

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079084.D
 Acq On : 30 May 2024 09:36
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 01:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	200167	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	198891	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	105033	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	144247	23.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.680%
7) Chloroethane-d5	2.799	69	146447	24.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.360%
11) 1,1-Dichloroethene-d2	3.922	65	26864	24.567	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.280%
21) 2-Butanone-d5	6.987	46	23088	49.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.000%
24) Chloroform-d	7.569	84	144056	25.739	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.234	65	67989	26.333	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.320%
32) Benzene-d6	8.204	84	300884	27.289	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.160%
36) 1,2-Dichloropropane-d6	9.210	67	79870	25.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	10.269	98	282970	27.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.640%
43) trans-1,3-Dichloroprop...	10.522	79	36041	26.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.000%
47) 2-Hexanone-d5	10.875	63	22431	54.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.260%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72409	25.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	94447	26.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	71772	22.651	ug/L	100
3) Chloromethane	2.146	50	94471	22.369	ug/L	97
5) Vinyl chloride	2.287	62	159498	22.882	ug/L	94
6) Bromomethane	2.693	94	125095	23.246	ug/L	91
8) Chloroethane	2.834	64	116564	22.815	ug/L	92
9) Trichlorofluoromethane	3.175	101	118410	22.299	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	73831	23.187	ug/L #	85
12) 1,1-Dichloroethene	3.946	96	64324	23.204	ug/L	94
13) Acetone	4.016	43	32568	47.748	ug/L	99
14) Carbon disulfide	4.269	76	223929	23.156	ug/L	98
15) Methyl Acetate	4.563	43	21170	22.779	ug/L #	81
16) Methylene chloride	4.799	84	80349	22.528	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	71360	23.820	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	130466	24.555	ug/L #	92
19) 1,1-Dichloroethane	6.116	63	116110	24.073	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	77031	24.694	ug/L	95
22) 2-Butanone	7.075	43	34123	47.622	ug/L	93
23) Bromochloromethane	7.428	128	38466	24.322	ug/L	95
25) Chloroform	7.593	83	130448	23.821	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079084.D
 Acq On : 30 May 2024 09:36
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 01:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

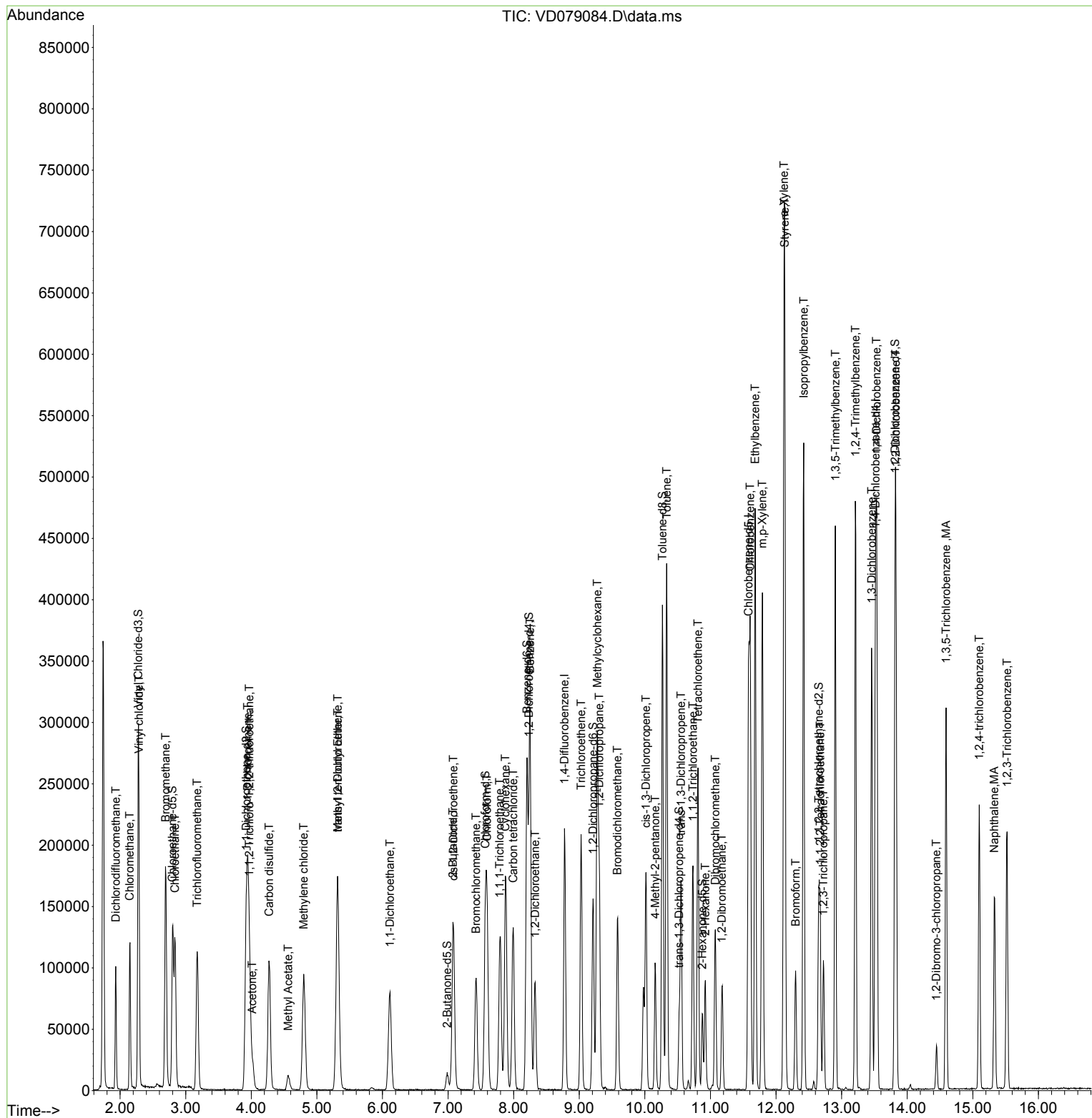
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	78851	24.804	ug/L	98
29) Cyclohexane	7.875	56	88530	24.670	ug/L	100
30) 1,1,1-Trichloroethane	7.787	97	110995	23.571	ug/L	99
31) Carbon tetrachloride	7.993	117	105915	24.205	ug/L	96
33) Benzene	8.251	78	300477	25.365	ug/L	100
34) Trichloroethene	9.028	95	72040	23.612	ug/L	98
35) Methylcyclohexane	9.275	83	127581	25.236	ug/L	99
37) 1,2-Dichloropropane	9.304	63	74900	25.814	ug/L	99
38) Bromodichloromethane	9.581	83	98402	24.396	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	112628	24.865	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	61429	50.715	ug/L	98
42) Toluene	10.334	91	335349	25.494	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	98733	25.777	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	63416	24.912	ug/L	97
46) Tetrachloroethene	10.810	164	63692	23.708	ug/L	99
48) 2-Hexanone	10.922	43	51243	48.891	ug/L	96
49) Dibromochloromethane	11.075	129	73337	24.329	ug/L	100
50) 1,2-Dibromoethane	11.175	107	58159	24.860	ug/L	94
51) Chlorobenzene	11.604	112	215651	24.639	ug/L	99
52) Ethylbenzene	11.681	91	344619	25.116	ug/L	100
53) m,p-Xylene	11.792	106	142510	26.473	ug/L	97
54) o-Xylene	12.122	106	132385	25.454	ug/L	96
55) Styrene	12.134	104	246048	26.681	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	68969	24.205	ug/L	98
59) Bromoform	12.298	173	44448	23.089	ug/L	98
60) Isopropylbenzene	12.422	105	346041	24.916	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	44345	23.914	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	236501	24.906	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	258280	25.430	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	159800	23.951	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	169975	24.044	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	149168	24.185	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9060	23.767	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	101818	24.197	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	77352	22.134	ug/L	96
71) Naphthalene	15.328	128	149031	22.802	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	75395	24.961	ug/L	96

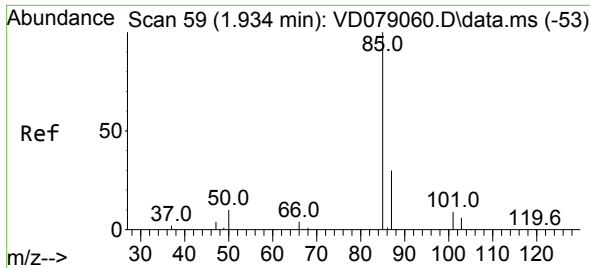
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079084.D
 Acq On : 30 May 2024 09:36
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 01:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

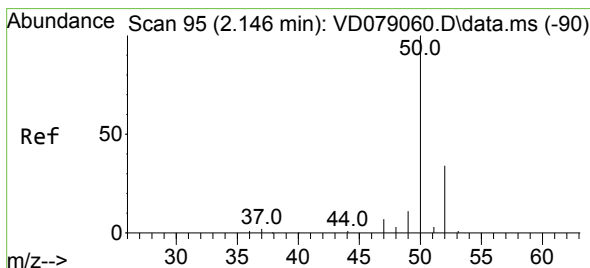
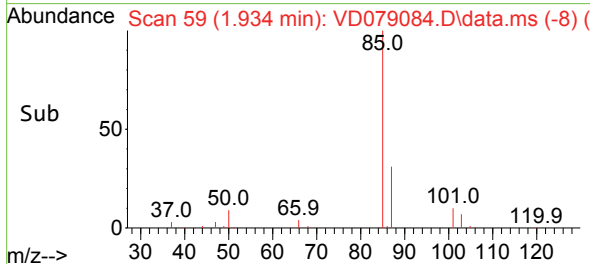
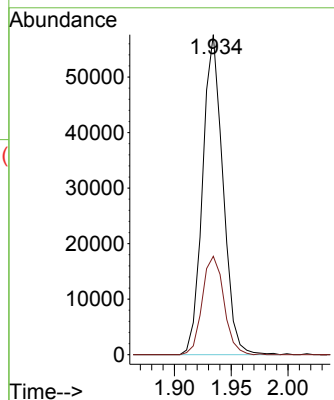
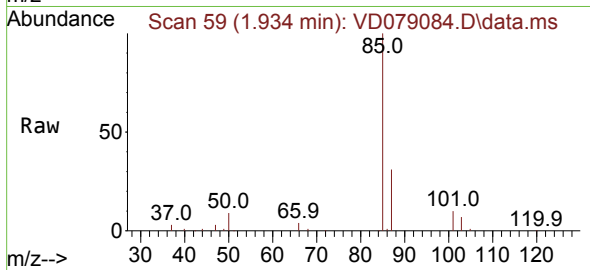




#2
Dichlorodifluoromethane
Concen: 22.651 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

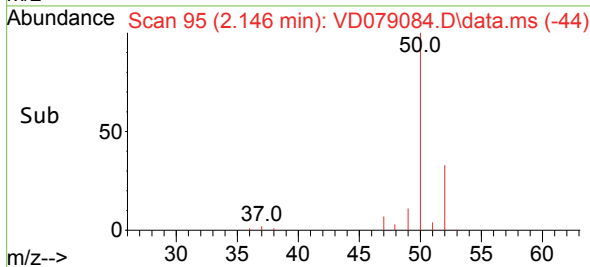
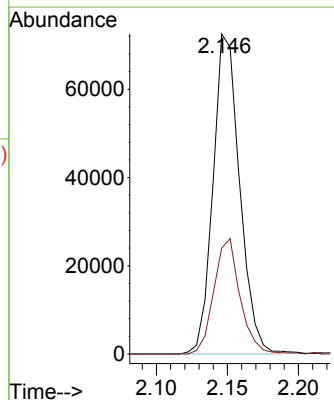
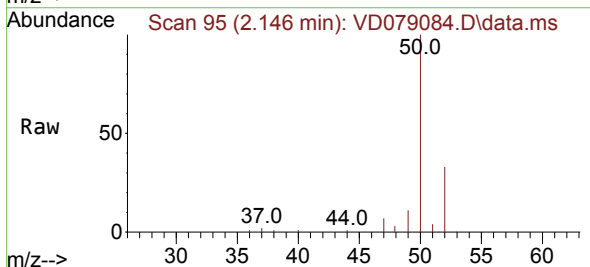
Instrument :
MSVOA_D
ClientSampleId :

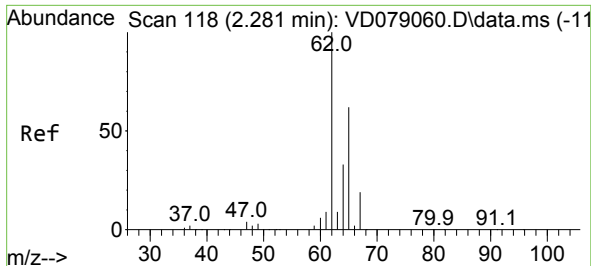
Tgt Ion: 85 Resp: 71772
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.4



#3
Chloromethane
Concen: 22.369 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

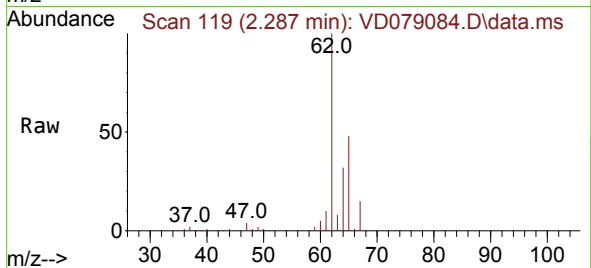
Tgt Ion: 50 Resp: 94471
Ion Ratio Lower Upper
50 100
52 33.0 24.4 45.2



