

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079100.D
 Acq On : 30 May 2024 17:00
 Operator : RP/MD
 Sample : P2640-05MS
 Misc : 5.48G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 01:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	239581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	230776	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	117709	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	161296	21.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.520%
7) Chloroethane-d5	2.799	69	152273	21.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
11) 1,1-Dichloroethene-d2	3.911	65	26334	20.121	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.480%
21) 2-Butanone-d5	6.987	46	24119	42.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.540%
24) Chloroform-d	7.569	84	136993	20.450	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	8.234	65	65993	21.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.440%
32) Benzene-d6	8.199	84	289393	22.621	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	9.204	67	80167	21.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.000%
41) Toluene-d8	10.269	98	267248	22.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	10.522	79	34000	21.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.800%
47) 2-Hexanone-d5	10.875	63	21470	45.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70380	21.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.240%
66) 1,2-Dichlorobenzene-d4	13.810	152	87320	21.495	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	68821	18.146	ug/L	100
3) Chloromethane	2.146	50	95073	18.808	ug/L	97
5) Vinyl chloride	2.281	62	165542	19.842	ug/L	97
6) Bromomethane	2.693	94	110967	17.228	ug/L	97
8) Chloroethane	2.834	64	113478	18.557	ug/L	98
9) Trichlorofluoromethane	3.175	101	111252	17.504	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	72305	18.972	ug/L	97
12) 1,1-Dichloroethene	3.940	96	61995	18.685	ug/L	98
13) Acetone	4.016	43	14678	17.979	ug/L	49
14) Carbon disulfide	4.275	76	209491	18.099	ug/L	99
15) Methyl Acetate	4.558	43	20051	18.026	ug/L	92
16) Methylene chloride	4.799	84	88442	20.718	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	67059	18.702	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	118269	18.597	ug/L #	88
19) 1,1-Dichloroethane	6.110	63	105997	18.361	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	71389	19.120	ug/L	97
22) 2-Butanone	7.081	43	28241	32.929	ug/L	99
23) Bromochloromethane	7.428	128	35862	18.945	ug/L	95
25) Chloroform	7.593	83	120820	18.433	ug/L	94

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 Response via : Initial Calibration

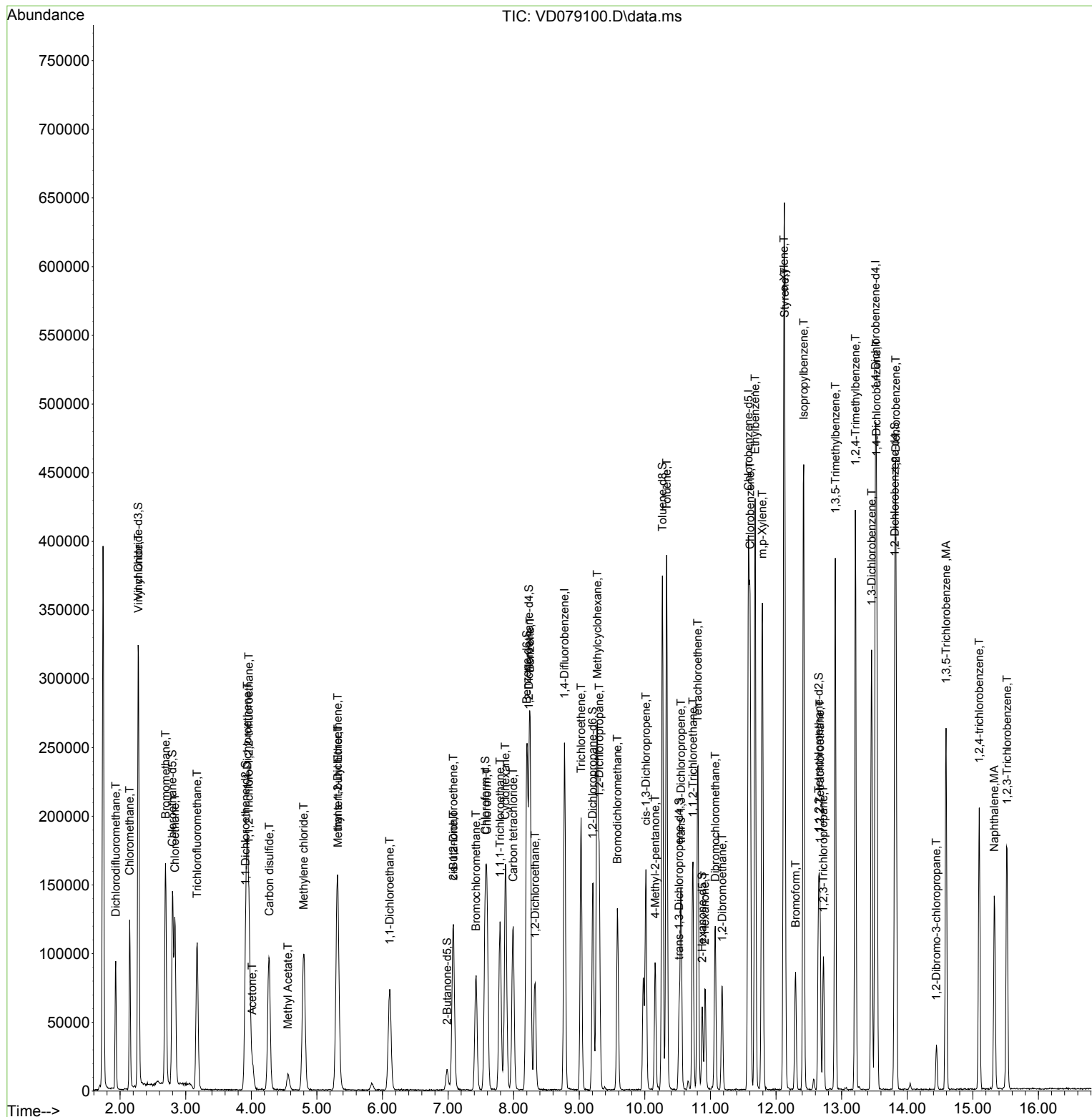
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	70514	18.533	ug/L #	94
29) Cyclohexane	7.875	56	82144	19.728	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	102296	18.723	ug/L	100
31) Carbon tetrachloride	7.993	117	94329	18.578	ug/L	98
33) Benzene	8.252	78	273076	19.867	ug/L	100
34) Trichloroethene	9.028	95	68859	19.451	ug/L	96
35) Methylcyclohexane	9.275	83	117860	20.092	ug/L	100
37) 1,2-Dichloropropane	9.304	63	66016	19.608	ug/L	99
38) Bromodichloromethane	9.581	83	89120	19.042	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	101090	19.235	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	55832	39.726	ug/L	97
42) Toluene	10.334	91	305865	20.040	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	87810	19.758	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	56690	19.193	ug/L	99
46) Tetrachloroethene	10.804	164	59086	18.955	ug/L	98
48) 2-Hexanone	10.916	43	44658	36.721	ug/L	95
49) Dibromochloromethane	11.075	129	64756	18.514	ug/L	94
50) 1,2-Dibromoethane	11.181	107	51820	19.090	ug/L #	97
51) Chlorobenzene	11.604	112	198235	19.520	ug/L	98
52) Ethylbenzene	11.681	91	315905	19.843	ug/L	100
53) m,p-Xylene	11.793	106	123370	19.751	ug/L	100
54) o-Xylene	12.122	106	117010	19.389	ug/L	96
55) Styrene	12.134	104	216555	20.238	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	63405	19.177	ug/L	97
59) Bromoform	12.298	173	40317	18.688	ug/L	99
60) Isopropylbenzene	12.422	105	309995	19.917	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	40463	19.471	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	207972	19.543	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	227545	19.991	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	144968	19.388	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	150629	19.013	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	133548	19.321	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	8513	19.927	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	86937	18.435	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	68125	17.394	ug/L	96
71) Naphthalene	15.328	128	128628	17.561	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	65059	19.220	ug/L	97

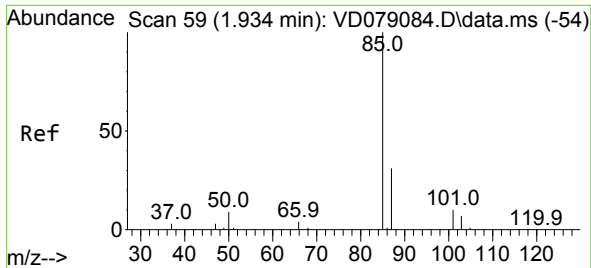
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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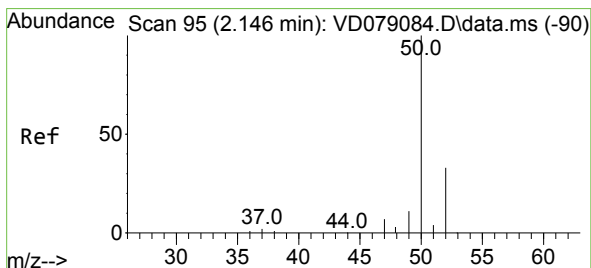
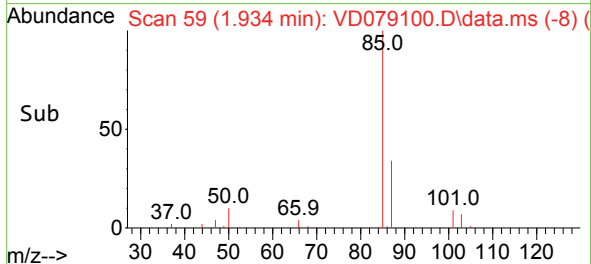
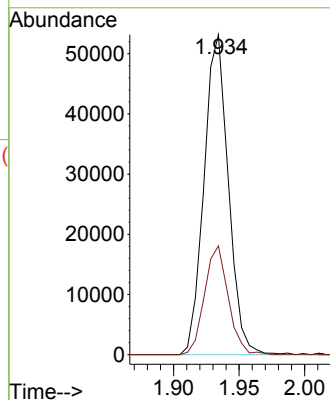
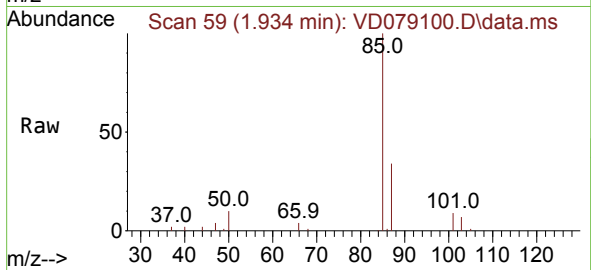




#2
 Dichlorodifluoromethane
 Concen: 18.146 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079100.D
 Acq: 30 May 2024 17:00

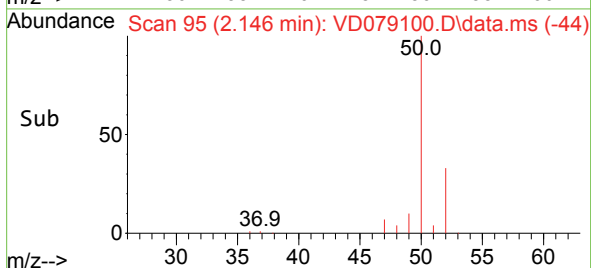
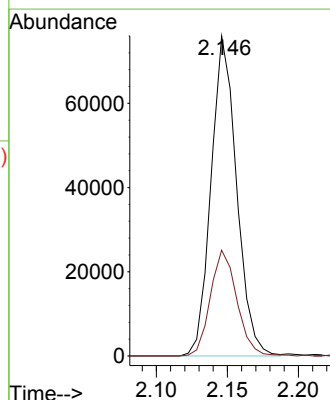
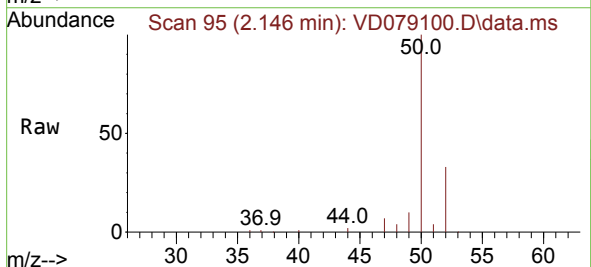
Instrument :
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 ClientSampleId :

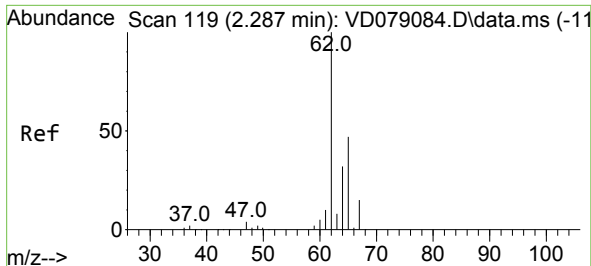
Tgt Ion: 85 Resp: 68821
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 18.808 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079100.D
 Acq: 30 May 2024 17:00

Tgt Ion: 50 Resp: 95073
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.4 45.2

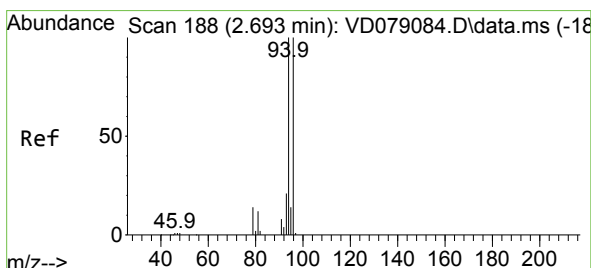
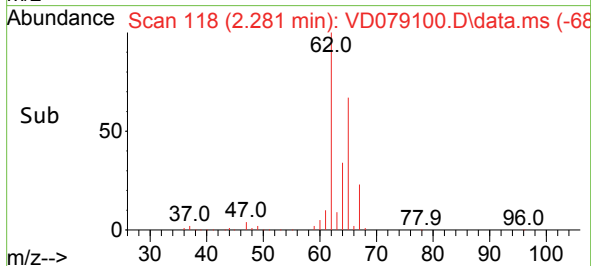
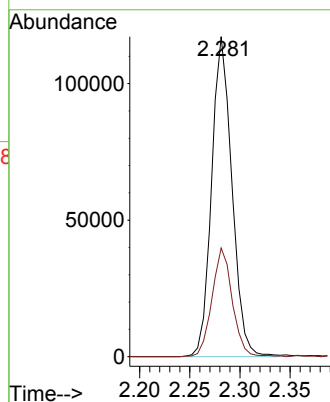
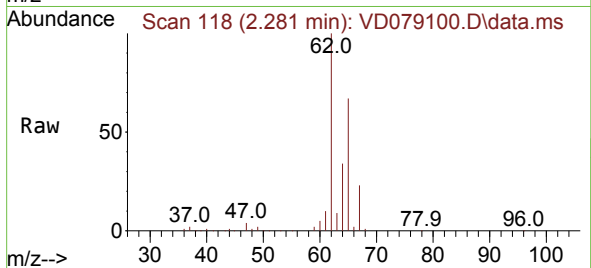




#5
 Vinyl chloride
 Concen: 19.842 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079100.D
 Acq: 30 May 2024 17:00

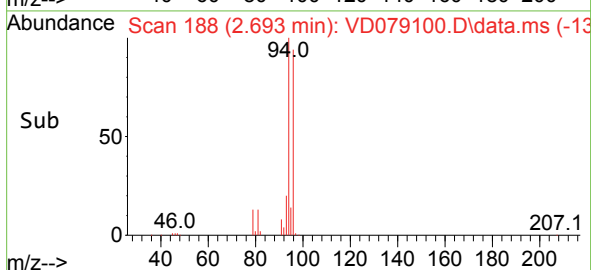
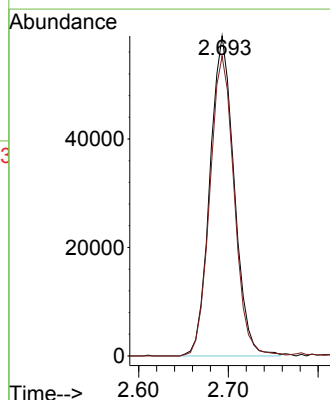
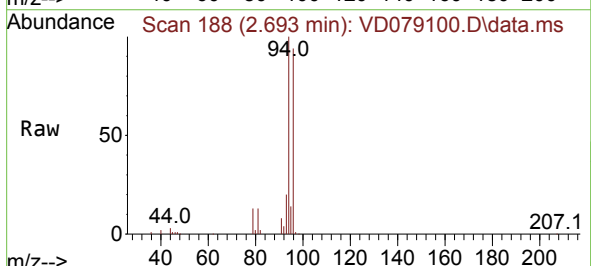
Instrument :
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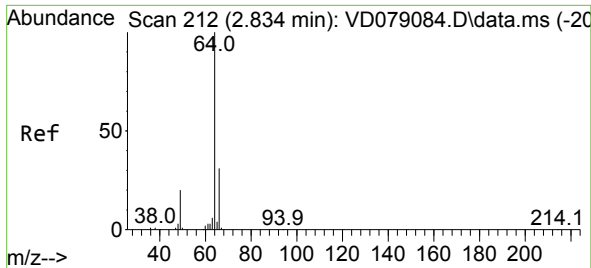
Tgt Ion: 62 Resp: 165542
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.8 46.1



