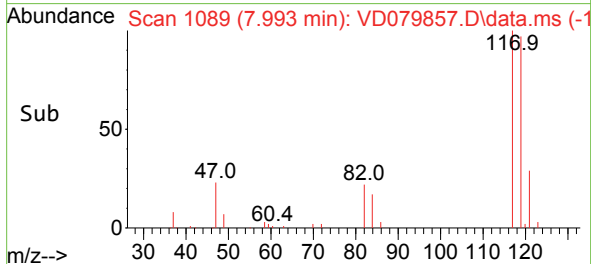
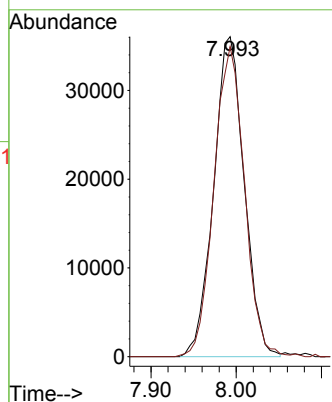
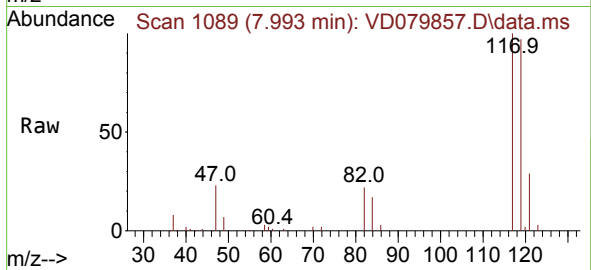




#31
Carbon tetrachloride
Concen: 22.013 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

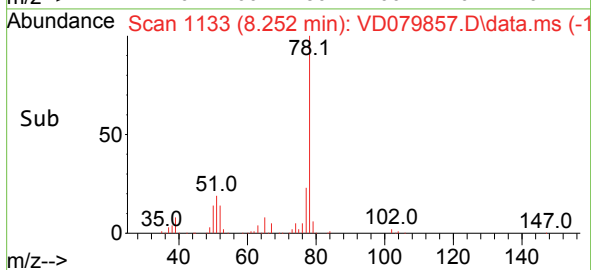
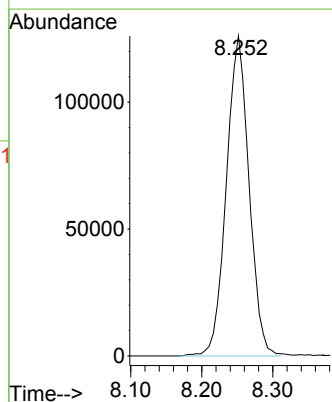
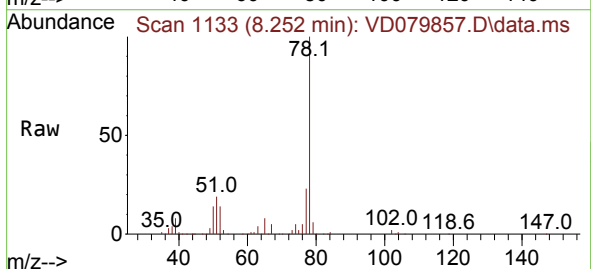
Instrument :
MSVOA_D
ClientSampleId :

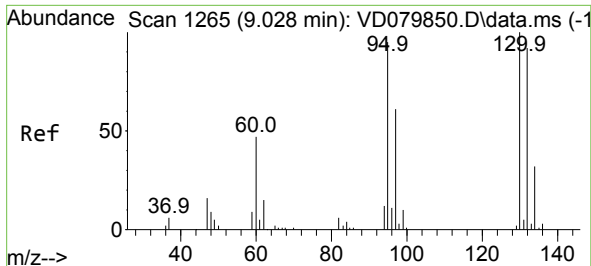
Tgt Ion:117 Resp: 90061
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0



#33
Benzene
Concen: 22.182 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

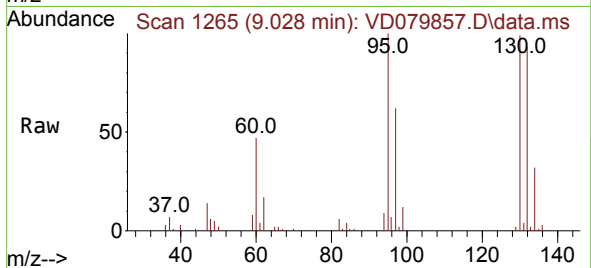
Tgt Ion: 78 Resp: 279805



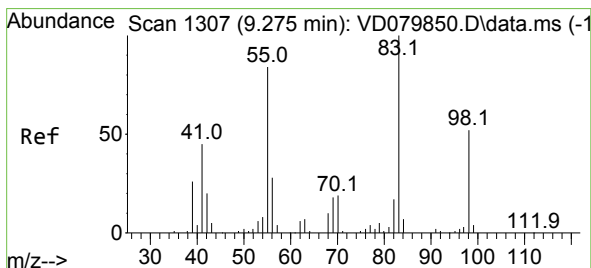
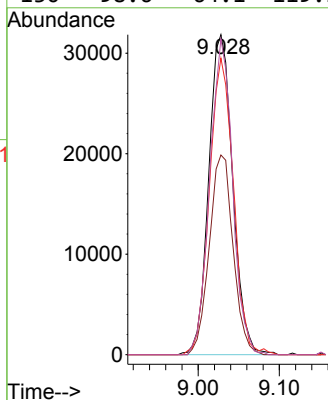
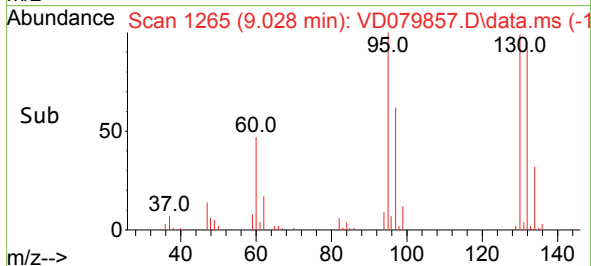


#34
Trichloroethene
Concen: 22.452 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

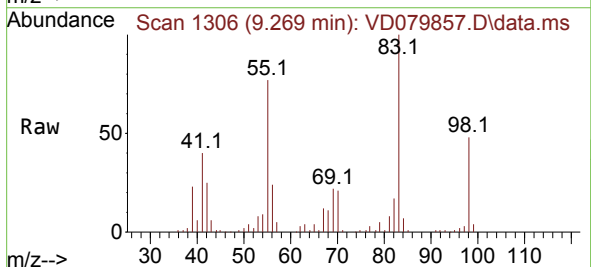
Instrument :
MSVOA_D
ClientSampleId :



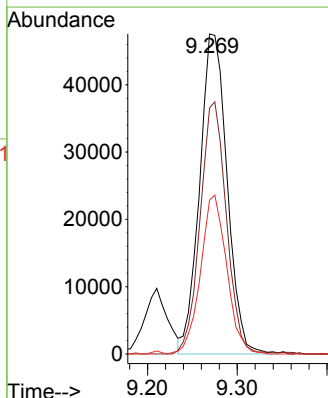
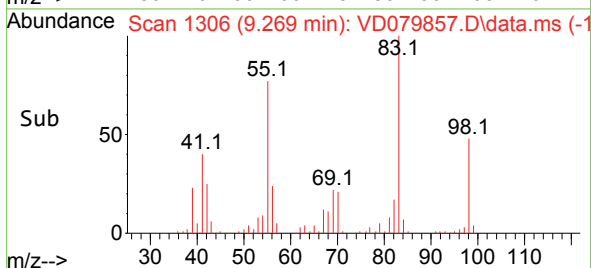
Tgt Ion: 95 Resp: 65442
Ion Ratio Lower Upper
95 100
97 62.4 43.5 80.7
132 92.7 64.5 119.7
130 98.6 64.1 119.1

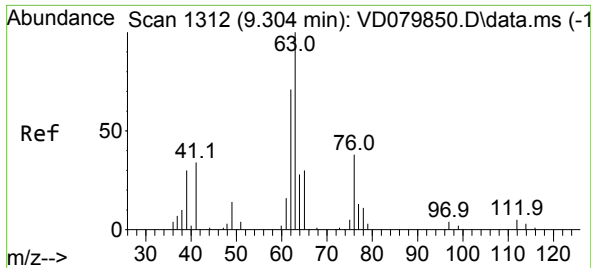


#35
Methylcyclohexane
Concen: 21.527 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20



Tgt Ion: 83 Resp: 101254
Ion Ratio Lower Upper
83 100
55 75.0 58.9 88.3
98 47.3 38.6 58.0

