

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091624\
 Data File : VD079840.D
 Acq On : 16 Sep 2024 11:21
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 17 04:20:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 23:49:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	154807	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	153993	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	75551	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	140180	20.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.280%
7) Chloroethane-d5	2.805	69	118147	22.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
11) 1,1-Dichloroethene-d2	3.922	65	26418	21.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.480%
21) 2-Butanone-d5	6.981	46	28061	44.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.740%
24) Chloroform-d	7.563	84	126805	24.919	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.228	65	67501	25.367	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.480%
32) Benzene-d6	8.199	84	269612	24.799	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	9.210	67	84334	25.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	10.269	98	255967	26.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.040%
43) trans-1,3-Dichloroprop...	10.522	79	35398	24.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.920%
47) 2-Hexanone-d5	10.875	63	27487	50.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.280%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	63199	25.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.320%
66) 1,2-Dichlorobenzene-d4	13.810	152	71333	25.036	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	59940	20.306	ug/L	96
3) Chloromethane	2.146	50	104978	20.287	ug/L	97
5) Vinyl chloride	2.287	62	132194	20.848	ug/L	99
6) Bromomethane	2.693	94	79226	24.814	ug/L	100
8) Chloroethane	2.840	64	90900	21.698	ug/L	99
9) Trichlorofluoromethane	3.175	101	100280	21.995	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	56697	22.467	ug/L	98
12) 1,1-Dichloroethene	3.940	96	51574	21.942	ug/L	93
13) Acetone	4.016	43	31839	41.755	ug/L	78
14) Carbon disulfide	4.269	76	160859	21.039	ug/L	98
15) Methyl Acetate	4.564	43	28173	23.195	ug/L	95
16) Methylene chloride	4.805	84	66065	21.598	ug/L	89
17) trans-1,2-Dichloroethene	5.316	96	58359	23.286	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	130935	23.224	ug/L #	81
19) 1,1-Dichloroethane	6.111	63	117439	23.591	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	66130	23.965	ug/L	97
22) 2-Butanone	7.081	43	38319	42.840	ug/L	97
23) Bromochloromethane	7.434	128	28533	24.362	ug/L	94
25) Chloroform	7.599	83	128925	24.879	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 23:49:48 2024
 Response via : Initial Calibration

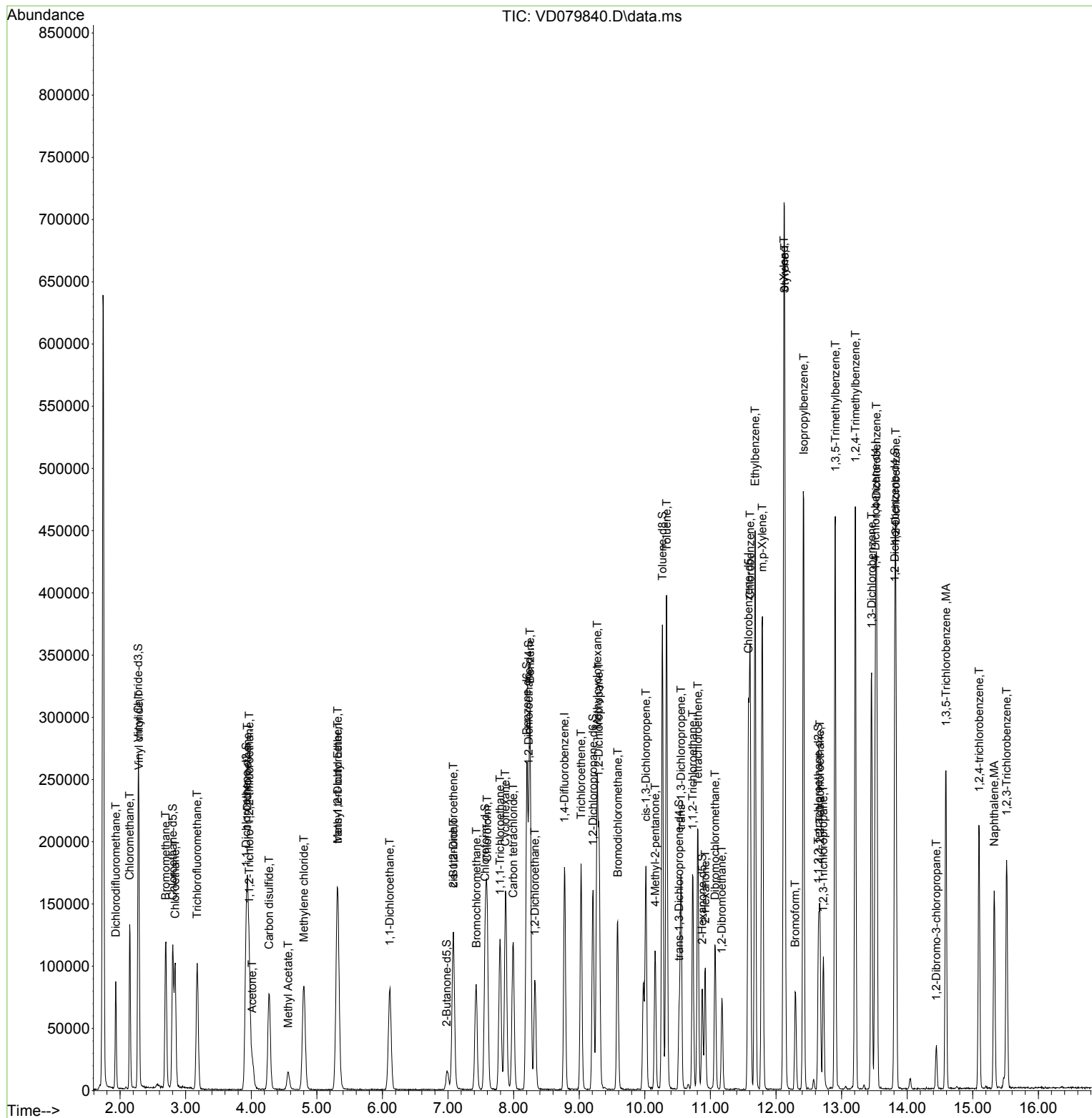
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	77081	24.337	ug/L	97
29) Cyclohexane	7.875	56	85262	22.384	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	99174	23.626	ug/L	100
31) Carbon tetrachloride	7.993	117	90467	24.325	ug/L	99
33) Benzene	8.252	78	273591	23.860	ug/L	100
34) Trichloroethene	9.028	95	63549	23.985	ug/L	95
35) Methylcyclohexane	9.275	83	95586	22.355	ug/L	98
37) 1,2-Dichloropropane	9.299	63	76888	24.587	ug/L #	100
38) Bromodichloromethane	9.587	83	90488	24.834	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	110453	25.153	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	77736	47.488	ug/L	100
42) Toluene	10.334	91	305205	25.269	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	97515	25.198	ug/L	96
45) 1,1,2-Trichloroethane	10.728	97	53989	25.270	ug/L	92
46) Tetrachloroethene	10.810	164	44675	24.836	ug/L	95
48) 2-Hexanone	10.922	43	62263	46.761	ug/L	97
49) Dibromochloromethane	11.069	129	58509	25.090	ug/L	97
50) 1,2-Dibromoethane	11.175	107	45901	24.874	ug/L	93
51) Chlorobenzene	11.604	112	182707	25.206	ug/L	97
52) Ethylbenzene	11.681	91	324070	25.541	ug/L	100
53) m,p-Xylene	11.793	106	123339	25.664	ug/L	96
54) o-Xylene	12.122	106	119957	25.457	ug/L	93
55) Styrene	12.134	104	222370	26.851	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	63088	25.192	ug/L #	93
59) Bromoform	12.293	173	32784	25.137	ug/L	99
60) Isopropylbenzene	12.422	105	318227	24.397	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	43112	23.215	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	243175	25.491	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	243817	24.372	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	133283	24.726	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	137993	24.406	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	118274	24.276	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	8973	23.615	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.592	180	76210	23.317	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	60732	22.069	ug/L	96
71) Naphthalene	15.328	128	140142	22.801	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	57502	23.360	ug/L	99

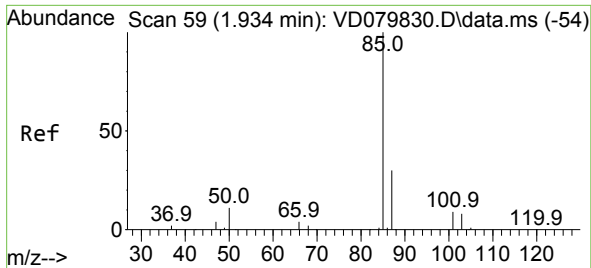
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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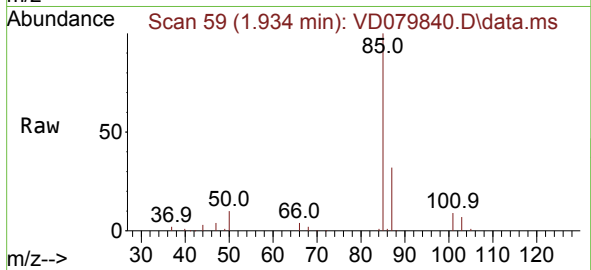
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Quant Title : SFAM01.0
QLast Update : Fri Sep 13 23:49:48 2024
Response via : Initial Calibration



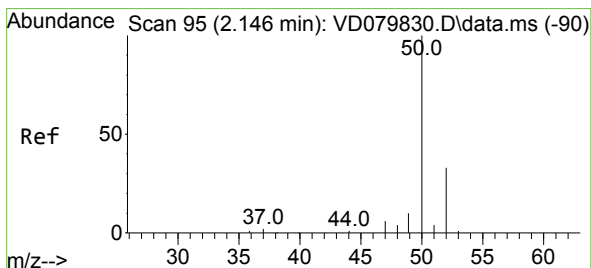
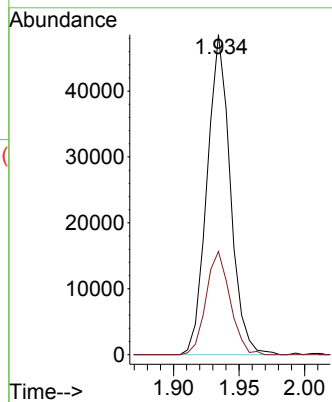
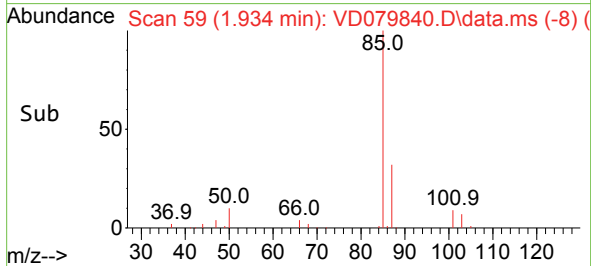


#2
 Dichlorodifluoromethane
 Concen: 20.306 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21

Instrument :
 MSVOA_D
 ClientSampleId :

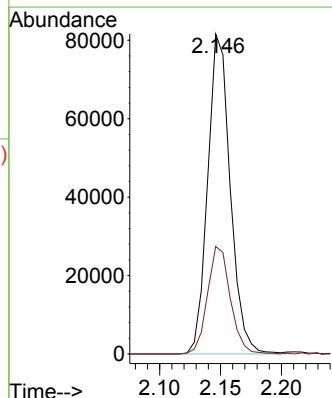
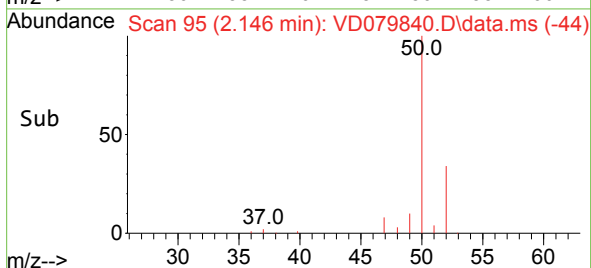
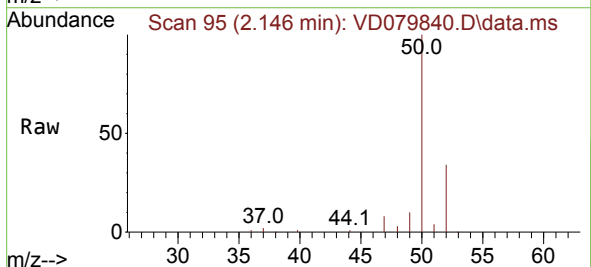


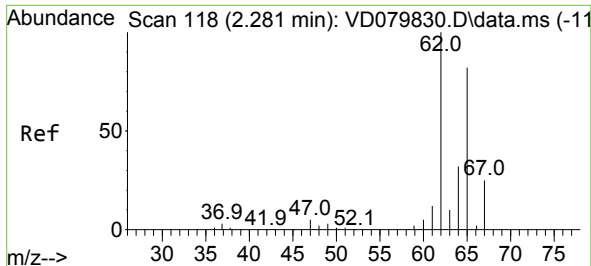
Tgt Ion: 85 Resp: 59940
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.0 37.6



#3
 Chloromethane
 Concen: 20.287 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21

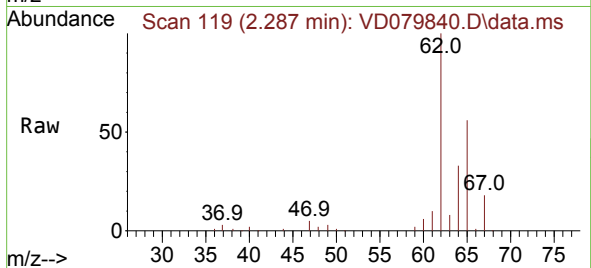
Tgt Ion: 50 Resp: 104978
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.4 41.6



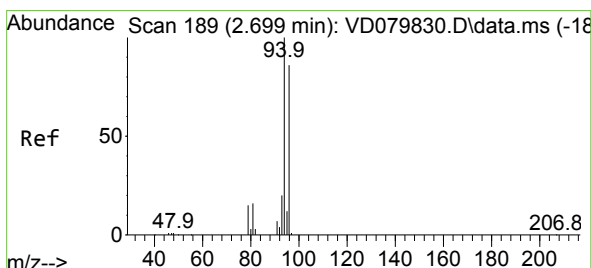
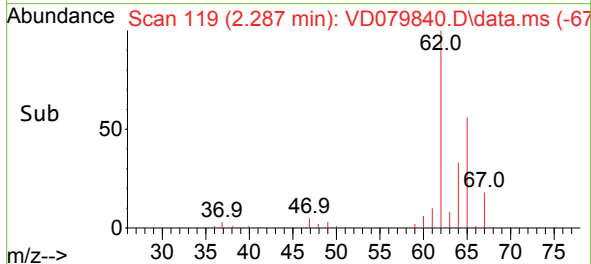
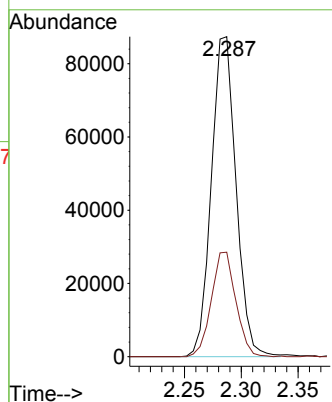


#5
 Vinyl chloride
 Concen: 20.848 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21

Instrument :
 MSVOA_D
 ClientSampleId :

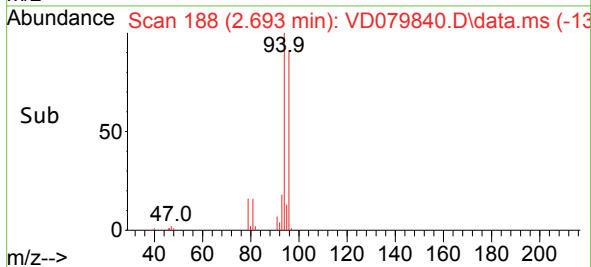
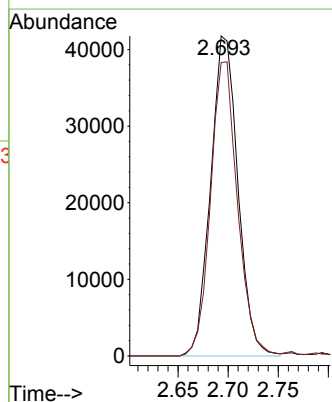
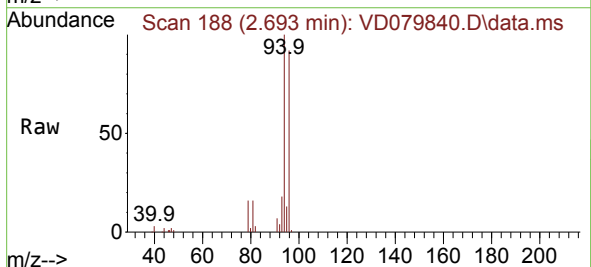