#6
 Bromomethane
 Concen: 17.228 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079100.D
 Acq: 30 May 2024 17:00

Tgt Ion: 94 Resp: 110967
 Ion Ratio Lower Upper
 94 100
 96 93.7 63.6 118.2

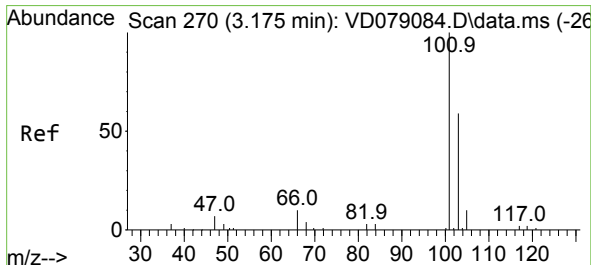
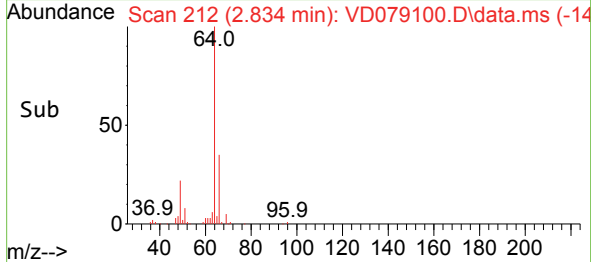
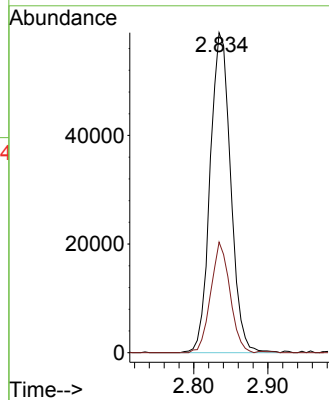
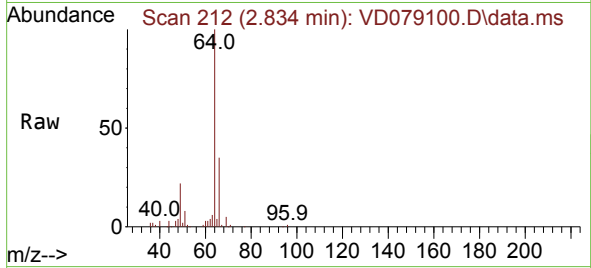




#8
Chloroethane
Concen: 18.557 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

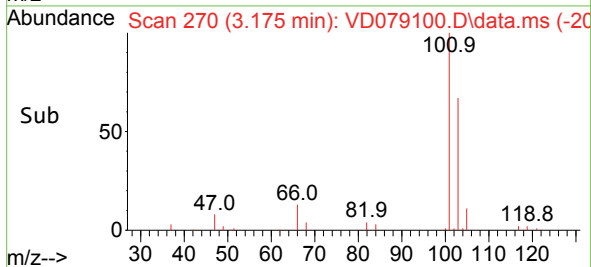
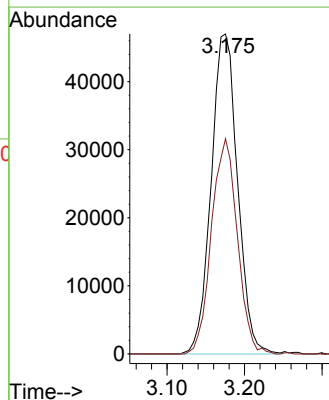
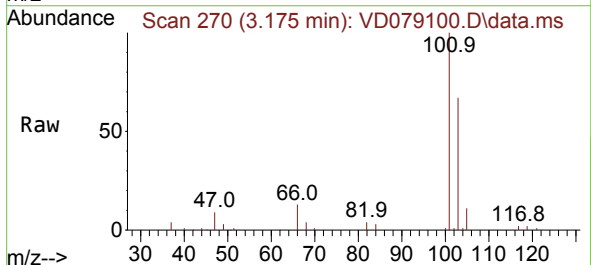
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MSVOA_D
ClientSampleId :

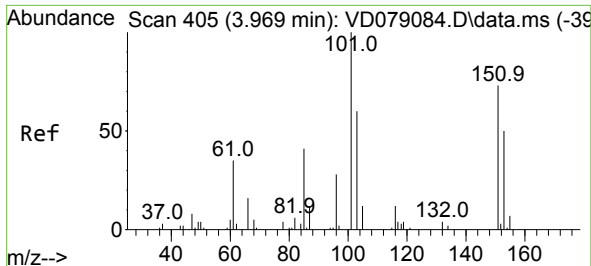
Tgt Ion: 64 Resp: 113478
Ion Ratio Lower Upper
64 100
66 34.6 24.8 46.1



#9
Trichlorofluoromethane
Concen: 17.504 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion:101 Resp: 111252
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

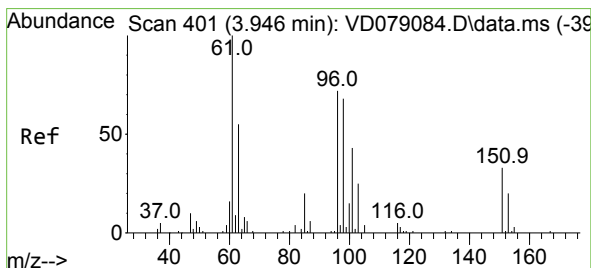
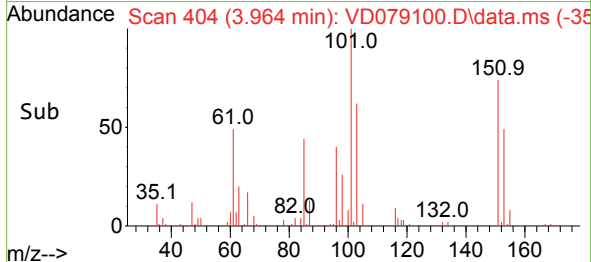
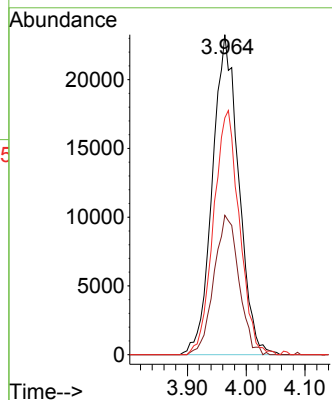
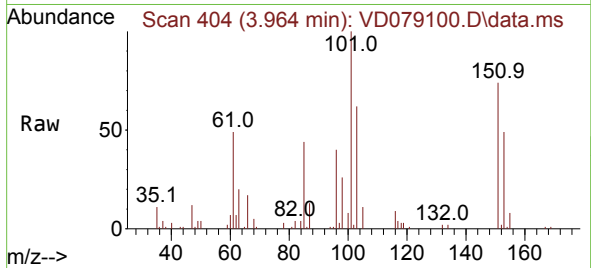




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.972 ug/L
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

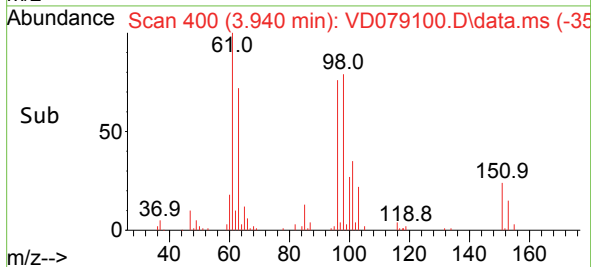
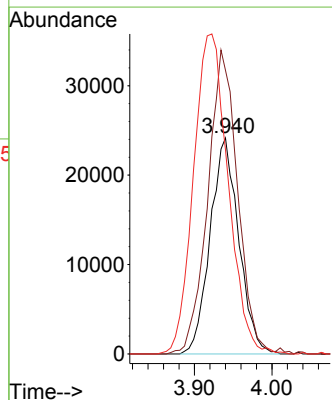
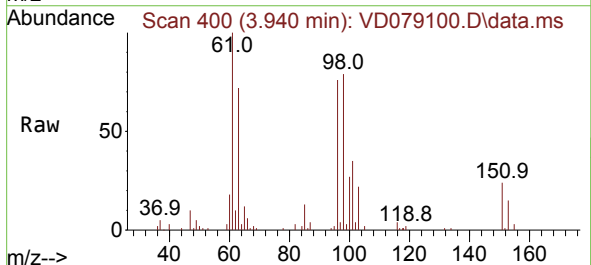
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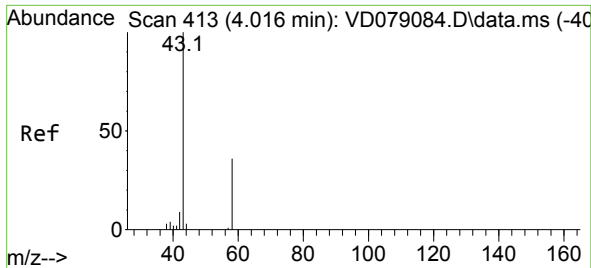
Tgt Ion:101 Resp: 72305
Ion Ratio Lower Upper
101 100
85 40.9 35.4 53.0
151 74.7 59.1 88.7



#12
1,1-Dichloroethene
Concen: 18.685 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

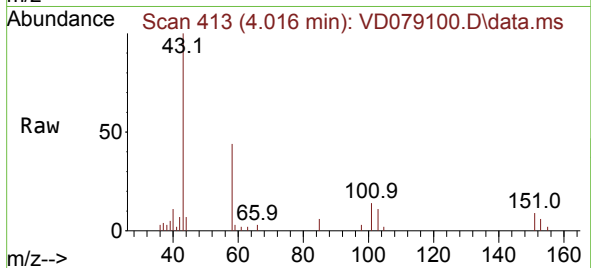
Tgt Ion: 96 Resp: 61995
Ion Ratio Lower Upper
96 100
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63 94.6 67.7 125.7



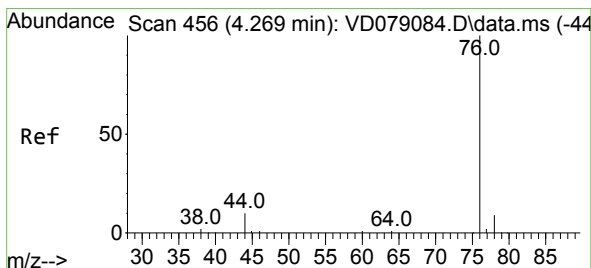
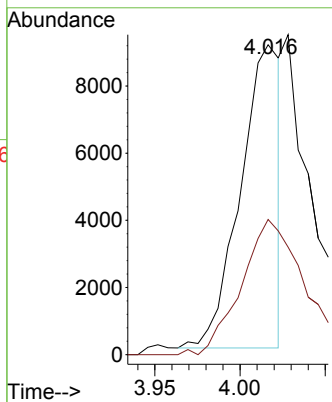
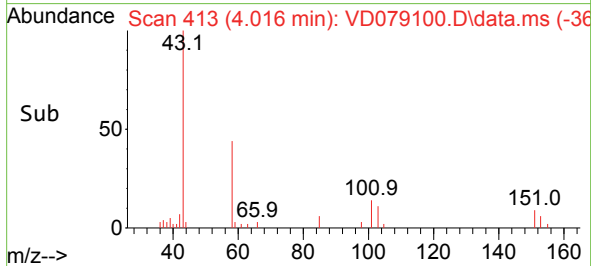


#13
Acetone
Concen: 17.979 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Instrument :
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ClientSampleId :

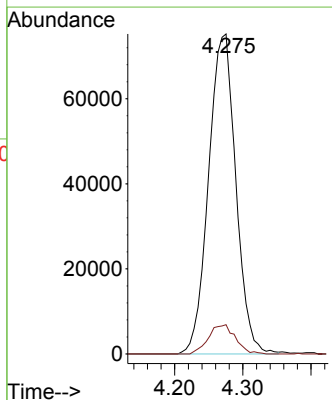
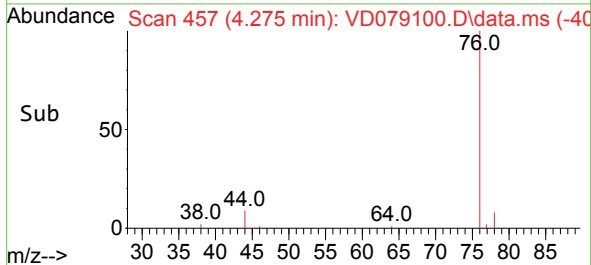
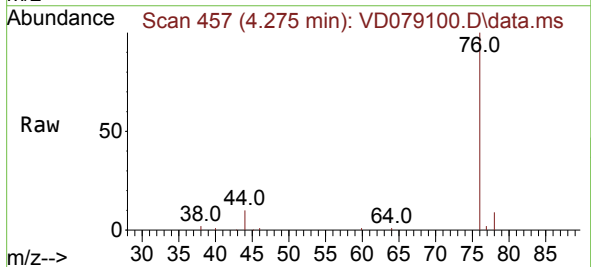


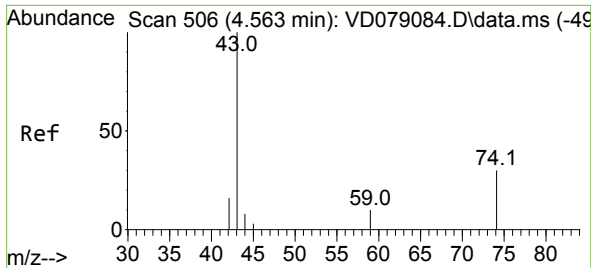
Tgt Ion: 43 Resp: 14678
Ion Ratio Lower Upper
43 100
58 70.1 0.0 78.2



#14
Carbon disulfide
Concen: 18.099 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 209491
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

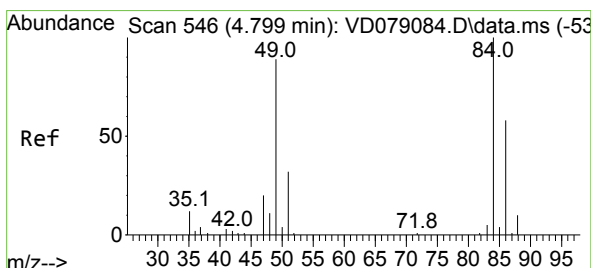
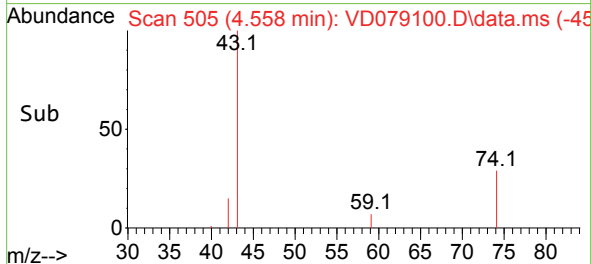
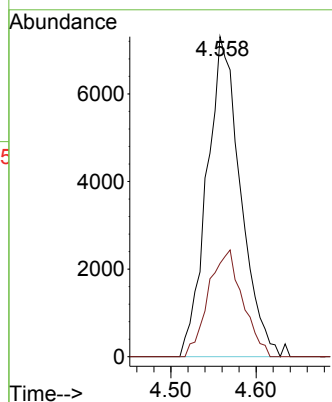
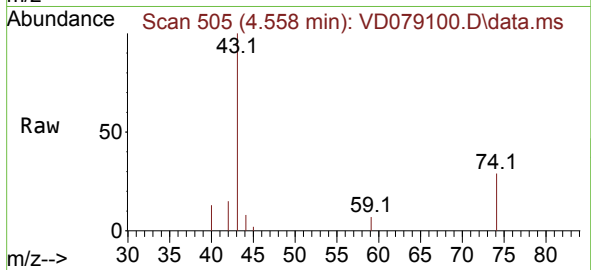




#15
Methyl Acetate
Concen: 18.026 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