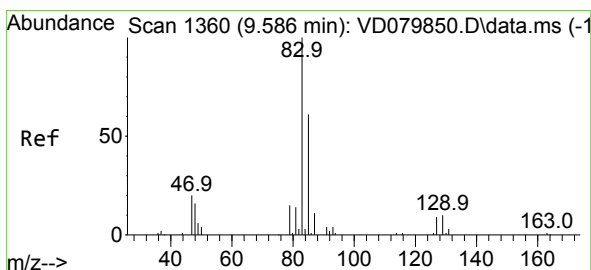
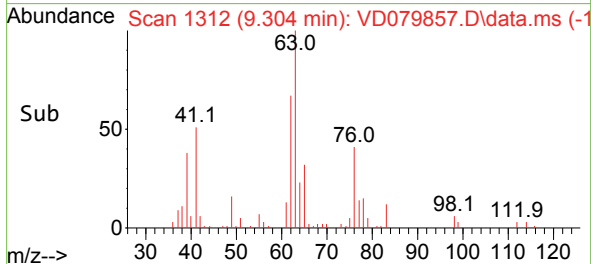
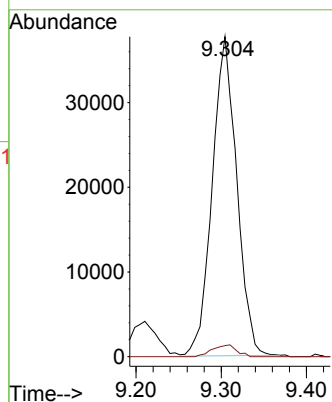
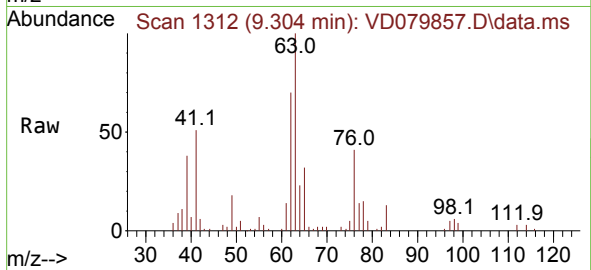




#37
1,2-Dichloropropane
Concen: 21.935 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

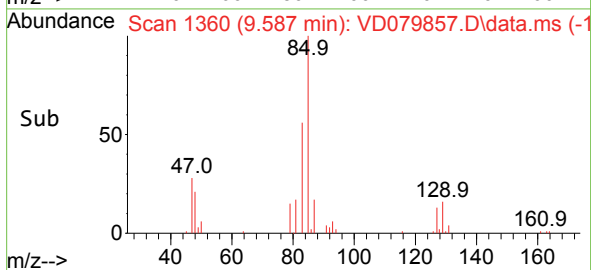
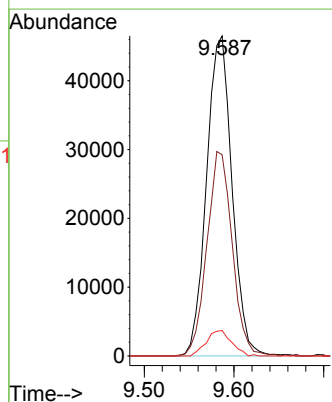
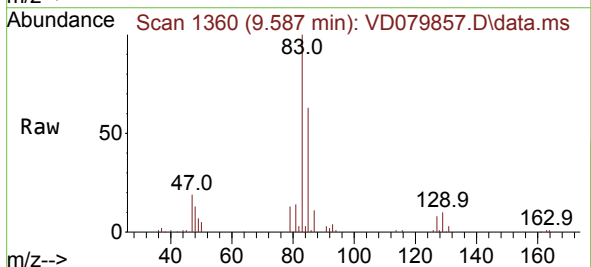
Instrument :
MSVOA_D
ClientSampleId :

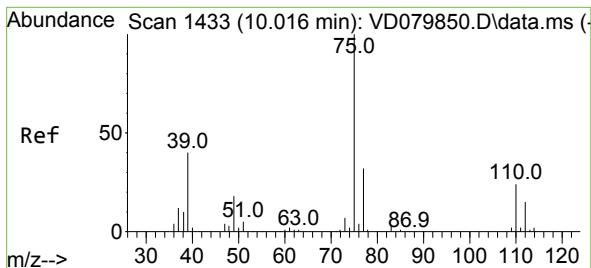
Tgt Ion: 63 Resp: 75457
Ion Ratio Lower Upper
63 100
112 3.7 0.0 0.0#



#38
Bromodichloromethane
Concen: 22.908 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion: 83 Resp: 91824
Ion Ratio Lower Upper
83 100
85 62.9 45.9 85.3
127 8.0 6.7 10.1

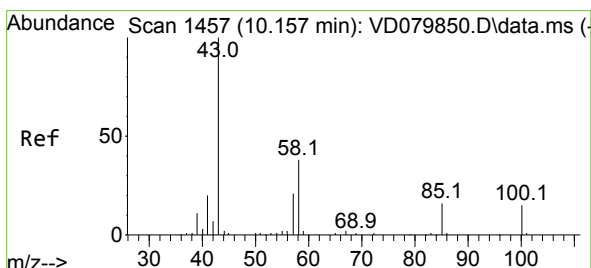
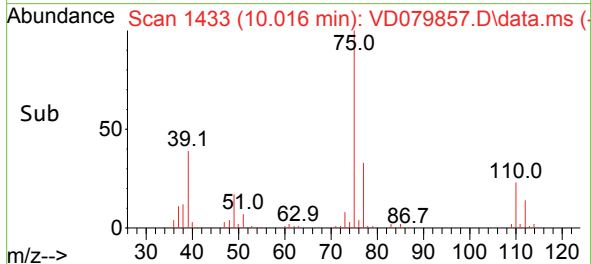
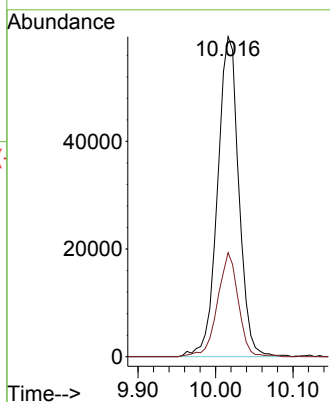
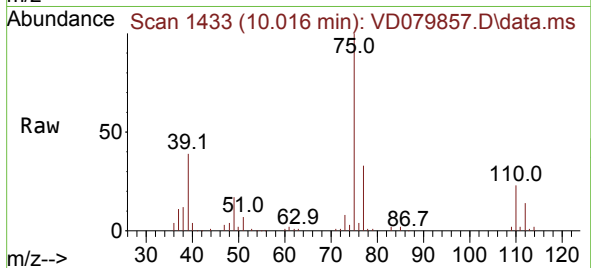




#39
 cis-1,3-Dichloropropene
 Concen: 23.508 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20

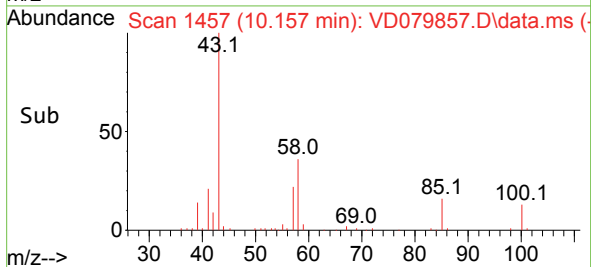
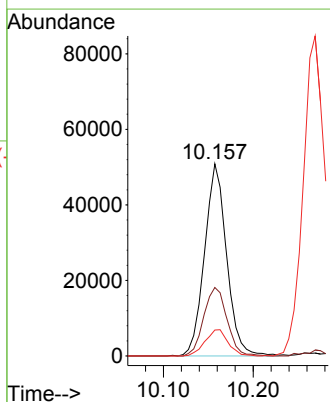
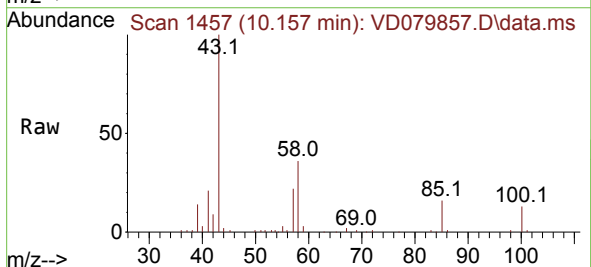
Instrument :
 MSVOA_D
 ClientSampleId :

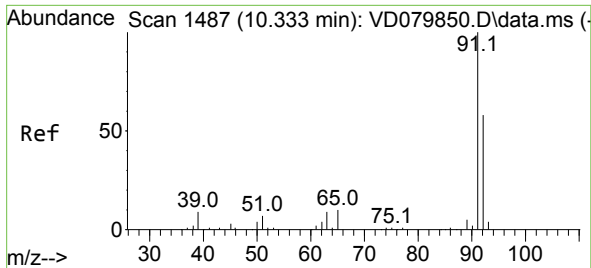
Tgt Ion: 75 Resp: 113563
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 48.372 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20

Tgt Ion: 43 Resp: 87106
 Ion Ratio Lower Upper
 43 100
 58 37.4 31.1 46.7
 100 14.2 11.8 17.6





#42

Toluene

Concen: 22.977 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

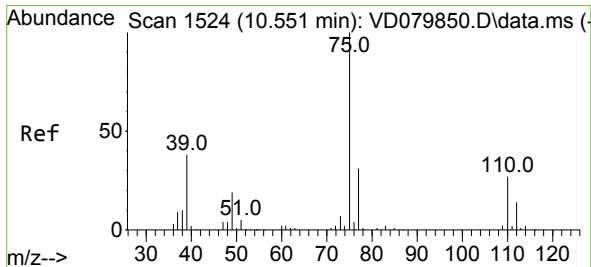
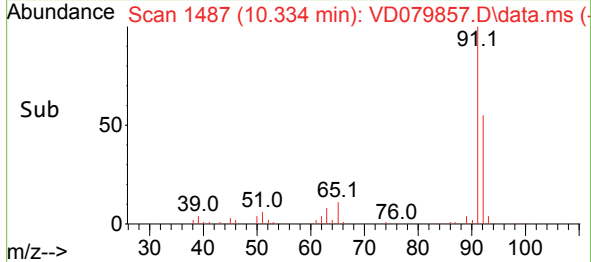
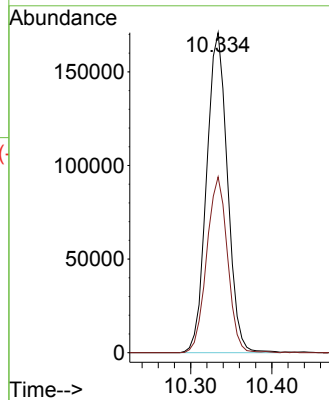
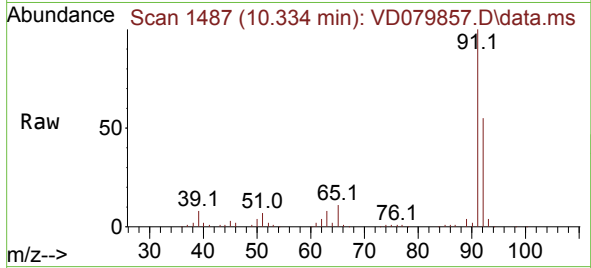
ClientSampleId :