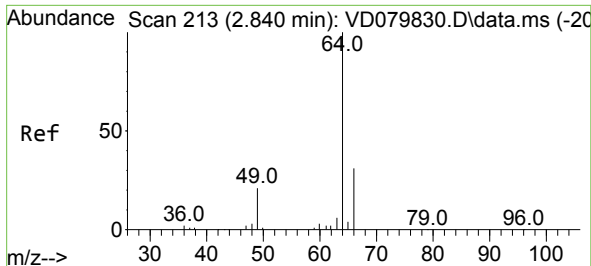
Tgt Ion: 62 Resp: 132194
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.6 42.0



#6
 Bromomethane
 Concen: 24.814 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21

Tgt Ion: 94 Resp: 79226
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.3 119.5

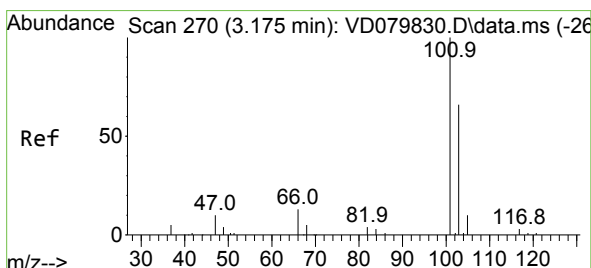
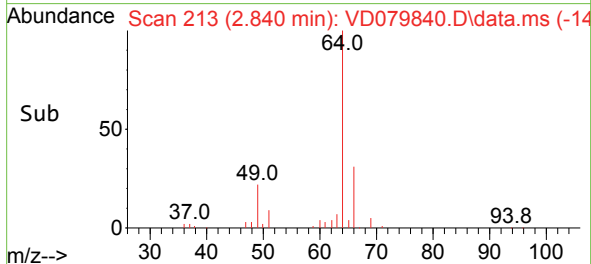
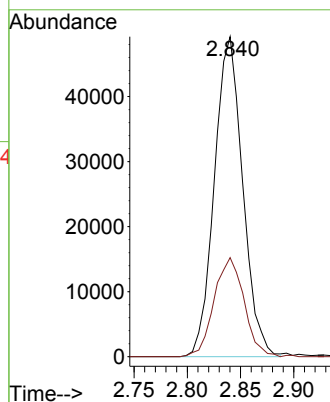
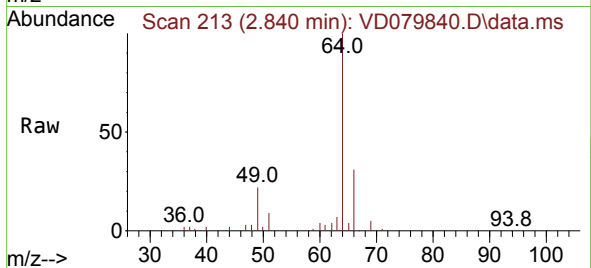




#8
Chloroethane
Concen: 21.698 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

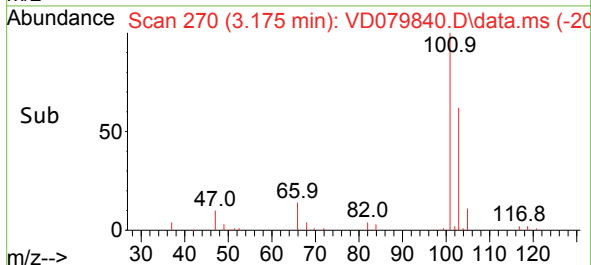
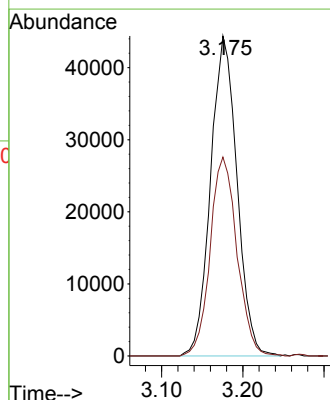
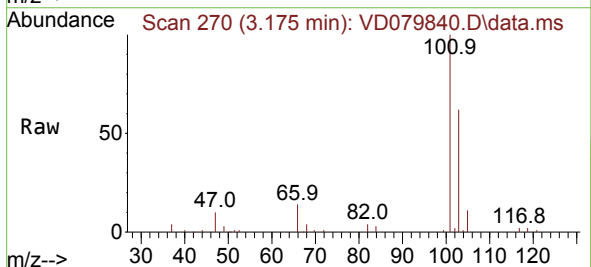
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MSVOA_D
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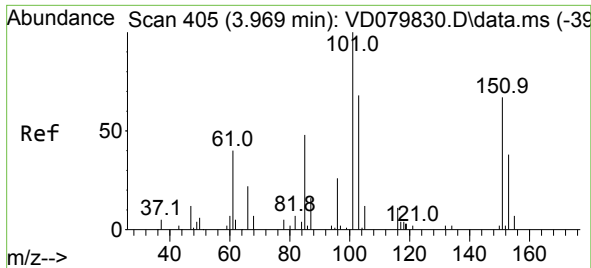
Tgt Ion: 64 Resp: 90900
Ion Ratio Lower Upper
64 100
66 30.9 21.3 39.6



#9
Trichlorofluoromethane
Concen: 21.995 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion:101 Resp: 100280
Ion Ratio Lower Upper
101 100
103 63.1 50.5 75.7

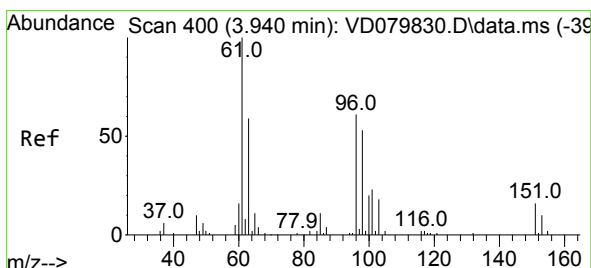
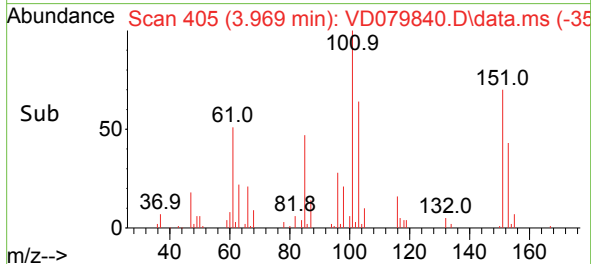
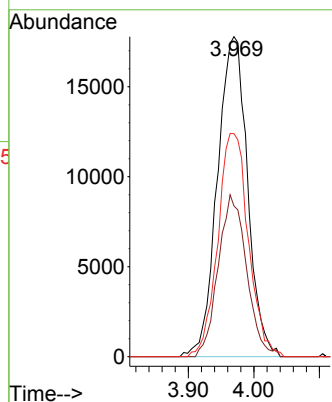
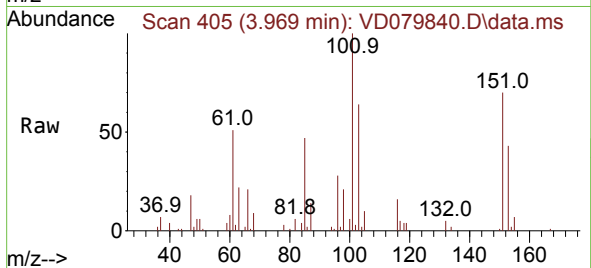




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.467 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21

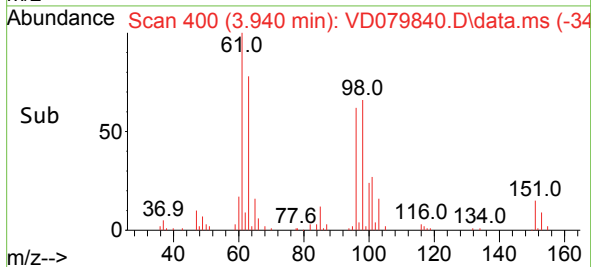
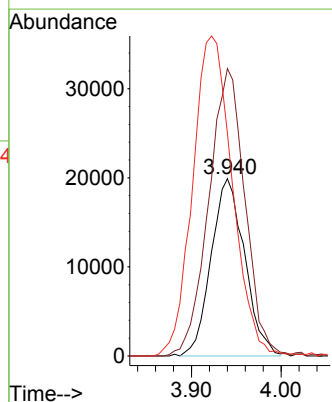
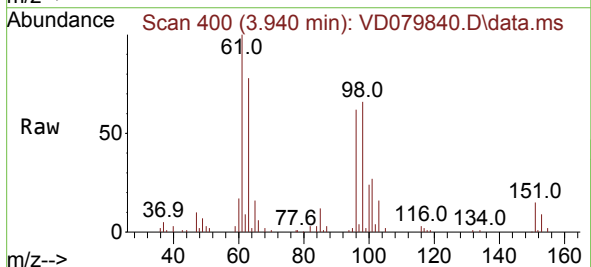
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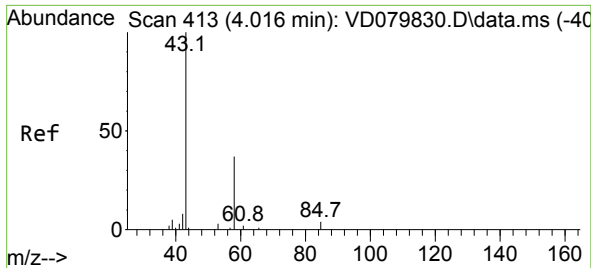
Tgt Ion:101	Resp:	56697
Ion Ratio	Lower	Upper
101	100	
85	47.3	37.8 56.8
151	70.7	54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 21.942 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD079840.D
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Tgt Ion: 96	Resp:	51574
Ion Ratio	Lower	Upper
96	100	
61	162.1	119.8 222.4
63	125.9	93.9 174.3

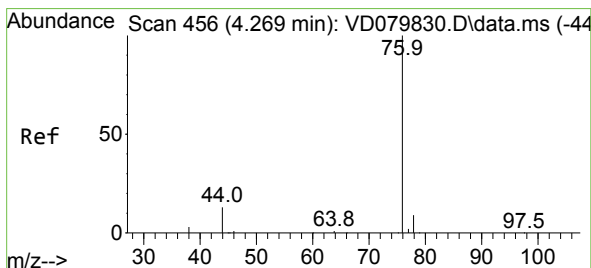
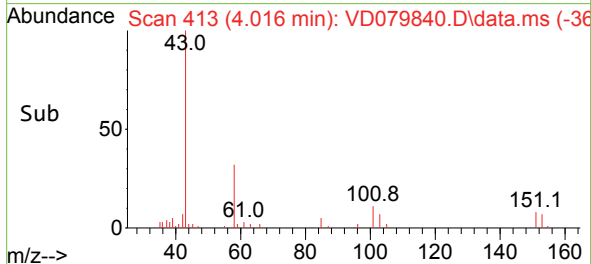
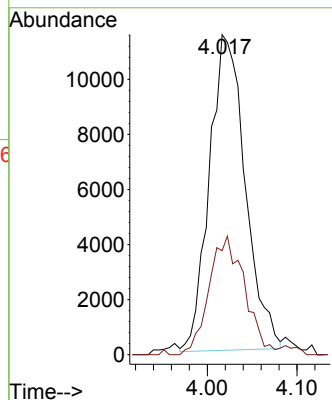
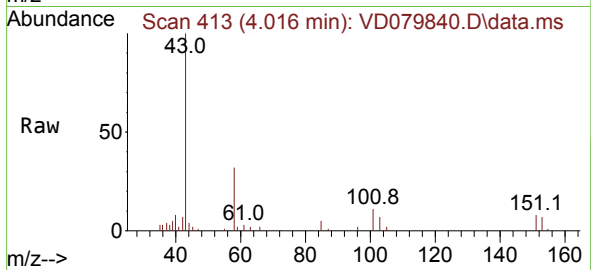




#13
Acetone
Concen: 41.755 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

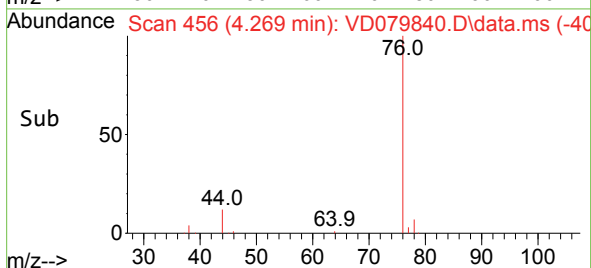
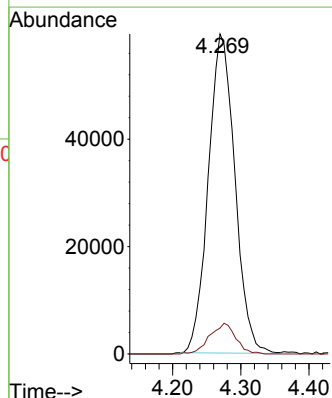
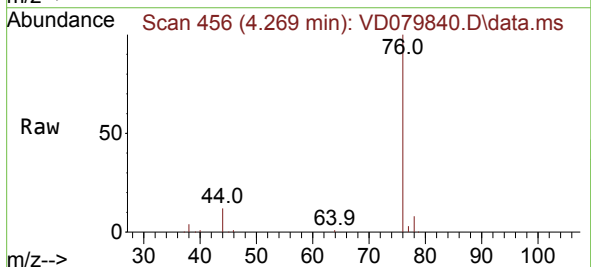
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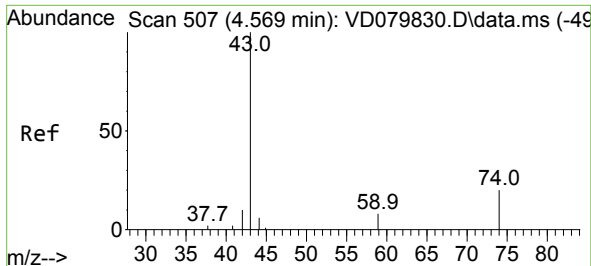
Tgt Ion: 43 Resp: 31839
Ion Ratio Lower Upper
43 100
58 24.8 0.0 75.8



#14
Carbon disulfide
Concen: 21.039 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD079840.D
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Tgt Ion: 76 Resp: 160859
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

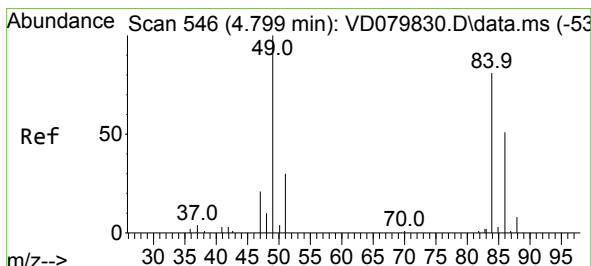
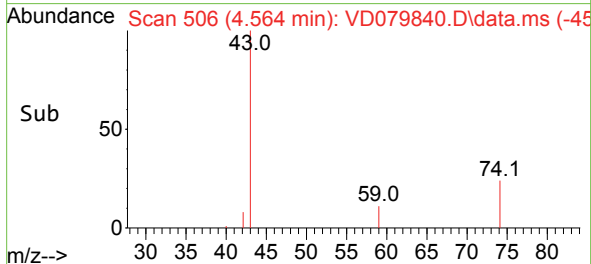
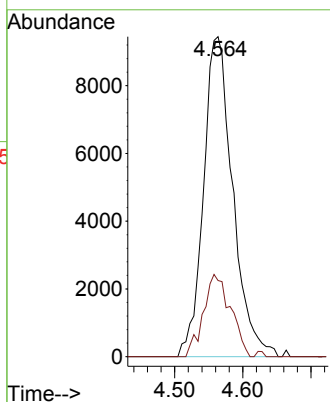
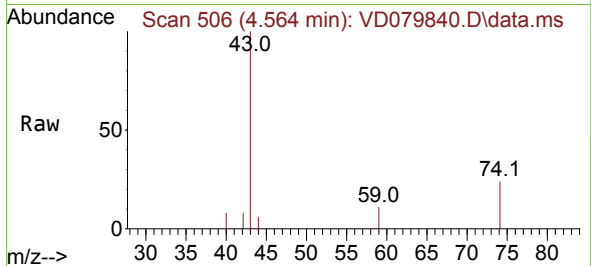




#15
Methyl Acetate
Concen: 23.195 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