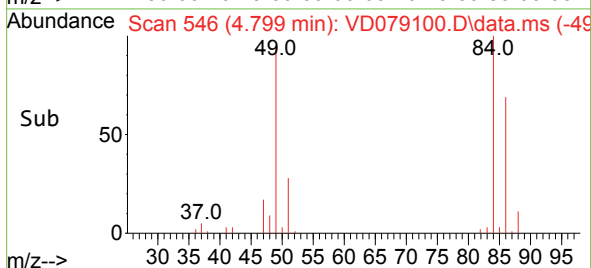
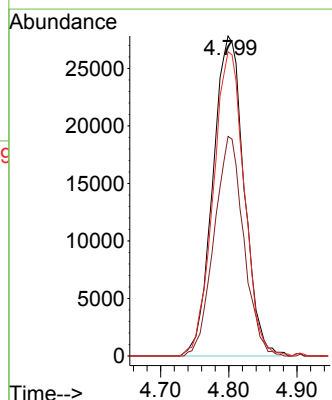
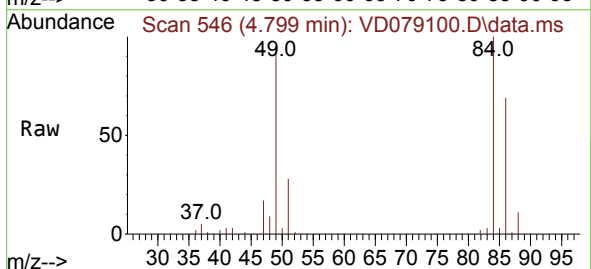
Instrument :
MSVOA_D
ClientSampleId :

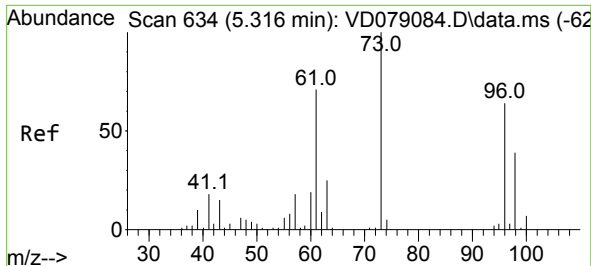
Tgt Ion: 43 Resp: 20051
Ion Ratio Lower Upper
43 100
74 33.9 23.8 35.6



#16
Methylene chloride
Concen: 20.718 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion: 84 Resp: 88442
Ion Ratio Lower Upper
84 100
86 68.6 40.9 76.0
49 95.1 67.5 125.3

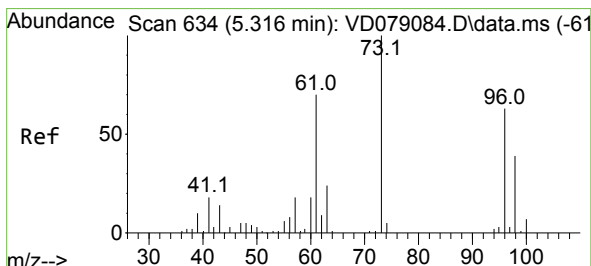
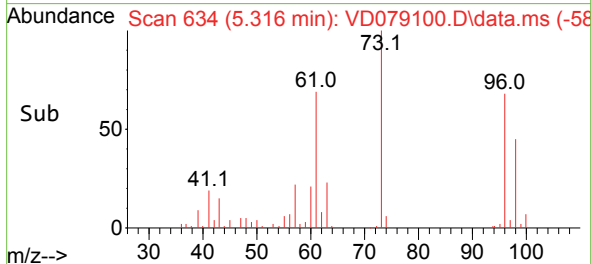
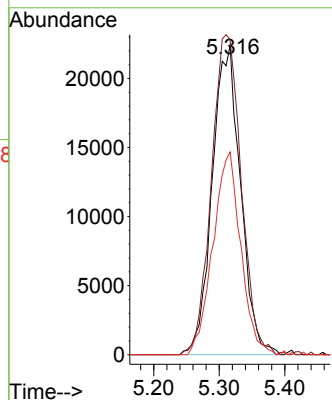
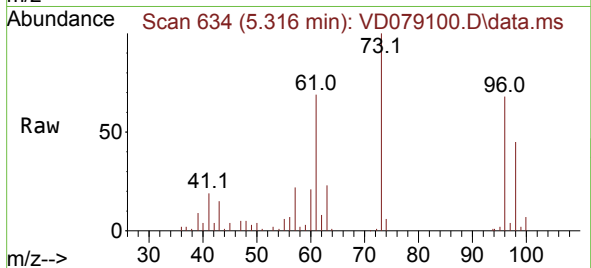




#17
trans-1,2-Dichloroethene
Concen: 18.702 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

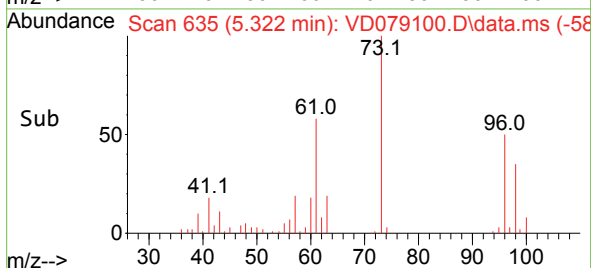
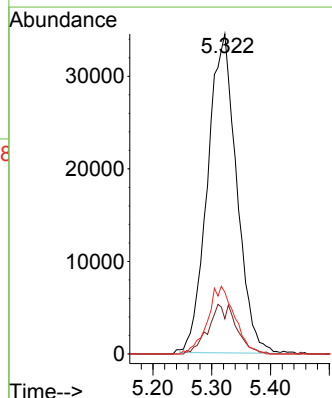
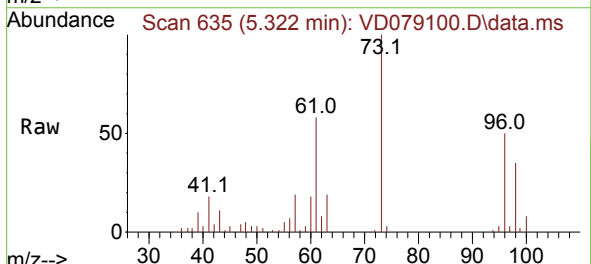
Instrument :
MSVOA_D
ClientSampleId :

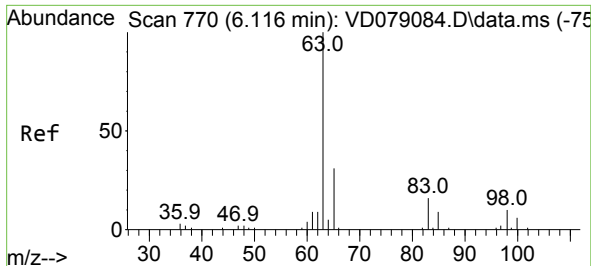
Tgt Ion: 96 Resp: 67059
Ion Ratio Lower Upper
96 100
61 101.8 71.9 133.5
98 65.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 18.597 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion: 73 Resp: 118269
Ion Ratio Lower Upper
73 100
43 9.0 12.0 18.0#
57 8.8 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 18.361 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

ClientSampleId :

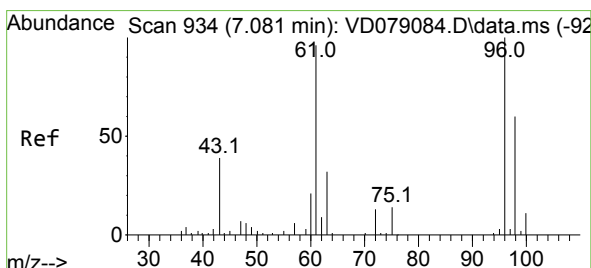
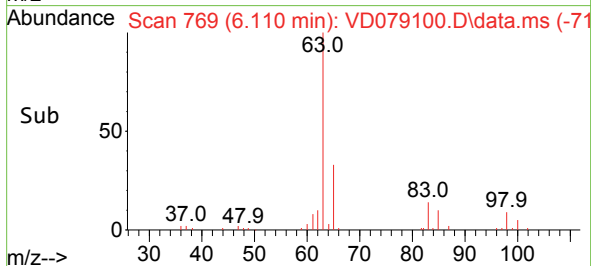
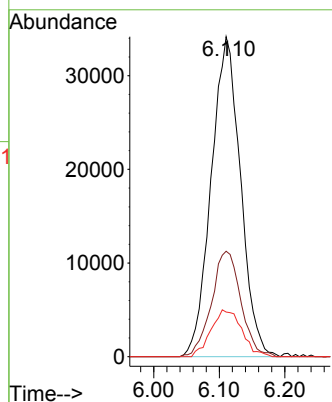
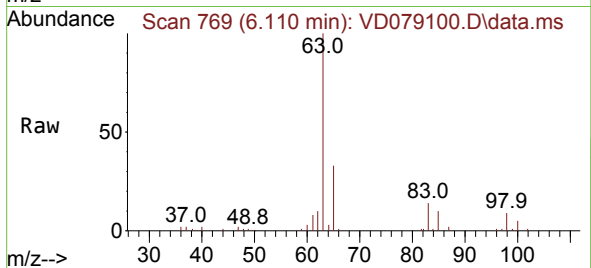
Tgt Ion: 63 Resp: 105997

Ion Ratio Lower Upper

63 100

65 32.9 22.8 42.4

83 14.0 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 19.120 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

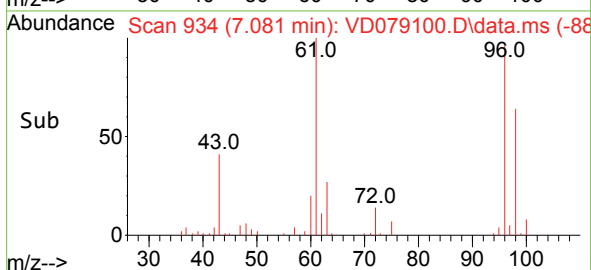
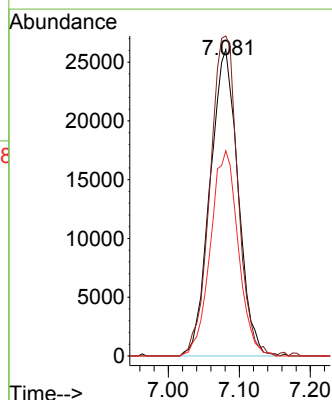
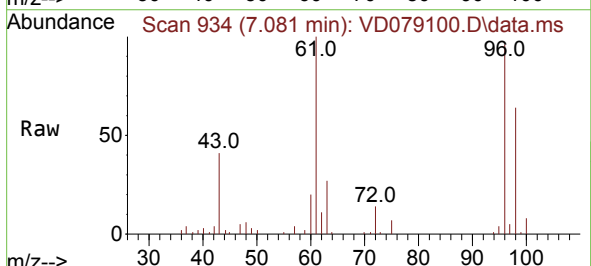
Tgt Ion: 96 Resp: 71389

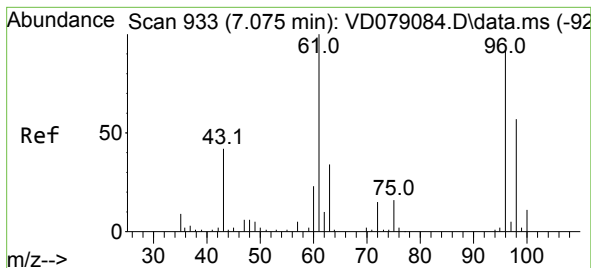
Ion Ratio Lower Upper

96 100

61 104.4 72.6 134.8

98 67.0 43.8 81.3





#22

2-Butanone

Concen: 32.929 ug/L

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

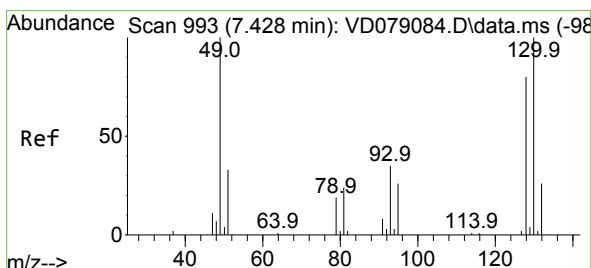
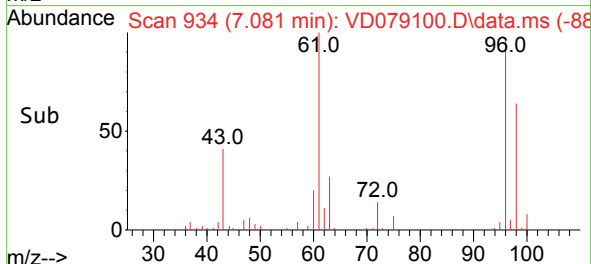
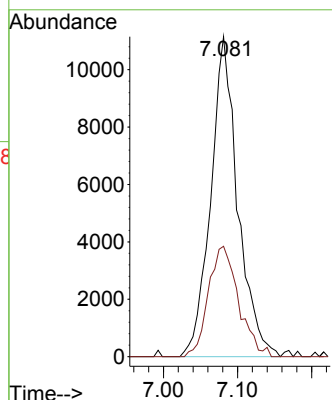
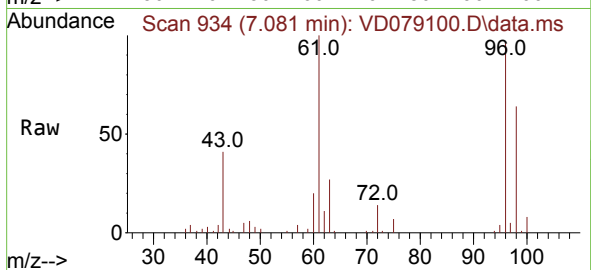
ClientSampleId :

Tgt Ion: 43 Resp: 28241

Ion Ratio Lower Upper

43 100

72 38.1 19.3 57.8



#23

Bromochloromethane

Concen: 18.945 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Tgt Ion:128 Resp: 35862

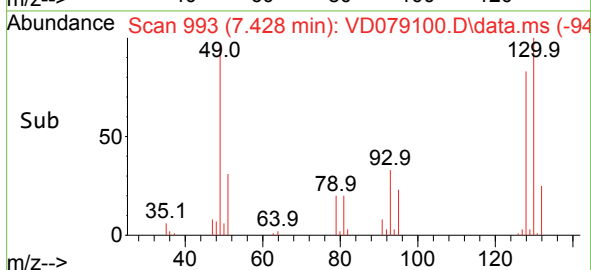
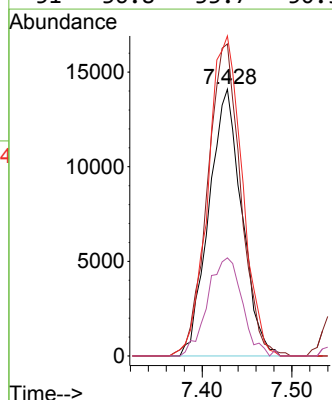
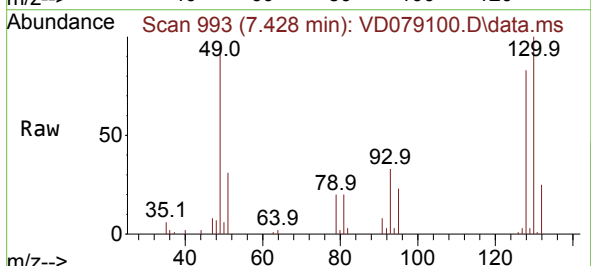
Ion Ratio Lower Upper