Tgt Ion: 91 Resp: 305293

Ion Ratio Lower Upper

91 100

92 55.0 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 23.338 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079857.D

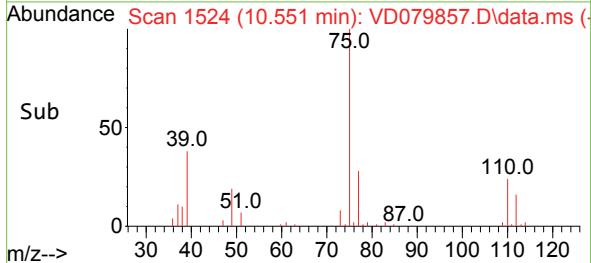
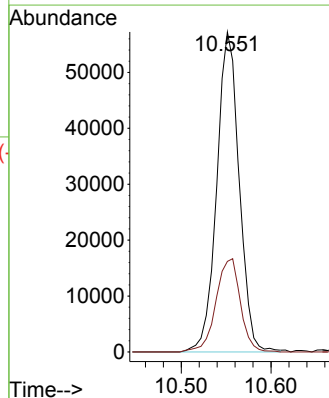
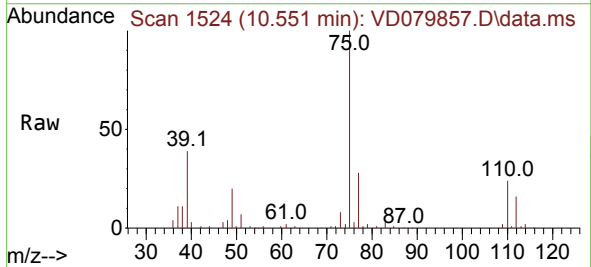
Acq: 18 Sep 2024 10:20

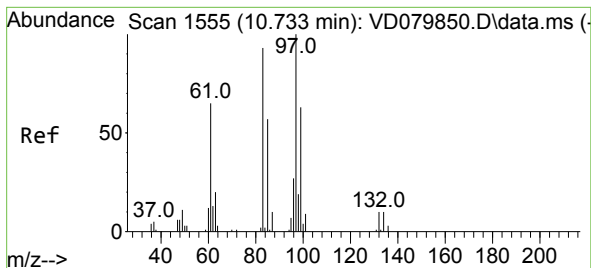
Tgt Ion: 75 Resp: 99358

Ion Ratio Lower Upper

75 100

77 28.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 22.818 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

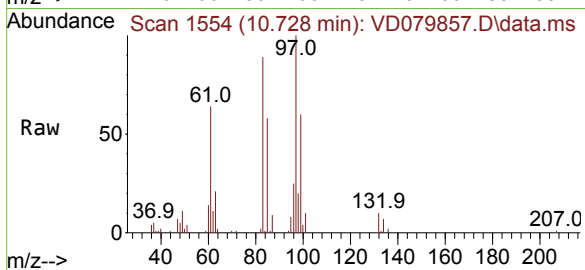
Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 53630

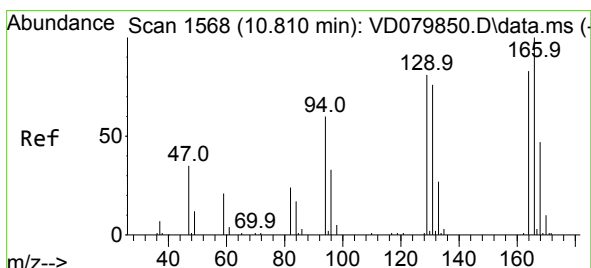
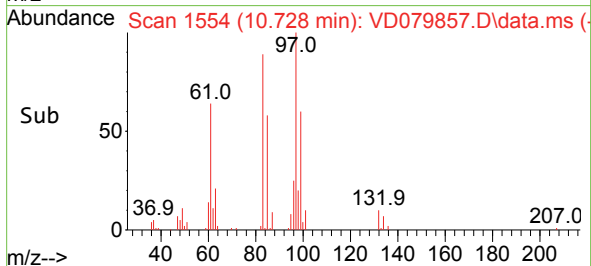
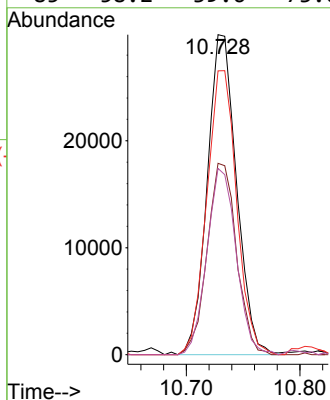
Ion Ratio Lower Upper

97 100

99 59.8 45.1 83.7

83 88.7 65.2 121.0

85 58.2 39.6 73.6



#46

Tetrachloroethene

Concen: 22.247 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Tgt Ion:164 Resp: 44022

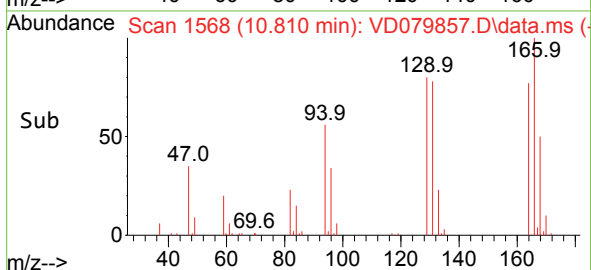
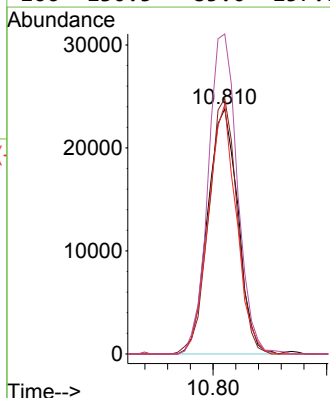
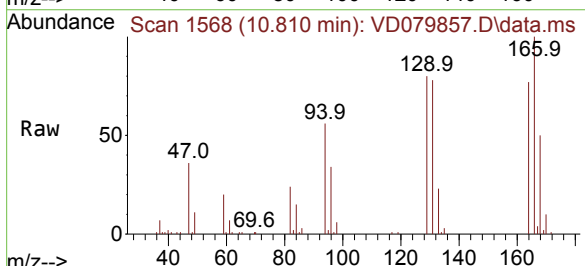
Ion Ratio Lower Upper

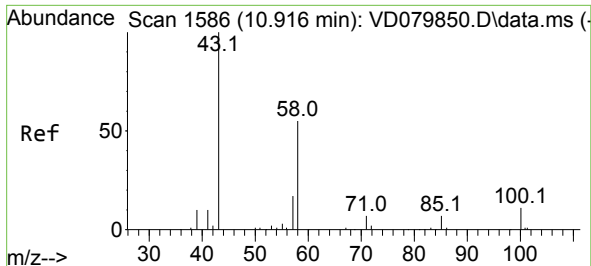
164 100

129 104.2 68.7 127.5

131 101.7 62.5 116.1

166 130.5 85.0 157.8

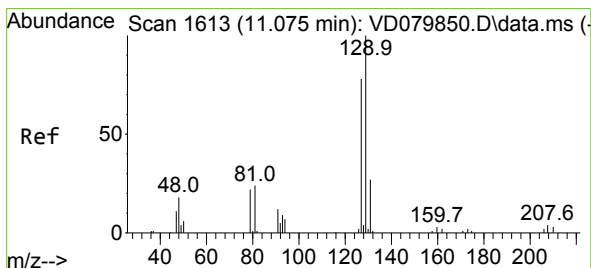
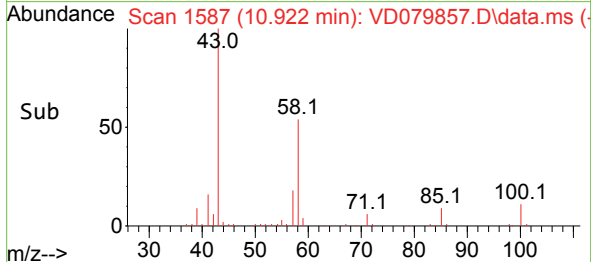
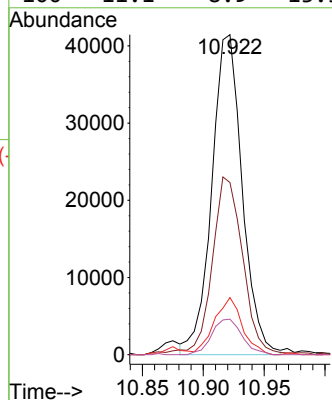
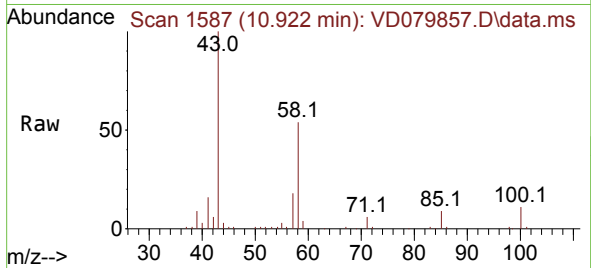