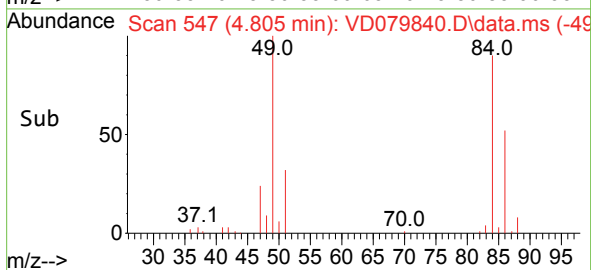
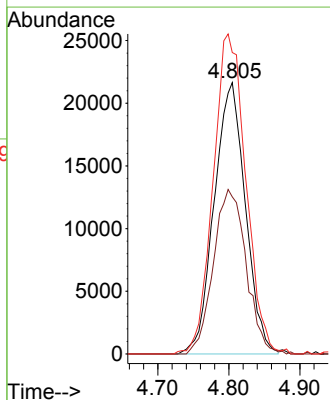
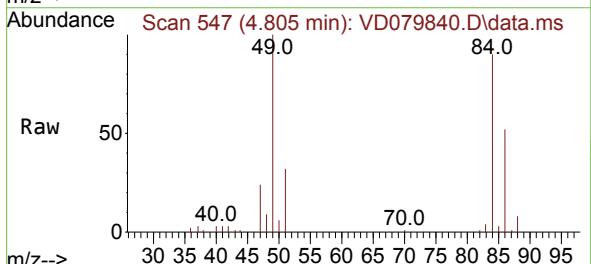
Instrument :
MSVOA_D
ClientSampleId :

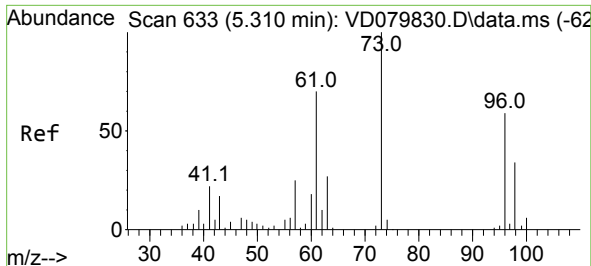
Tgt Ion: 43 Resp: 28173
Ion Ratio Lower Upper
43 100
74 12.7 11.9 17.9



#16
Methylene chloride
Concen: 21.598 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion: 84 Resp: 66065
Ion Ratio Lower Upper
84 100
86 57.9 41.0 76.2
49 111.1 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 23.286 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

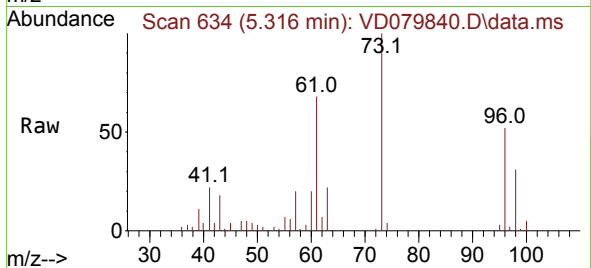
Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :



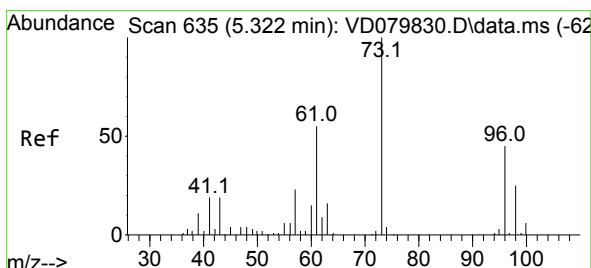
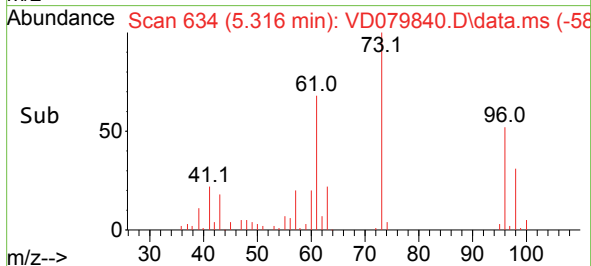
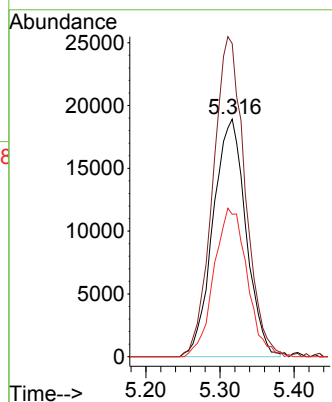
Tgt Ion: 96 Resp: 58359

Ion Ratio Lower Upper

96 100

61 131.8 88.7 164.7

98 59.9 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 23.224 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

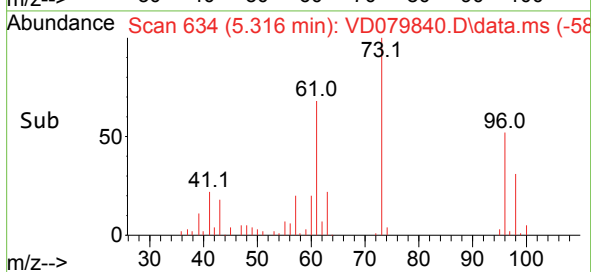
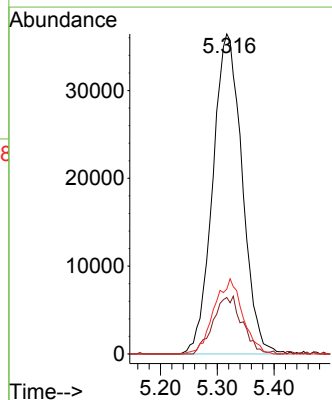
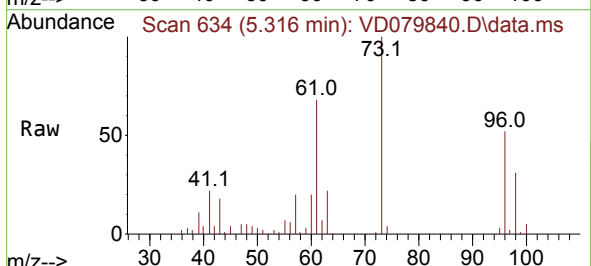
Tgt Ion: 73 Resp: 130935

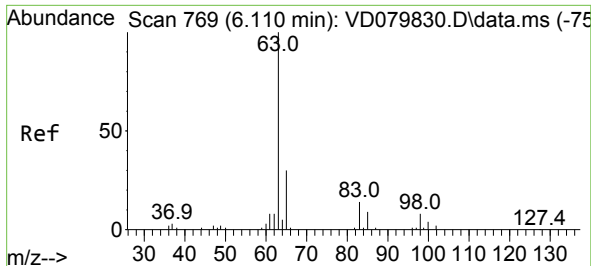
Ion Ratio Lower Upper

73 100

43 10.8 14.5 21.7#

57 13.5 18.8 28.2#





#19

1,1-Dichloroethane

Concen: 23.591 ug/L

RT: 6.111 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

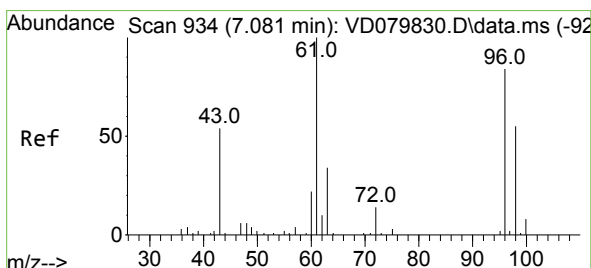
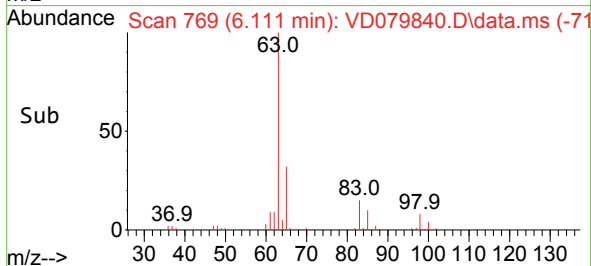
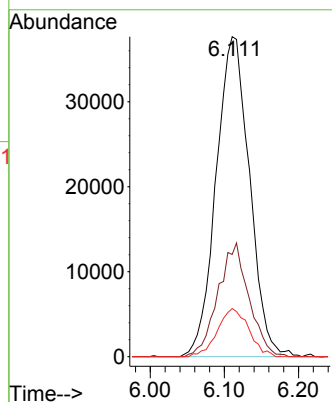
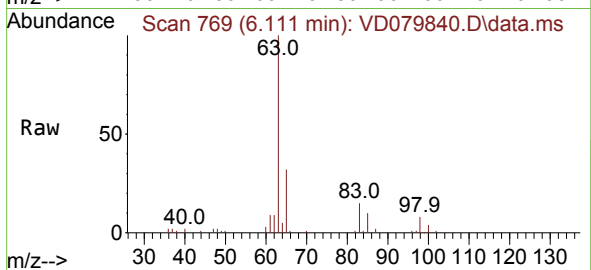
Tgt Ion: 63 Resp: 117439

Ion Ratio Lower Upper

63 100

65 31.9 22.6 42.0

83 15.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.965 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

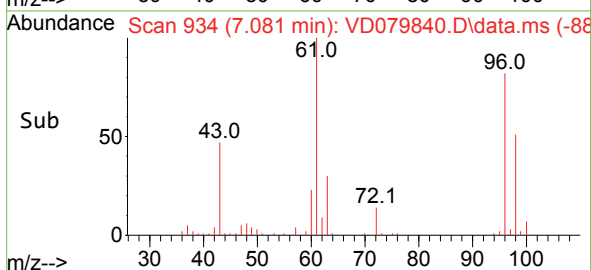
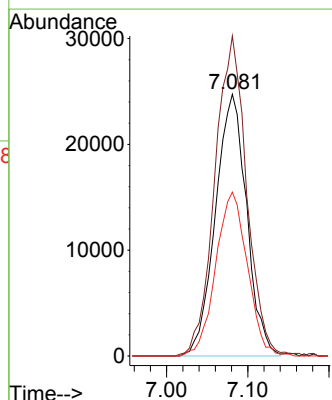
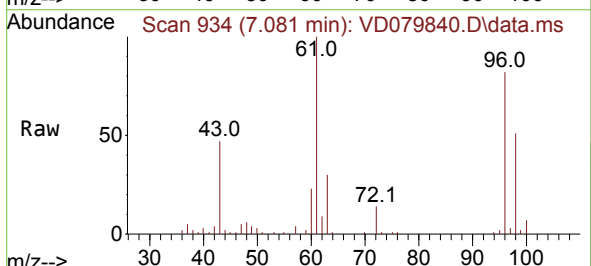
Tgt Ion: 96 Resp: 66130

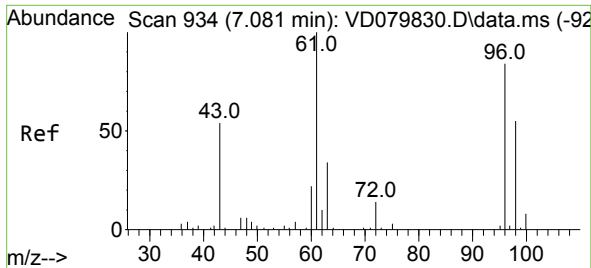
Ion Ratio Lower Upper

96 100

61 122.2 83.8 155.6

98 62.6 45.9 85.3

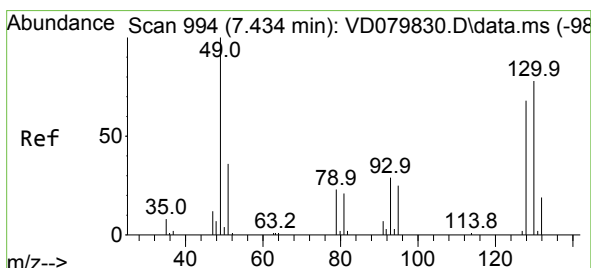
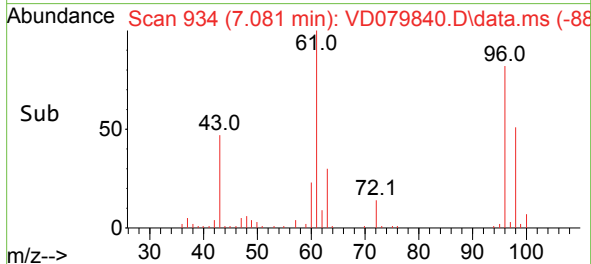
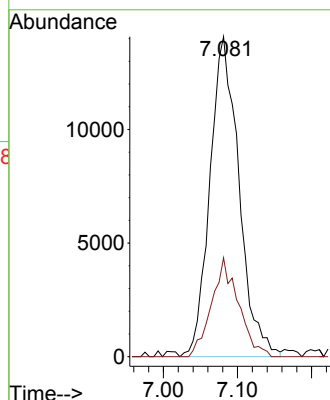
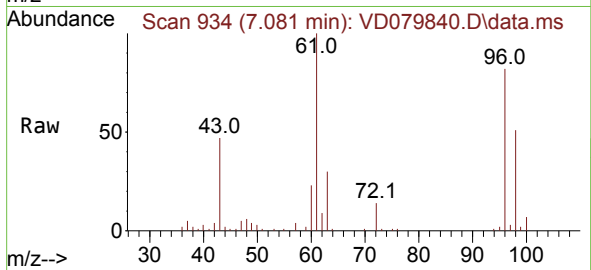




#22
2-Butanone
Concen: 42.840 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

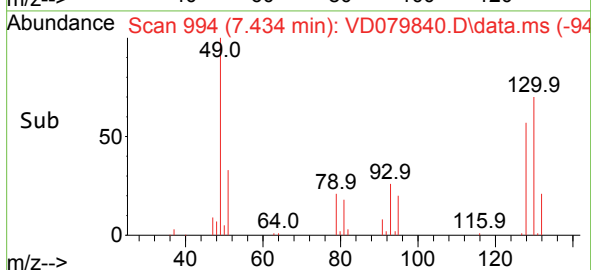
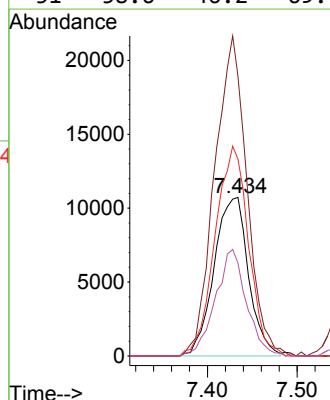
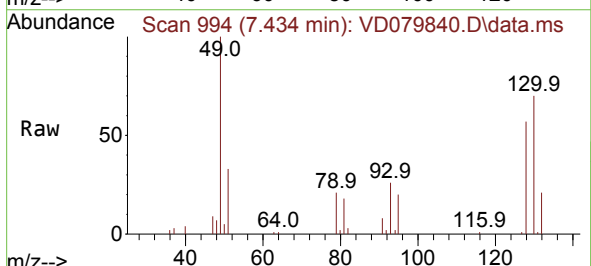
Instrument :
MSVOA_D
ClientSampleId :

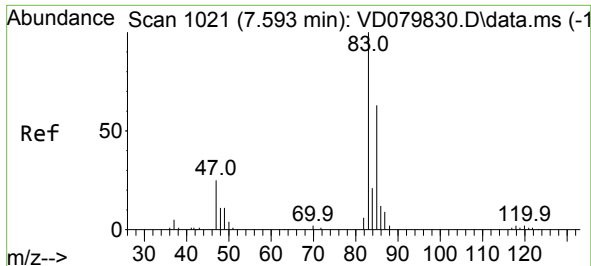
Tgt Ion: 43 Resp: 38319
Ion Ratio Lower Upper
43 100
72 27.7 13.1 39.3



#23
Bromochloromethane
Concen: 24.362 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion:128 Resp: 28533
Ion Ratio Lower Upper
128 100
49 176.5 132.3 245.7
130 124.1 89.4 166.0
51 58.6 46.2 69.4