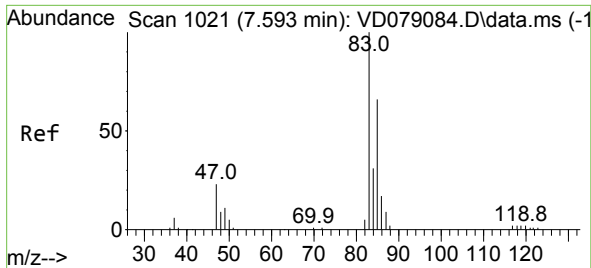
128 100

49 117.0 81.8 151.8

130 120.0 90.4 167.8

51 36.8 33.7 50.5

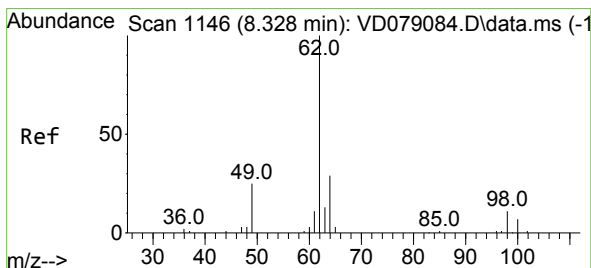
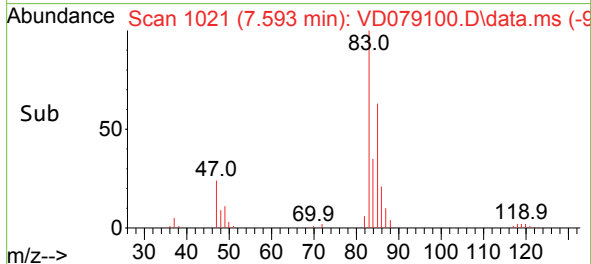
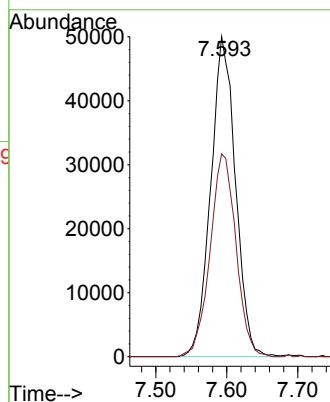
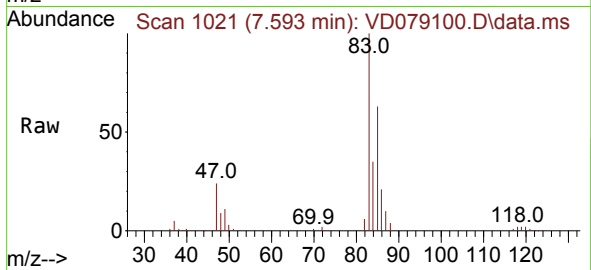




#25
Chloroform
Concen: 18.433 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

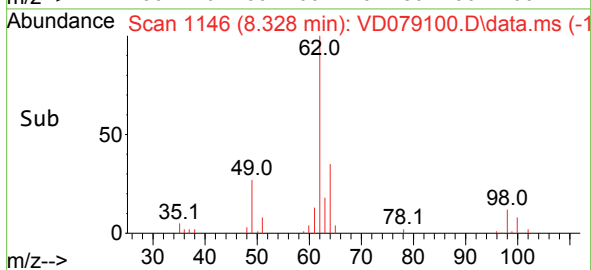
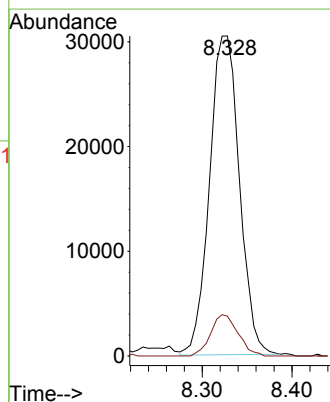
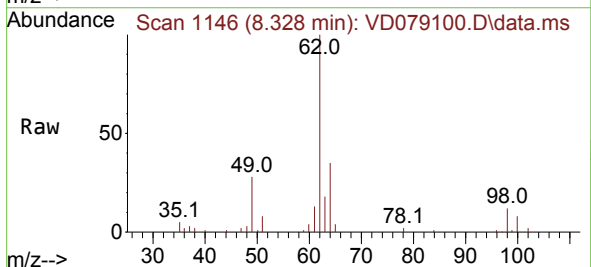
Instrument :
MSVOA_D
ClientSampleId :

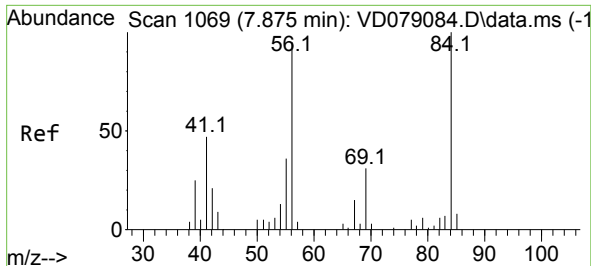
Tgt Ion: 83 Resp: 120820
Ion Ratio Lower Upper
83 100
85 63.4 47.9 89.1



#27
1,2-Dichloroethane
Concen: 18.533 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion: 62 Resp: 70514
Ion Ratio Lower Upper
62 100
98 12.4 8.2 12.4#





#29

Cyclohexane

Concen: 19.728 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

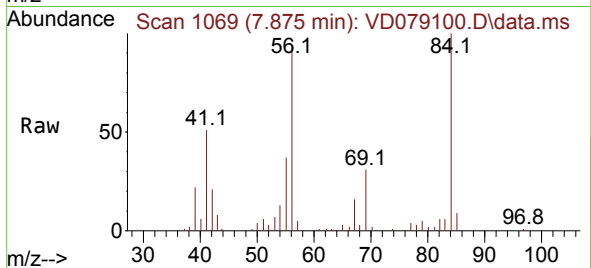
Lab File: VD079100.D

Acq: 30 May 2024 17:00

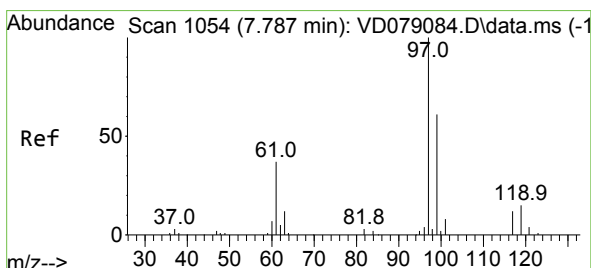
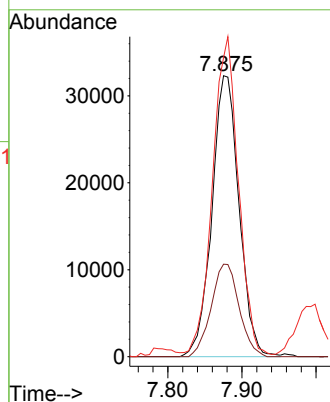
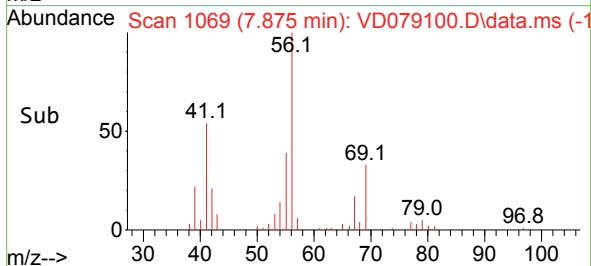
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	82144
Ion Ratio	Lower	Upper	
56	100		
69	33.9	26.6	40.0
84	109.5	87.5	131.3



#30

1,1,1-Trichloroethane

Concen: 18.723 ug/L

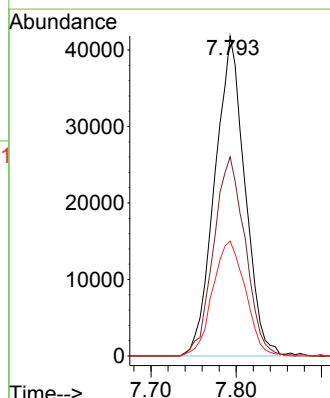
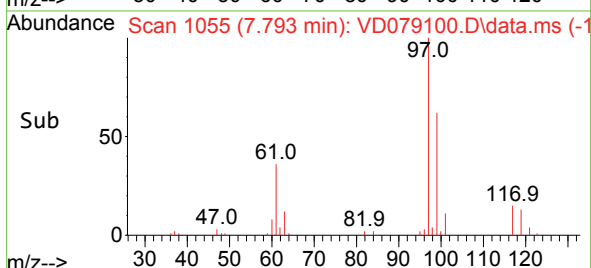
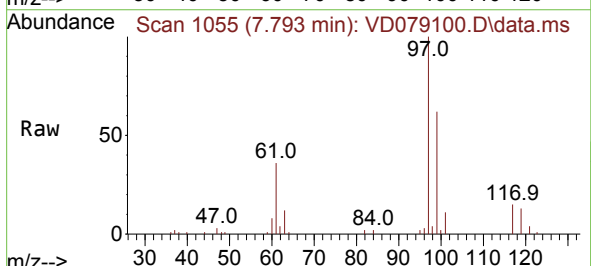
RT: 7.793 min Scan# 1055

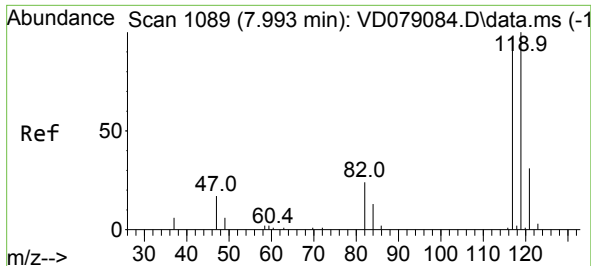
Delta R.T. 0.006 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

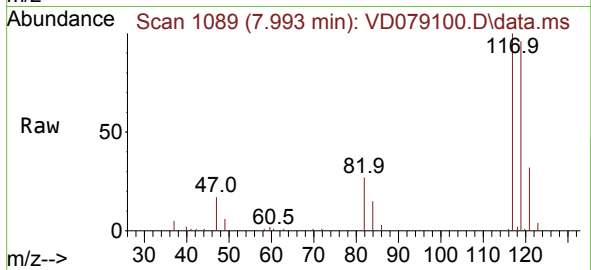
Tgt Ion:	97	Resp:	102296
Ion Ratio	Lower	Upper	
97	100		
99	65.5	52.3	78.5
61	39.0	31.7	47.5



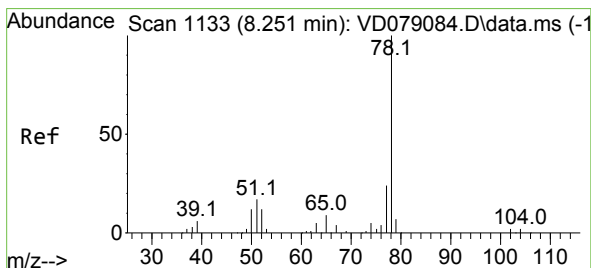
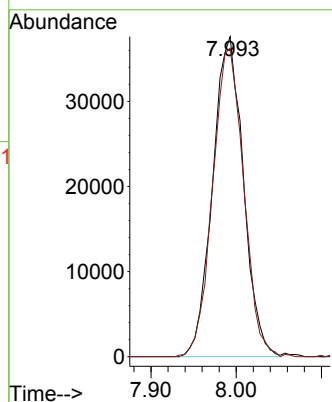
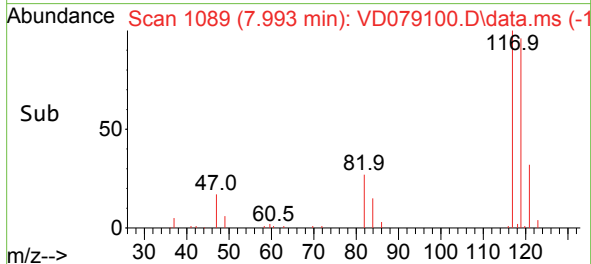


#31
Carbon tetrachloride
Concen: 18.578 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Instrument :
MSVOA_D
ClientSampleId :

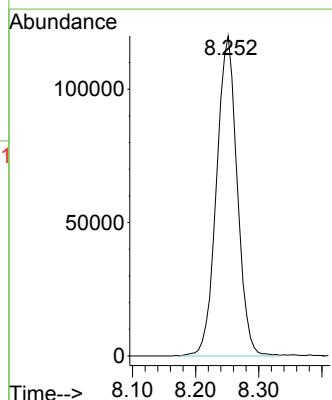
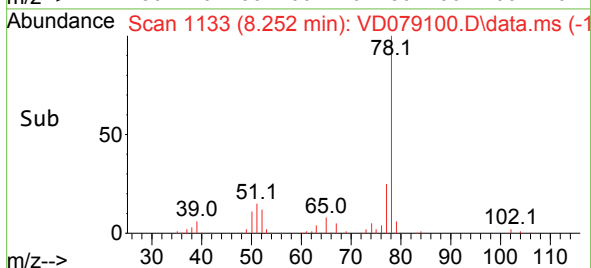
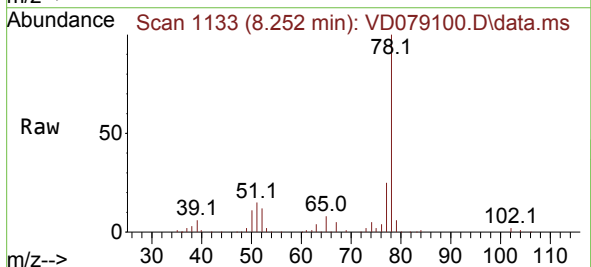


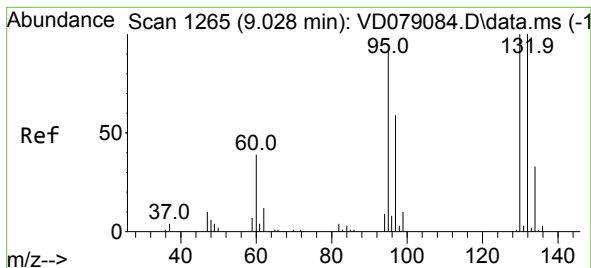
Tgt Ion:117 Resp: 94329
Ion Ratio Lower Upper
117 100
119 97.0 79.6 119.4



#33
Benzene
Concen: 19.867 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion: 78 Resp: 273076





#34

Trichloroethene

Concen: 19.451 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 68859

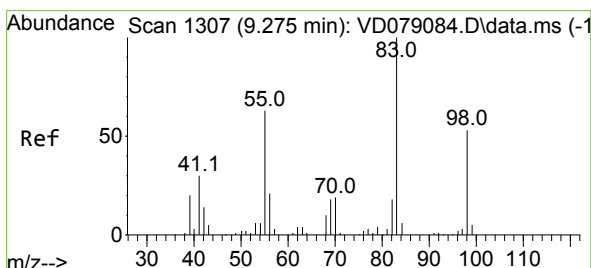
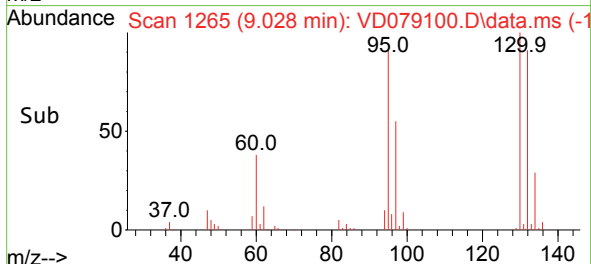
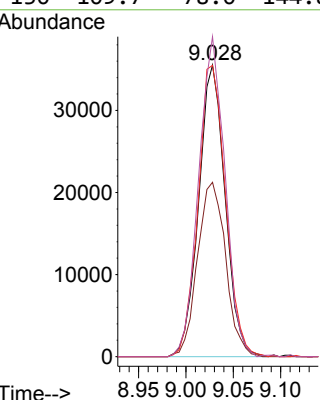
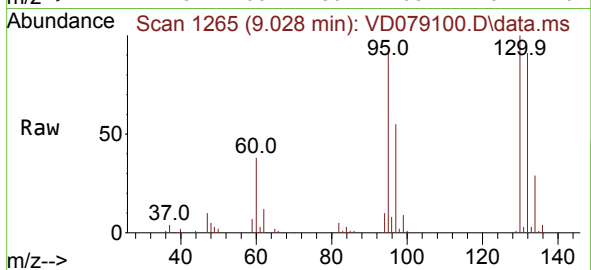
Ion Ratio Lower Upper

95 100

97 59.8 44.6 82.8

132 99.9 74.9 139.1

130 109.7 78.0 144.8



#35

Methylcyclohexane

Concen: 20.092 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

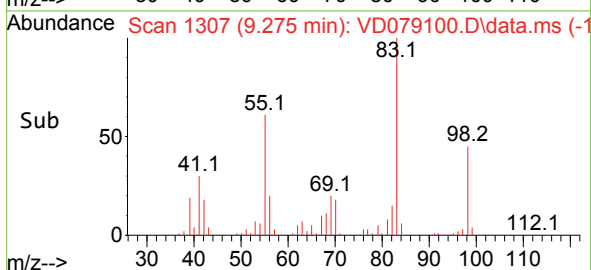
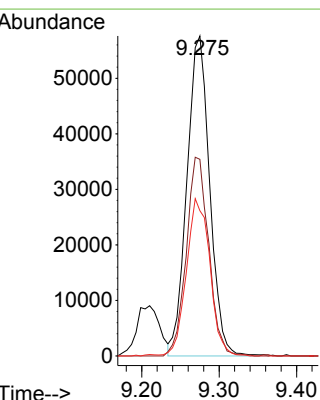
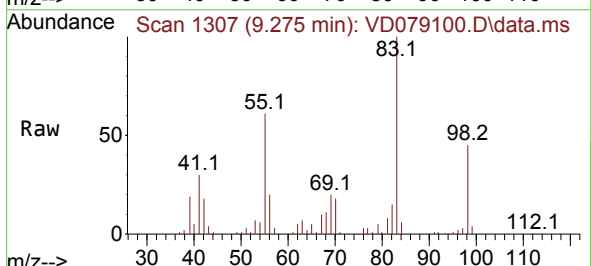
Tgt Ion: 83 Resp: 117860