#48
2-Hexanone
Concen: 49.216 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

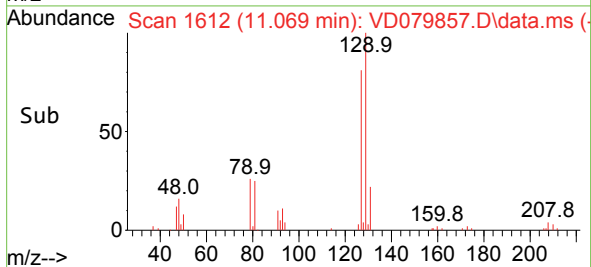
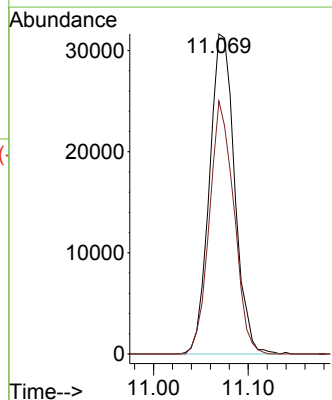
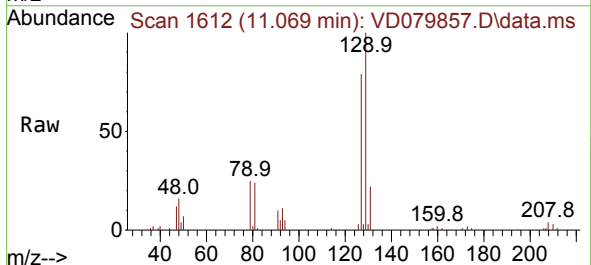
Instrument :
MSVOA_D
ClientSampleId :

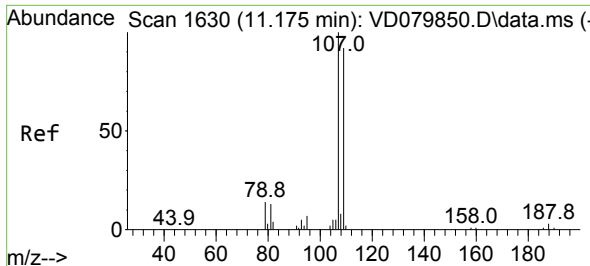
Tgt Ion: 43 Resp: 72091
Ion Ratio Lower Upper
43 100
58 54.6 44.7 67.1
57 16.4 13.6 20.4
100 11.1 8.9 13.3



#49
Dibromochloromethane
Concen: 22.773 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion: 129 Resp: 58421
Ion Ratio Lower Upper
129 100
127 79.0 55.2 102.6

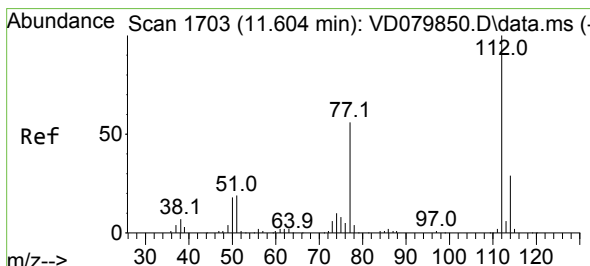
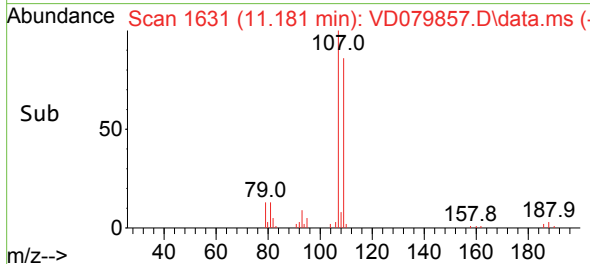
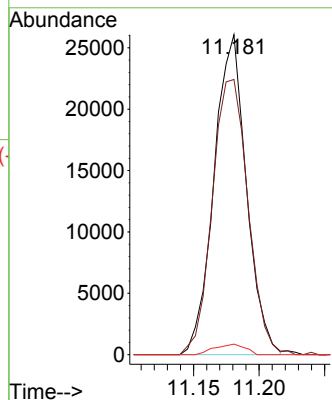
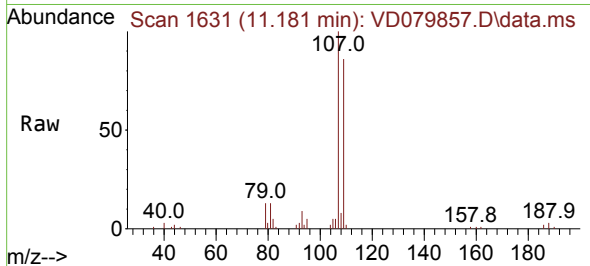




#50
1,2-Dibromoethane
Concen: 22.051 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

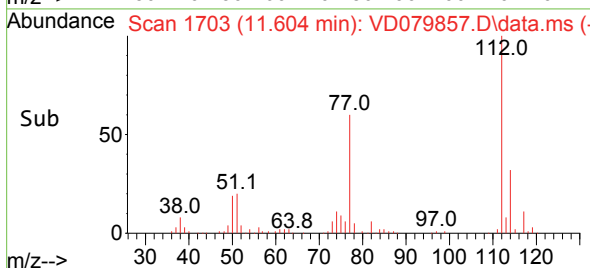
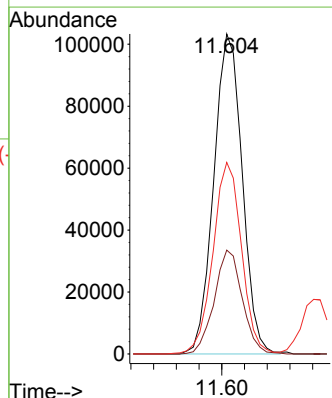
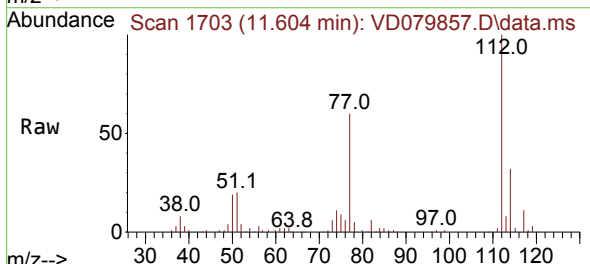
Instrument :
MSVOA_D
ClientSampleId :

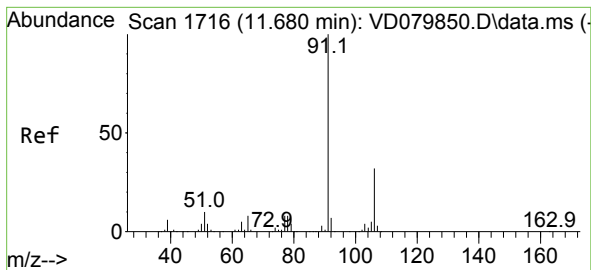
Tgt Ion:107 Resp: 44764
Ion Ratio Lower Upper
107 100
109 86.0 61.5 114.1
188 3.3 2.3 3.5



#51
Chlorobenzene
Concen: 22.527 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion:112 Resp: 179629
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 59.8 46.7 70.1

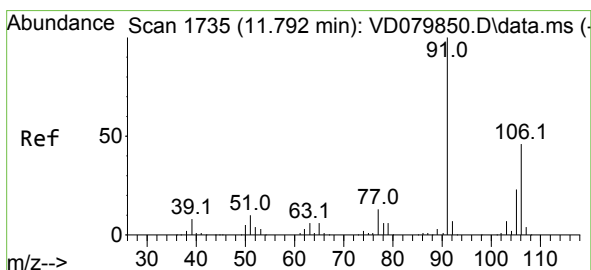
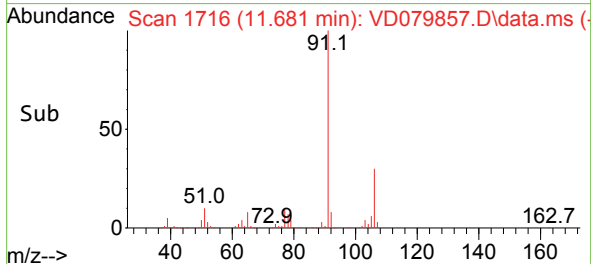
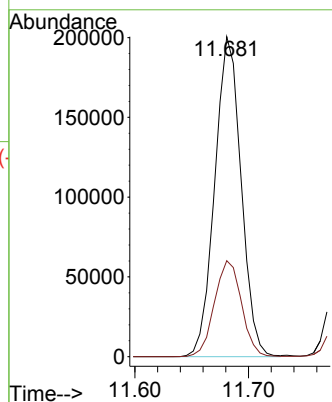
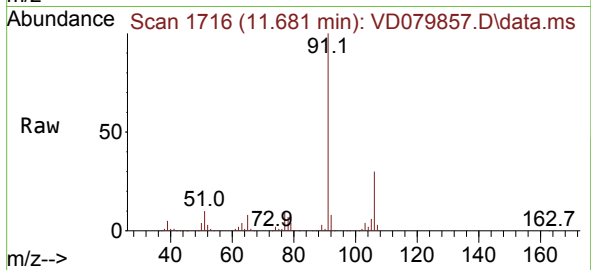