#25

Chloroform

Concen: 24.879 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

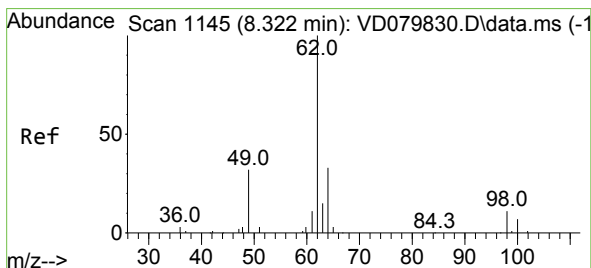
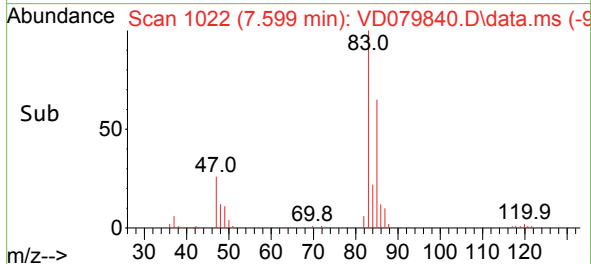
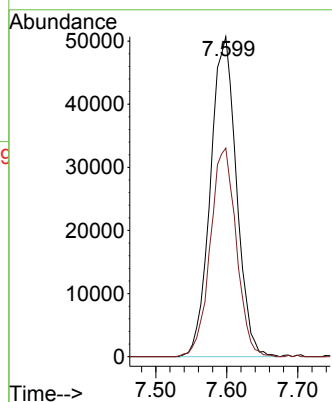
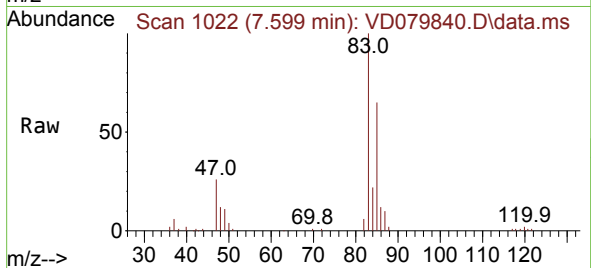
ClientSampleId :

Tgt Ion: 83 Resp: 128925

Ion Ratio Lower Upper

83 100

85 65.2 47.3 87.9



#27

1,2-Dichloroethane

Concen: 24.337 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD079840.D

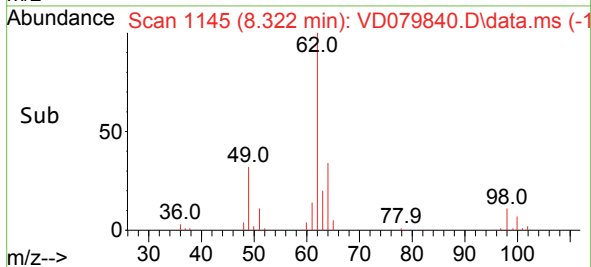
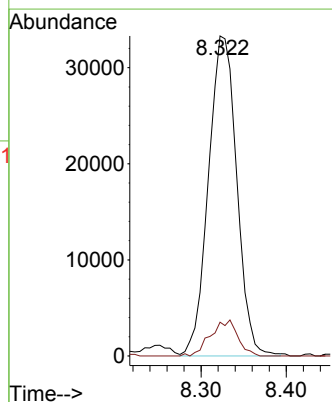
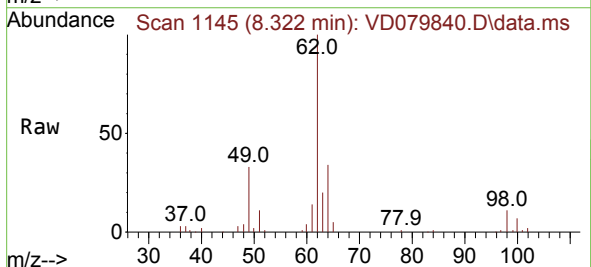
Acq: 16 Sep 2024 11:21

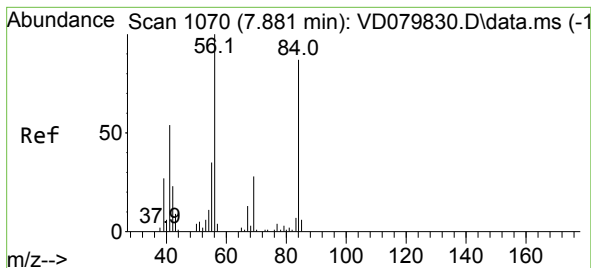
Tgt Ion: 62 Resp: 77081

Ion Ratio Lower Upper

62 100

98 10.6 7.5 11.3





#29

Cyclohexane

Concen: 22.384 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

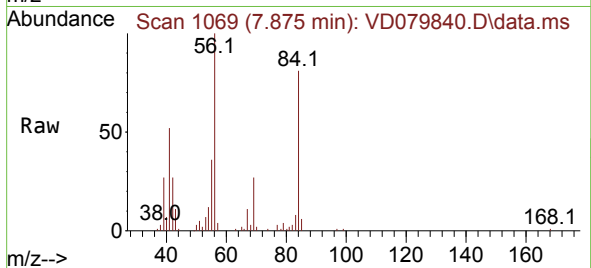
Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :



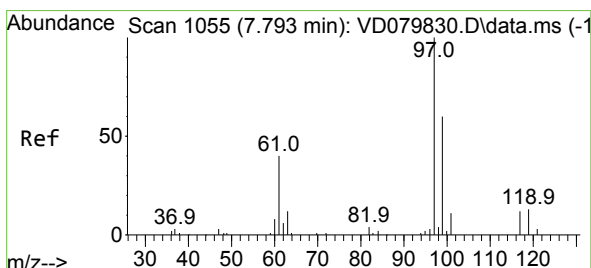
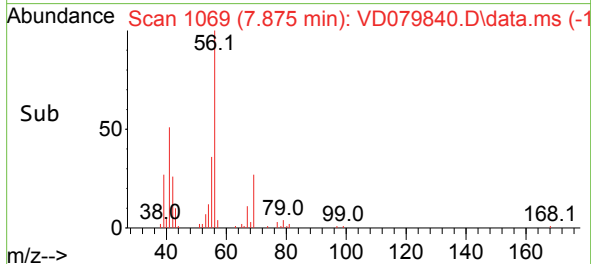
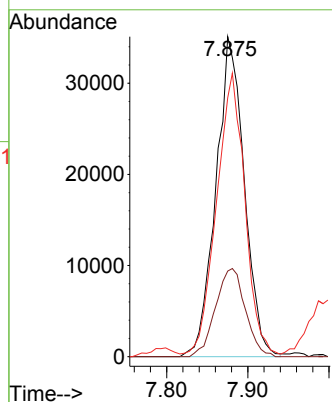
Tgt Ion: 56 Resp: 85262

Ion Ratio Lower Upper

56 100

69 28.9 22.8 34.2

84 89.3 69.1 103.7



#30

1,1,1-Trichloroethane

Concen: 23.626 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

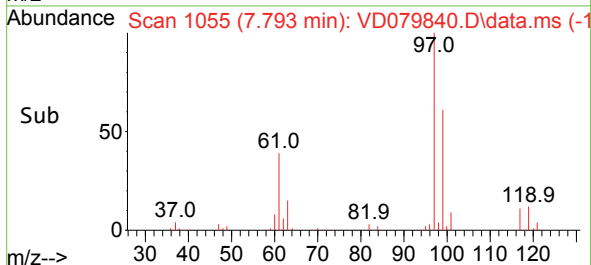
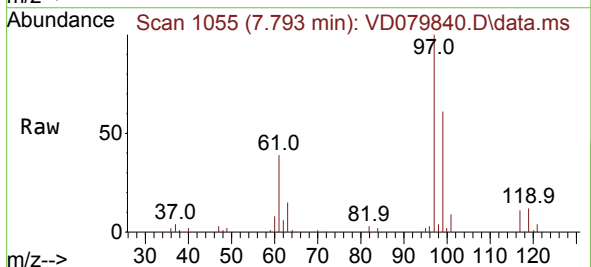
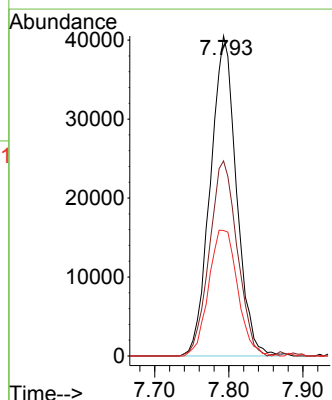
Tgt Ion: 97 Resp: 99174

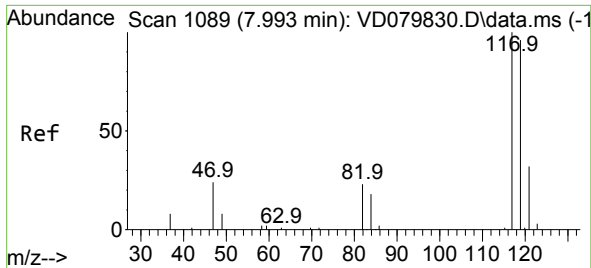
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 43.6 35.4 53.2

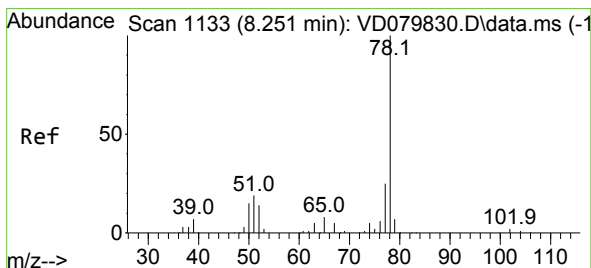
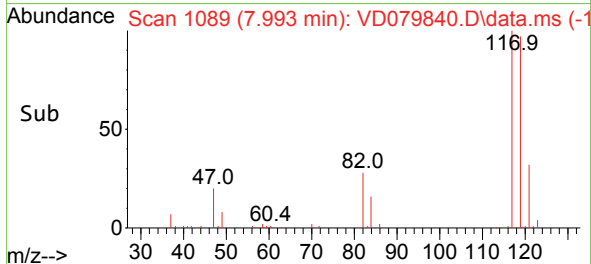
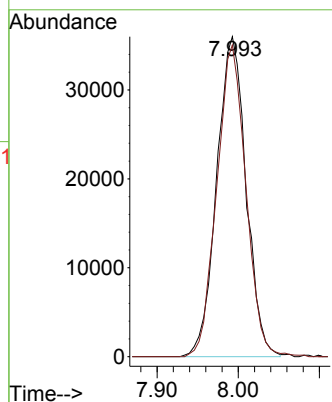
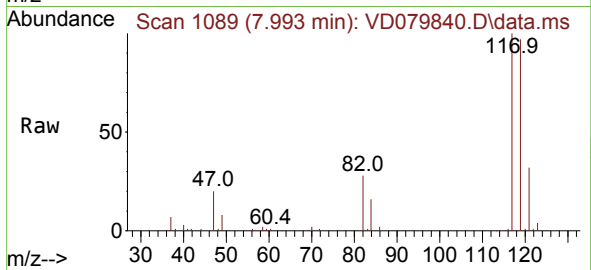




#31
Carbon tetrachloride
Concen: 24.325 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

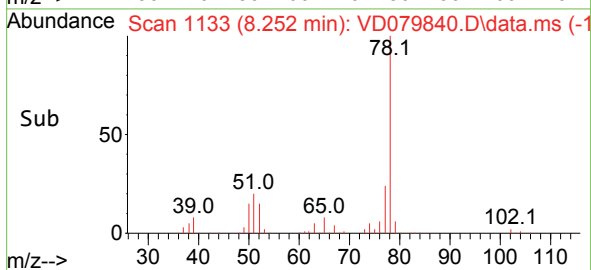
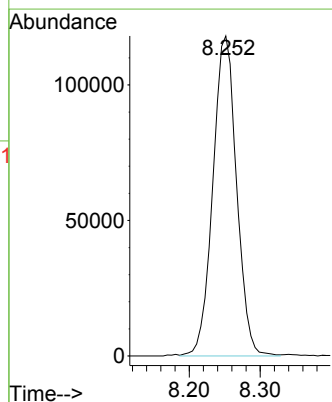
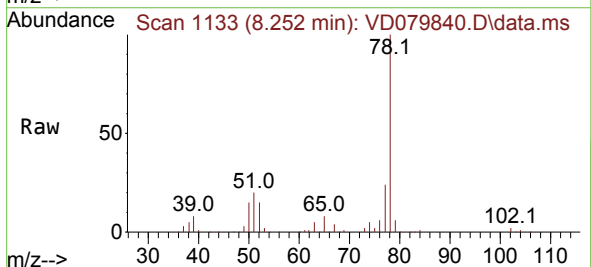
Instrument :
MSVOA_D
ClientSampleId :

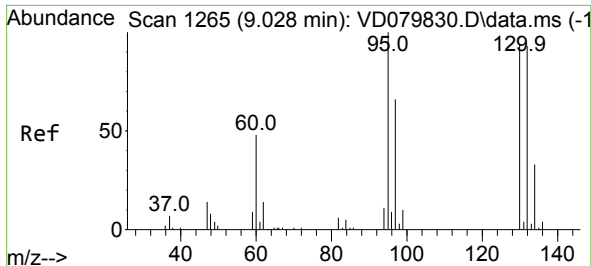
Tgt Ion:117 Resp: 90467
Ion Ratio Lower Upper
117 100
119 96.4 76.0 114.0



#33
Benzene
Concen: 23.860 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion: 78 Resp: 273591





#34

Trichloroethene

Concen: 23.985 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

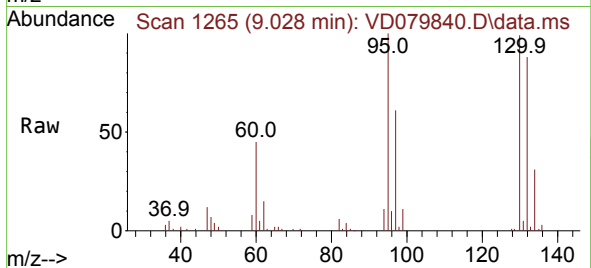
Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 63549

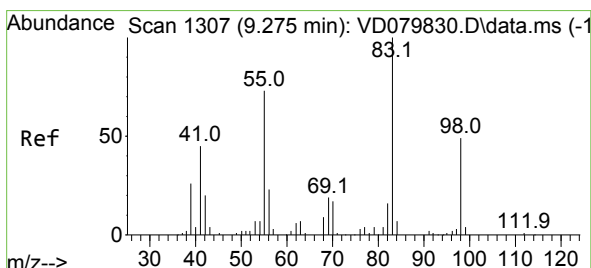
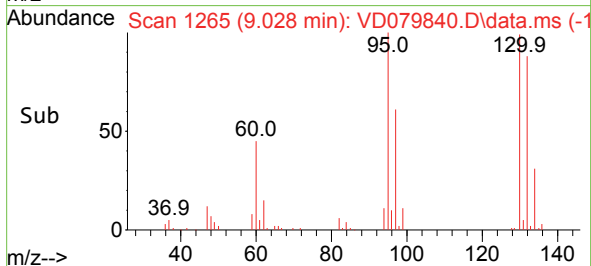
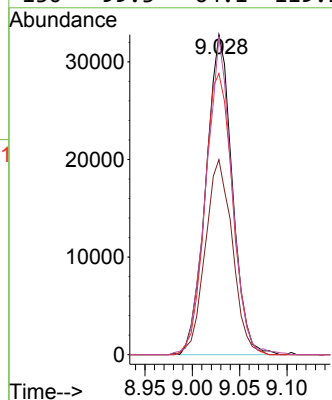
Ion Ratio Lower Upper

95 100

97 60.9 43.5 80.7

132 87.9 64.5 119.7

130 99.3 64.1 119.1



#35

Methylcyclohexane

Concen: 22.355 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

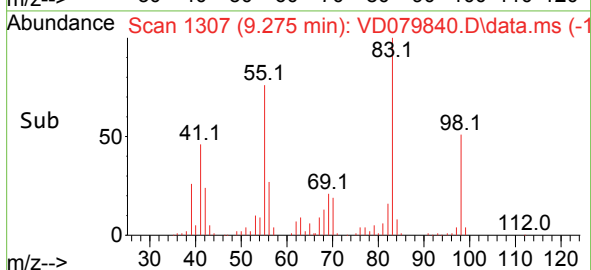
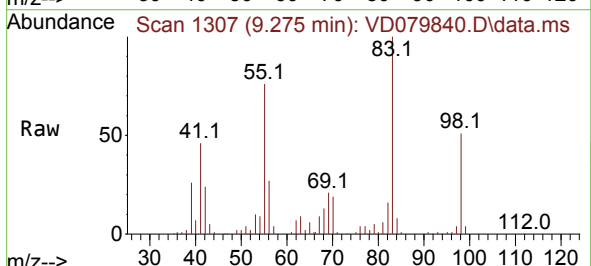
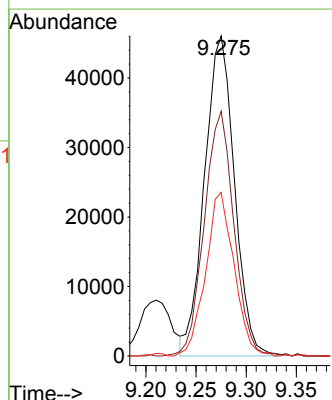
Tgt Ion: 83 Resp: 95586