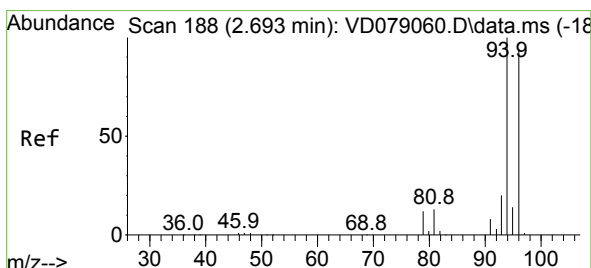
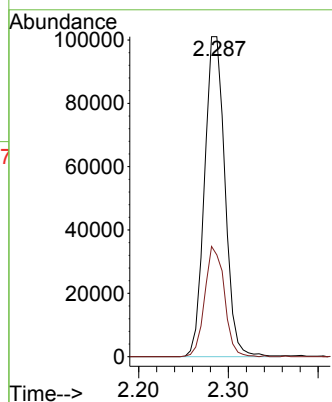
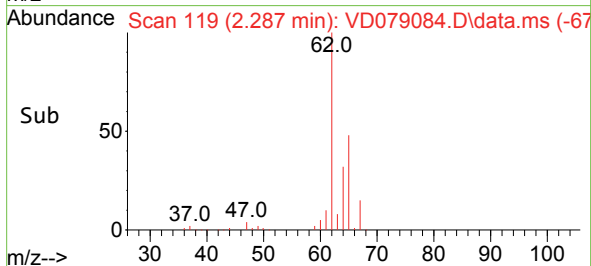


#5
 Vinyl chloride
 Concen: 22.882 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

Instrument :
 MSVOA_D
 ClientSampleId :

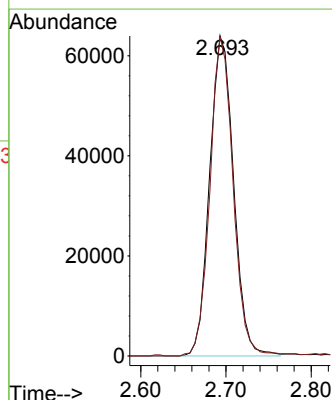
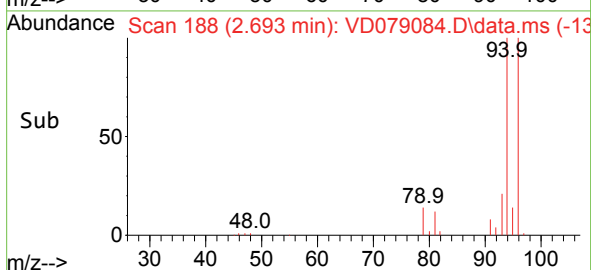
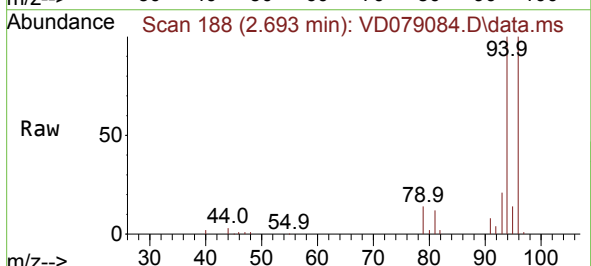


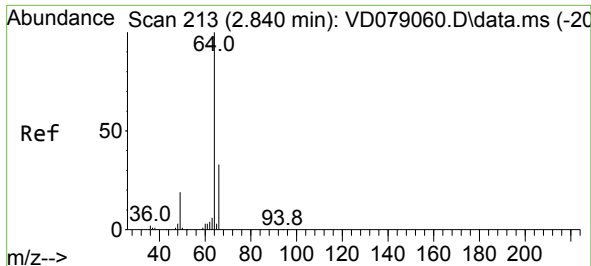
Tgt Ion: 62 Resp: 159498
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.8 46.1



#6
 Bromomethane
 Concen: 23.246 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

Tgt Ion: 94 Resp: 125095
 Ion Ratio Lower Upper
 94 100
 96 99.8 63.6 118.2

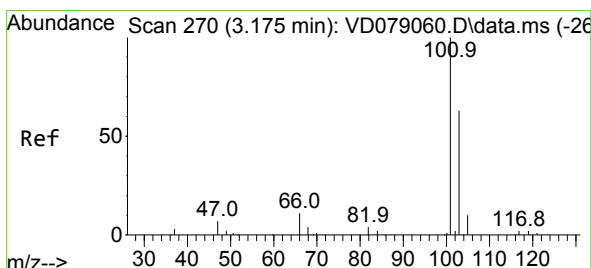
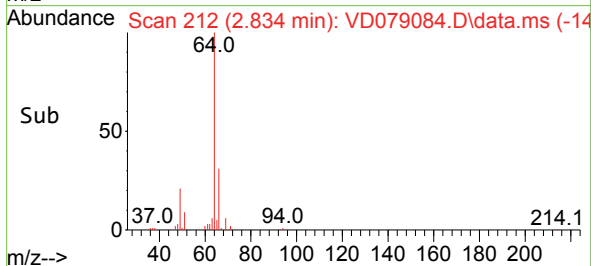
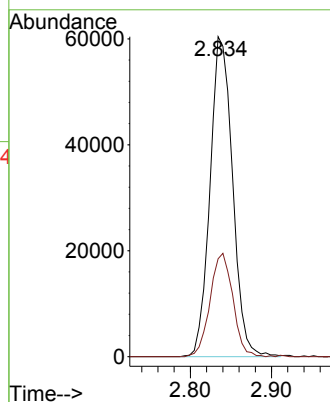
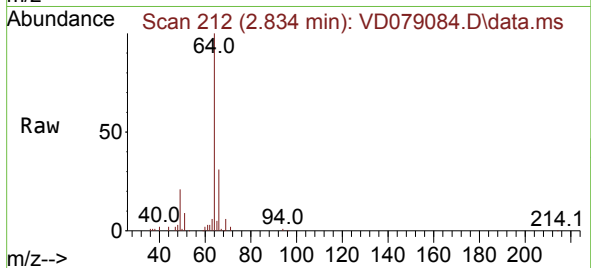




#8
Chloroethane
Concen: 22.815 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

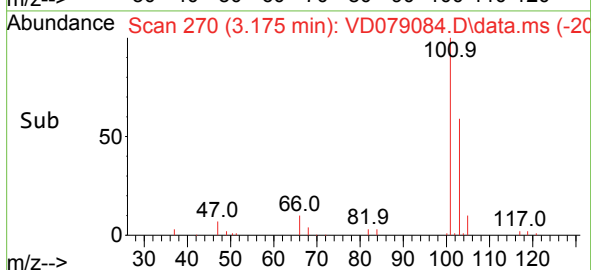
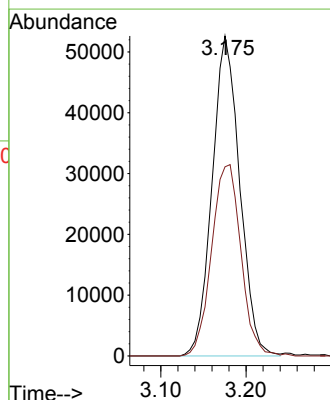
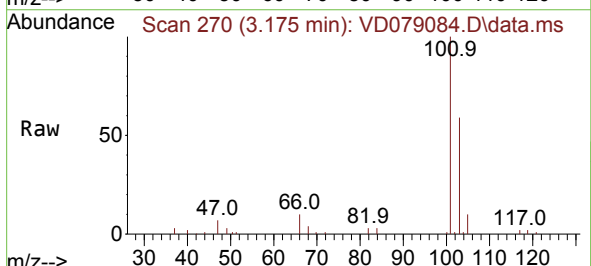
Instrument :
MSVOA_D
ClientSampleId :

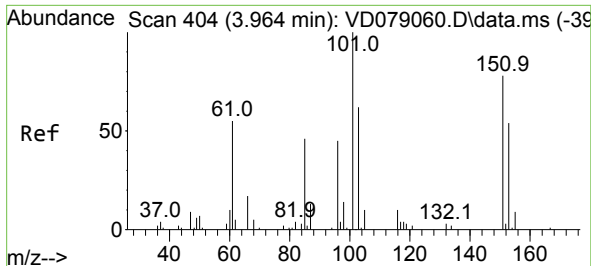
Tgt Ion: 64 Resp: 116564
Ion Ratio Lower Upper
64 100
66 30.6 24.8 46.1



#9
Trichlorofluoromethane
Concen: 22.299 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Tgt Ion:101 Resp: 118410
Ion Ratio Lower Upper
101 100
103 63.3 52.6 79.0

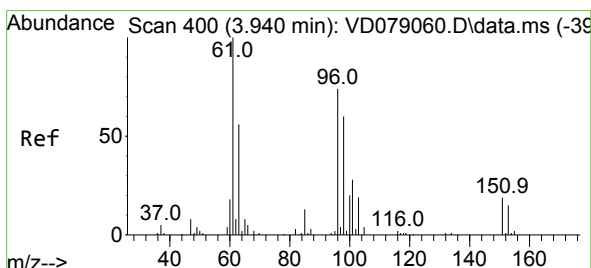
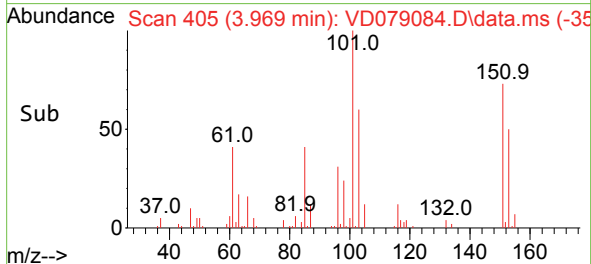
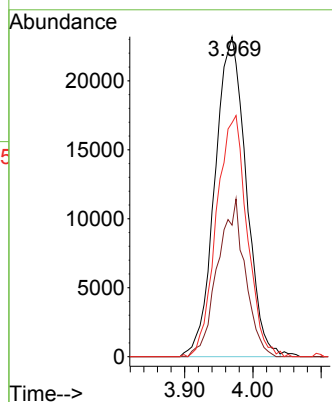
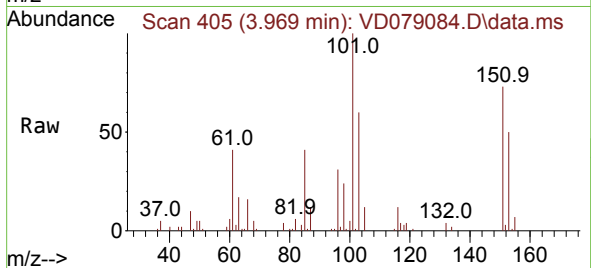




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.187 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

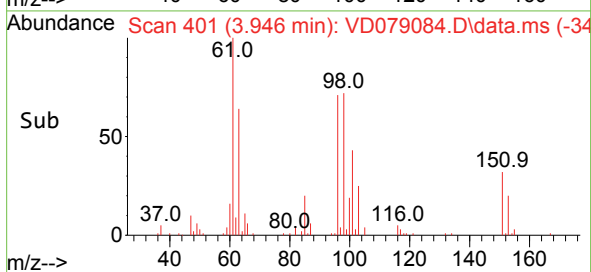
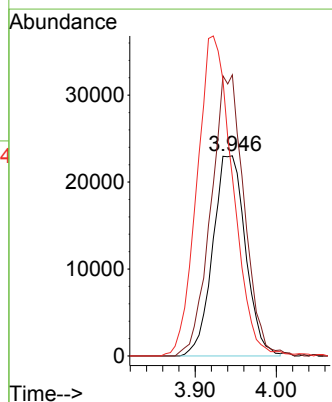
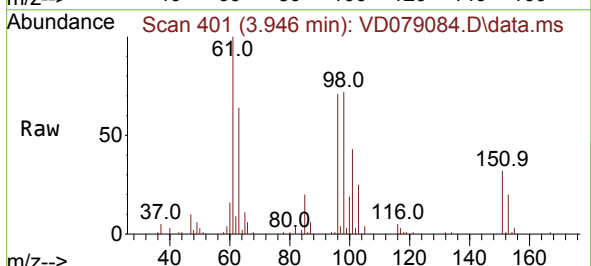
Instrument :
 MSVOA_D
 ClientSampleId :

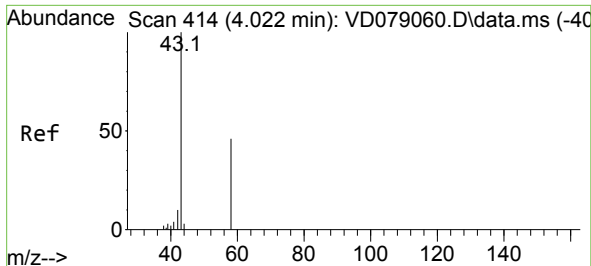
Tgt Ion:101 Resp: 73831
 Ion Ratio Lower Upper
 101 100
 85 18.5 35.4 53.0#
 151 74.0 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 23.204 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

Tgt Ion: 96 Resp: 64324
 Ion Ratio Lower Upper
 96 100
 61 140.5 93.9 174.3
 63 89.5 67.7 125.7





#13

Acetone

Concen: 47.748 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

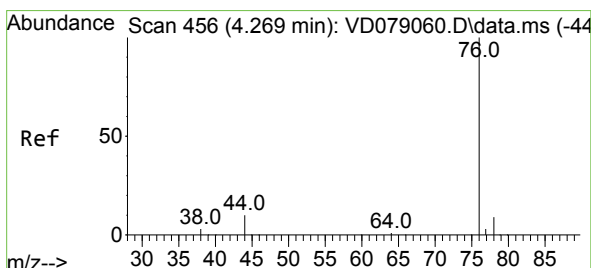
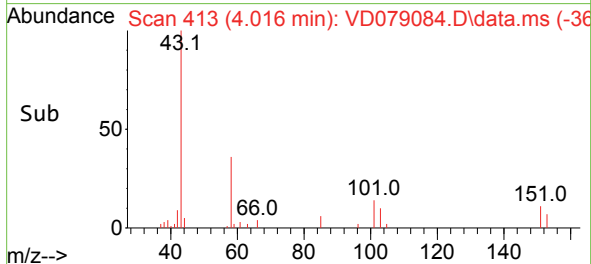
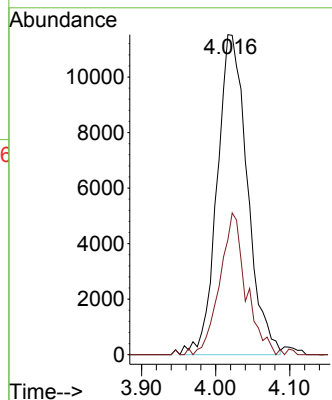
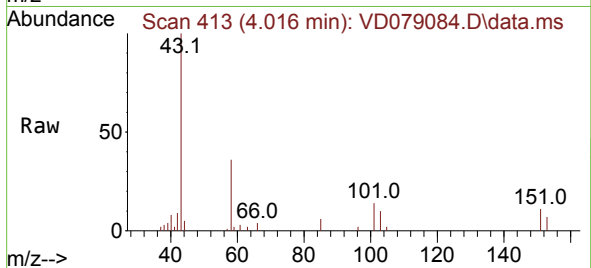
ClientSampleId :