#52
Ethylbenzene
Concen: 23.127 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

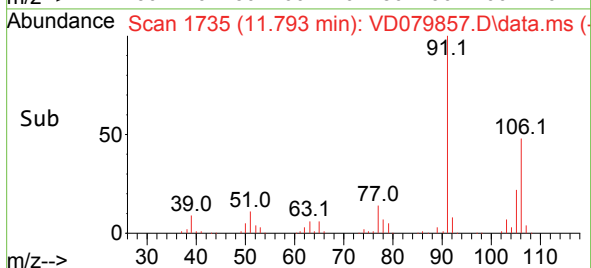
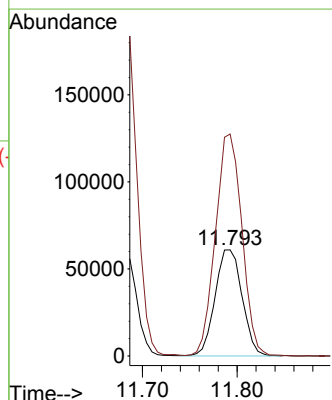
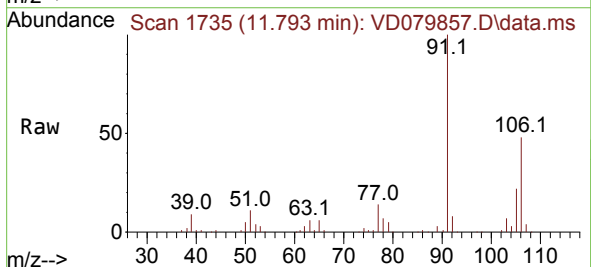
Instrument :
MSVOA_D
ClientSampleId :

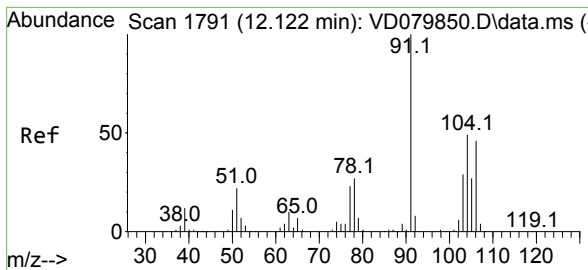
Tgt Ion: 91 Resp: 322807
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 22.879 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion:106 Resp: 120960
Ion Ratio Lower Upper
106 100
91 209.3 138.3 256.9

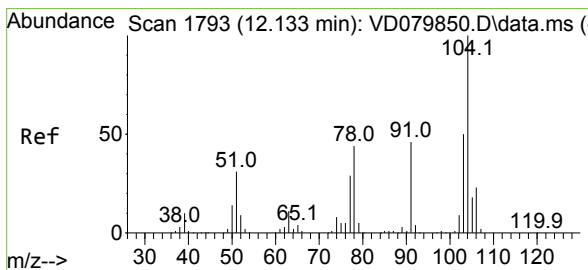
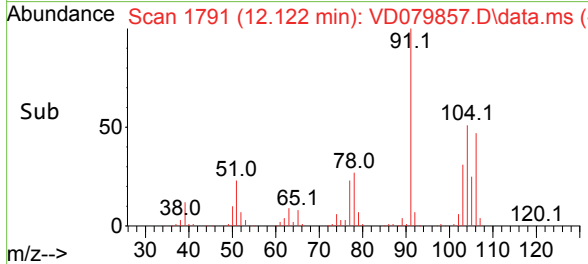
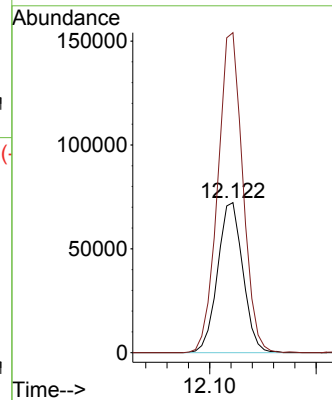
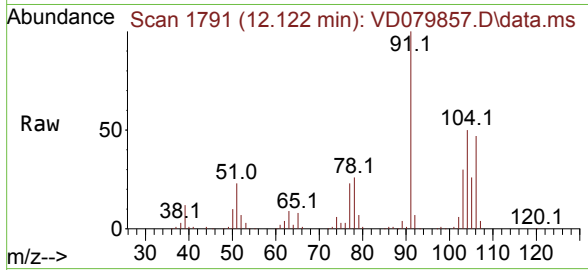




#54
o-Xylene
Concen: 22.955 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

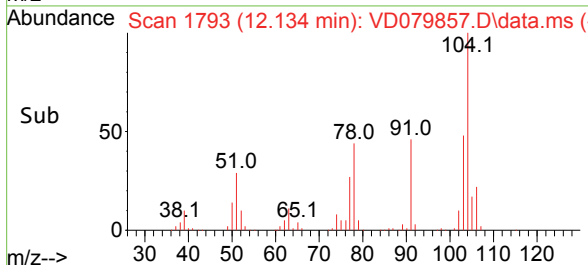
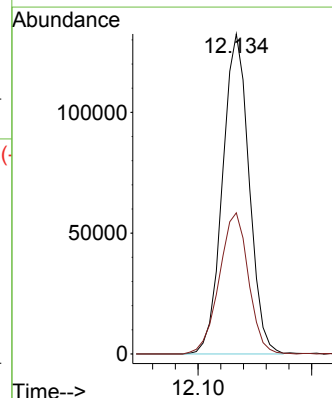
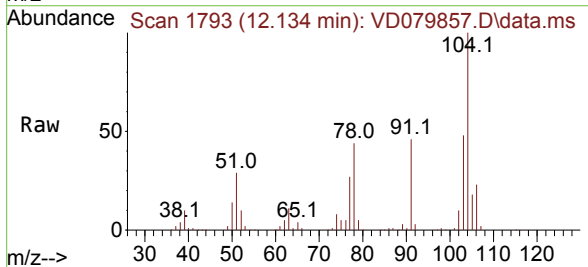
Instrument :
MSVOA_D
ClientSampleId :

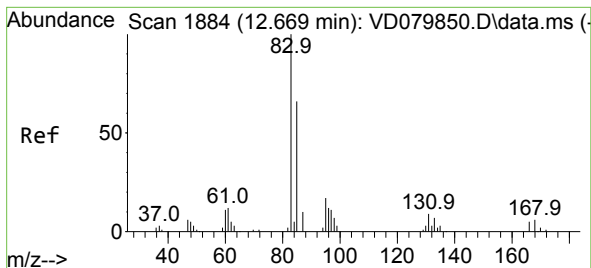
Tgt Ion:106 Resp: 118994
Ion Ratio Lower Upper
106 100
91 213.2 152.6 283.4



#55
Styrene
Concen: 23.584 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

Tgt Ion:104 Resp: 214863
Ion Ratio Lower Upper
104 100
78 44.1 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 23.215 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079857.D

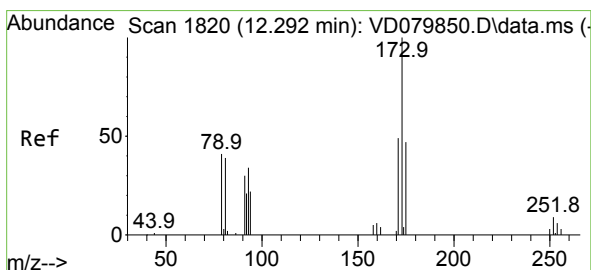
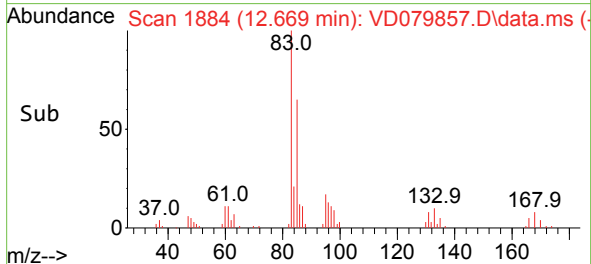
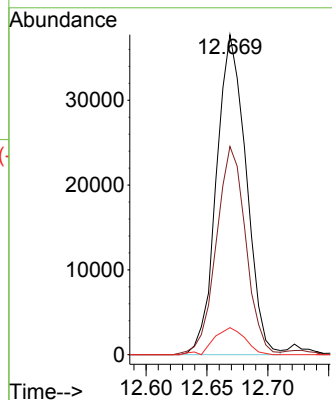
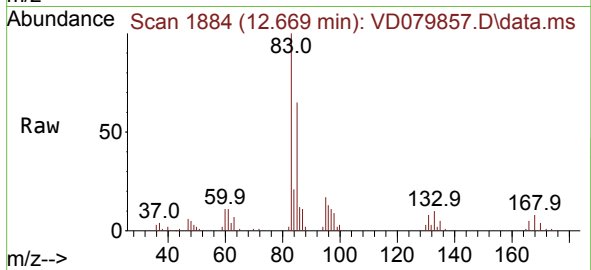
Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	63957
Ion Ratio	Lower	Upper	
83	100		
85	65.1	46.8	87.0
131	8.5	6.5	9.7