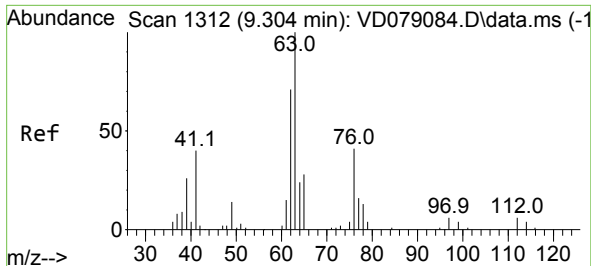
Ion Ratio Lower Upper

83 100

55 61.1 48.6 72.8

98 50.0 40.2 60.2

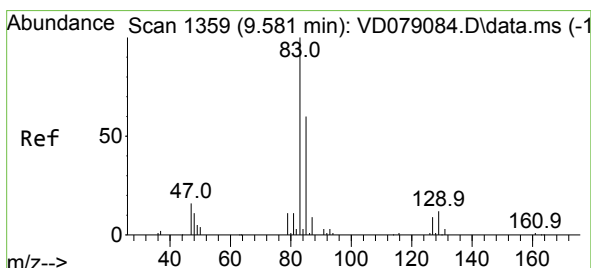
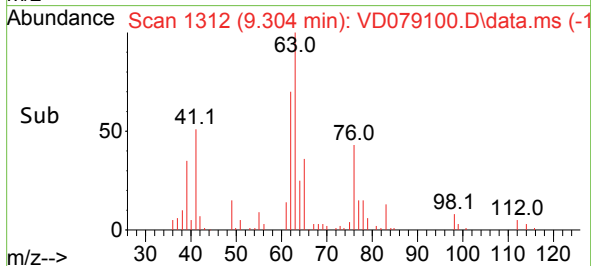
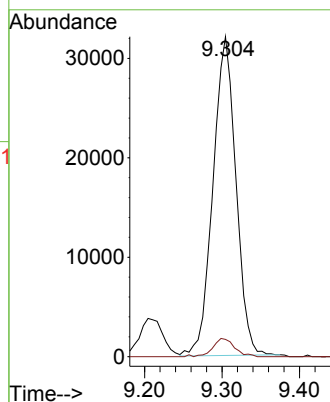
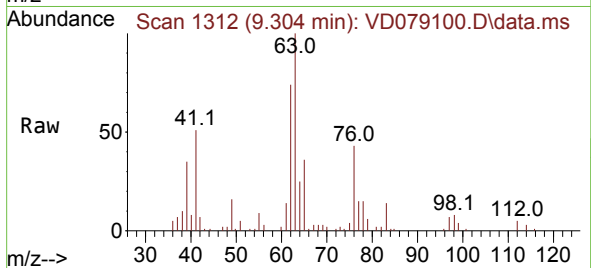




#37
1,2-Dichloropropane
Concen: 19.608 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

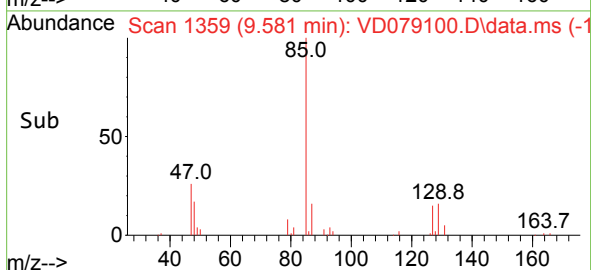
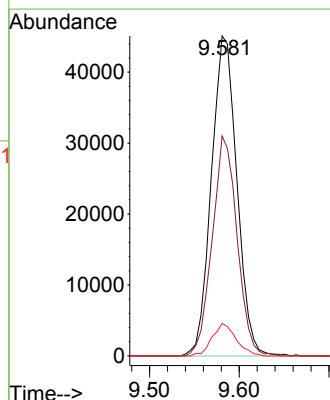
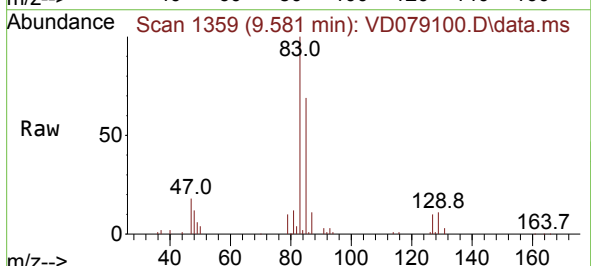
Instrument :
MSVOA_D
ClientSampleId :

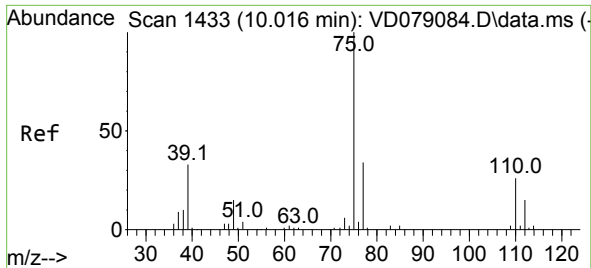
Tgt Ion: 63 Resp: 66016
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 19.042 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion: 83 Resp: 89120
Ion Ratio Lower Upper
83 100
85 68.8 46.5 86.5
127 10.2 7.0 10.6

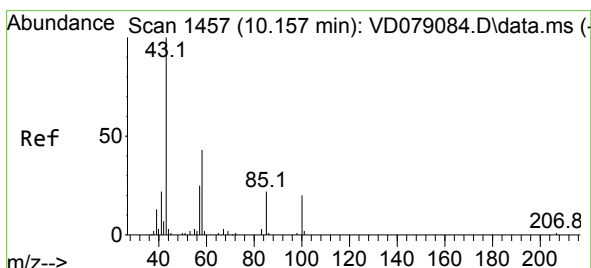
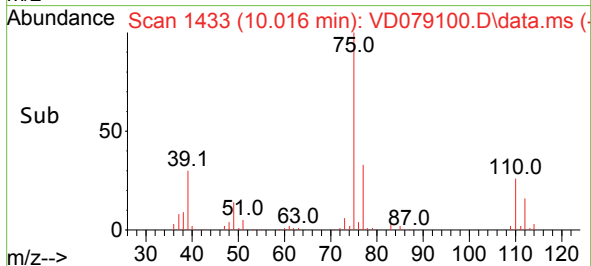
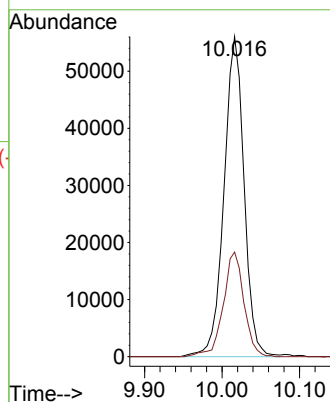
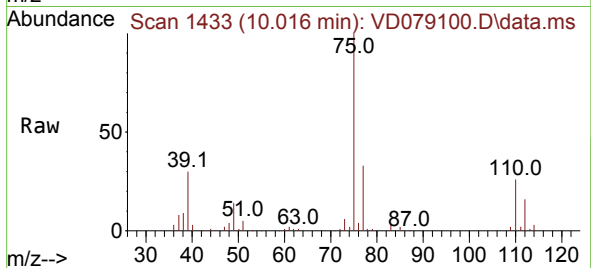




#39
 cis-1,3-Dichloropropene
 Concen: 19.235 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079100.D
 Acq: 30 May 2024 17:00

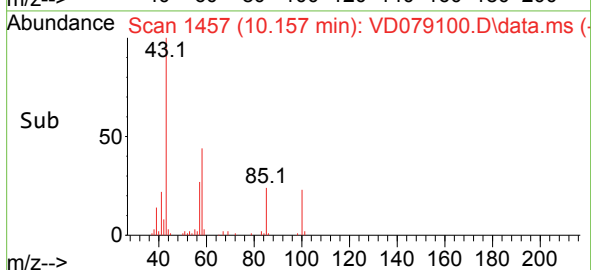
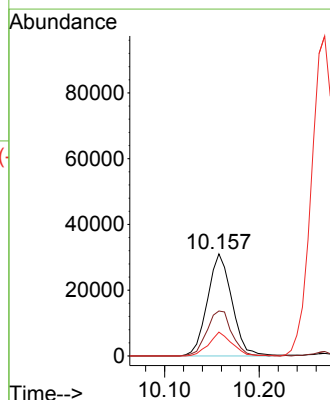
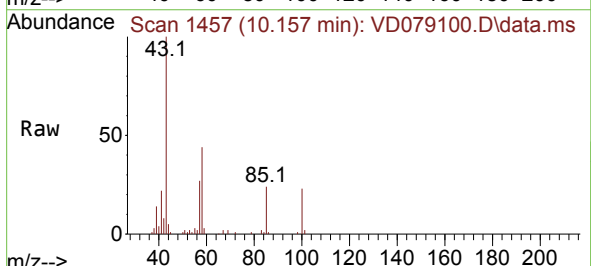
Instrument :
 MSVOA_D
 ClientSampleId :

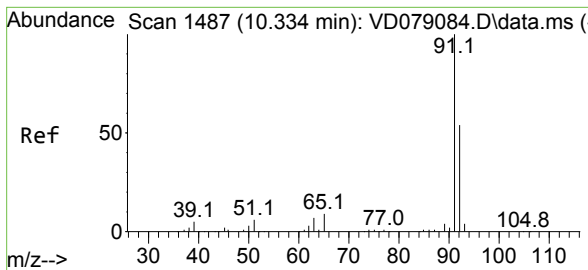
Tgt Ion: 75 Resp: 101090
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 39.726 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079100.D
 Acq: 30 May 2024 17:00

Tgt Ion: 43 Resp: 55832
 Ion Ratio Lower Upper
 43 100
 58 45.0 34.0 51.0
 100 21.8 16.9 25.3





#42

Toluene

Concen: 20.040 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

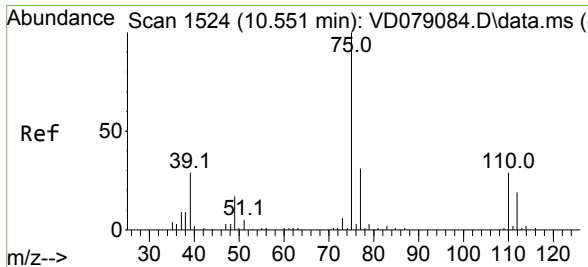
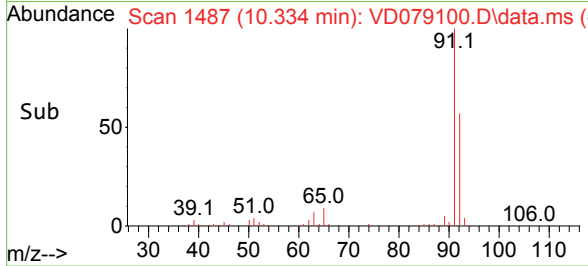
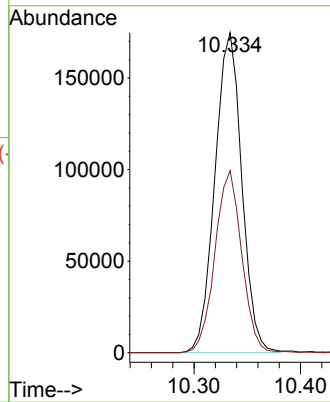
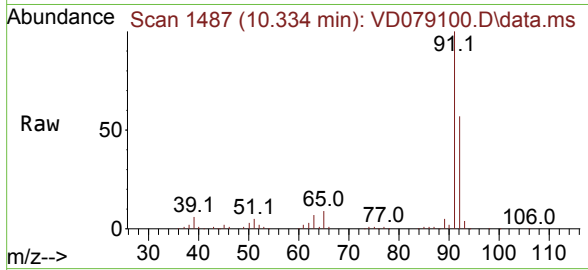
ClientSampleId :

Tgt Ion: 91 Resp: 305865

Ion Ratio Lower Upper

91 100

92 56.9 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 19.758 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079100.D

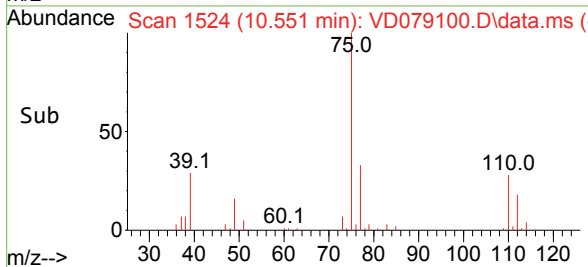
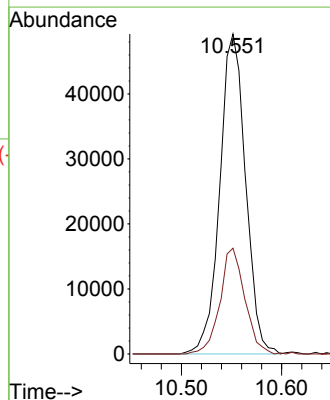
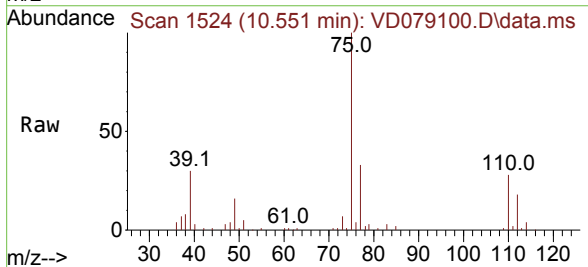
Acq: 30 May 2024 17:00

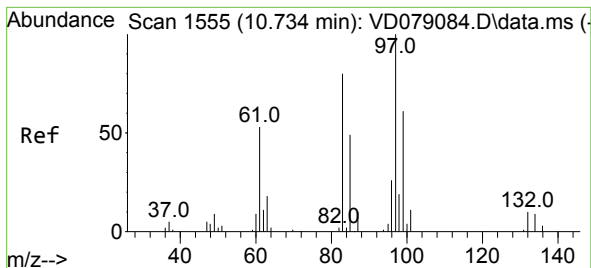
Tgt Ion: 75 Resp: 87810

Ion Ratio Lower Upper

75 100

77 33.1 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 19.193 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 56690

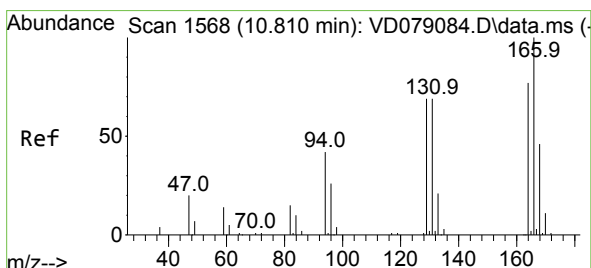
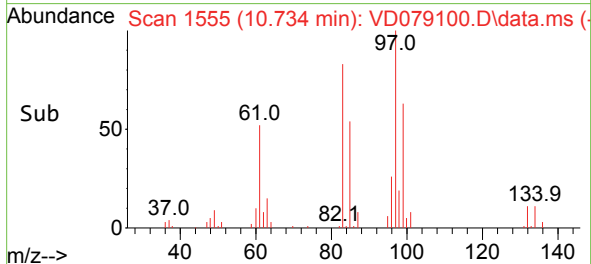
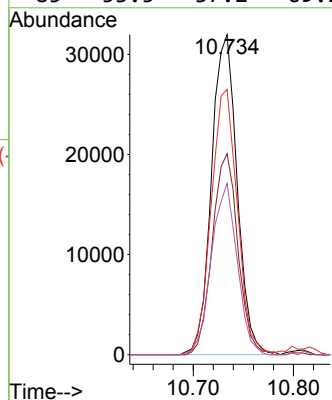
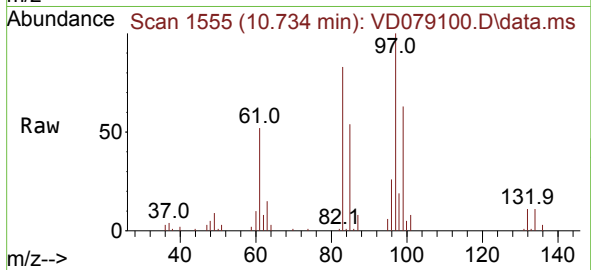
Ion Ratio Lower Upper