Tgt Ion: 43 Resp: 32568

Ion Ratio Lower Upper

43 100

58 38.4 0.0 78.2



#14

Carbon disulfide

Concen: 23.156 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079084.D

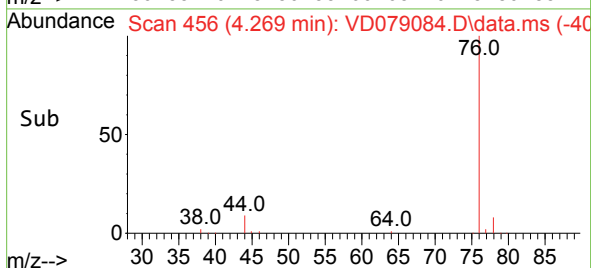
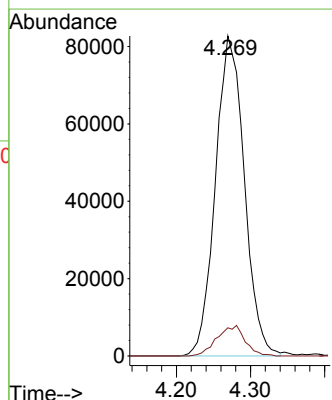
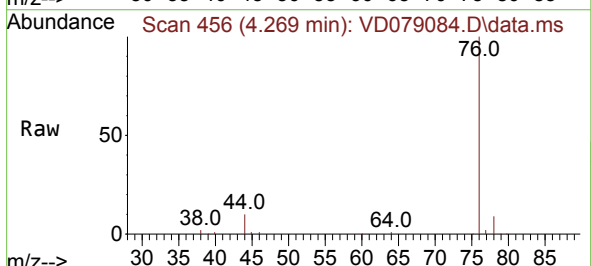
Acq: 30 May 2024 09:36

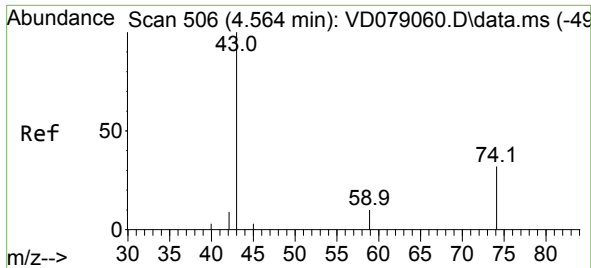
Tgt Ion: 76 Resp: 223929

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

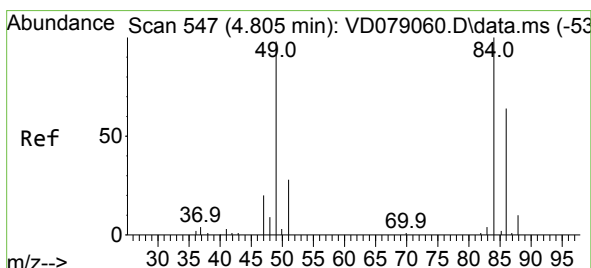
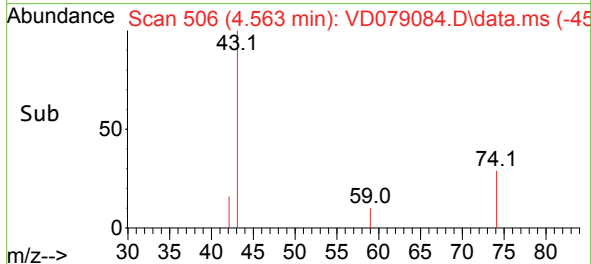
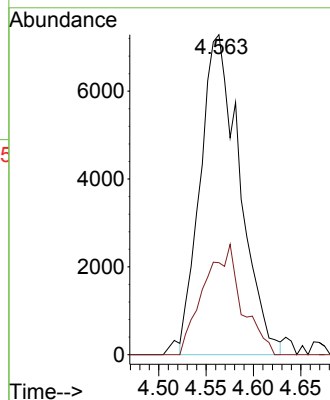
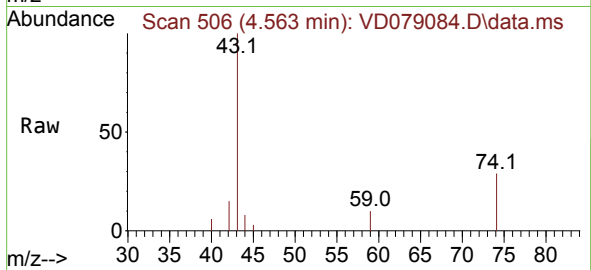




#15
Methyl Acetate
Concen: 22.779 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

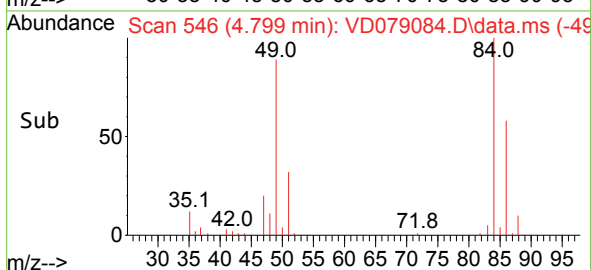
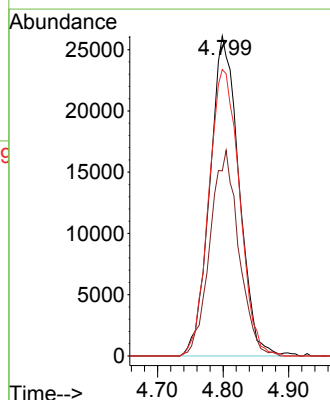
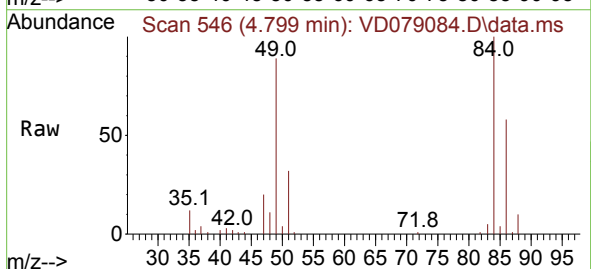
Instrument :
MSVOA_D
ClientSampleId :

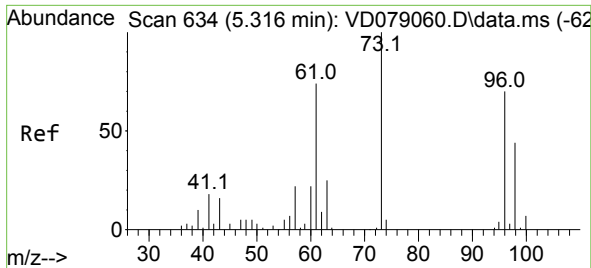
Tgt Ion: 43 Resp: 21170
Ion Ratio Lower Upper
43 100
74 19.6 23.8 35.6#



#16
Methylene chloride
Concen: 22.528 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

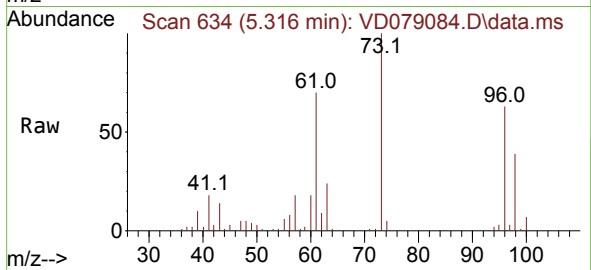
Tgt Ion: 84 Resp: 80349
Ion Ratio Lower Upper
84 100
86 57.8 40.9 76.0
49 89.5 67.5 125.3



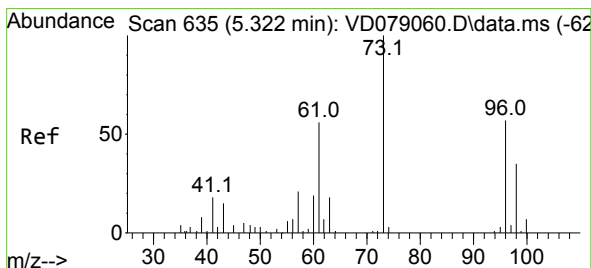
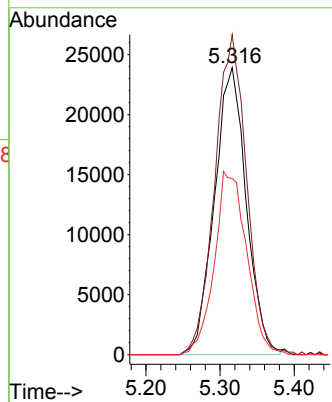
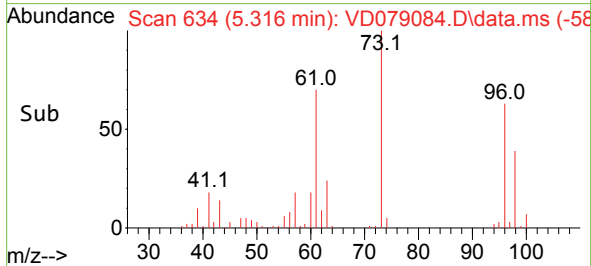


#17
trans-1,2-Dichloroethene
Concen: 23.820 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Instrument :
MSVOA_D
ClientSampleId :

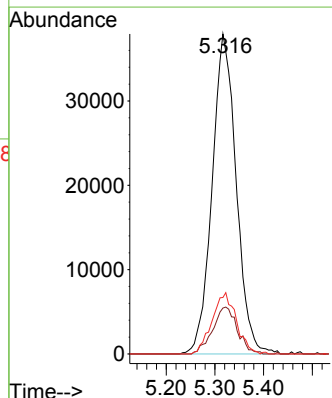
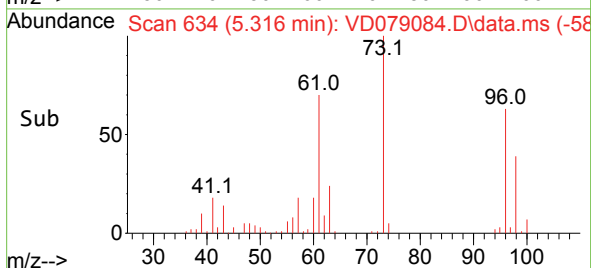
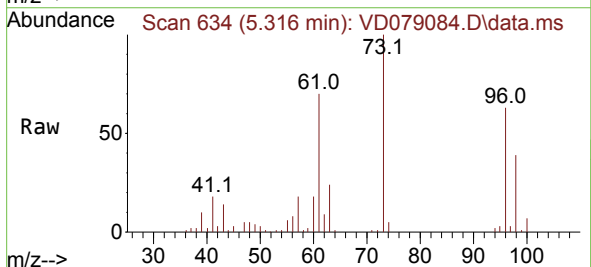


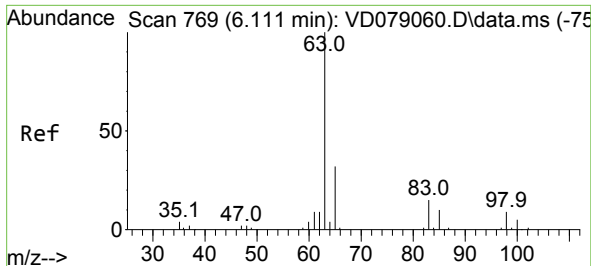
Tgt Ion: 96 Resp: 71360
Ion Ratio Lower Upper
96 100
61 111.5 71.9 133.5
98 61.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 24.555 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Tgt Ion: 73 Resp: 130466
Ion Ratio Lower Upper
73 100
43 14.9 12.0 18.0
57 19.2 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 24.073 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

ClientSampleId :

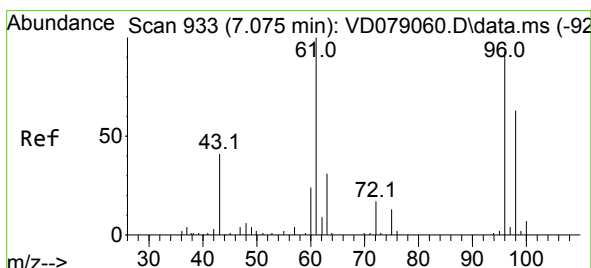
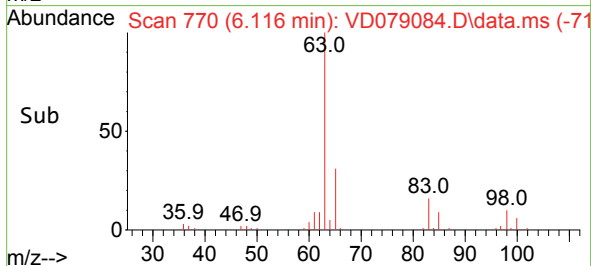
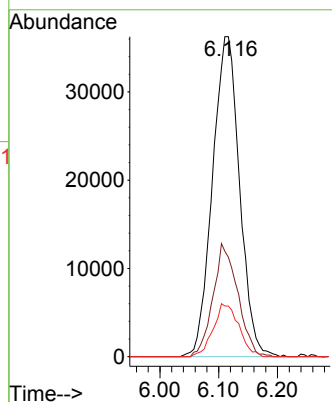
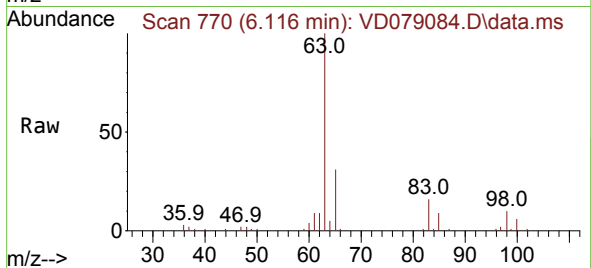
Tgt Ion: 63 Resp: 116110