#59

Bromoform

Concen: 21.626 ug/L

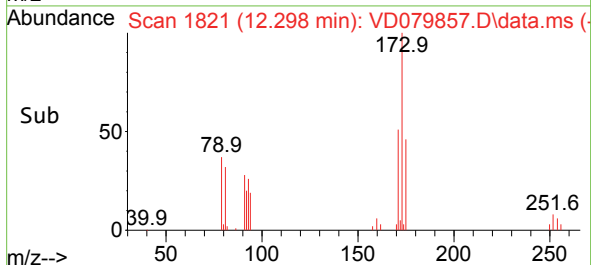
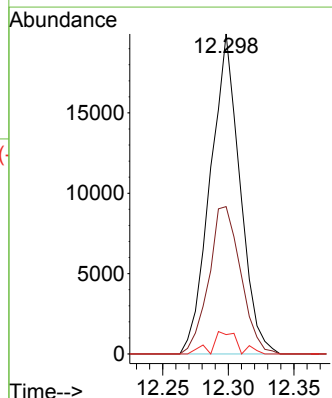
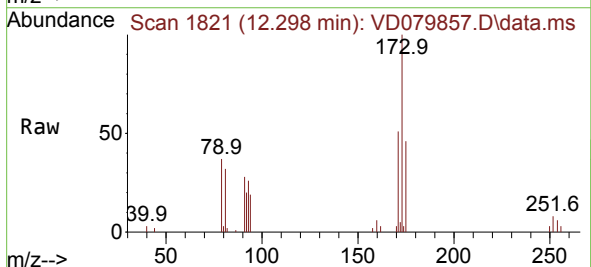
RT: 12.298 min Scan# 1821

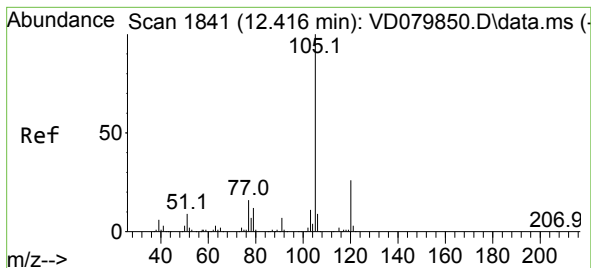
Delta R.T. 0.006 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Tgt Ion:	173	Resp:	31333
Ion Ratio	Lower	Upper	
173	100		
175	49.5	39.2	58.8
254	4.4	5.5	8.3





#60

Isopropylbenzene

Concen: 21.767 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

ClientSampleId :

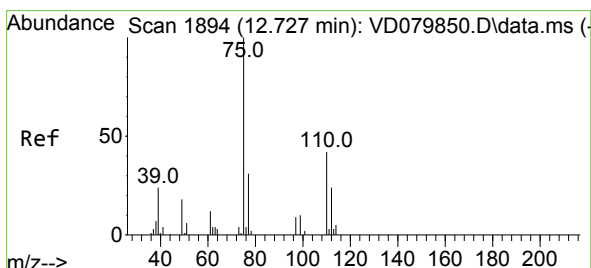
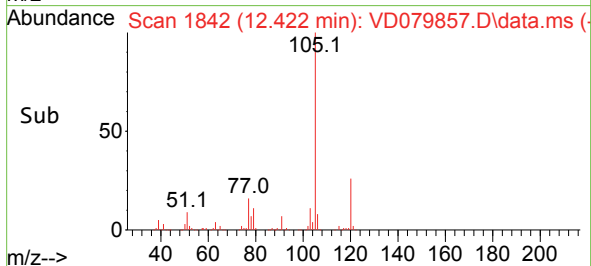
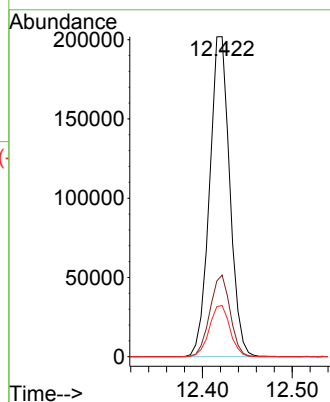
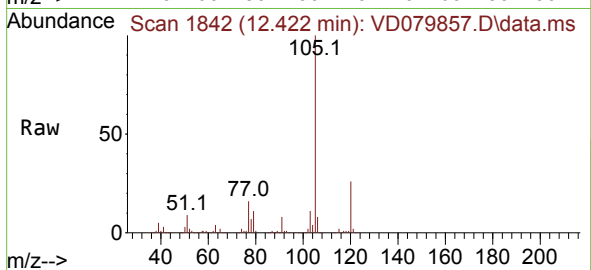
Tgt Ion:105 Resp: 315407

Ion Ratio Lower Upper

105 100

120 25.5 20.9 31.3

77 16.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 21.062 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

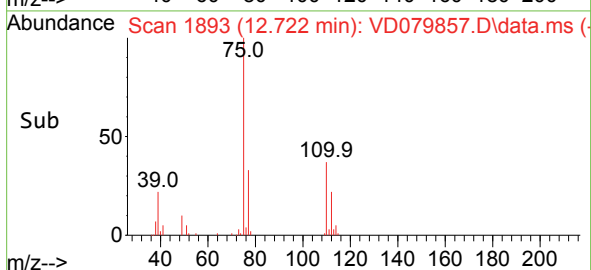
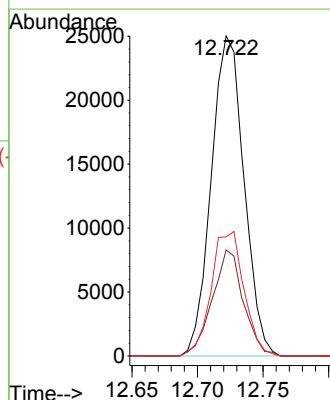
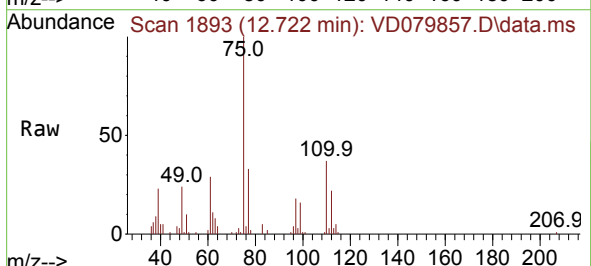
Tgt Ion: 75 Resp: 43452

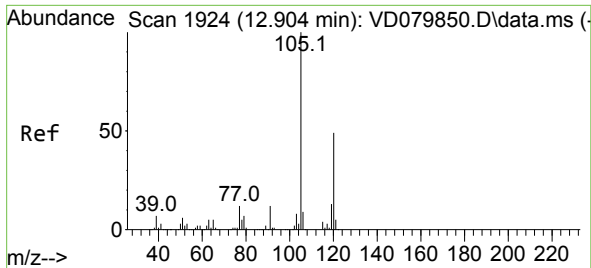
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

110 39.0 30.1 45.1

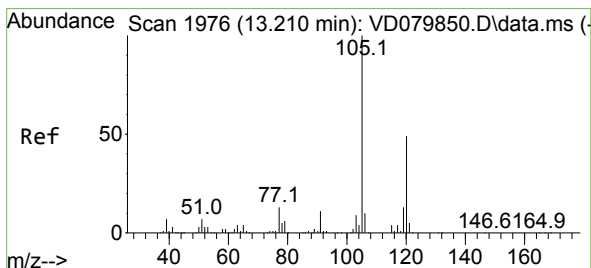
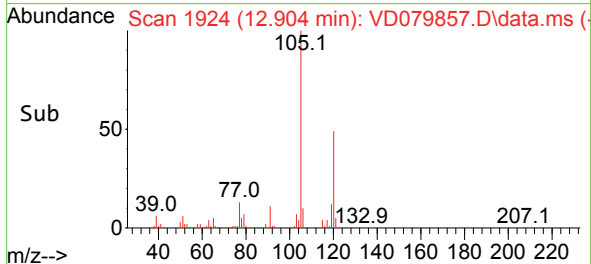
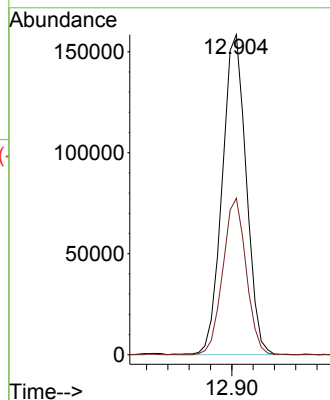
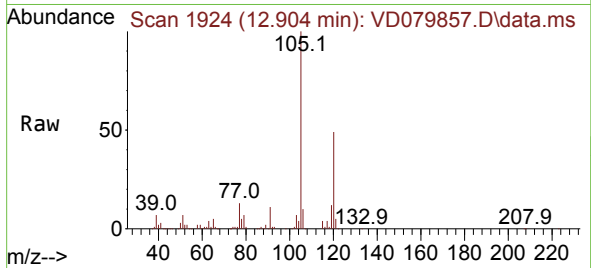




#62
1,3,5-Trimethylbenzene
Concen: 23.348 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