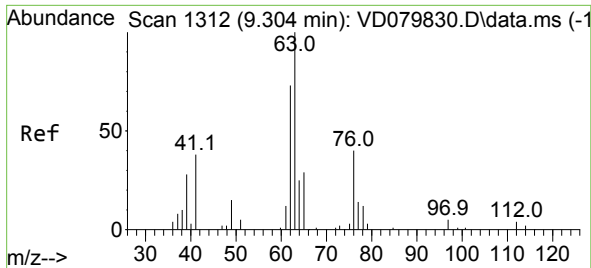
Ion Ratio Lower Upper

83 100

55 75.8 58.9 88.3

98 48.6 38.6 58.0

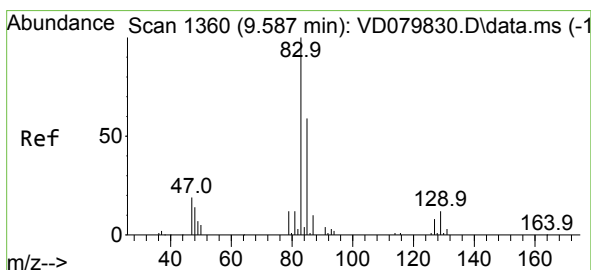
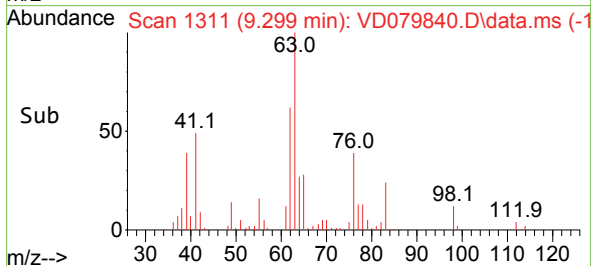
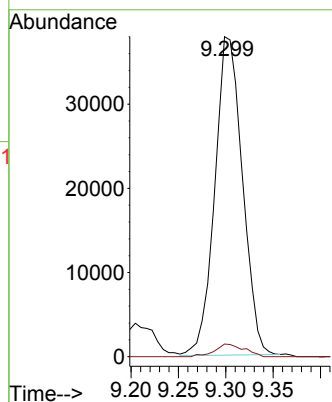
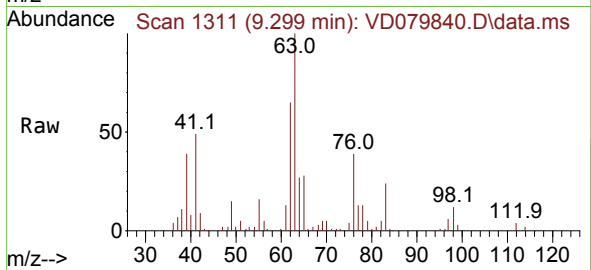




#37
1,2-Dichloropropane
Concen: 24.587 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

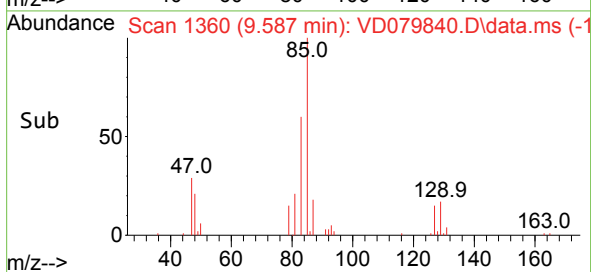
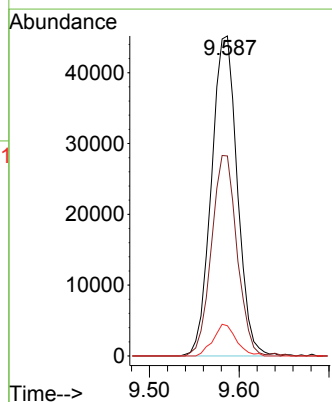
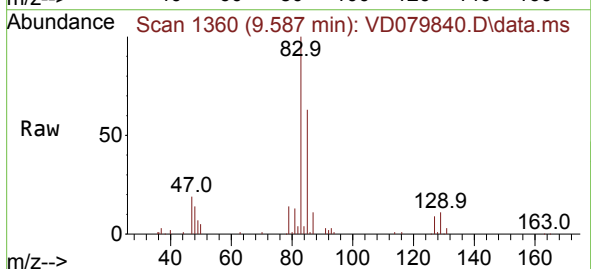
Instrument :
MSVOA_D
ClientSampleId :

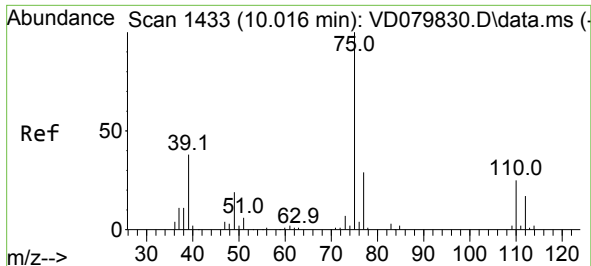
Tgt Ion: 63 Resp: 76888
Ion Ratio Lower Upper
63 100
112 4.0 0.0 0.0#



#38
Bromodichloromethane
Concen: 24.834 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion: 83 Resp: 90488
Ion Ratio Lower Upper
83 100
85 62.5 45.9 85.3
127 9.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.153 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

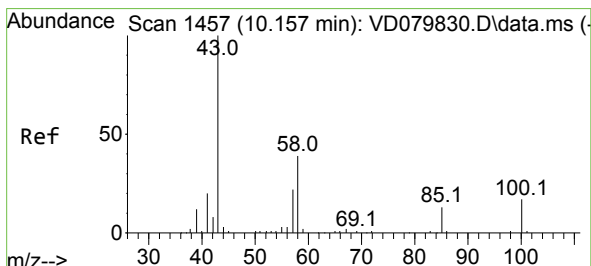
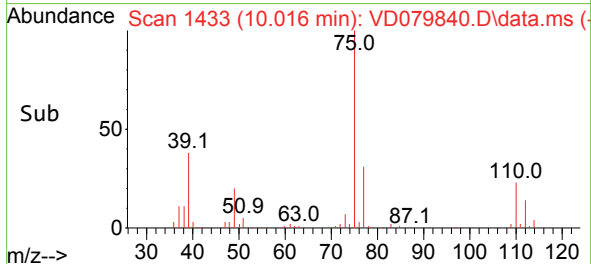
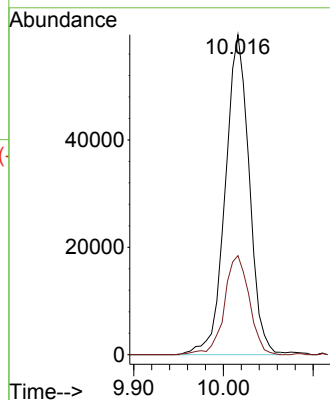
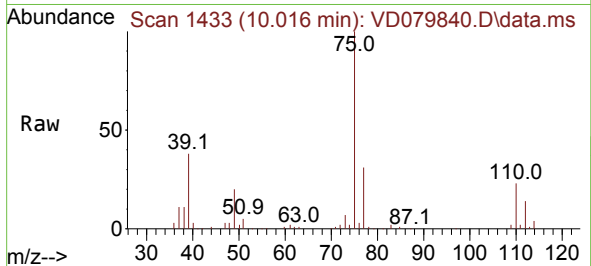
ClientSampleId :

Tgt Ion: 75 Resp: 110453

Ion Ratio Lower Upper

75 100

77 31.0 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 47.488 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

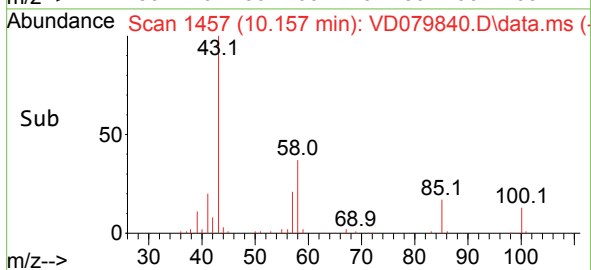
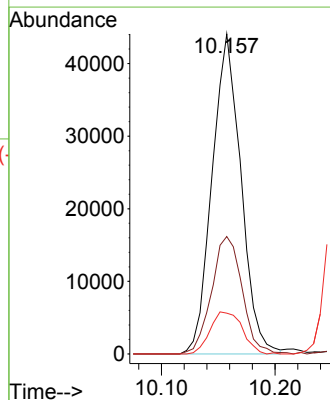
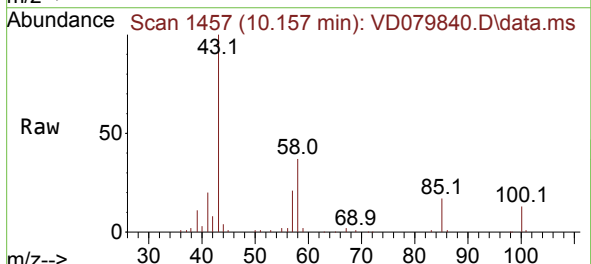
Tgt Ion: 43 Resp: 77736

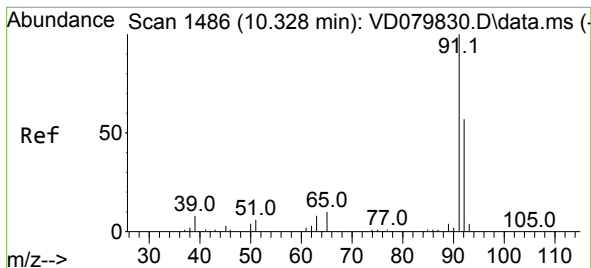
Ion Ratio Lower Upper

43 100

58 38.8 31.1 46.7

100 14.6 11.8 17.6





#42

Toluene

Concen: 25.269 ug/L

RT: 10.334 min Scan# 1486

Delta R.T. 0.006 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

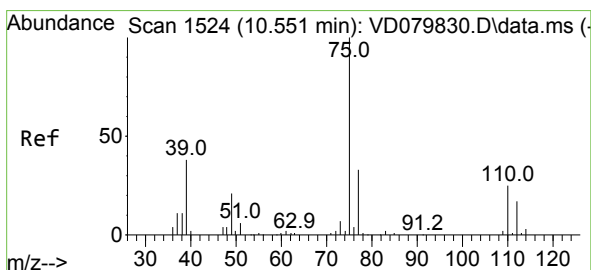
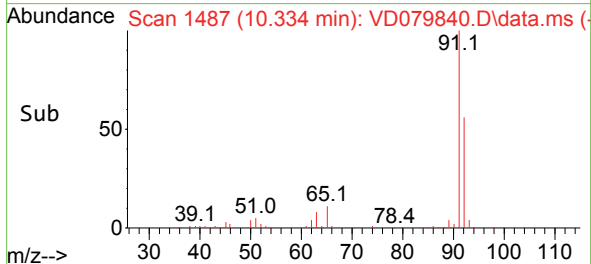
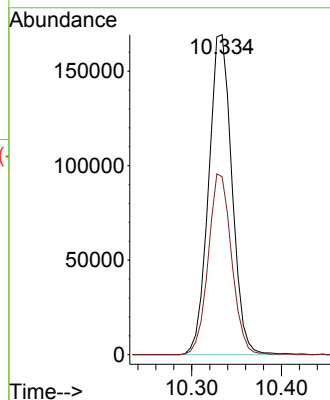
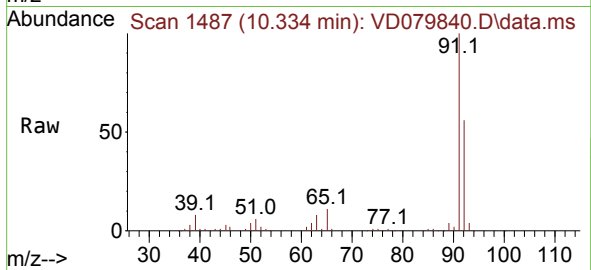
ClientSampleId :

Tgt Ion: 91 Resp: 305205

Ion Ratio Lower Upper

91 100

92 55.6 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.198 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079840.D

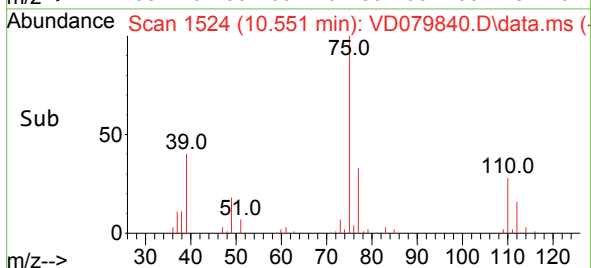
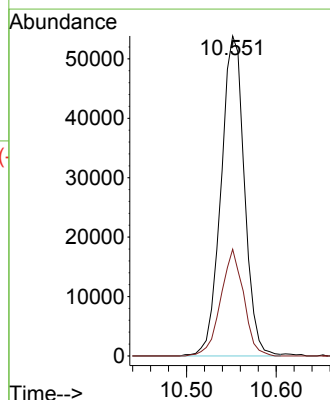
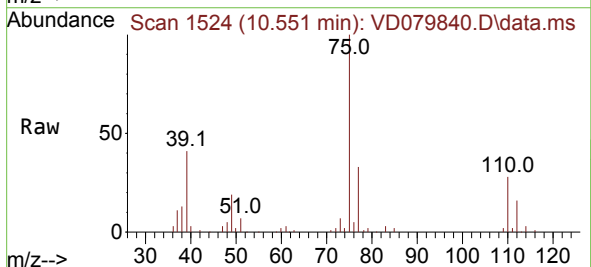
Acq: 16 Sep 2024 11:21

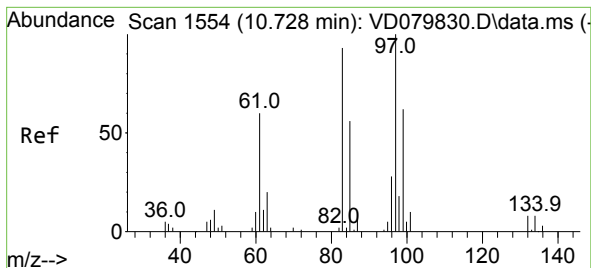
Tgt Ion: 75 Resp: 97515

Ion Ratio Lower Upper

75 100

77 33.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 25.270 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 53989

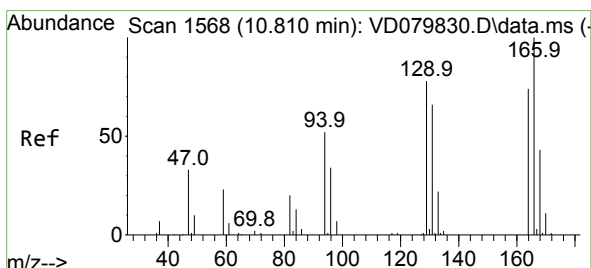
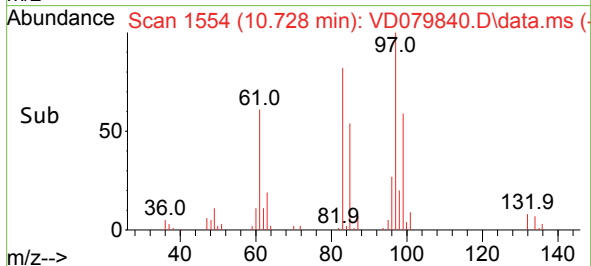
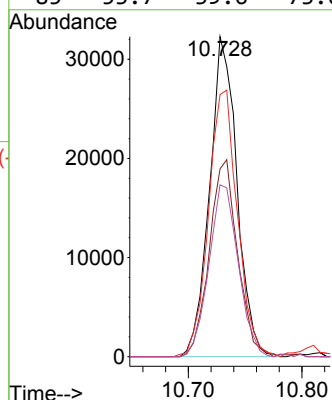
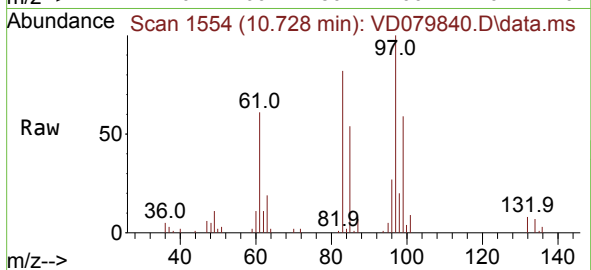
Ion Ratio Lower Upper

97 100

99 58.7 45.1 83.7

83 81.9 65.2 121.0

85 53.7 39.6 73.6



#46

Tetrachloroethene

Concen: 24.836 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Tgt Ion:164 Resp: 44675