Ion Ratio Lower Upper

63 100

65 31.1 22.8 42.4

83 15.8 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 24.694 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

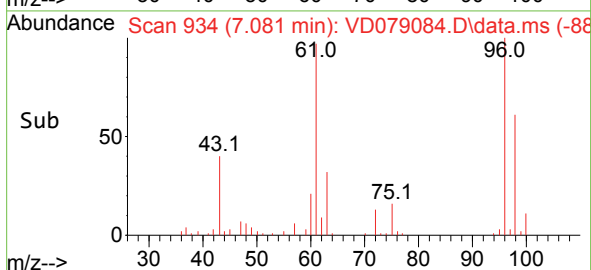
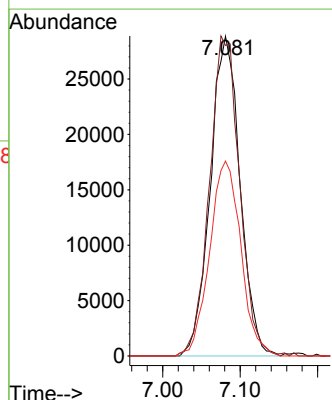
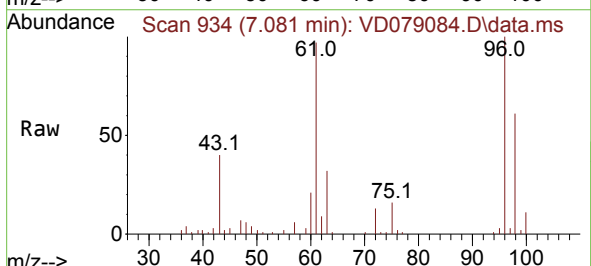
Tgt Ion: 96 Resp: 77031

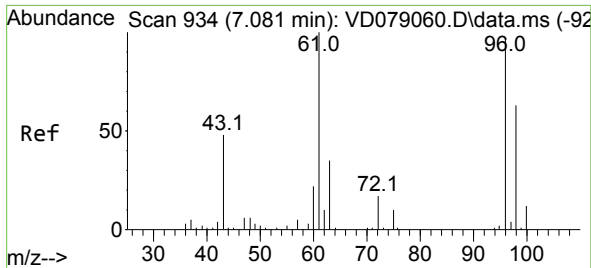
Ion Ratio Lower Upper

96 100

61 97.2 72.6 134.8

98 61.0 43.8 81.3

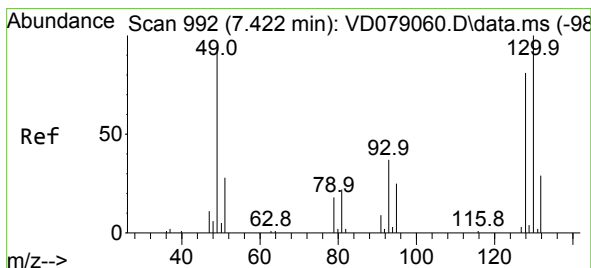
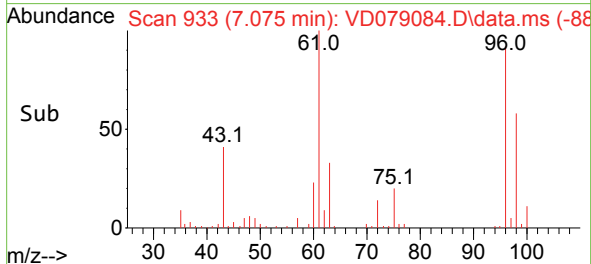
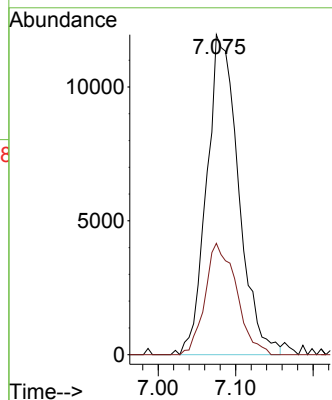
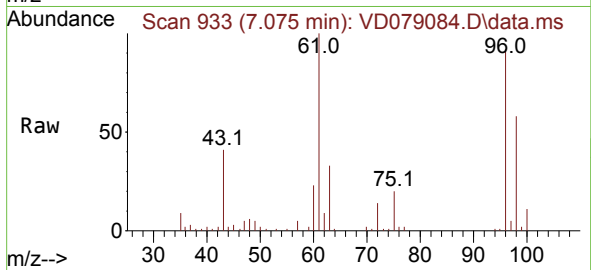




#22
2-Butanone
Concen: 47.622 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

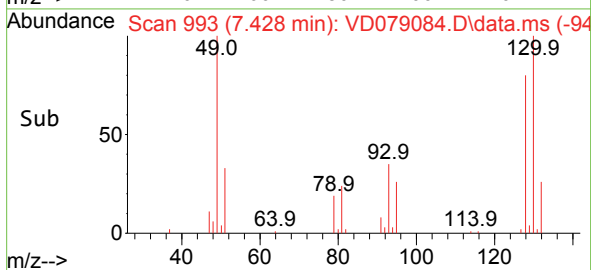
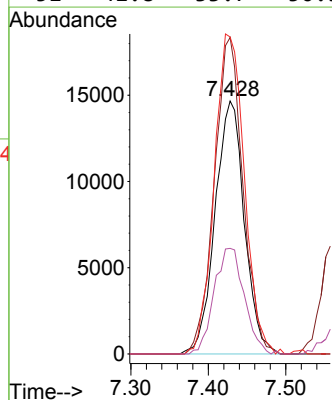
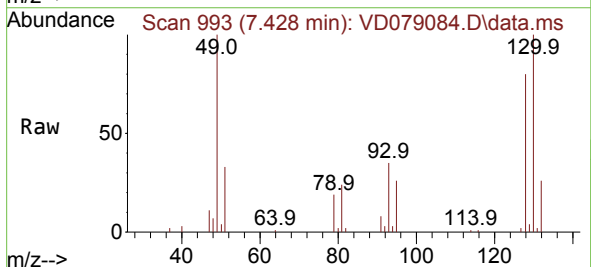
Instrument :
MSVOA_D
ClientSampleId :

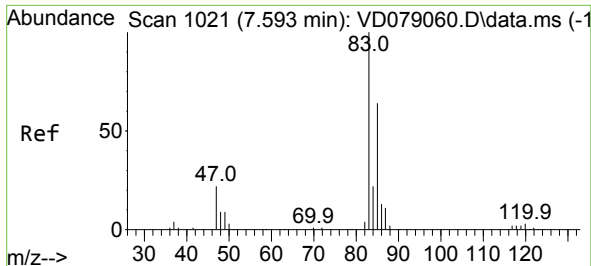
Tgt Ion: 43 Resp: 34123
Ion Ratio Lower Upper
43 100
72 34.4 19.3 57.8



#23
Bromochloromethane
Concen: 24.322 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Tgt Ion:128 Resp: 38466
Ion Ratio Lower Upper
128 100
49 125.1 81.8 151.8
130 125.3 90.4 167.8
51 41.8 33.7 50.5

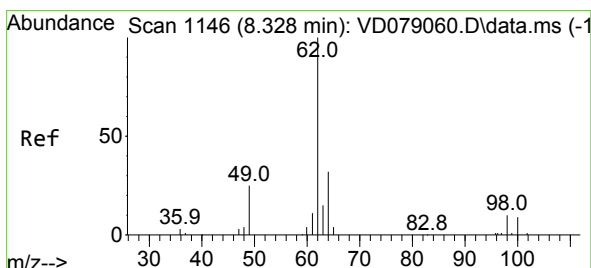
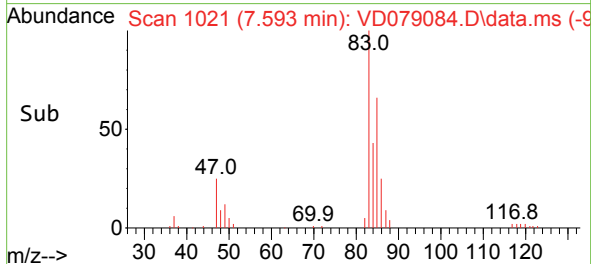
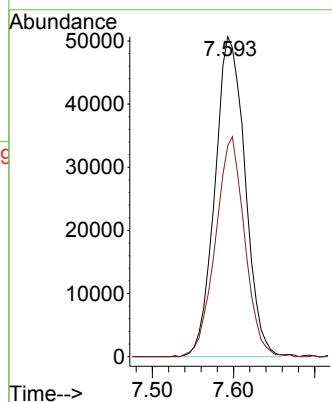
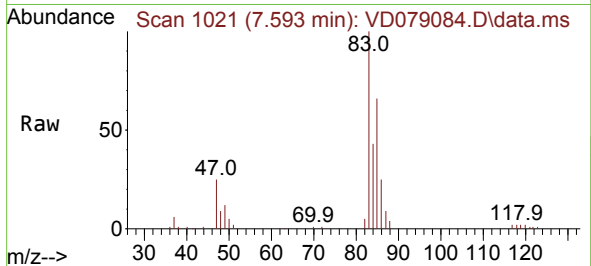




#25
Chloroform
Concen: 23.821 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

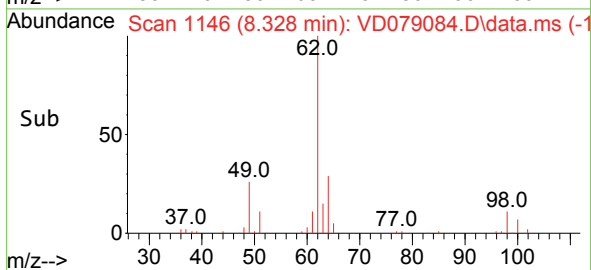
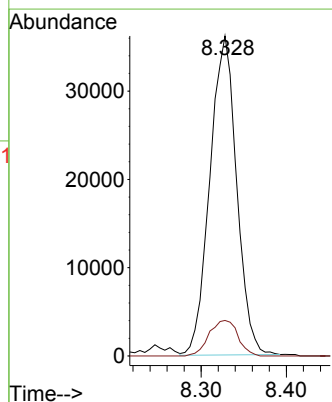
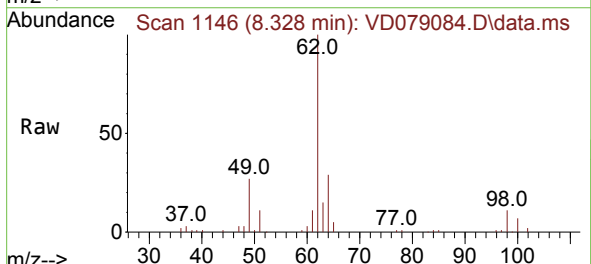
Instrument :
MSVOA_D
ClientSampleId :

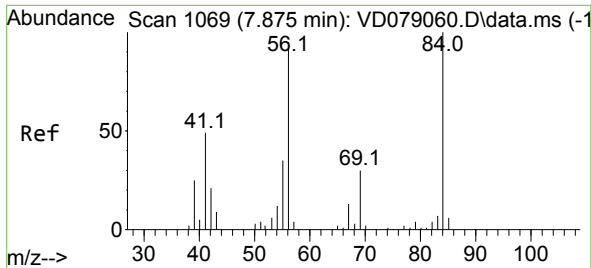
Tgt Ion: 83 Resp: 130448
Ion Ratio Lower Upper
83 100
85 65.9 47.9 89.1



#27
1,2-Dichloroethane
Concen: 24.804 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

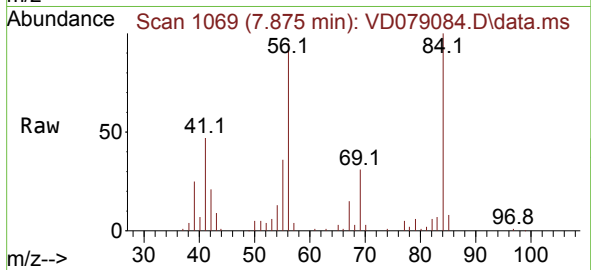
Tgt Ion: 62 Resp: 78851
Ion Ratio Lower Upper
62 100
98 11.1 8.2 12.4



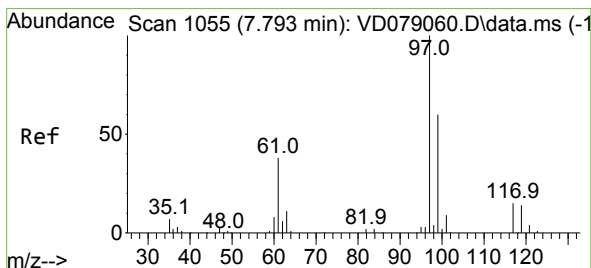
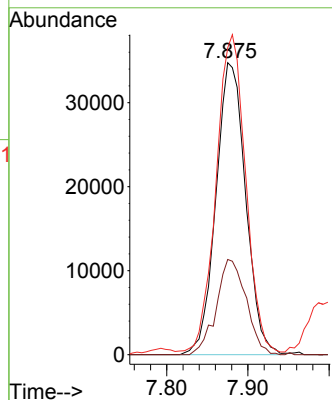
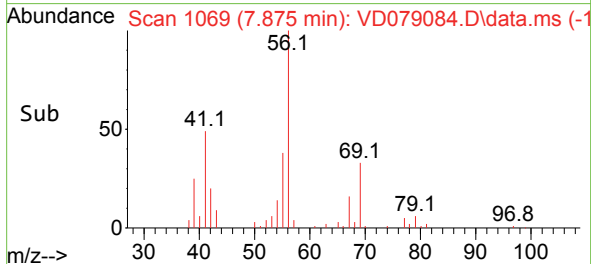