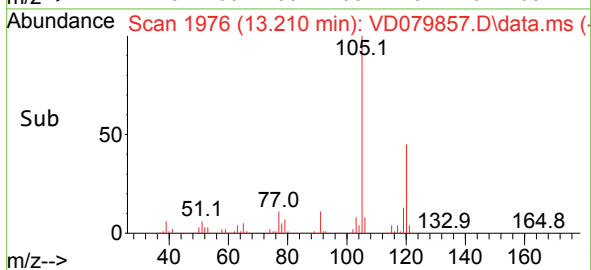
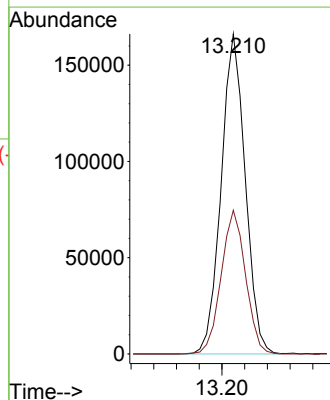
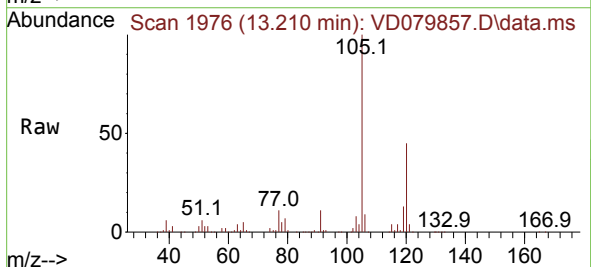
Instrument :
MSVOA_D
ClientSampleId :

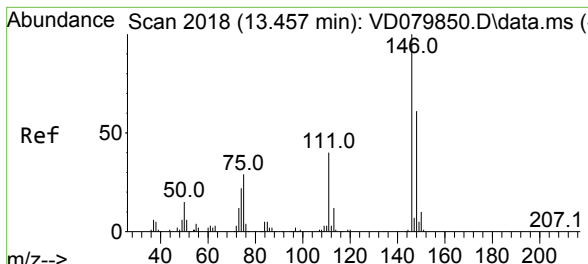
Tgt Ion:105 Resp: 247429
Ion Ratio Lower Upper
105 100
120 47.6 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 22.017 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

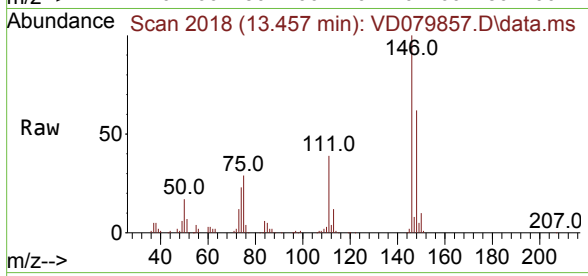
Tgt Ion:105 Resp: 244681
Ion Ratio Lower Upper
105 100
120 45.4 36.3 54.5



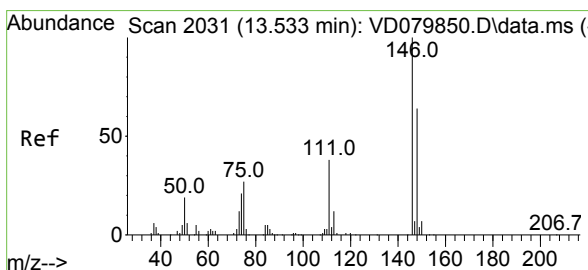
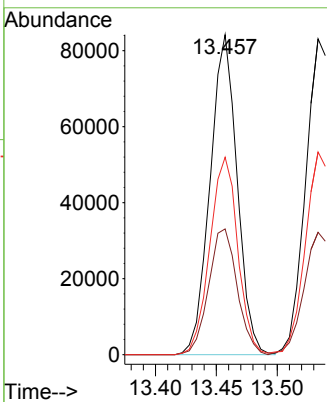
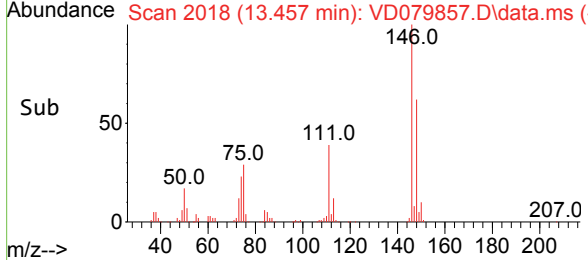


#64
 1,3-Dichlorobenzene
 Concen: 21.771 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20

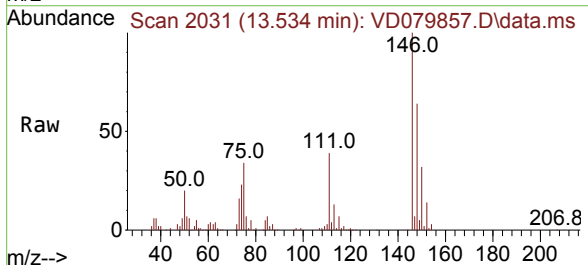
Instrument :
 MSVOA_D
 ClientSampleId :



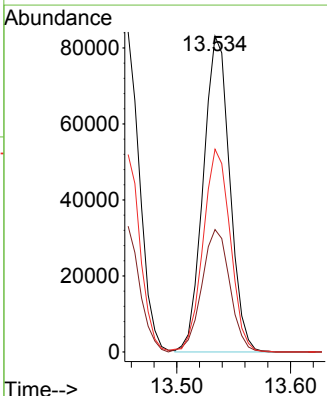
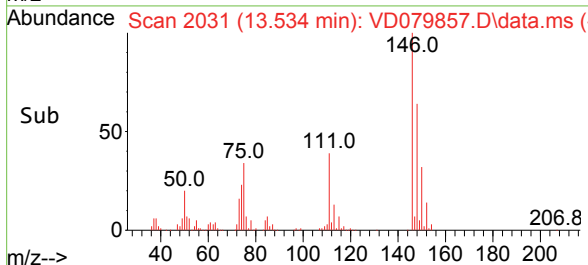
Tgt Ion:	146	Resp:	130372
Ion Ratio	Lower	Upper	
146	100		
111	39.3	27.4	50.8
148	61.7	45.6	84.8

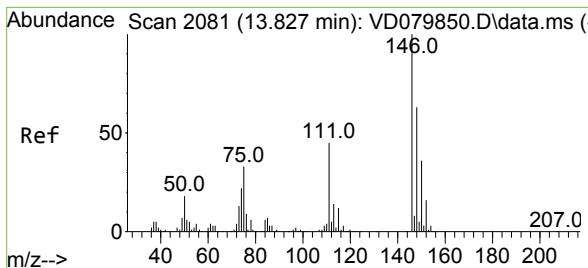


#65
 1,4-Dichlorobenzene
 Concen: 21.430 ug/L
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20



Tgt Ion:	146	Resp:	134604
Ion Ratio	Lower	Upper	
146	100		
111	38.8	27.6	51.4
148	64.2	46.1	85.7





#67

1,2-Dichlorobenzene

Concen: 22.420 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

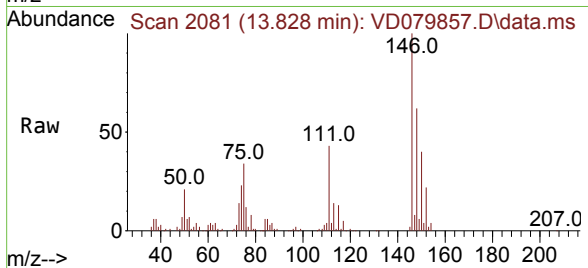
Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

Instrument :

MSVOA_D

ClientSampleId :



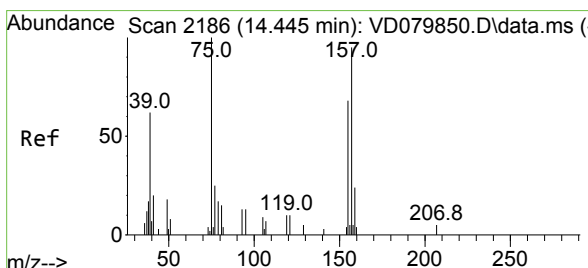
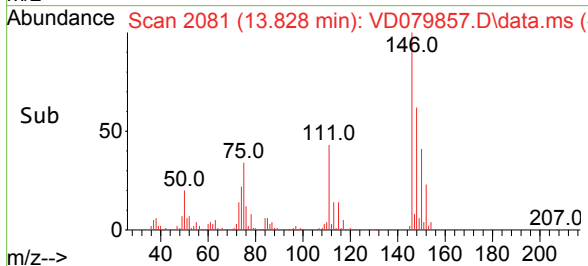
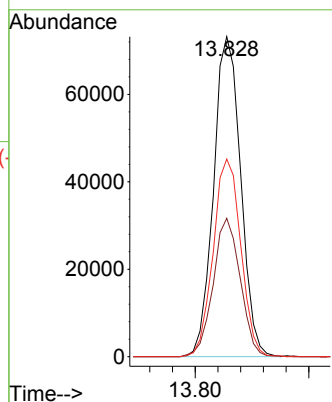
Tgt Ion:146 Resp: 121346

Ion Ratio Lower Upper

146 100

111 43.3 36.9 55.3

148 61.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.217 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079857.D