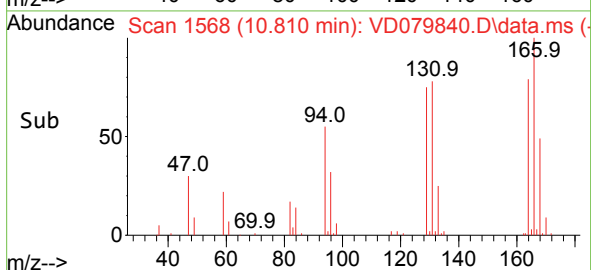
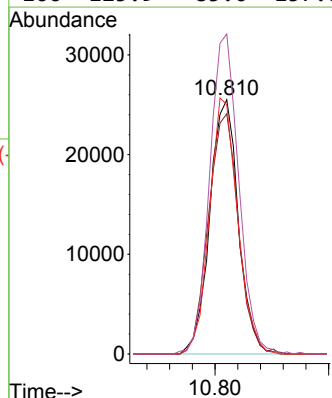
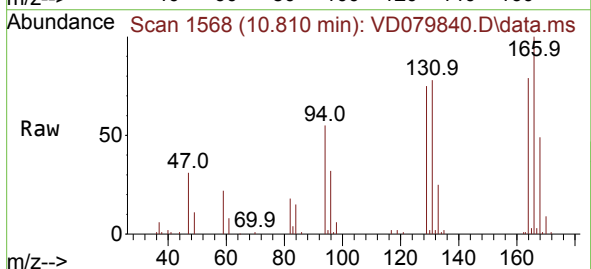
Ion Ratio Lower Upper

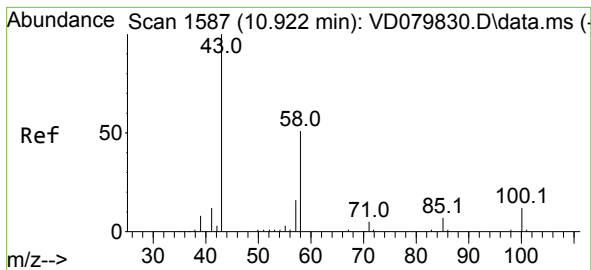
164 100

129 94.4 68.7 127.5

131 98.1 62.5 116.1

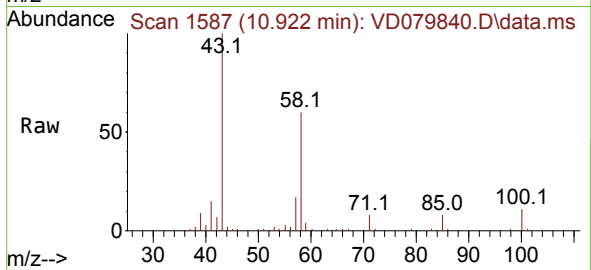
166 125.9 85.0 157.8



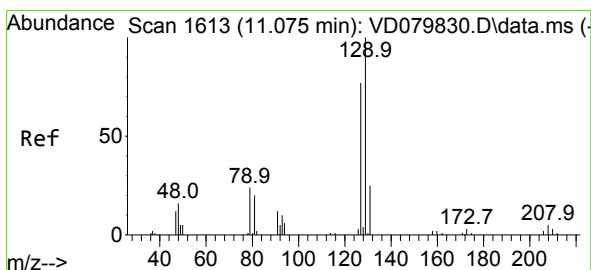
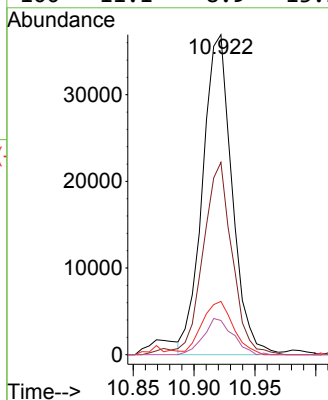
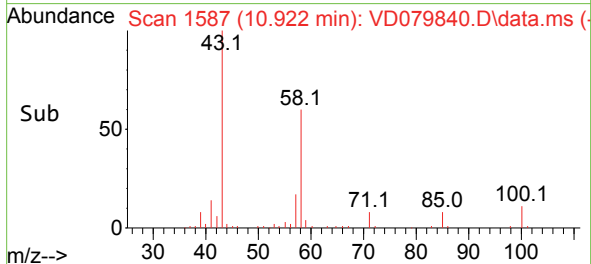


#48
2-Hexanone
Concen: 46.761 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Instrument :
MSVOA_D
ClientSampleId :

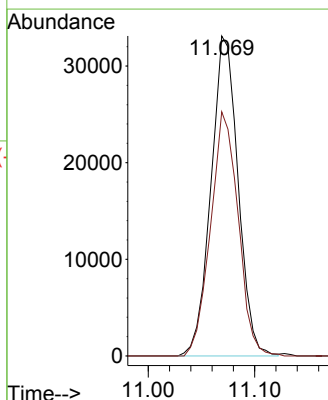
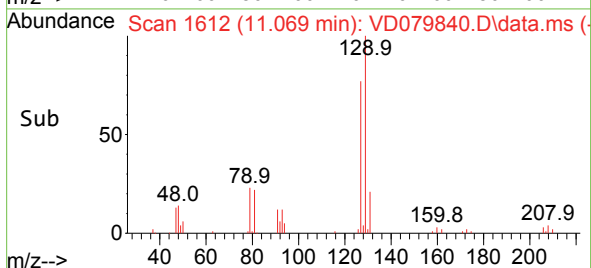
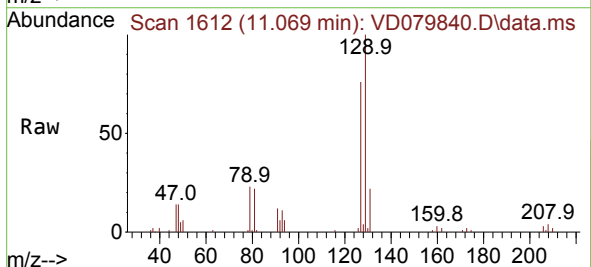


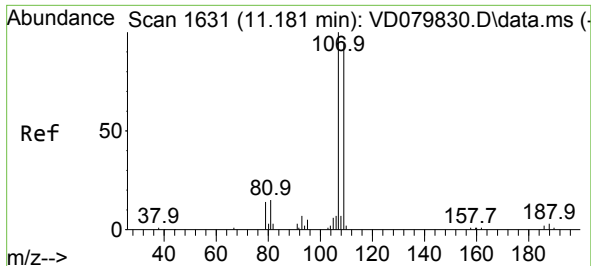
Tgt Ion: 43 Resp: 62263
Ion Ratio Lower Upper
43 100
58 58.7 44.7 67.1
57 17.5 13.6 20.4
100 11.1 8.9 13.3



#49
Dibromochloromethane
Concen: 25.090 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

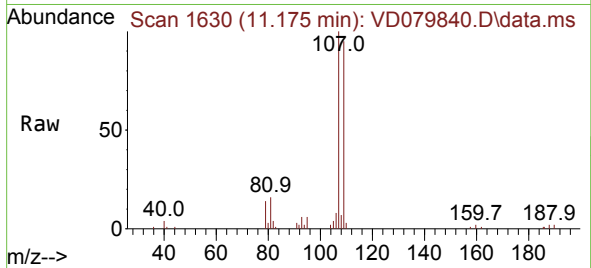
Tgt Ion: 129 Resp: 58509
Ion Ratio Lower Upper
129 100
127 76.3 55.2 102.6



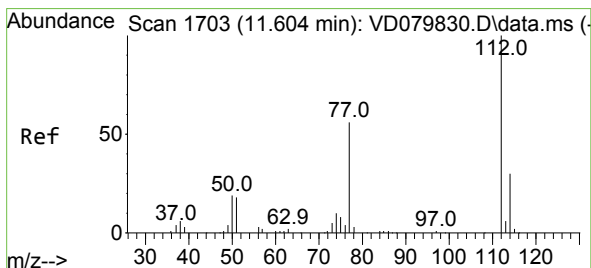
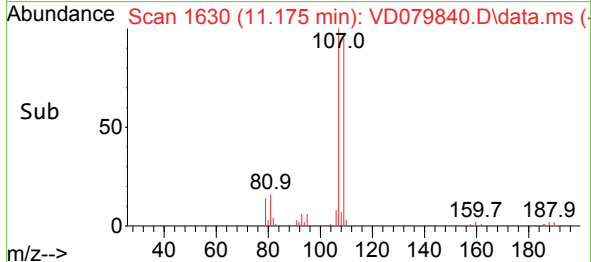
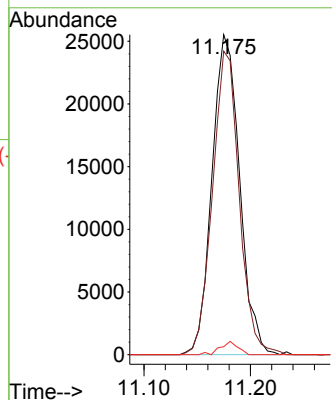


#50
1,2-Dibromoethane
Concen: 24.874 ug/L
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Instrument :
MSVOA_D
ClientSampleId :

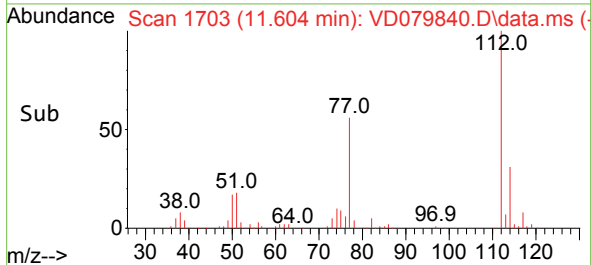
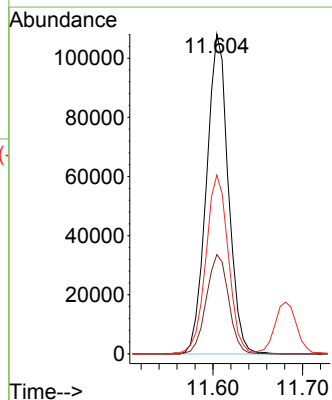
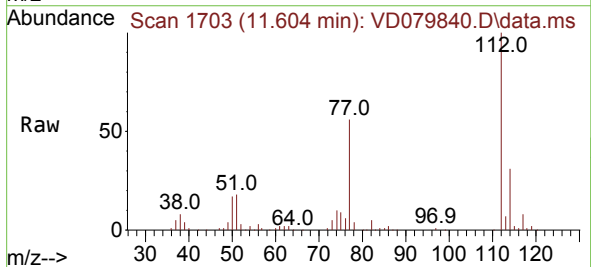


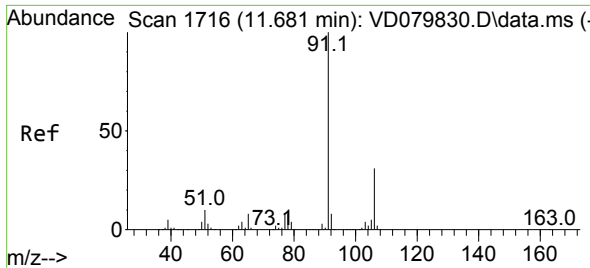
Tgt Ion:107 Resp: 45901
Ion Ratio Lower Upper
107 100
109 94.9 61.5 114.1
188 2.5 2.3 3.5



#51
Chlorobenzene
Concen: 25.206 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion:112 Resp: 182707
Ion Ratio Lower Upper
112 100
114 31.0 22.0 41.0
77 55.9 46.7 70.1

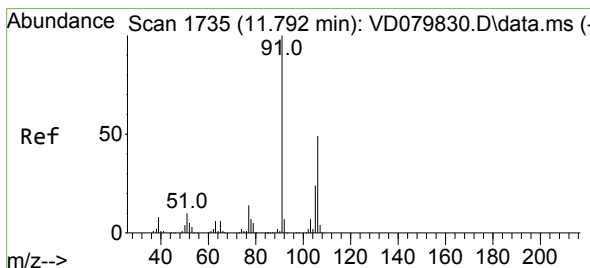
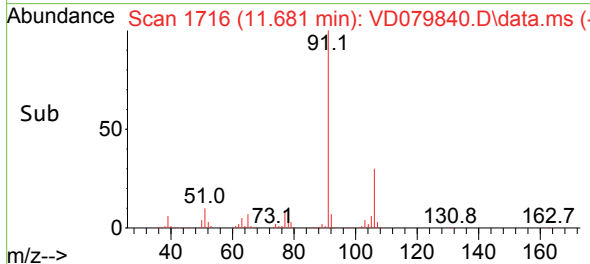
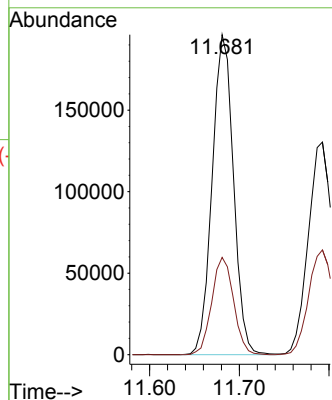
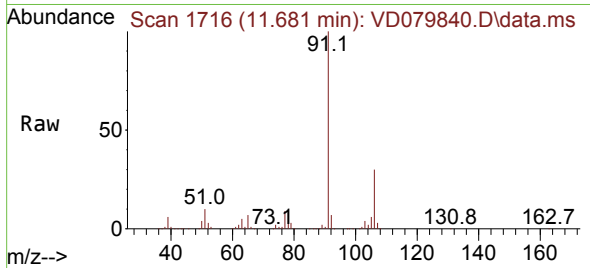




#52
Ethylbenzene
Concen: 25.541 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

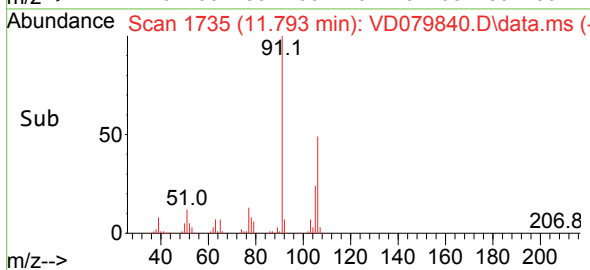
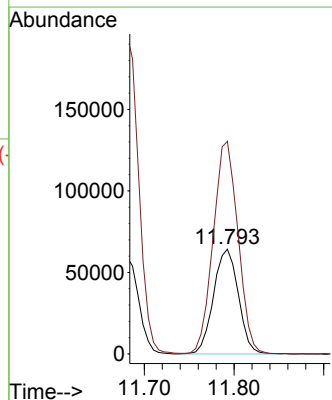
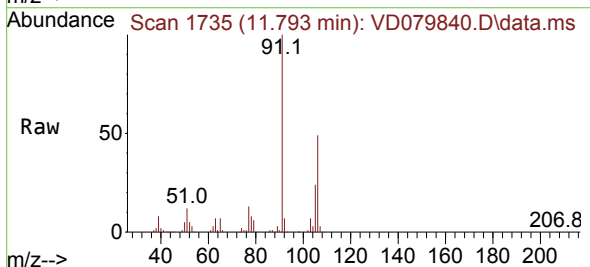
Instrument :
MSVOA_D
ClientSampleId :

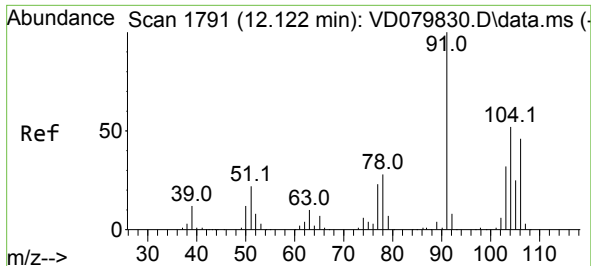
Tgt Ion: 91 Resp: 324070
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 25.664 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion:106 Resp: 123339
Ion Ratio Lower Upper
106 100
91 203.0 138.3 256.9