#29
Cyclohexane
Concen: 24.670 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Instrument :
MSVOA_D
ClientSampleId :

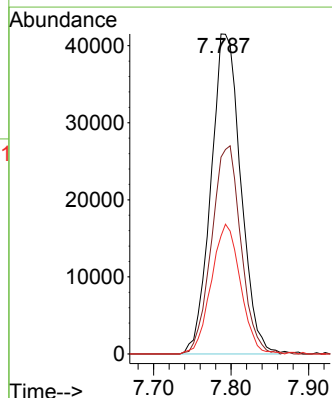
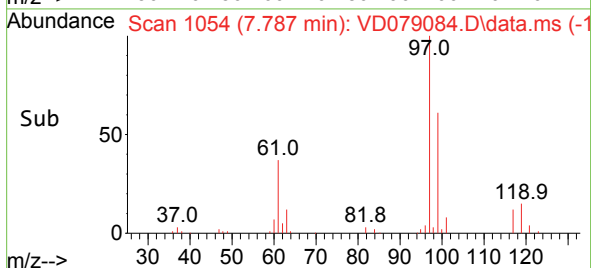
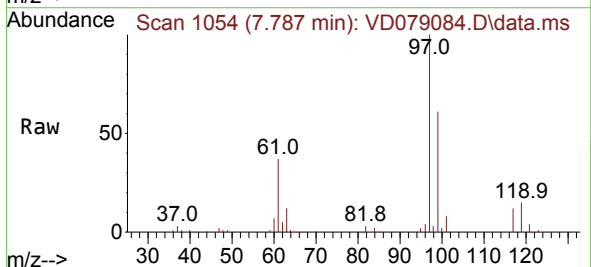


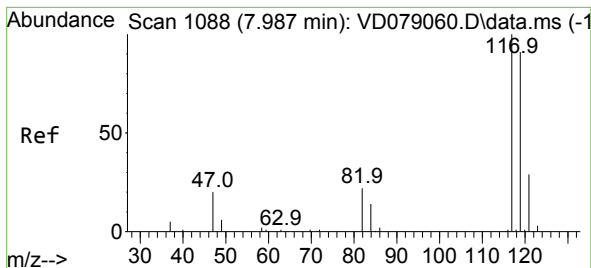
Tgt Ion: 56 Resp: 88530
Ion Ratio Lower Upper
56 100
69 32.7 26.6 40.0
84 109.5 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 23.571 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Tgt Ion: 97 Resp: 110995
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 39.8 31.7 47.5





#31

Carbon tetrachloride

Concen: 24.205 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

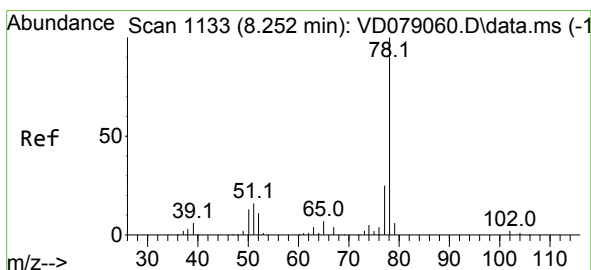
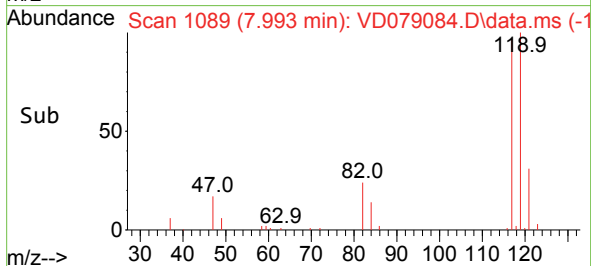
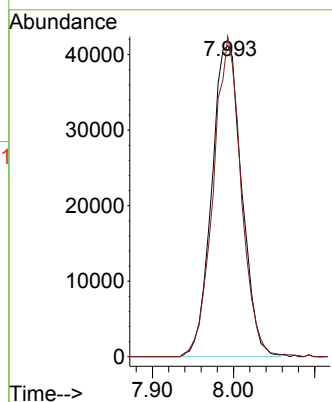
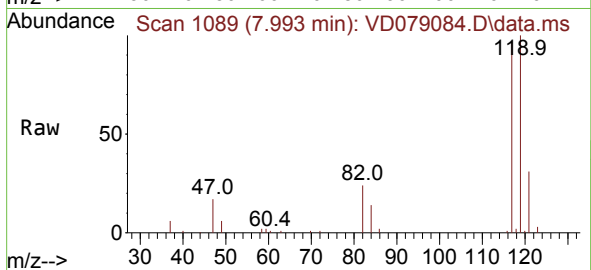
ClientSampleId :

Tgt Ion:117 Resp: 105915

Ion Ratio Lower Upper

117 100

119 95.5 79.6 119.4



#33

Benzene

Concen: 25.365 ug/L

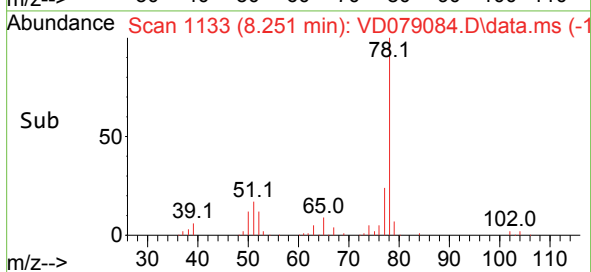
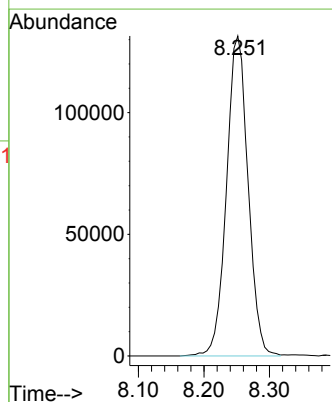
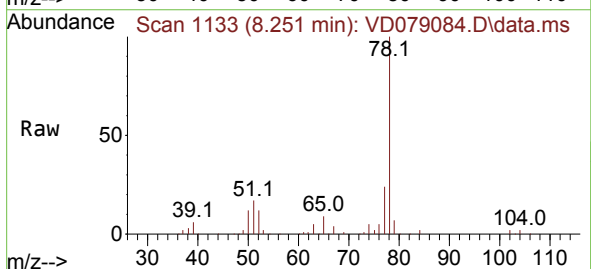
RT: 8.251 min Scan# 1133

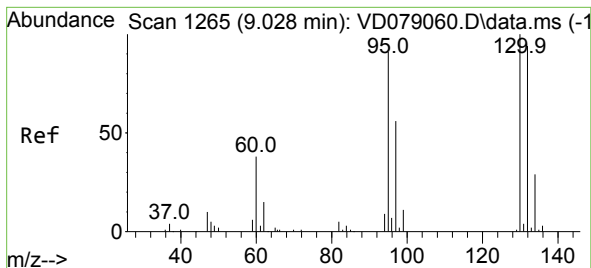
Delta R.T. -0.000 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Tgt Ion: 78 Resp: 300477





#34

Trichloroethene

Concen: 23.612 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

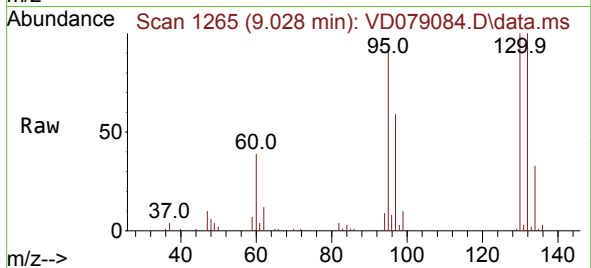
Lab File: VD079084.D

Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 72040

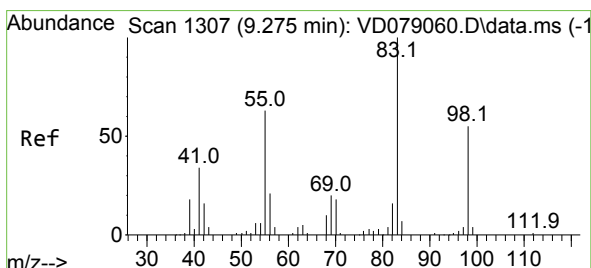
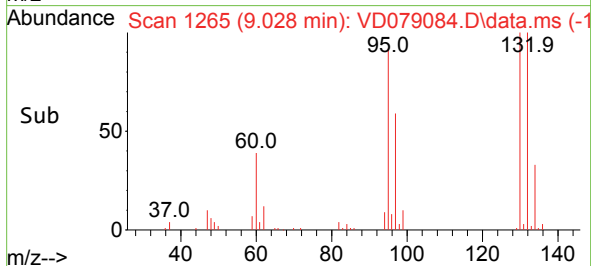
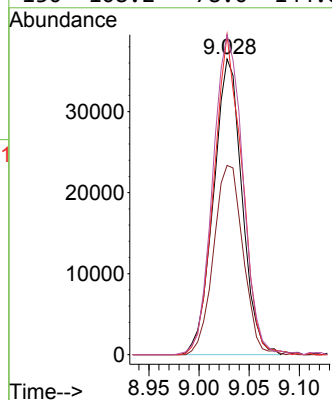
Ion Ratio Lower Upper

95 100

97 64.0 44.6 82.8

132 108.2 74.9 139.1

130 108.2 78.0 144.8



#35

Methylcyclohexane

Concen: 25.236 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

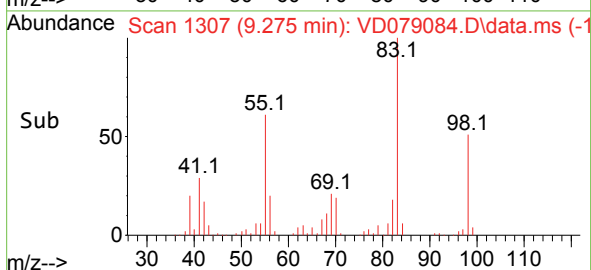
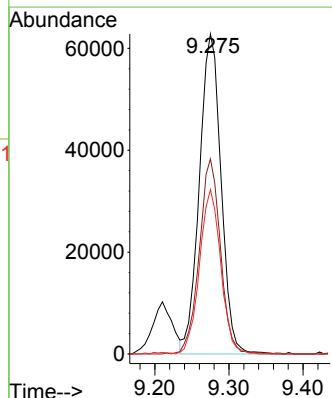
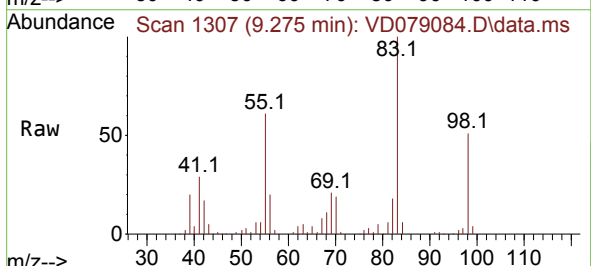
Tgt Ion: 83 Resp: 127581

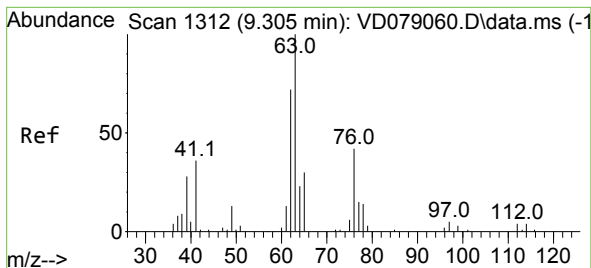
Ion Ratio Lower Upper

83 100

55 59.1 48.6 72.8

98 50.5 40.2 60.2





#37

1,2-Dichloropropane

Concen: 25.814 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

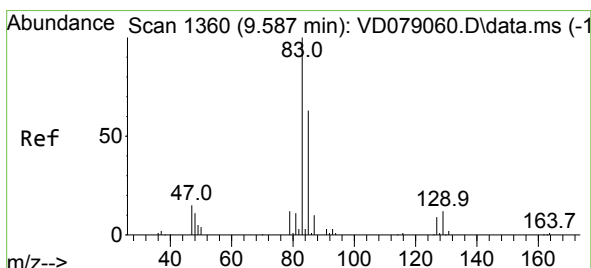
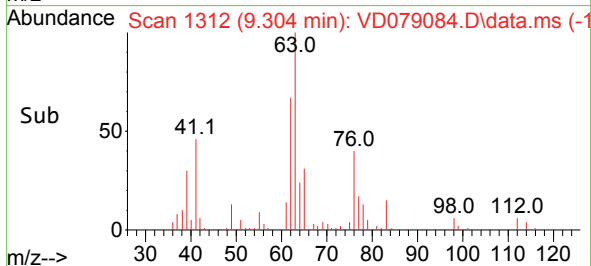
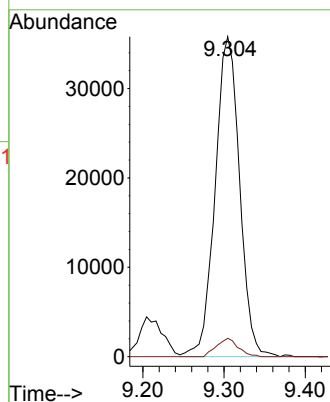
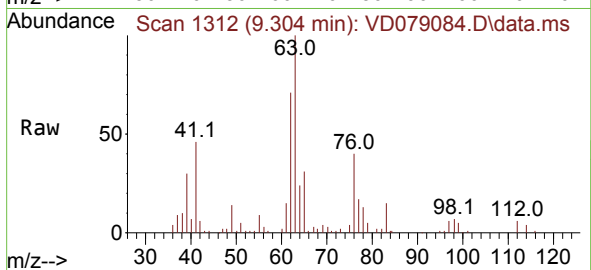
ClientSampleId :

Tgt Ion: 63 Resp: 74900

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 24.396 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