97 100

99 62.8 43.0 79.8

83 82.9 58.9 109.5

85 53.5 37.2 69.2



#46

Tetrachloroethene

Concen: 18.955 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Tgt Ion:164 Resp: 59086

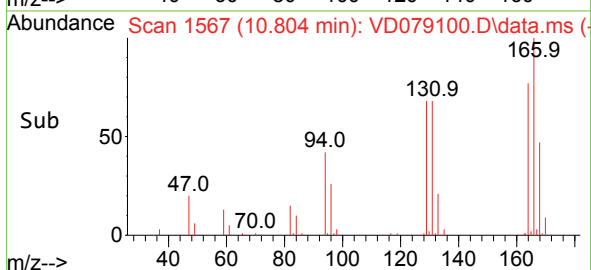
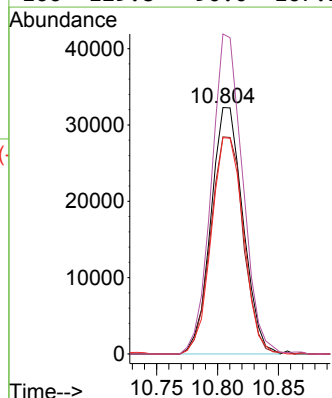
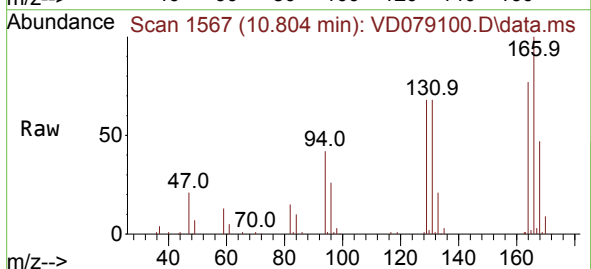
Ion Ratio Lower Upper

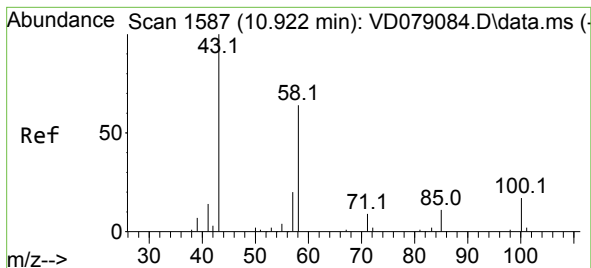
164 100

129 88.1 64.3 119.5

131 87.8 61.2 113.8

166 129.8 90.0 167.2





#48

2-Hexanone

Concen: 36.721 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min

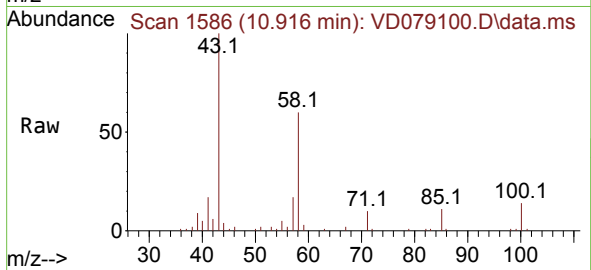
Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 44658

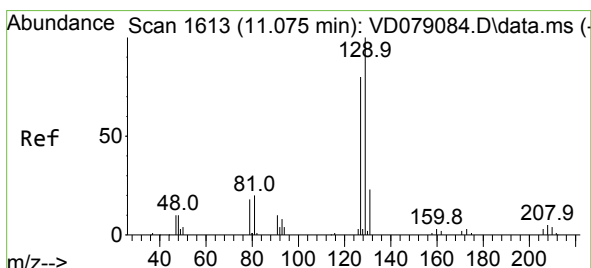
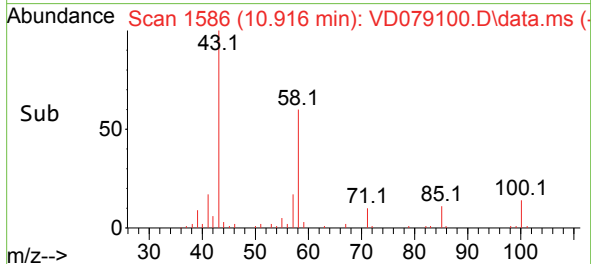
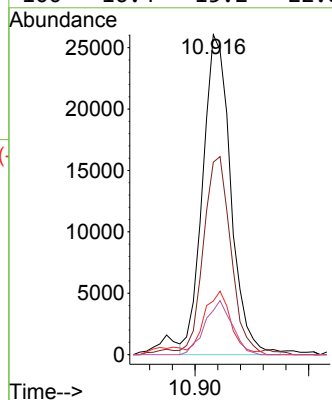
Ion Ratio Lower Upper

43 100

58 58.9 50.1 75.1

57 19.0 16.5 24.7

100 16.4 15.2 22.8



#49

Dibromochloromethane

Concen: 18.514 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079100.D

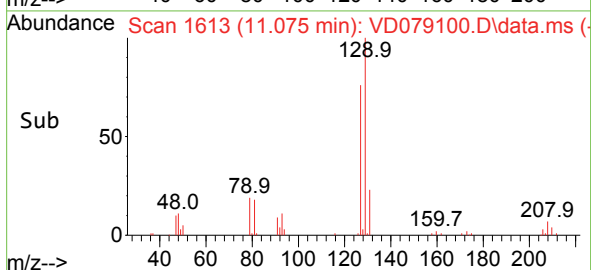
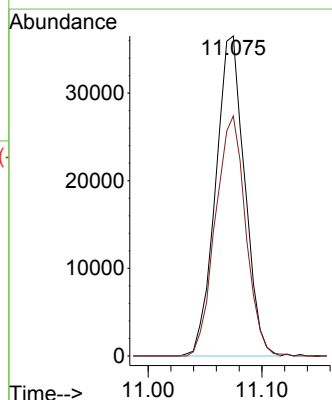
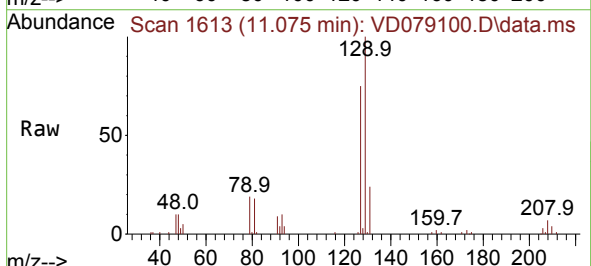
Acq: 30 May 2024 17:00

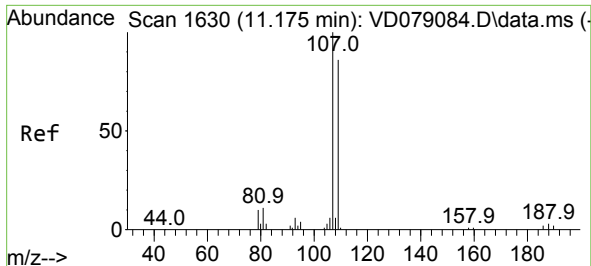
Tgt Ion:129 Resp: 64756

Ion Ratio Lower Upper

129 100

127 75.0 56.4 104.7

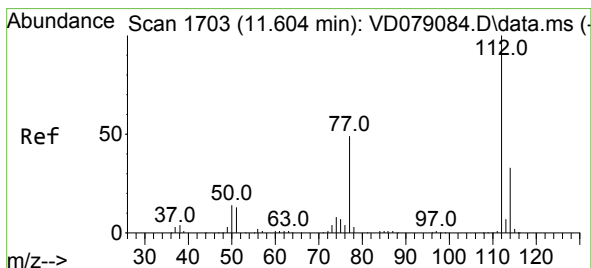
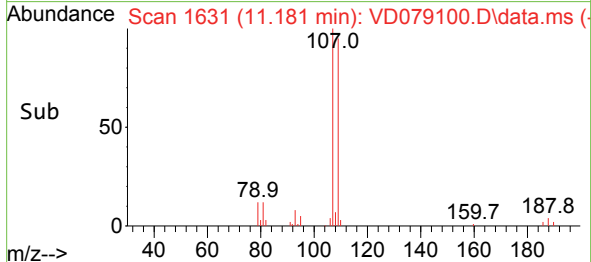
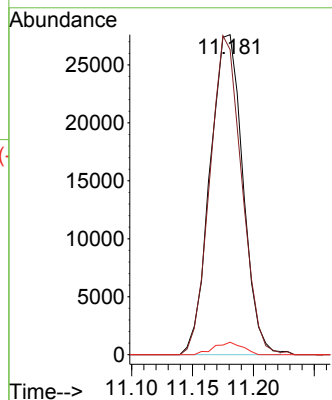
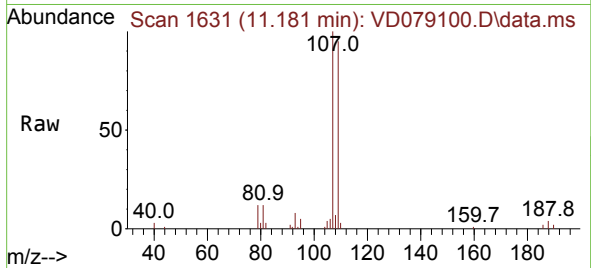




#50
1,2-Dibromoethane
Concen: 19.090 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

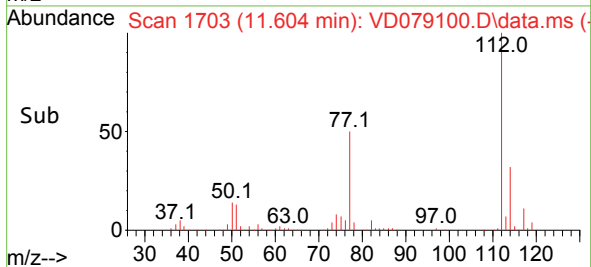
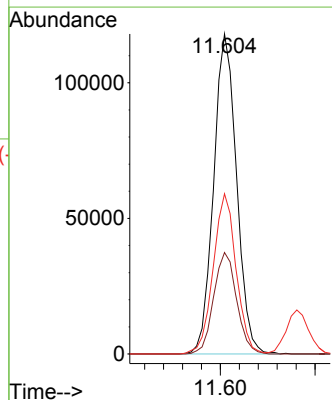
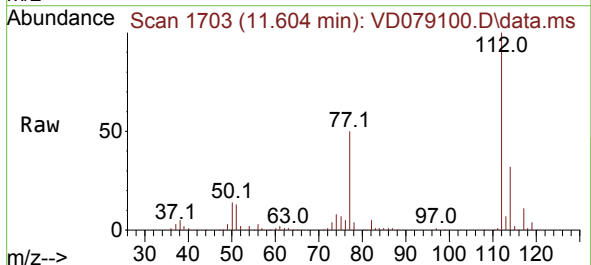
Instrument :
MSVOA_D
ClientSampleId :

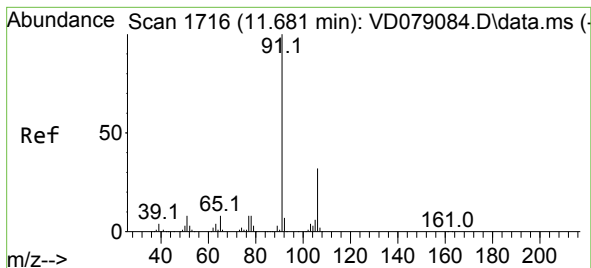
Tgt Ion:107 Resp: 51820
Ion Ratio Lower Upper
107 100
109 95.3 64.5 119.7
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 19.520 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion:112 Resp: 198235
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.3
77 50.0 38.4 57.6





#52

Ethylbenzene

Concen: 19.843 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

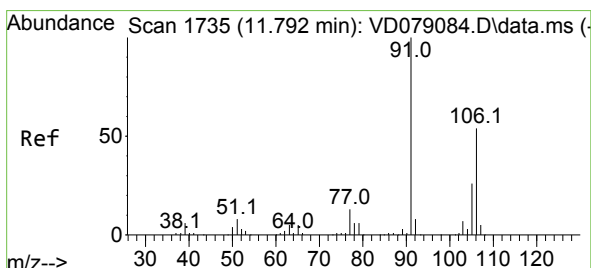
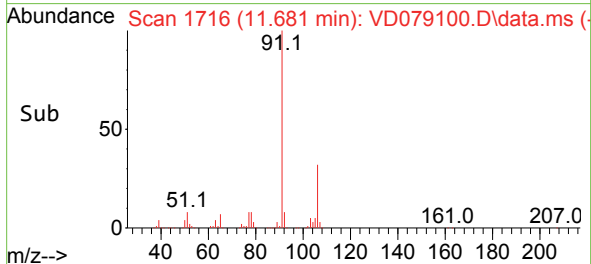
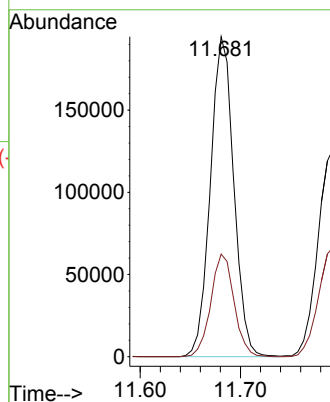
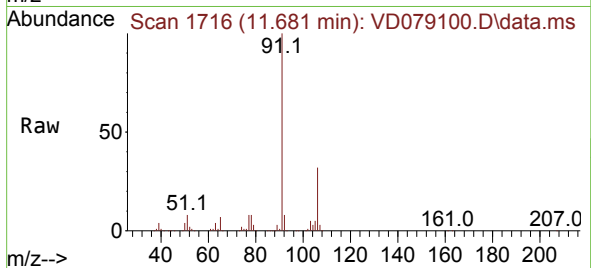
ClientSampleId :

Tgt Ion: 91 Resp: 315905

Ion Ratio Lower Upper

91 100

106 32.0 22.3 41.5



#53

m,p-Xylene

Concen: 19.751 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079100.D

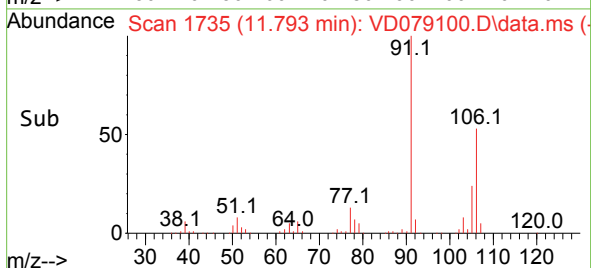
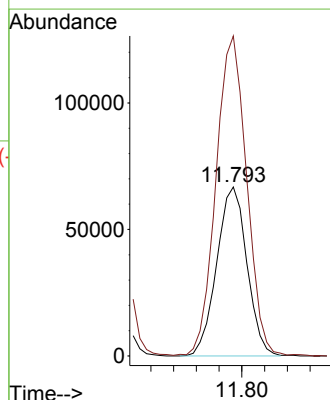
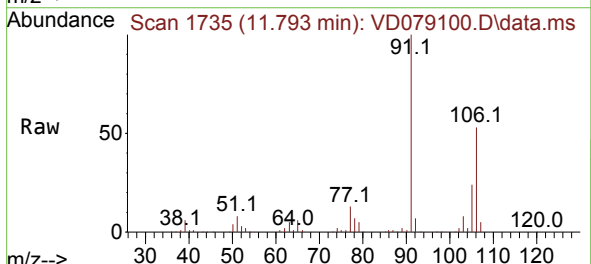
Acq: 30 May 2024 17:00