Acq: 18 Sep 2024 10:20

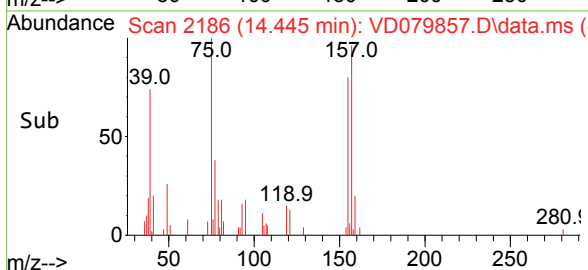
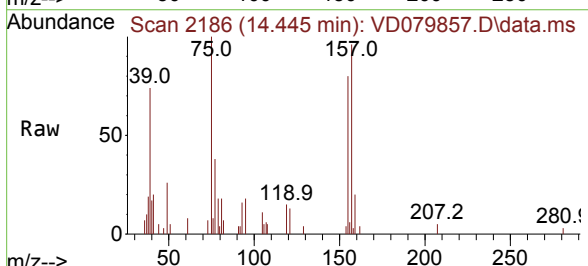
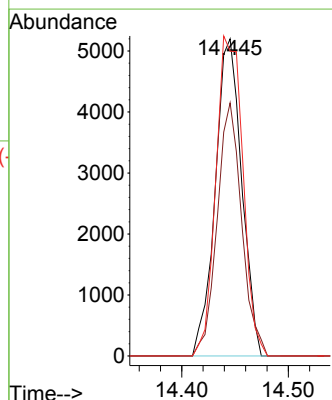
Tgt Ion: 75 Resp: 8956

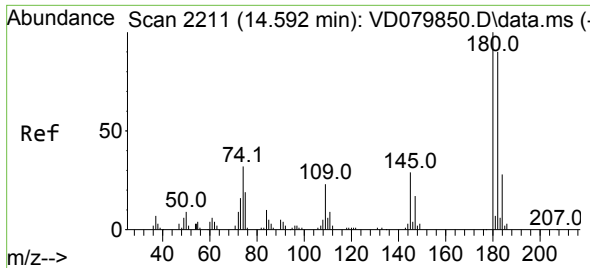
Ion Ratio Lower Upper

75 100

155 79.8 57.2 85.8

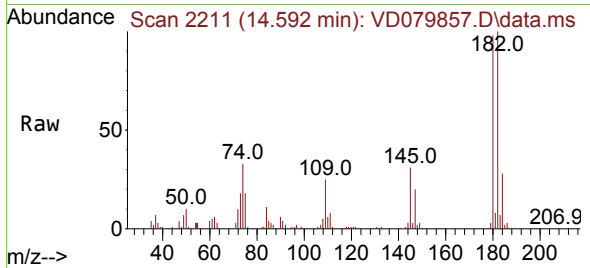
157 96.1 59.7 89.5#



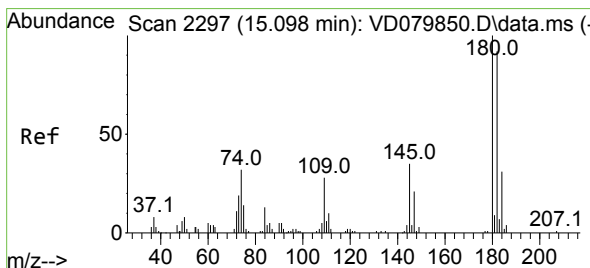
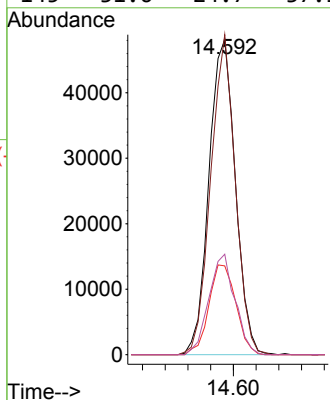
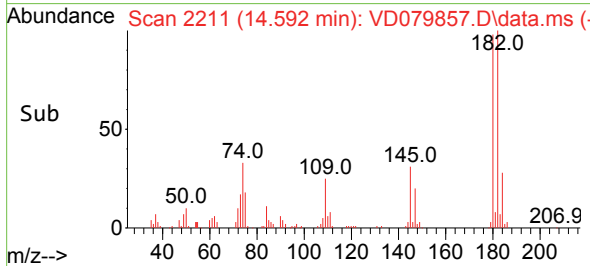


#69
 1,3,5-Trichlorobenzene
 Concen: 21.385 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20

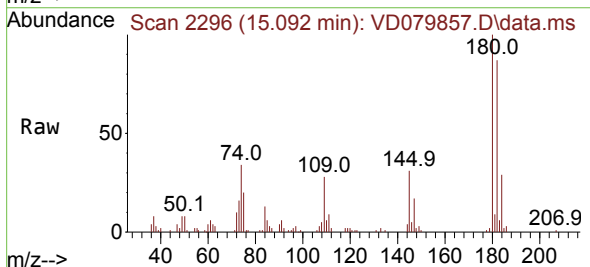
Instrument :
 MSVOA_D
 ClientSampleId :



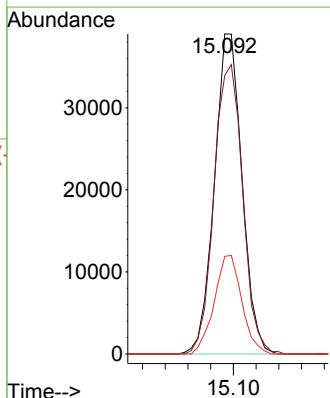
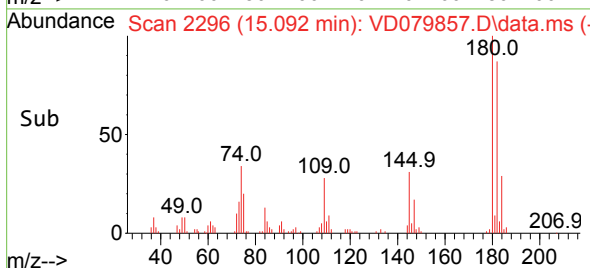
Tgt Ion:180 Resp: 77648
 Ion Ratio Lower Upper
 180 100
 182 94.2 72.6 109.0
 184 29.2 24.2 36.2
 145 31.6 24.7 37.1

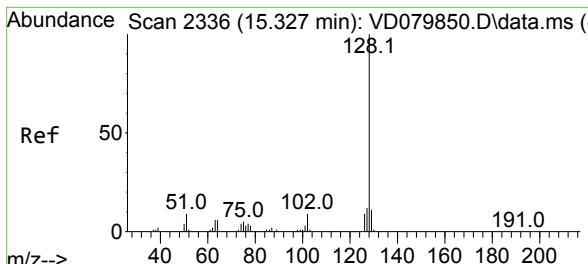


#70
 1,2,4-trichlorobenzene
 Concen: 21.547 ug/L
 RT: 15.092 min Scan# 2296
 Delta R.T. -0.006 min
 Lab File: VD079857.D
 Acq: 18 Sep 2024 10:20



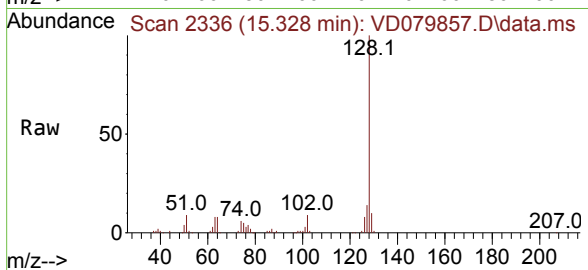
Tgt Ion:180 Resp: 65870
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.9 113.9
 145 30.7 26.6 40.0



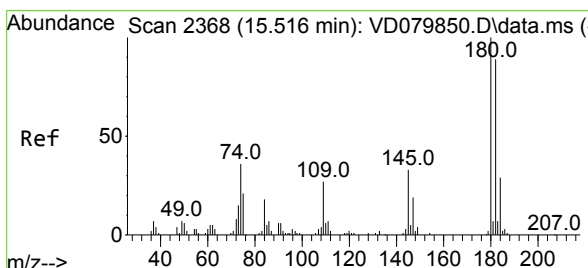
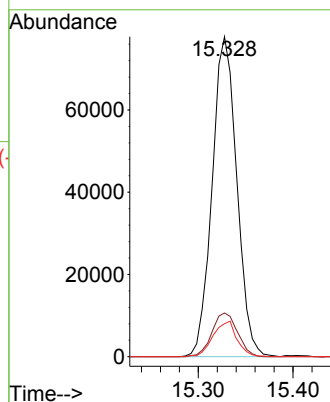
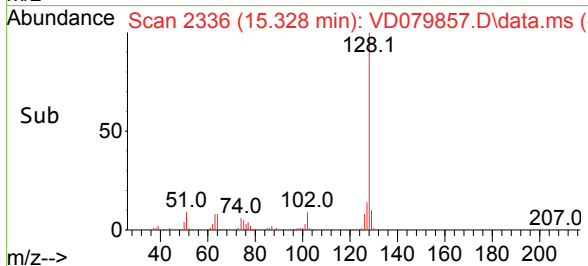


#71
Naphthalene
Concen: 20.606 ug/L
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20

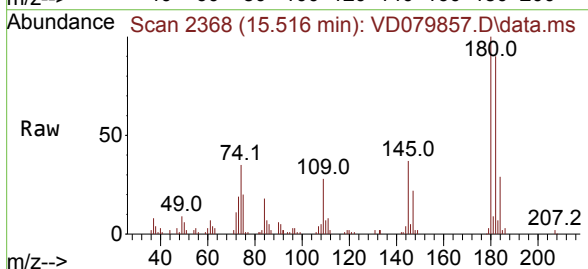
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	140701
Ion Ratio	Lower	Upper	
128	100		
127	14.2	11.2	16.8
129	10.7	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.562 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079857.D
Acq: 18 Sep 2024 10:20



Tgt Ion:	180	Resp:	61696
Ion Ratio	Lower	Upper	
180	100		
182	91.0	74.1	111.1
145	33.5	26.4	39.6