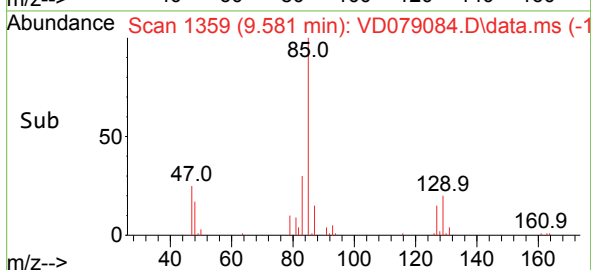
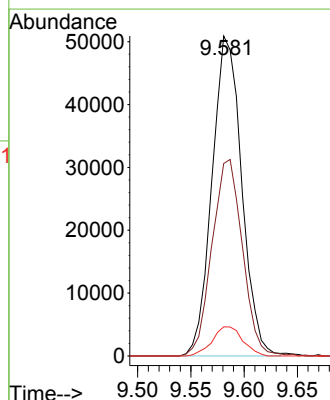
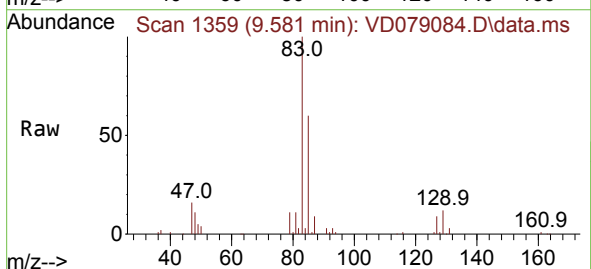
Tgt Ion: 83 Resp: 98402

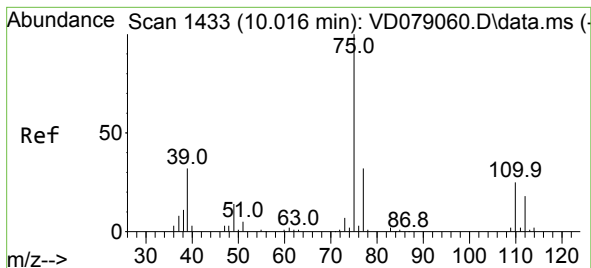
Ion Ratio Lower Upper

83 100

85 60.2 46.5 86.5

127 9.1 7.0 10.6

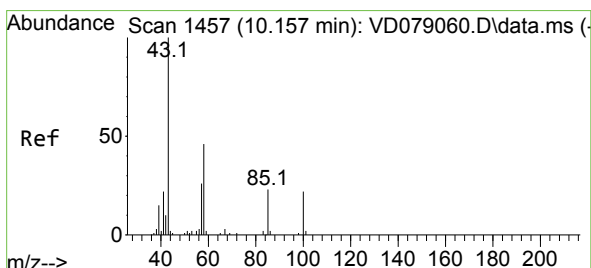
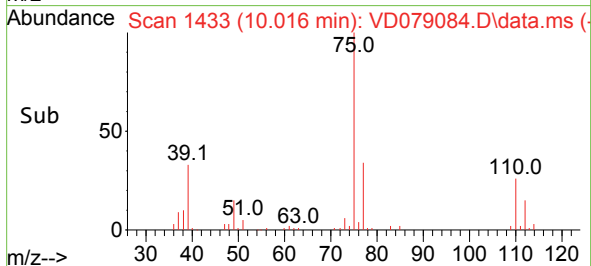
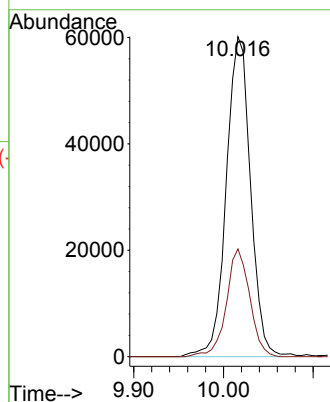
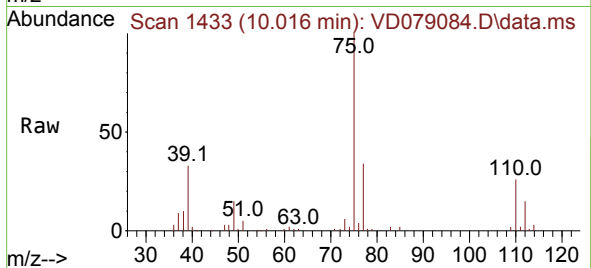




#39
 cis-1,3-Dichloropropene
 Concen: 24.865 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

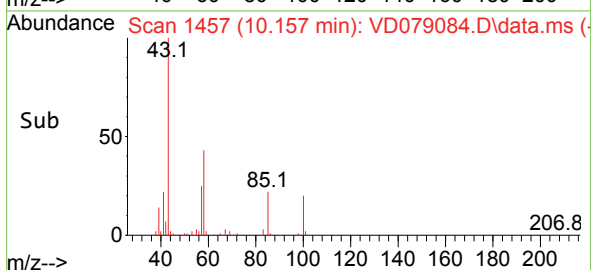
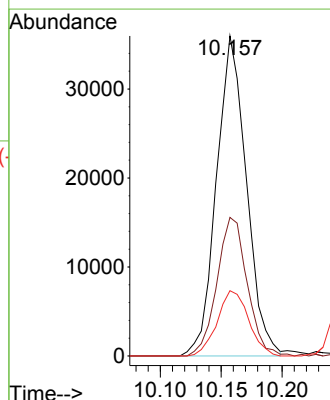
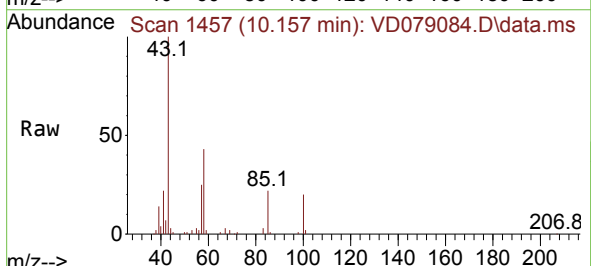
Instrument :
 MSVOA_D
 ClientSampleId :

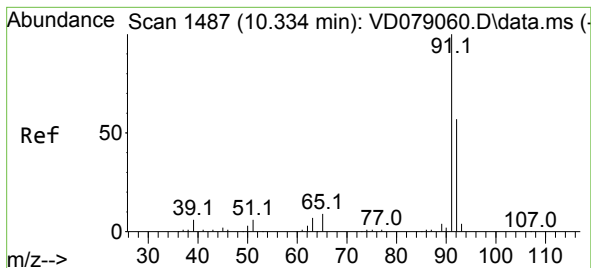
Tgt Ion: 75 Resp: 112628
 Ion Ratio Lower Upper
 75 100
 77 33.6 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 50.715 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

Tgt Ion: 43 Resp: 61429
 Ion Ratio Lower Upper
 43 100
 58 43.7 34.0 51.0
 100 21.5 16.9 25.3





#42

Toluene

Concen: 25.494 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

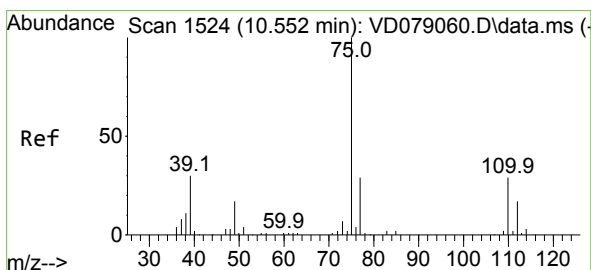
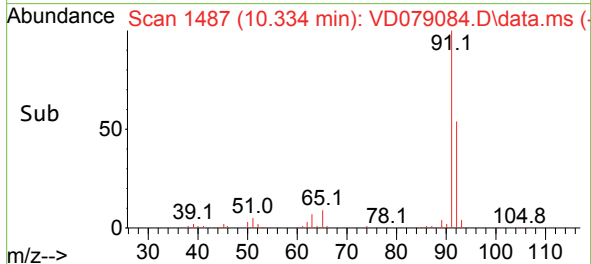
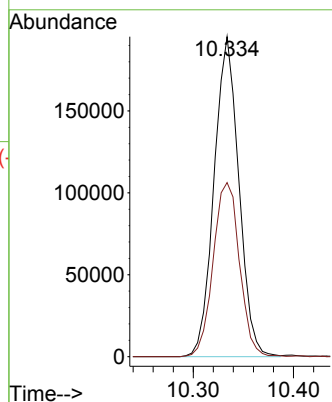
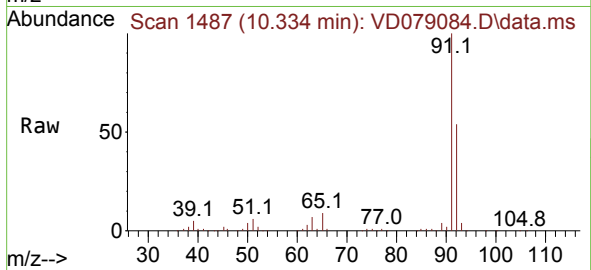
ClientSampleId :

Tgt Ion: 91 Resp: 335349

Ion Ratio Lower Upper

91 100

92 54.4 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 25.777 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079084.D

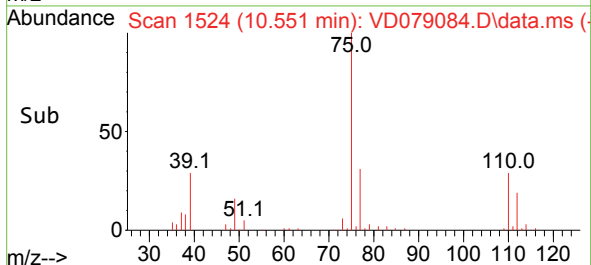
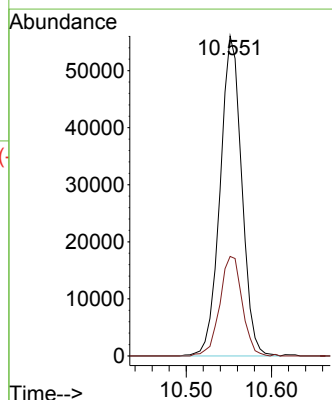
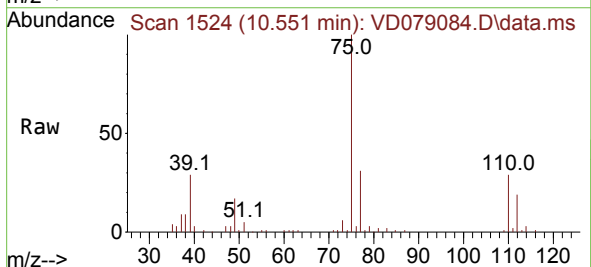
Acq: 30 May 2024 09:36

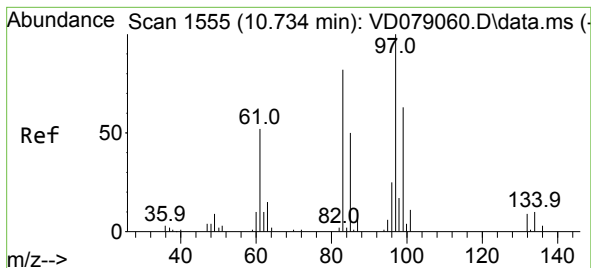
Tgt Ion: 75 Resp: 98733

Ion Ratio Lower Upper

75 100

77 31.1 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 24.912 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

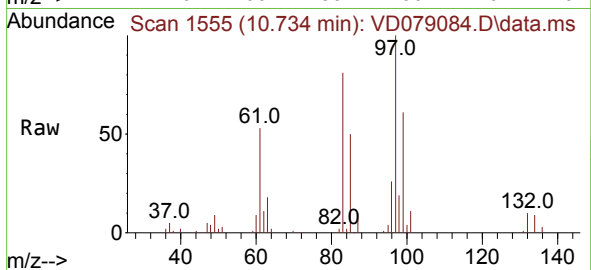
Lab File: VD079084.D

Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 63416

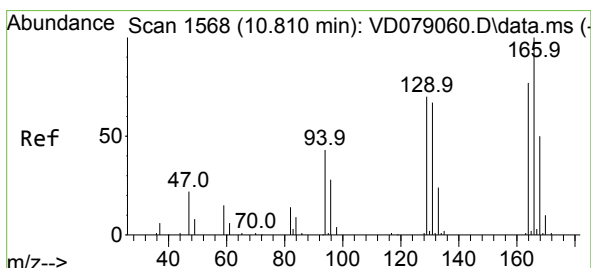
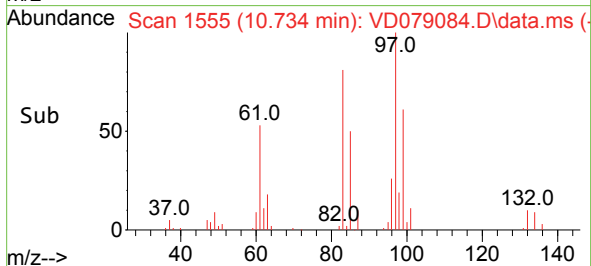
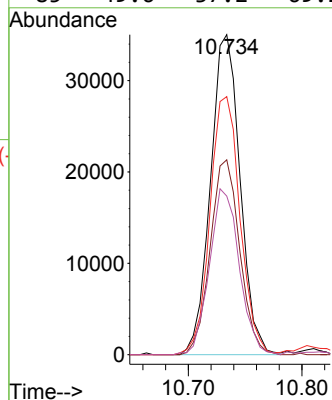
Ion Ratio Lower Upper

97 100

99 60.9 43.0 79.8

83 80.7 58.9 109.5

85 49.6 37.2 69.2



#46

Tetrachloroethene

Concen: 23.708 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Tgt Ion:164 Resp: 63692