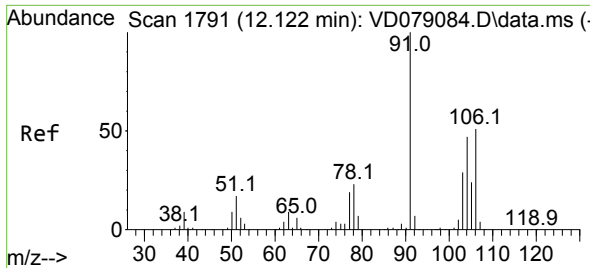
Tgt Ion:106 Resp: 123370

Ion Ratio Lower Upper

106 100

91 189.4 133.1 247.1

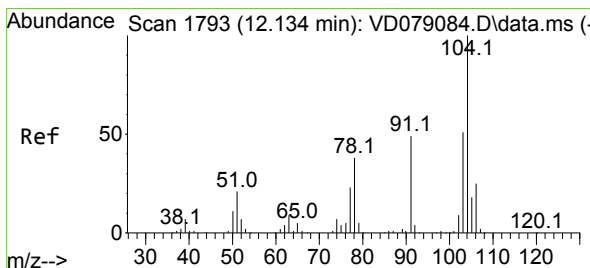
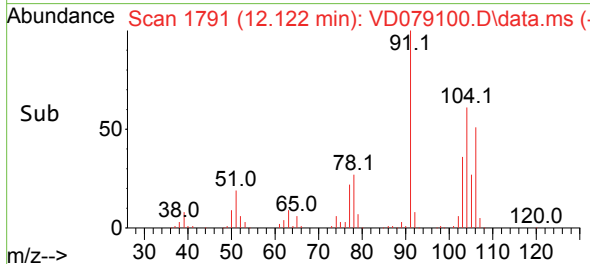
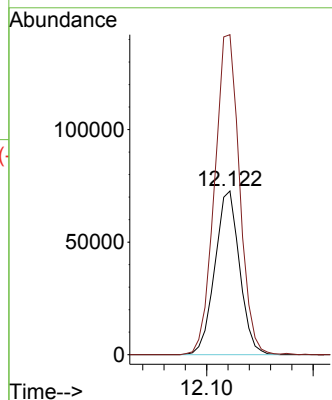
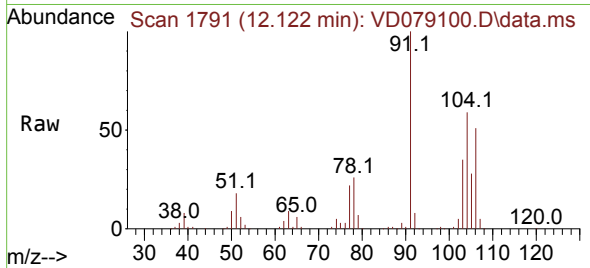




#54
o-Xylene
Concen: 19.389 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

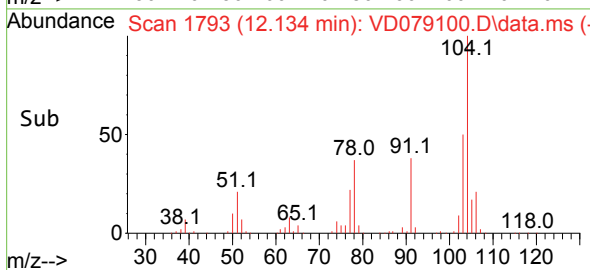
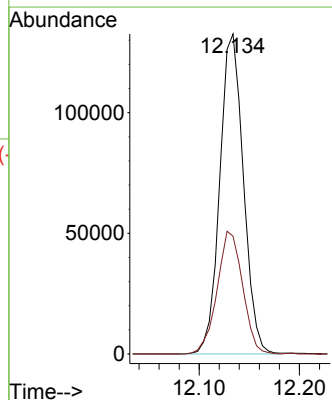
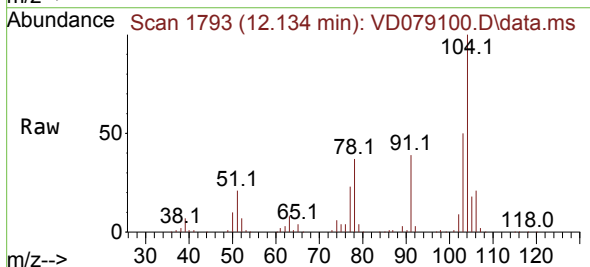
Instrument :
MSVOA_D
ClientSampleId :

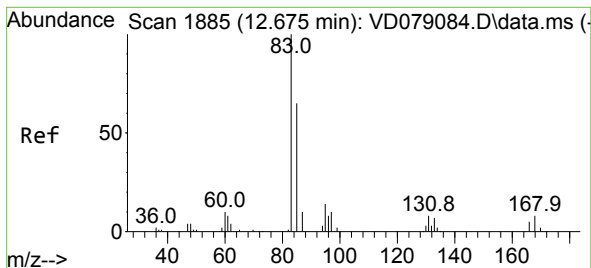
Tgt Ion:106 Resp: 117010
Ion Ratio Lower Upper
106 100
91 195.4 132.9 246.9



#55
Styrene
Concen: 20.238 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion:104 Resp: 216555
Ion Ratio Lower Upper
104 100
78 36.8 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 19.177 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD079100.D

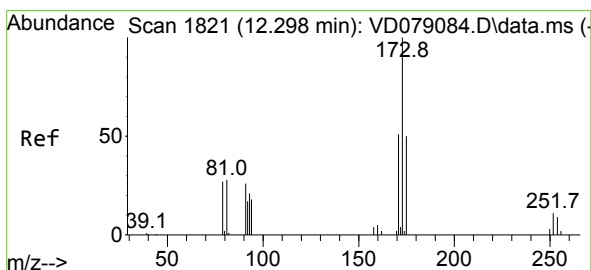
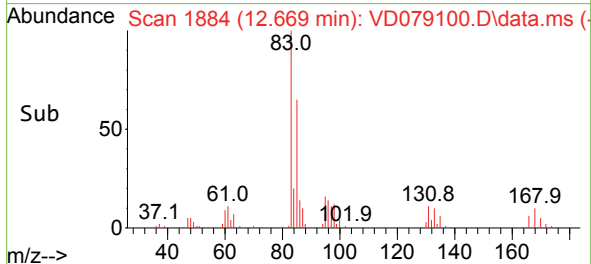
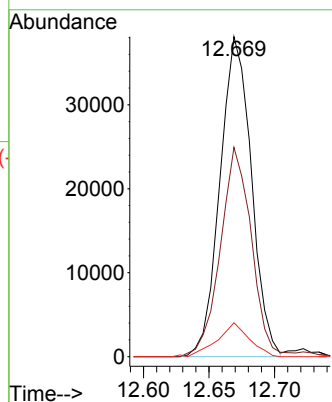
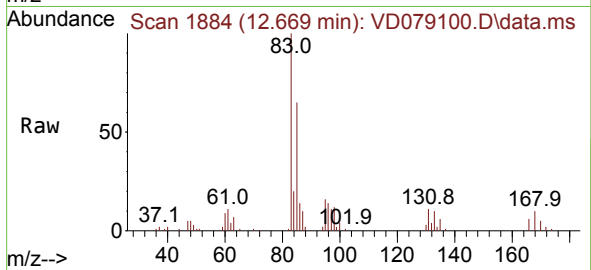
Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	63405
Ion Ratio	Lower	Upper	
83	100		
85	65.4	47.5	88.1
131	10.6	8.6	13.0



#59

Bromoform

Concen: 18.688 ug/L

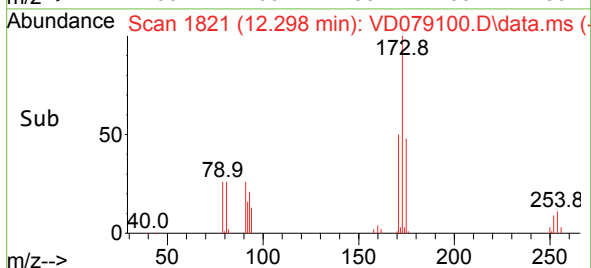
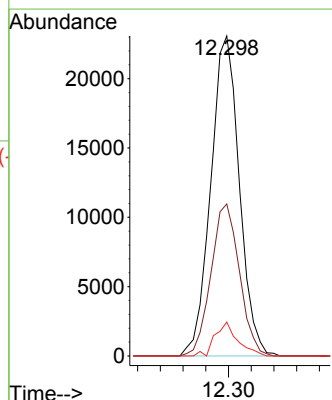
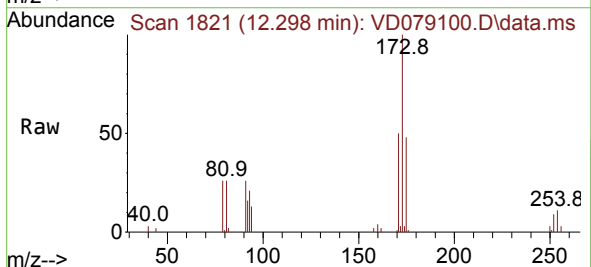
RT: 12.298 min Scan# 1821

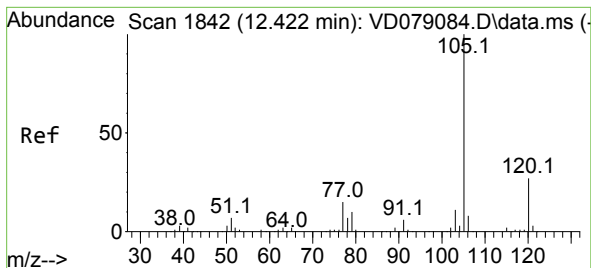
Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Tgt Ion:	173	Resp:	40317
Ion Ratio	Lower	Upper	
173	100		
175	47.3	38.2	57.4
254	8.1	7.0	10.6





#60

Isopropylbenzene

Concen: 19.917 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

ClientSampleId :

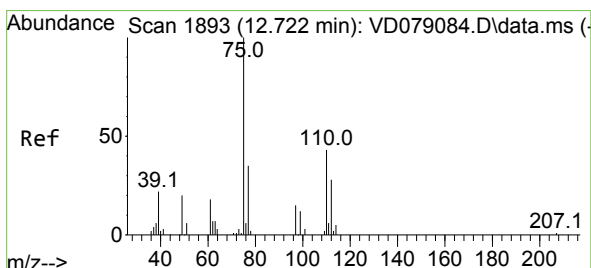
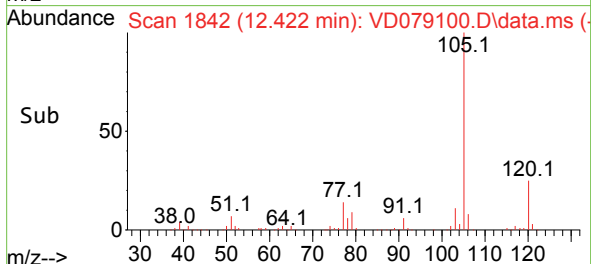
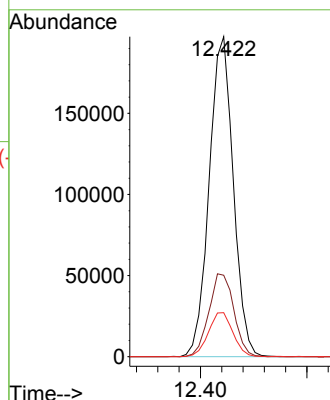
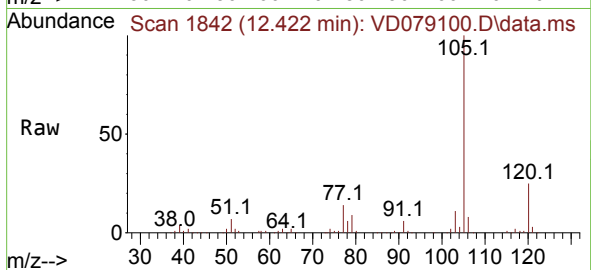
Tgt Ion:105 Resp: 309995

Ion Ratio Lower Upper

105 100

120 26.8 21.9 32.9

77 14.0 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 19.471 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

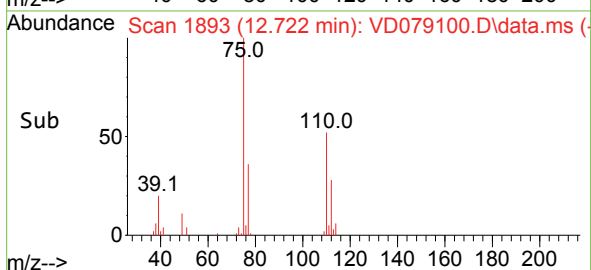
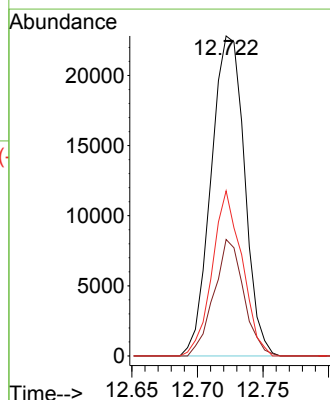
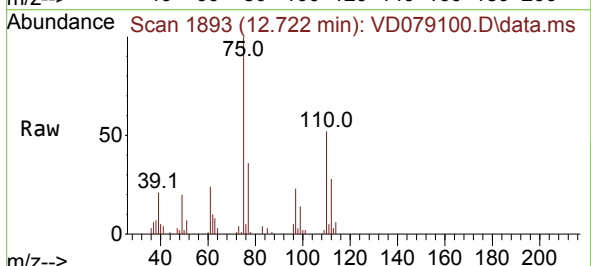
Tgt Ion: 75 Resp: 40463

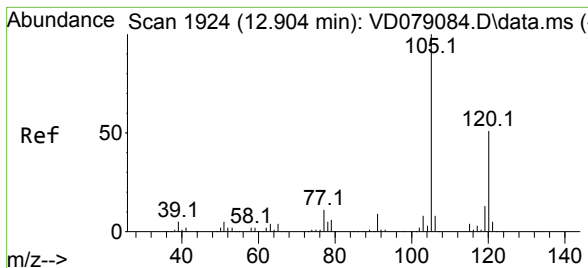
Ion Ratio Lower Upper

75 100

77 32.5 25.9 38.9

110 46.1 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 19.543 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

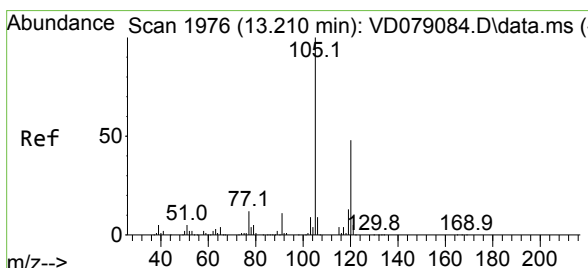
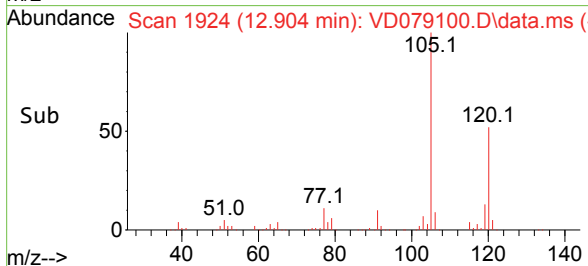
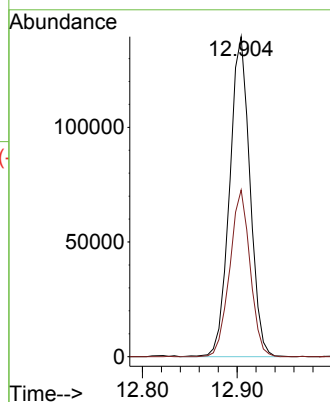
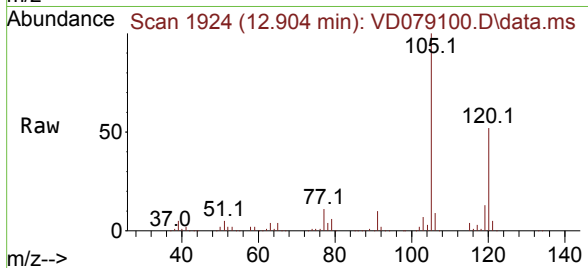
ClientSampleId :

Tgt Ion:105 Resp: 207972

Ion Ratio Lower Upper

105 100

120 52.1 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 19.991 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079100.D

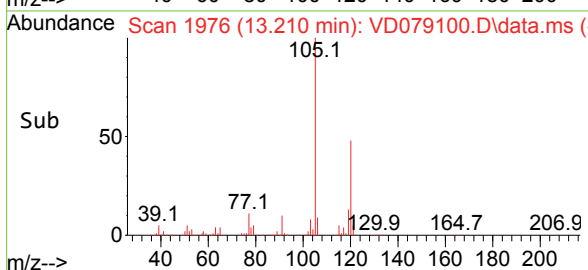
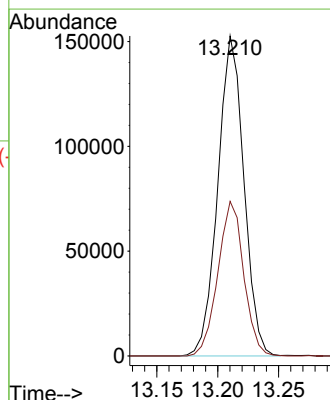
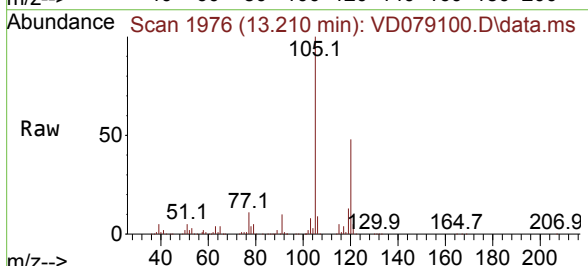
Acq: 30 May 2024 17:00