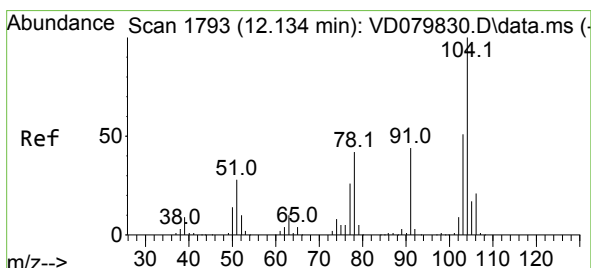
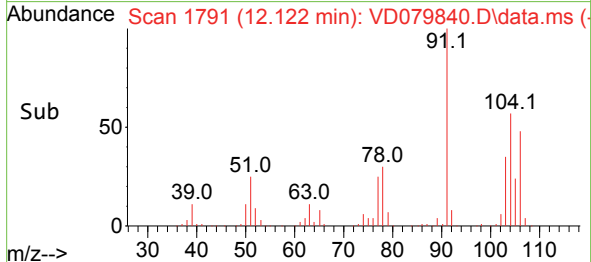
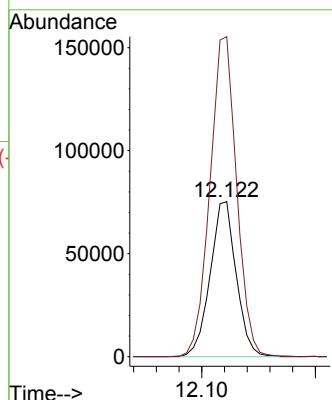
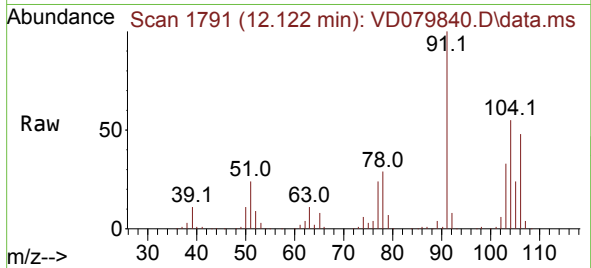




#54
o-Xylene
Concen: 25.457 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

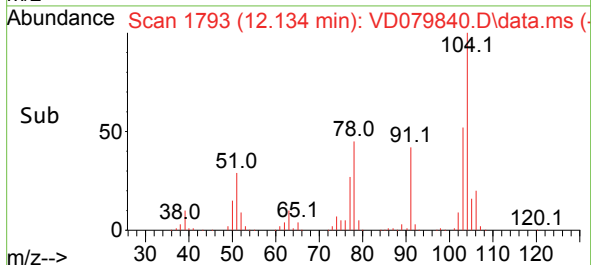
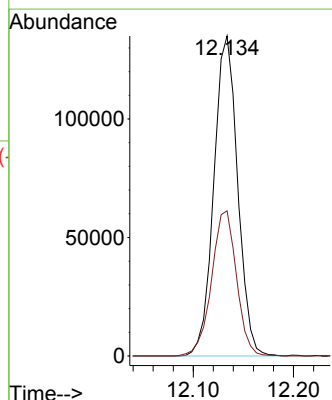
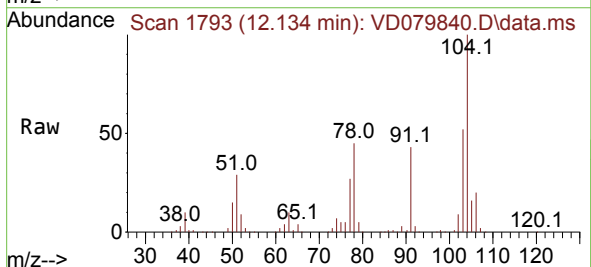
Instrument :
MSVOA_D
ClientSampleId :

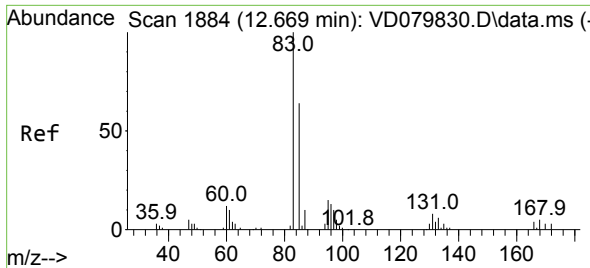
Tgt Ion:106 Resp: 119957
Ion Ratio Lower Upper
106 100
91 206.3 152.6 283.4



#55
Styrene
Concen: 26.851 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion:104 Resp: 222370
Ion Ratio Lower Upper
104 100
78 45.3 30.7 57.1

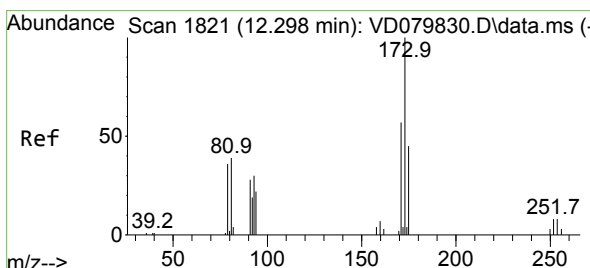
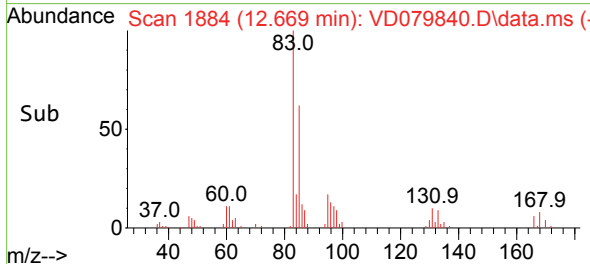
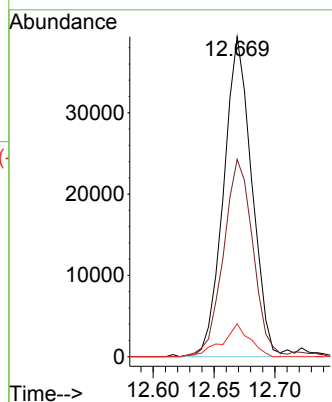
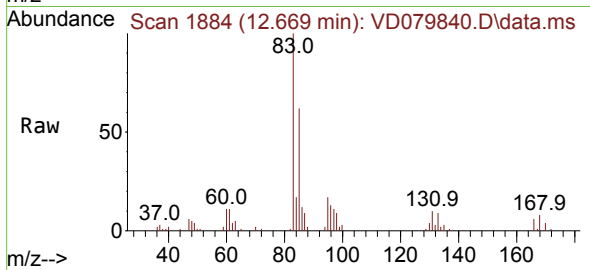




#57
 1,1,2,2-Tetrachloroethane
 Concen: 25.192 ug/L
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21

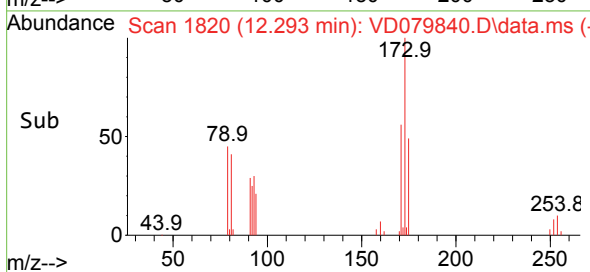
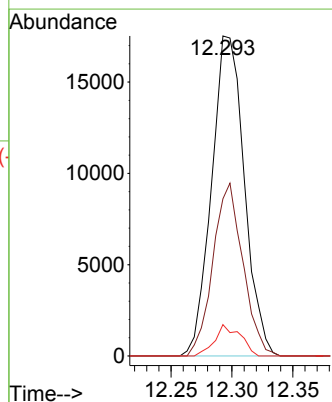
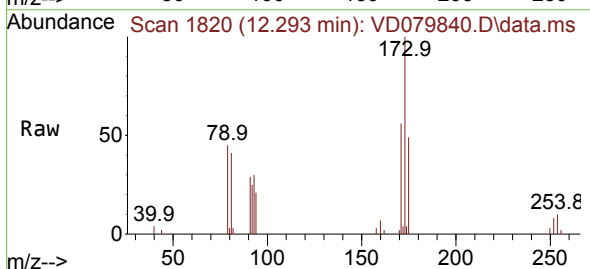
Instrument :
 MSVOA_D
 ClientSampleId :

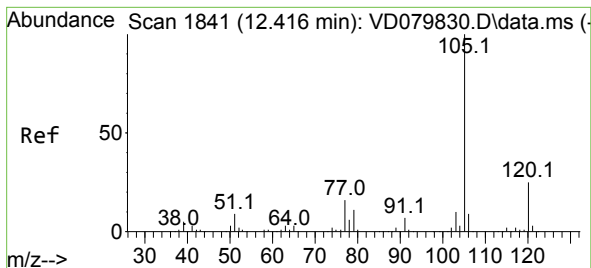
Tgt Ion: 83 Resp: 63088
 Ion Ratio Lower Upper
 83 100
 85 61.6 46.8 87.0
 131 10.3 6.5 9.7#



#59
 Bromoform
 Concen: 25.137 ug/L
 RT: 12.293 min Scan# 1820
 Delta R.T. -0.006 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21

Tgt Ion:173 Resp: 32784
 Ion Ratio Lower Upper
 173 100
 175 49.3 39.2 58.8
 254 7.7 5.5 8.3





#60

Isopropylbenzene

Concen: 24.397 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

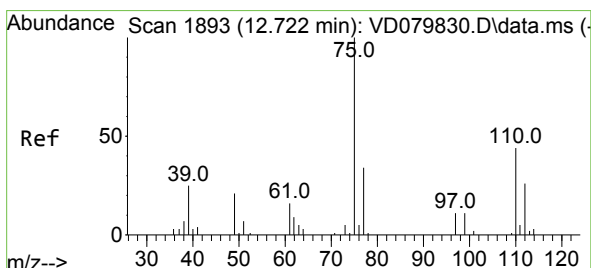
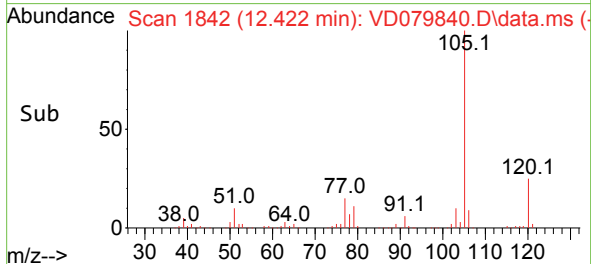
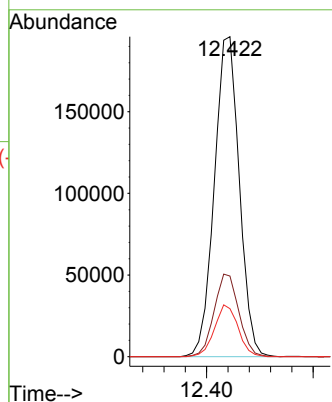
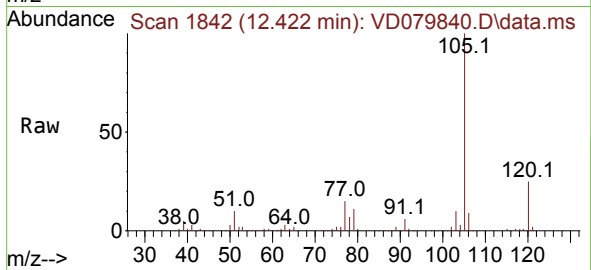
Tgt Ion:105 Resp: 318227

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 23.215 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

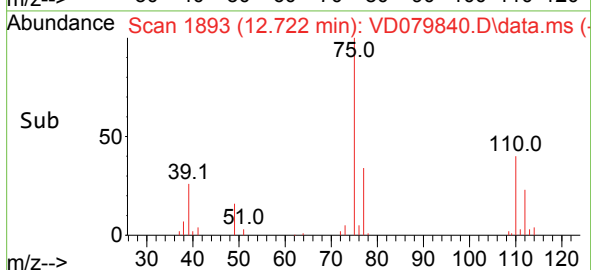
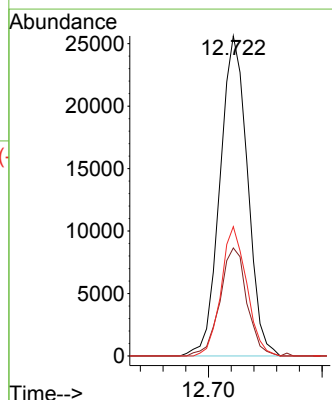
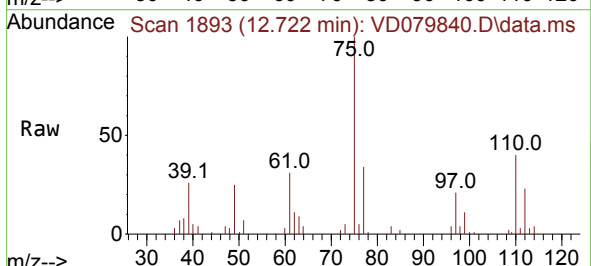
Tgt Ion: 75 Resp: 43112

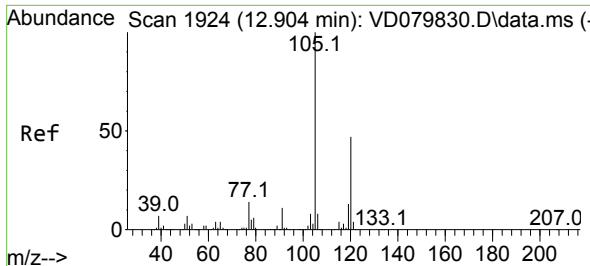
Ion Ratio Lower Upper

75 100

77 33.0 25.1 37.7

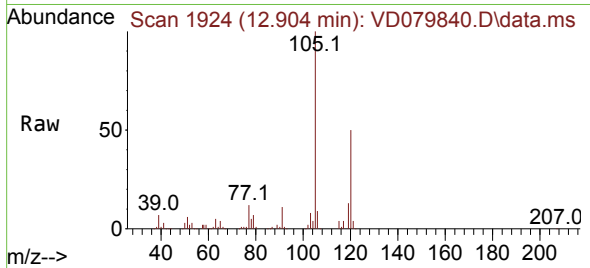
110 37.5 30.1 45.1



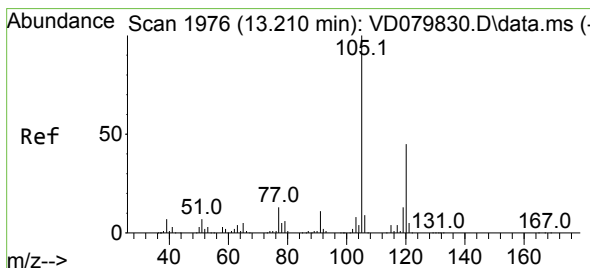
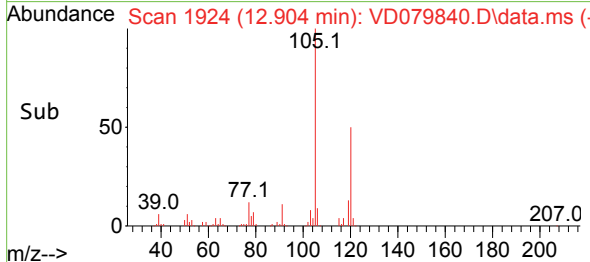
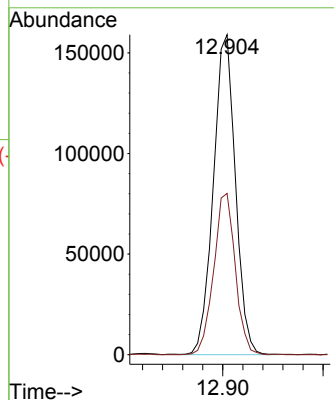


#62
1,3,5-Trimethylbenzene
Concen: 25.491 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Instrument :
MSVOA_D
ClientSampleId :

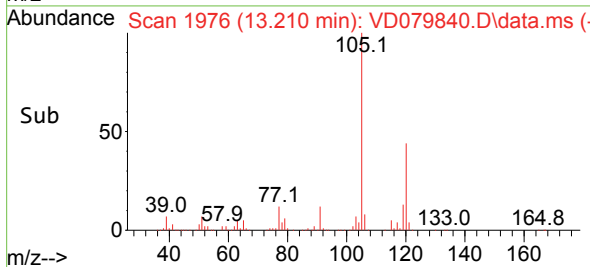
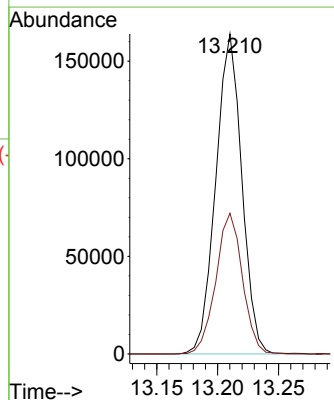
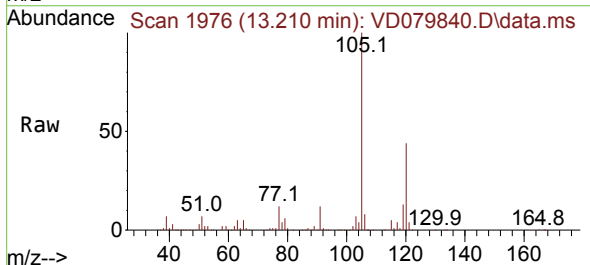