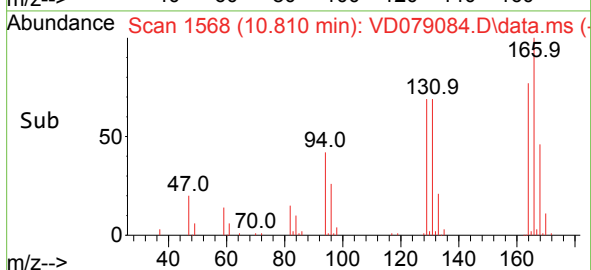
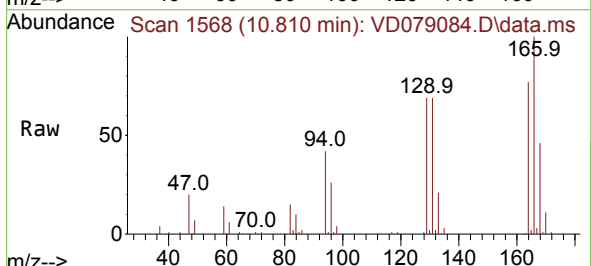
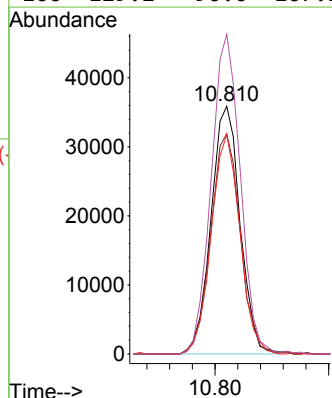
Ion Ratio Lower Upper

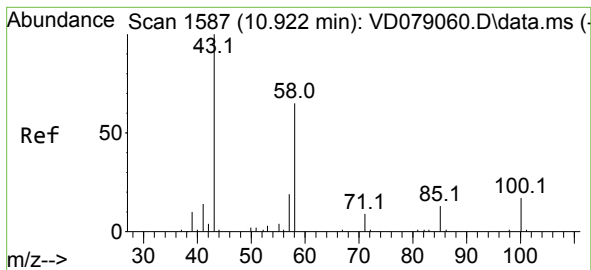
164 100

129 88.9 64.3 119.5

131 88.5 61.2 113.8

166 129.2 90.0 167.2





#48

2-Hexanone

Concen: 48.891 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

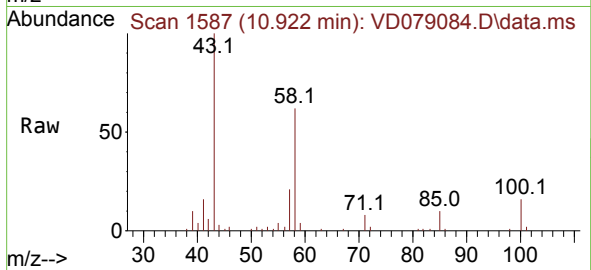
Lab File: VD079084.D

Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 51243

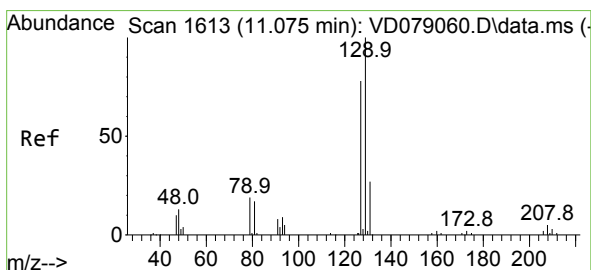
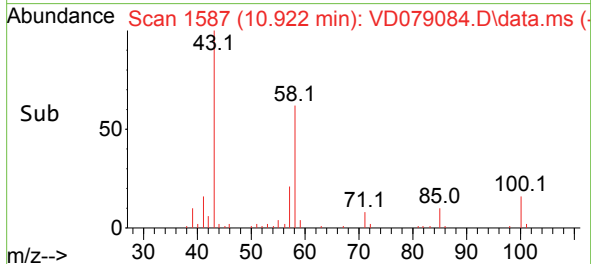
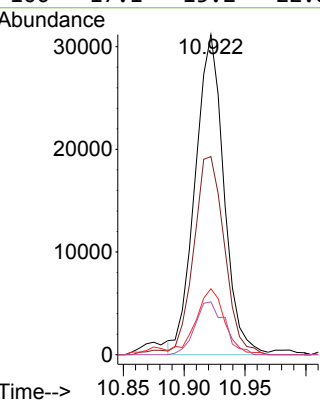
Ion Ratio Lower Upper

43 100

58 65.7 50.1 75.1

57 19.4 16.5 24.7

100 17.1 15.2 22.8



#49

Dibromochloromethane

Concen: 24.329 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD079084.D

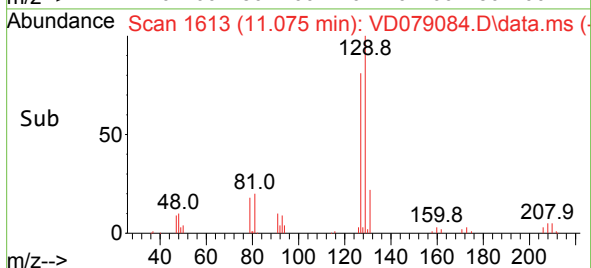
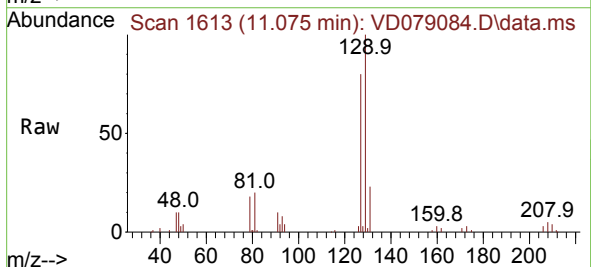
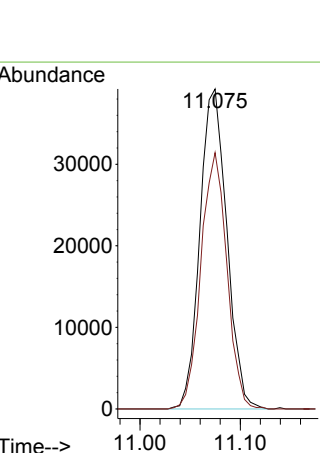
Acq: 30 May 2024 09:36

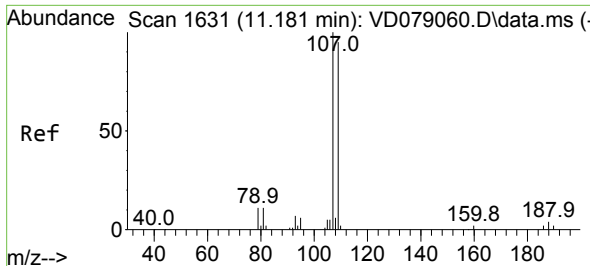
Tgt Ion:129 Resp: 73337

Ion Ratio Lower Upper

129 100

127 80.1 56.4 104.7





#50

1,2-Dibromoethane

Concen: 24.860 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079084.D

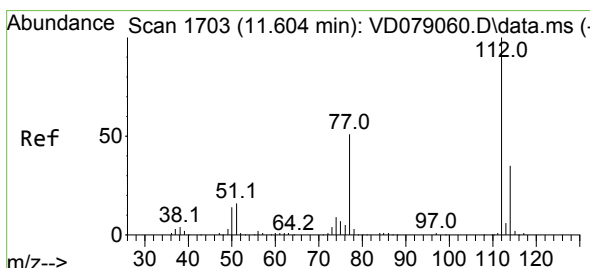
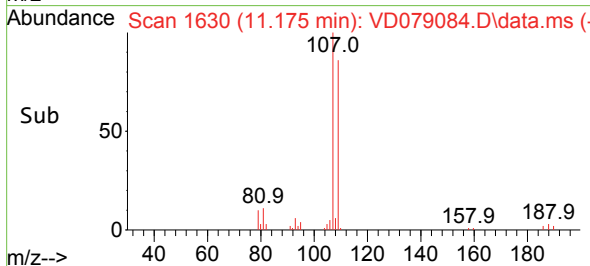
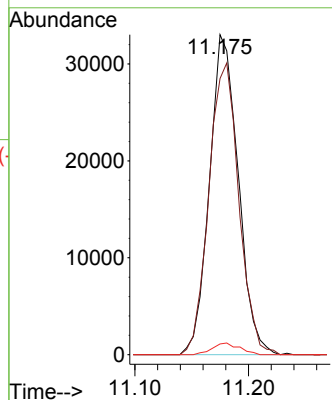
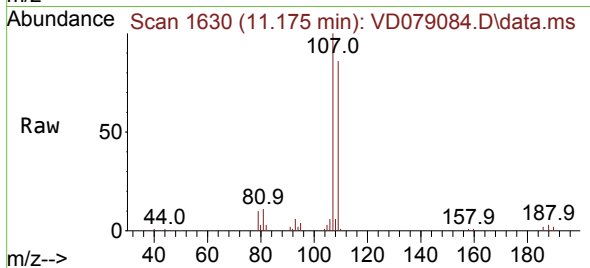
Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	58159
Ion Ratio	Lower	Upper
107	100	
109	86.3	64.5 119.7
188	3.4	2.6 3.8



#51

Chlorobenzene

Concen: 24.639 ug/L

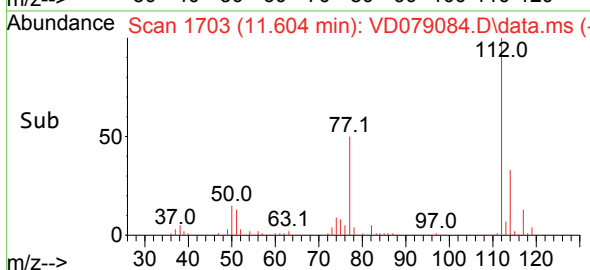
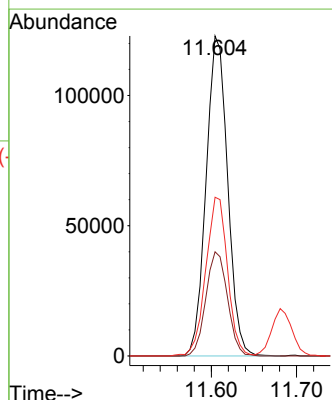
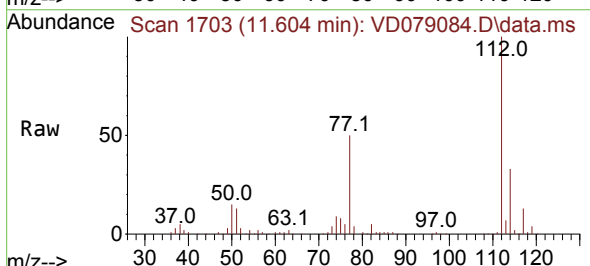
RT: 11.604 min Scan# 1703

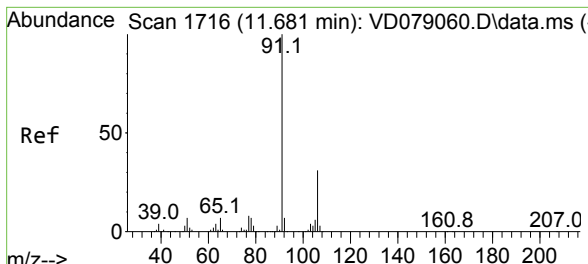
Delta R.T. -0.000 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Tgt Ion:112	Resp:	215651
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.7 42.3
77	49.6	38.4 57.6

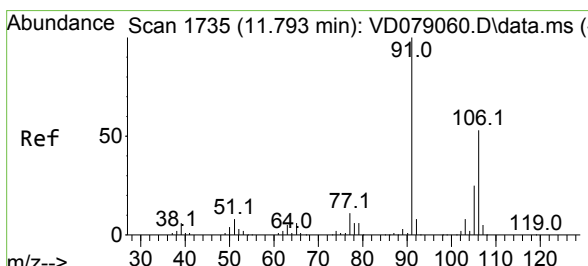
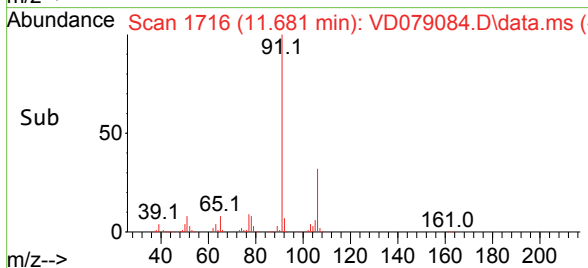
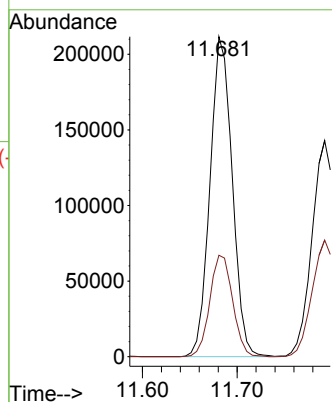
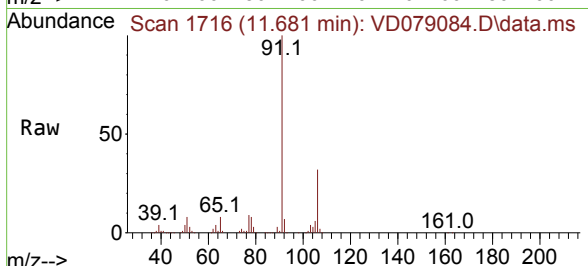




#52
Ethylbenzene
Concen: 25.116 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