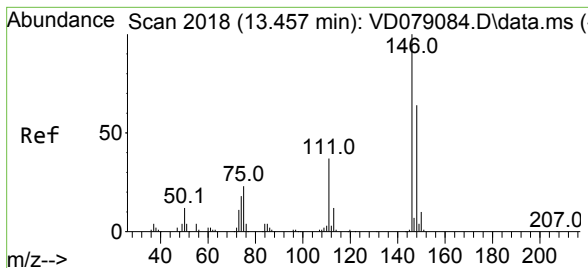
Tgt Ion:105 Resp: 227545

Ion Ratio Lower Upper

105 100

120 47.9 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 19.388 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

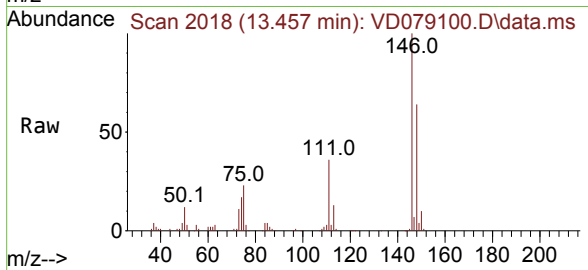
Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

ClientSampleId :



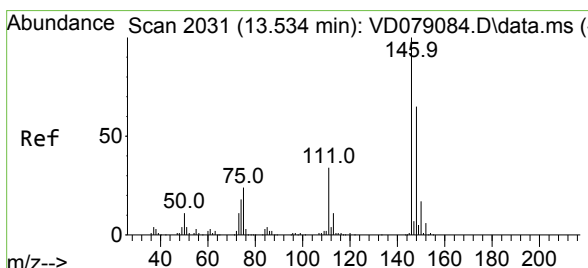
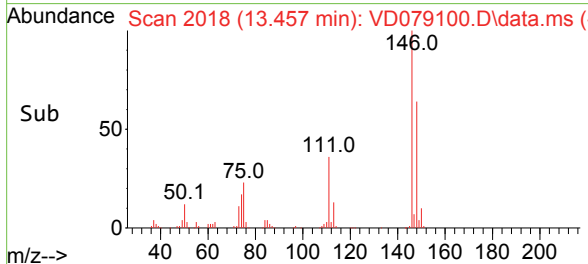
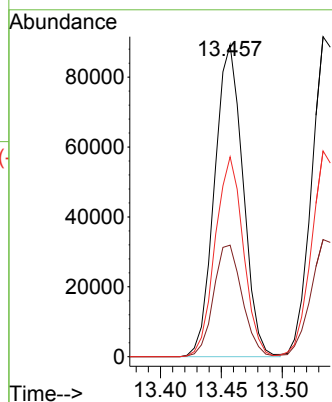
Tgt Ion:146 Resp: 144968

Ion Ratio Lower Upper

146 100

111 35.8 24.4 45.4

148 64.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 19.013 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

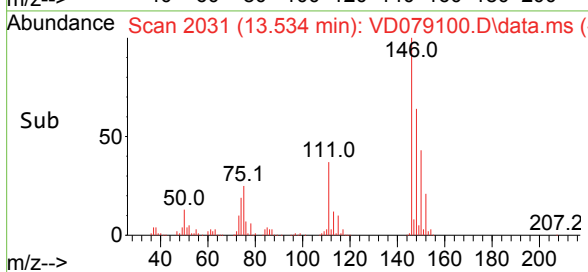
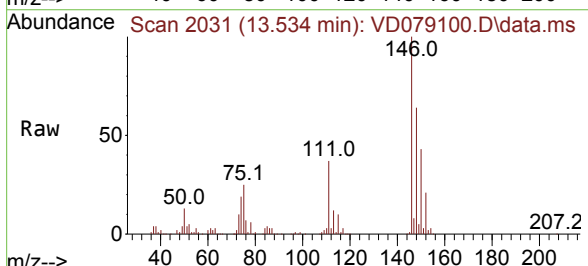
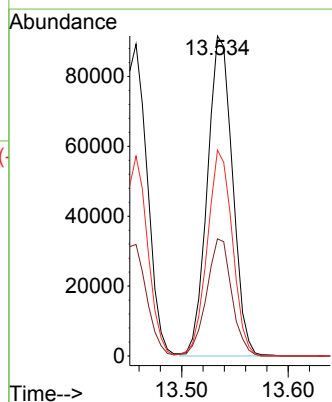
Tgt Ion:146 Resp: 150629

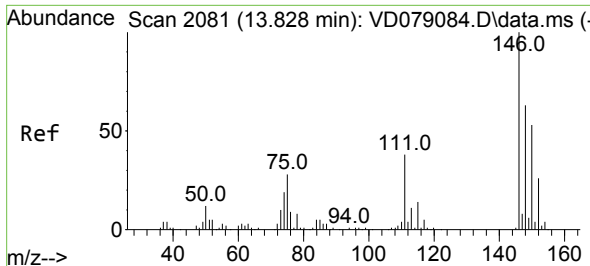
Ion Ratio Lower Upper

146 100

111 36.6 26.3 48.9

148 64.3 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 19.321 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

MSVOA_D

ClientSampleId :

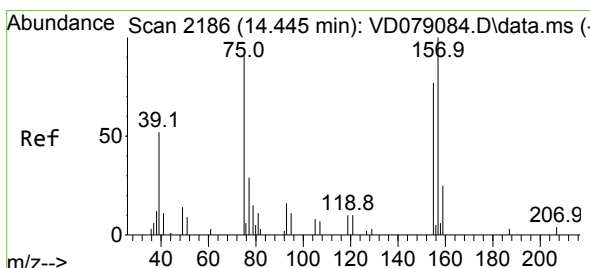
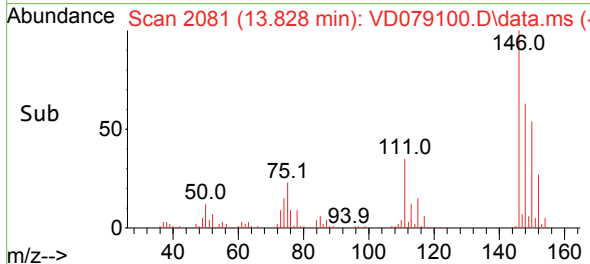
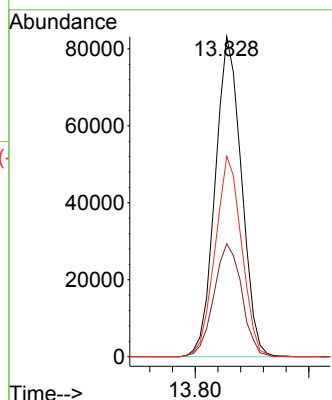
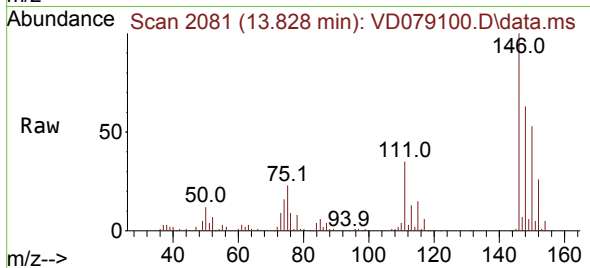
Tgt Ion:146 Resp: 133548

Ion Ratio Lower Upper

146 100

111 35.3 29.1 43.7

148 62.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.927 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079100.D

Acq: 30 May 2024 17:00

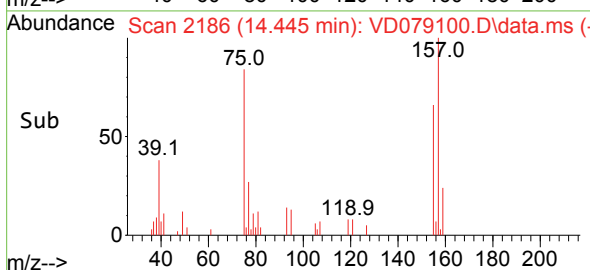
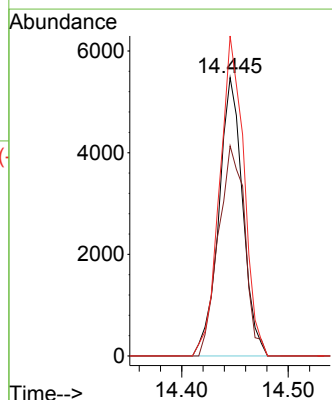
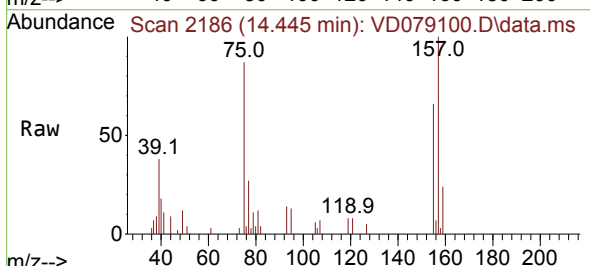
Tgt Ion: 75 Resp: 8513

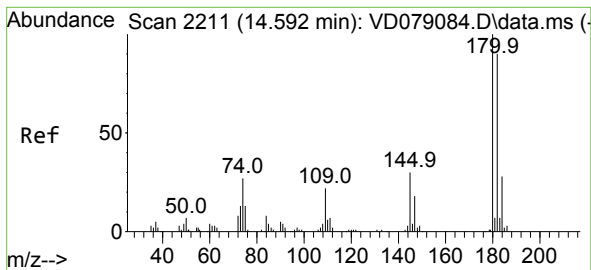
Ion Ratio Lower Upper

75 100

155 75.5 68.1 102.1

157 115.0 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 18.435 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

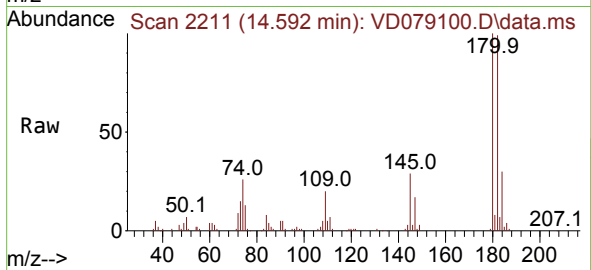
Lab File: VD079100.D

Acq: 30 May 2024 17:00

Instrument :

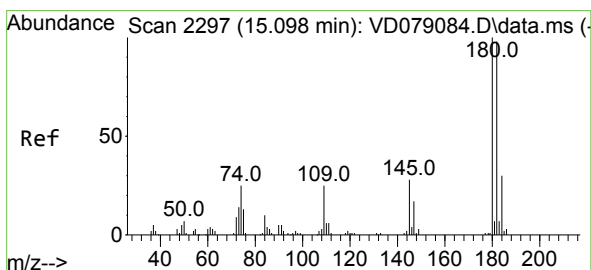
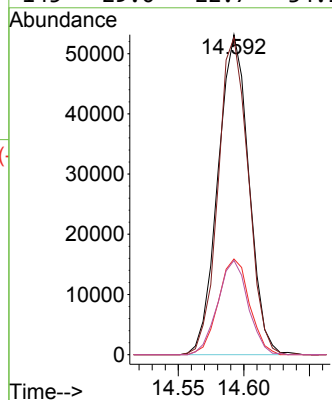
MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 86937

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.9	115.3
184	30.2	23.3	34.9
145	29.0	22.7	34.1



#70

1,2,4-trichlorobenzene

Concen: 17.394 ug/L

RT: 15.098 min Scan# 2297

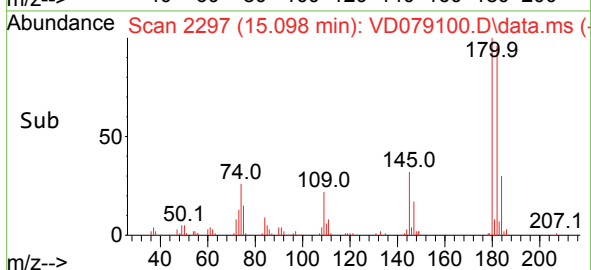
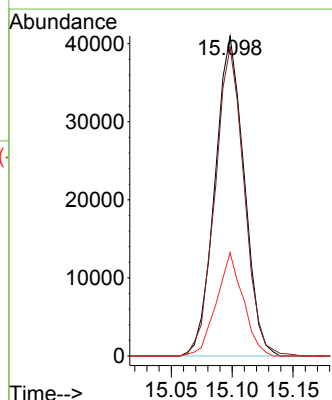
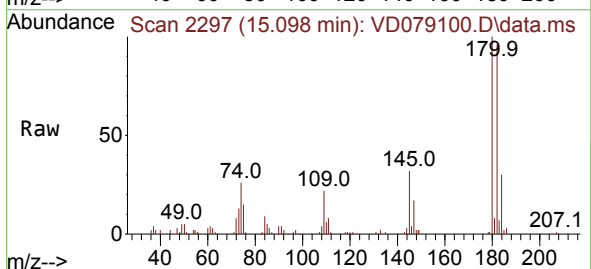
Delta R.T. 0.000 min

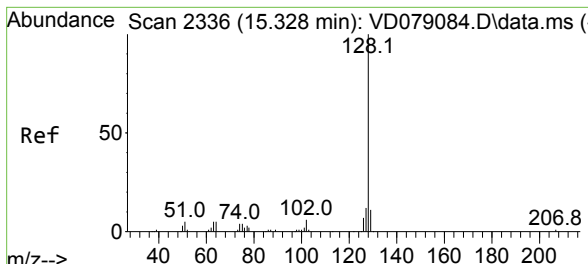
Lab File: VD079100.D

Acq: 30 May 2024 17:00

Tgt Ion:180 Resp: 68125

Ion	Ratio	Lower	Upper
180	100		
182	96.5	73.8	110.6
145	29.6	22.3	33.5

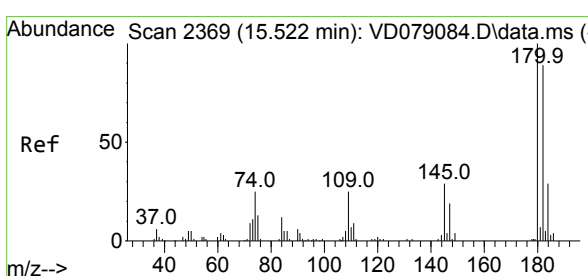
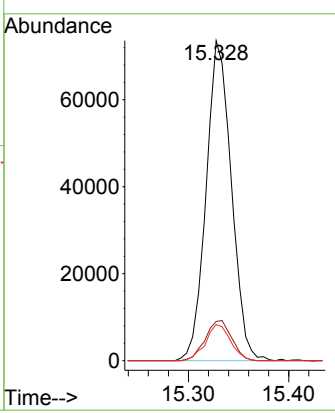
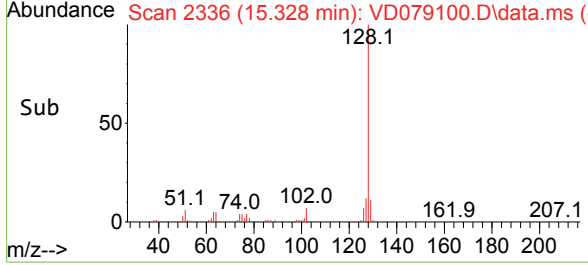
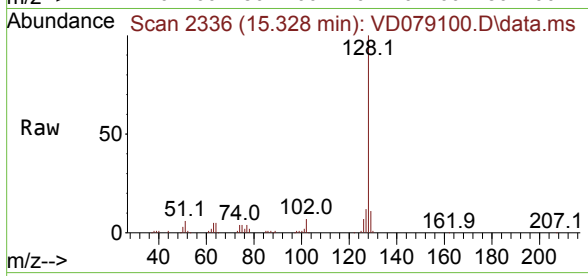




#71
Naphthalene
Concen: 17.561 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	128628
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	11.2	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 19.220 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079100.D
Acq: 30 May 2024 17:00

Tgt Ion:	180	Resp:	65059
Ion Ratio	Lower	Upper	
180	100		
182	95.8	79.4	119.2
145	31.9	24.7	37.1