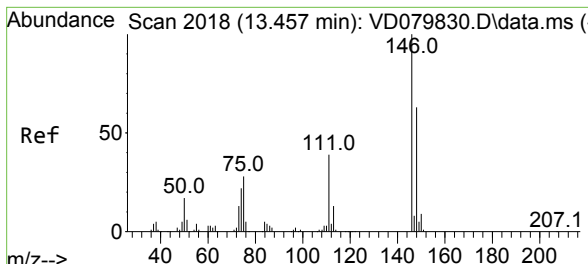
Tgt Ion:105 Resp: 243175
Ion Ratio Lower Upper
105 100
120 49.2 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 24.372 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

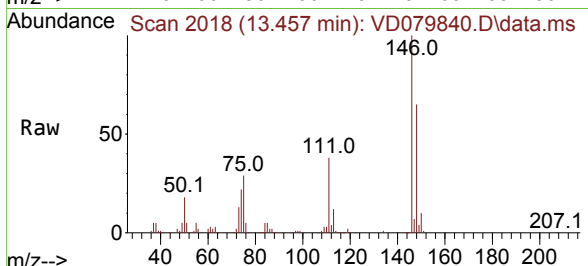
Tgt Ion:105 Resp: 243817
Ion Ratio Lower Upper
105 100
120 44.9 36.3 54.5



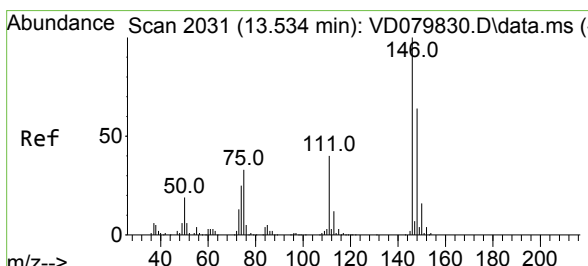
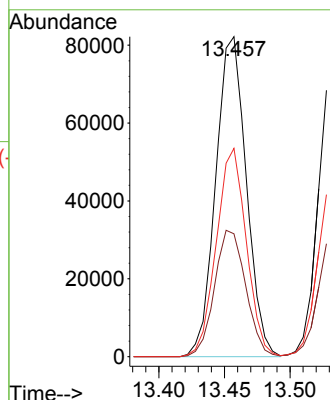
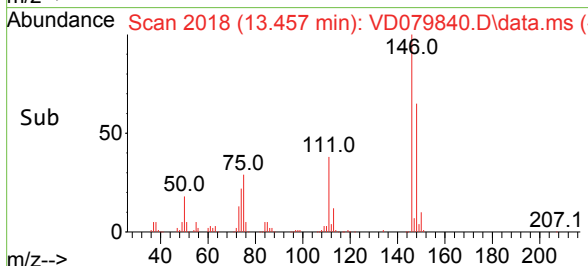


#64
1,3-Dichlorobenzene
Concen: 24.726 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Instrument :
MSVOA_D
ClientSampleId :

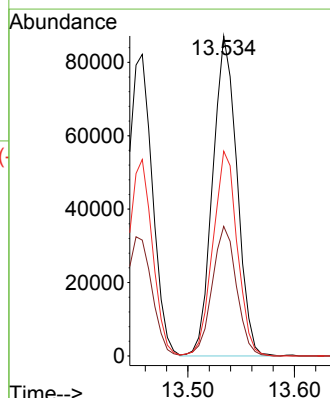
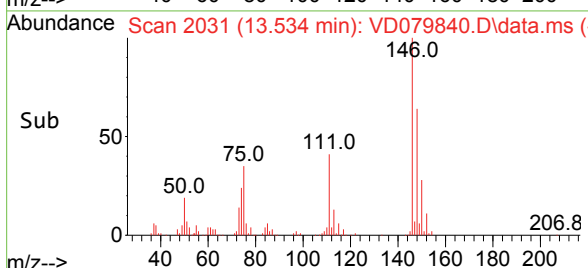
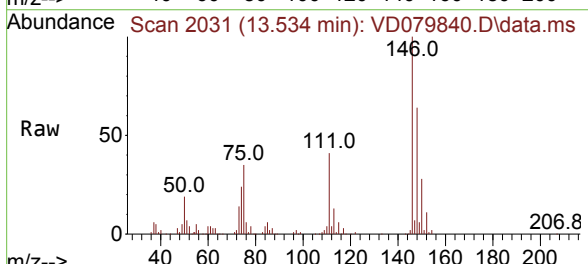


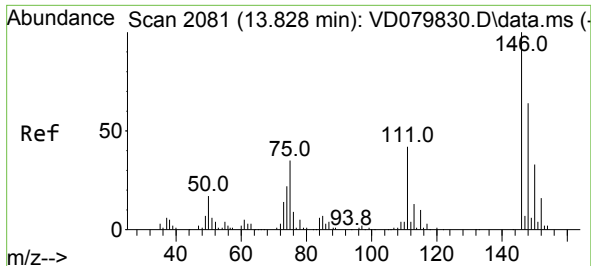
Tgt Ion:146 Resp: 133283
Ion Ratio Lower Upper
146 100
111 38.4 27.4 50.8
148 65.1 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 24.406 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion:146 Resp: 137993
Ion Ratio Lower Upper
146 100
111 40.5 27.6 51.4
148 64.0 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 24.276 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

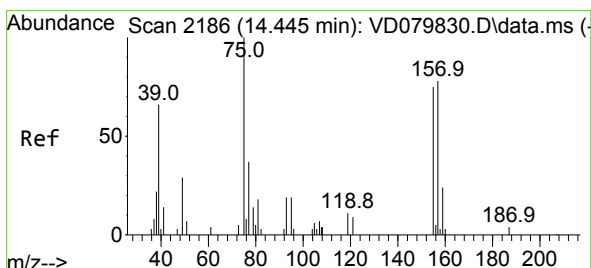
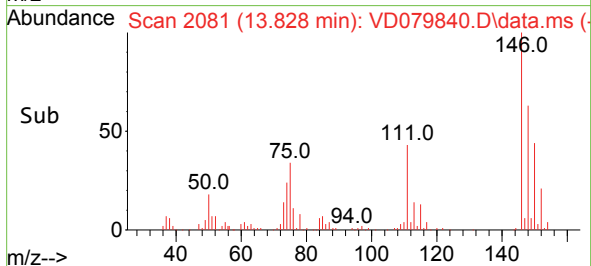
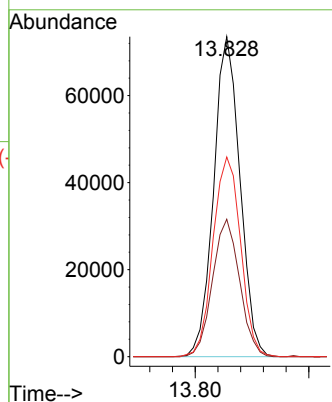
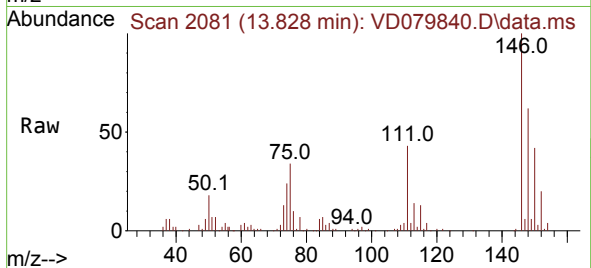
Tgt Ion:146 Resp: 118274

Ion Ratio Lower Upper

146 100

111 42.9 36.9 55.3

148 62.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.615 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079840.D

Acq: 16 Sep 2024 11:21

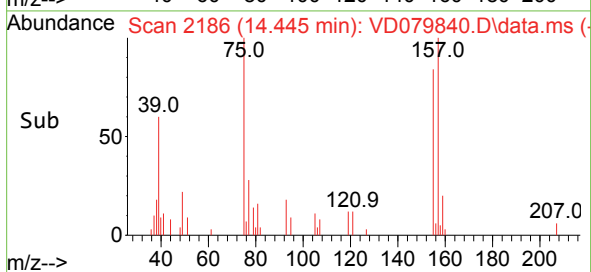
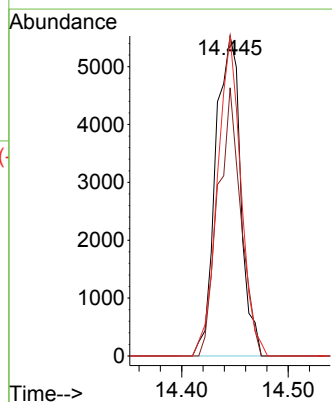
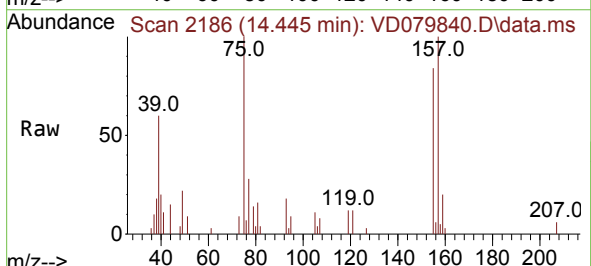
Tgt Ion: 75 Resp: 8973

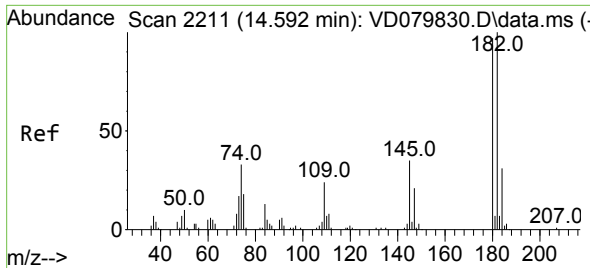
Ion Ratio Lower Upper

75 100

155 83.8 57.2 85.8

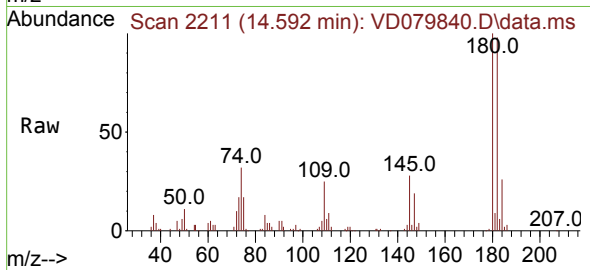
157 99.8 59.7 89.5#



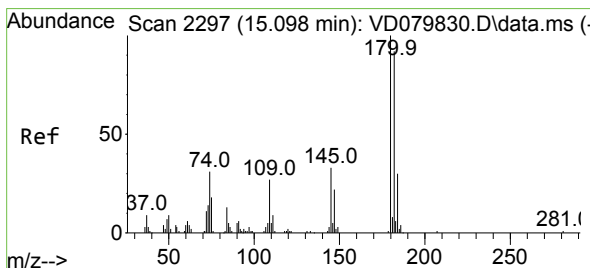
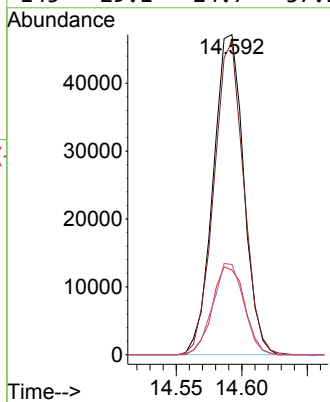
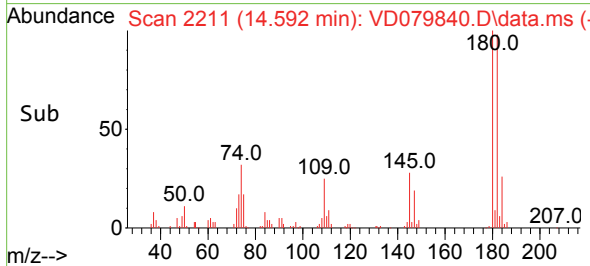


#69
 1,3,5-Trichlorobenzene
 Concen: 23.317 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21

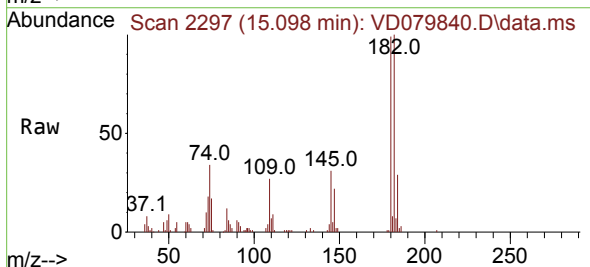
Instrument :
 MSVOA_D
 ClientSampleId :



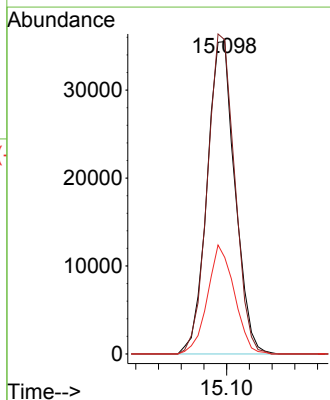
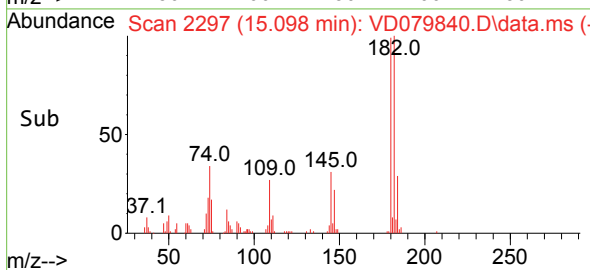
Tgt Ion:180 Resp: 76210
 Ion Ratio Lower Upper
 180 100
 182 95.4 72.6 109.0
 184 29.1 24.2 36.2
 145 29.1 24.7 37.1

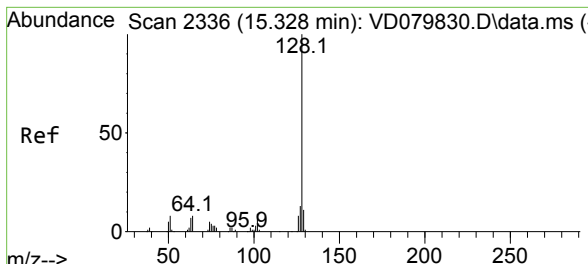


#70
 1,2,4-trichlorobenzene
 Concen: 22.069 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079840.D
 Acq: 16 Sep 2024 11:21



Tgt Ion:180 Resp: 60732
 Ion Ratio Lower Upper
 180 100
 182 99.6 75.9 113.9
 145 33.5 26.6 40.0

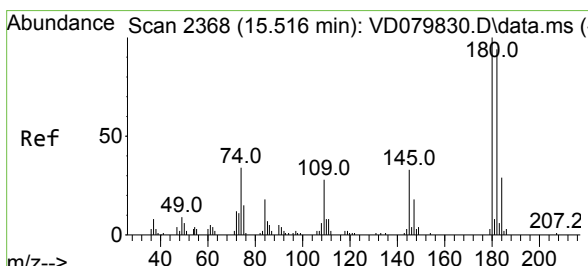
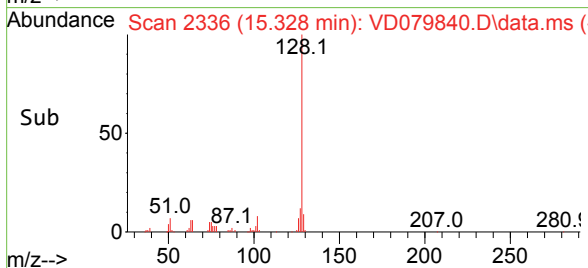
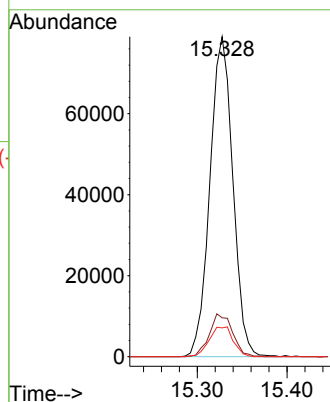
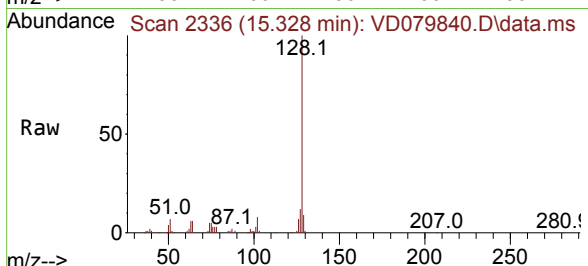




#71
Naphthalene
Concen: 22.801 ug/L
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	140142
Ion Ratio	Lower	Upper	
128	100		
127	13.5	11.2	16.8
129	9.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.360 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079840.D
Acq: 16 Sep 2024 11:21

Tgt Ion:	180	Resp:	57502
Ion Ratio	Lower	Upper	
180	100		
182	93.3	74.1	111.1
145	34.7	26.4	39.6