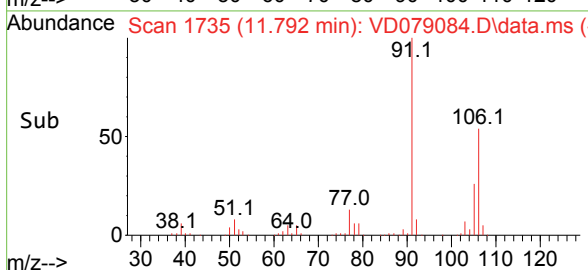
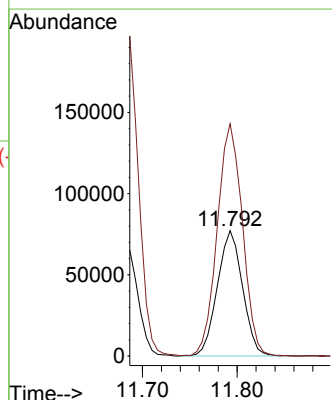
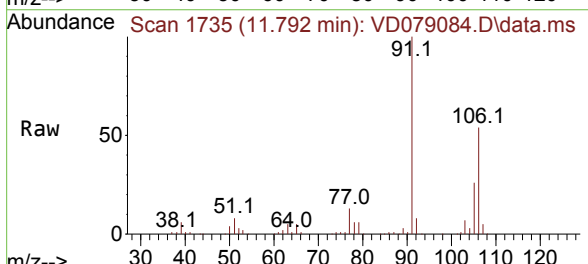
Instrument :
MSVOA_D
ClientSampleId :

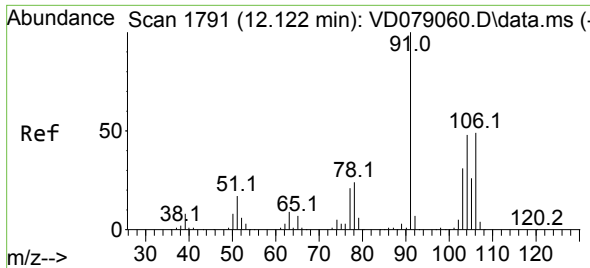
Tgt Ion: 91 Resp: 344619
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.5



#53
m,p-Xylene
Concen: 26.473 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Tgt Ion:106 Resp: 142510
Ion Ratio Lower Upper
106 100
91 185.2 133.1 247.1

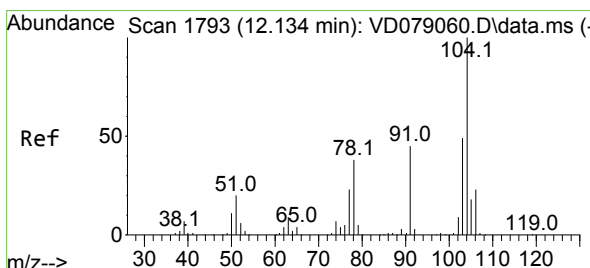
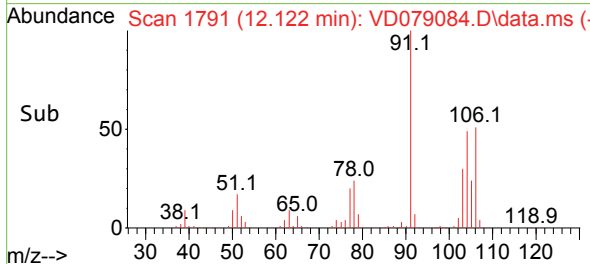
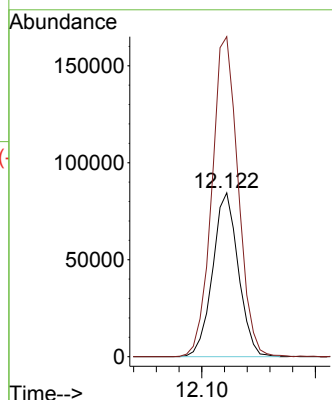
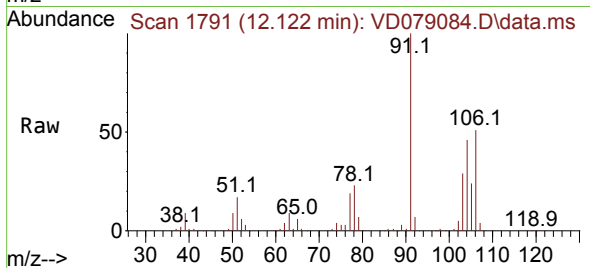




#54
o-Xylene
Concen: 25.454 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

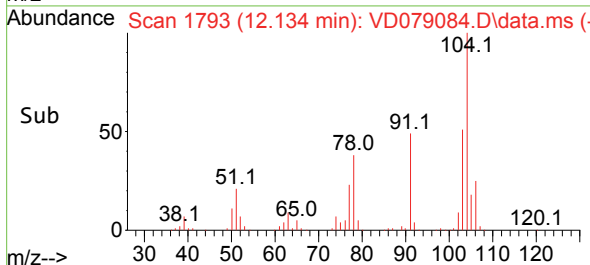
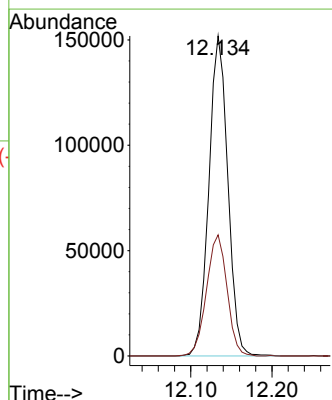
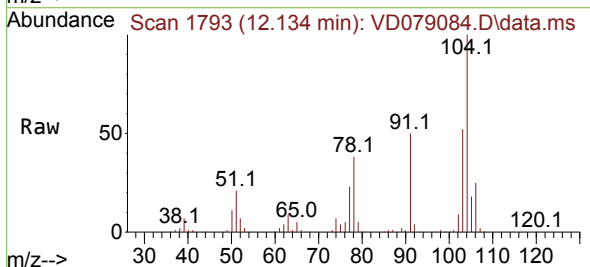
Instrument :
MSVOA_D
ClientSampleId :

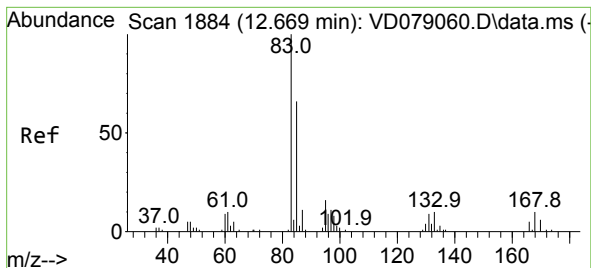
Tgt Ion:106 Resp: 132385
Ion Ratio Lower Upper
106 100
91 195.4 132.9 246.9



#55
Styrene
Concen: 26.681 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Tgt Ion:104 Resp: 246048
Ion Ratio Lower Upper
104 100
78 37.9 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.205 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD079084.D

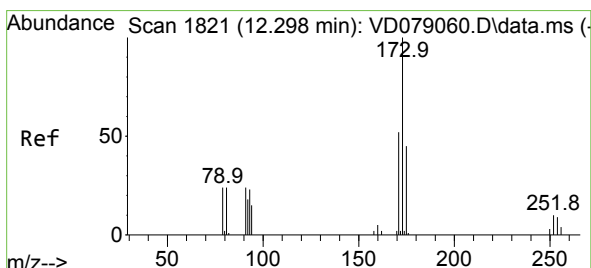
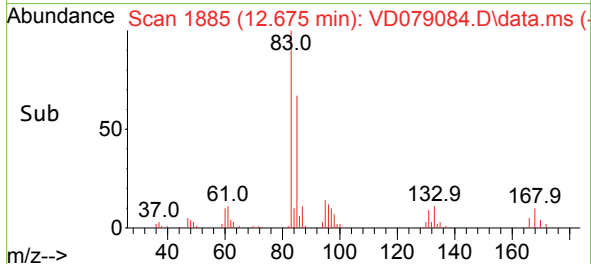
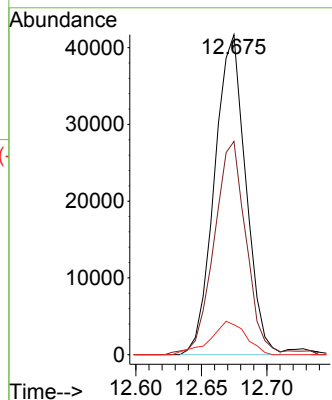
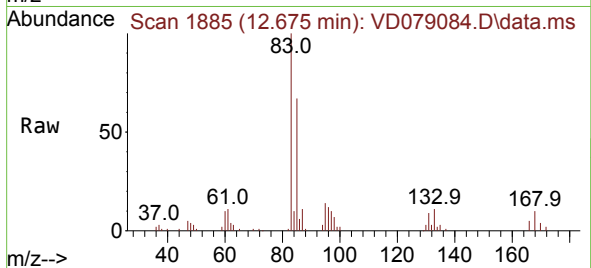
Acq: 30 May 2024 09:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 68969
Ion Ratio	Lower Upper
83	100
85	66.6 47.5 88.1
131	9.4 8.6 13.0



#59

Bromoform

Concen: 23.089 ug/L

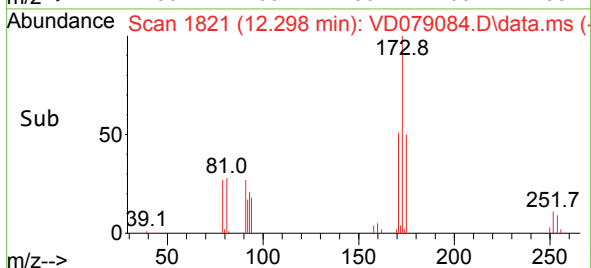
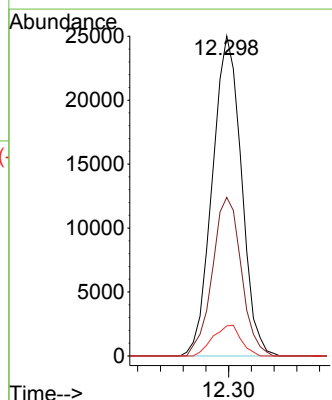
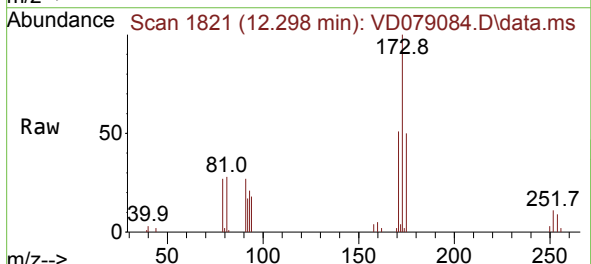
RT: 12.298 min Scan# 1821

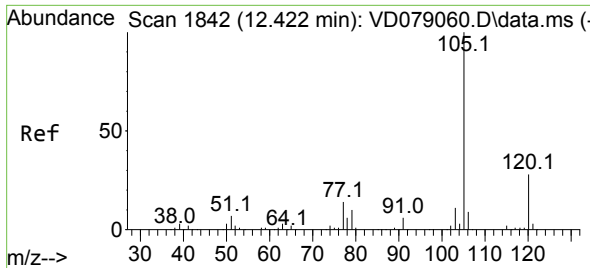
Delta R.T. -0.000 min

Lab File: VD079084.D

Acq: 30 May 2024 09:36

Tgt Ion: 173	Resp: 44448
Ion Ratio	Lower Upper
173	100
175	49.3 38.2 57.4
254	9.3 7.0 10.6

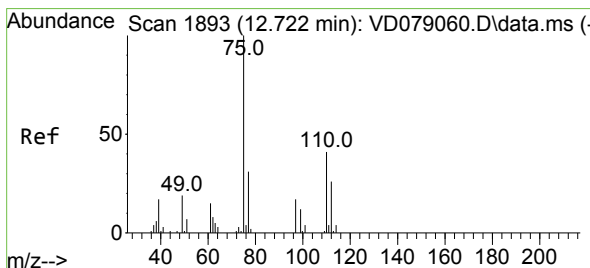
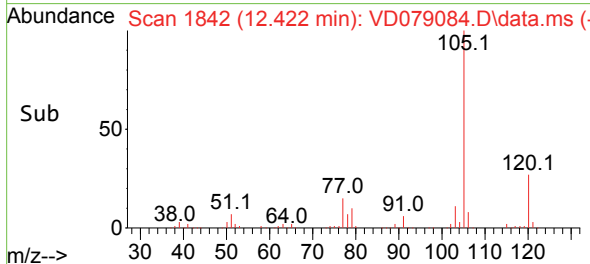
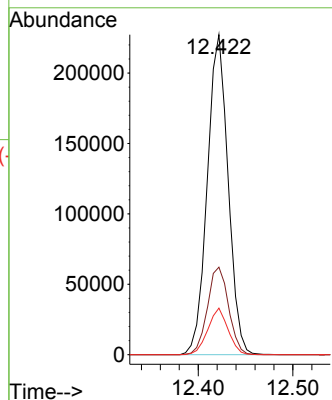
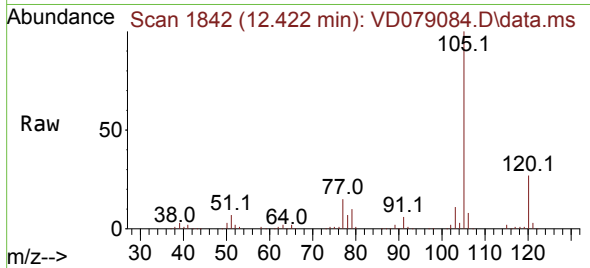




#60
Isopropylbenzene
Concen: 24.916 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

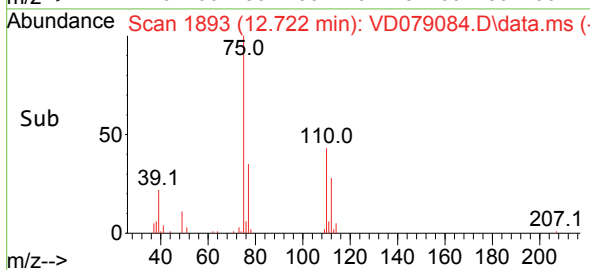
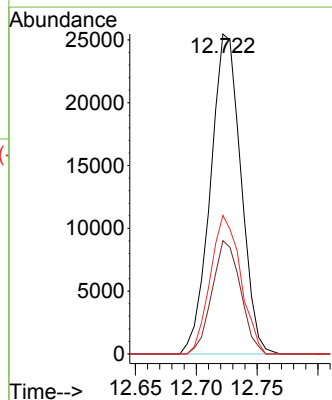
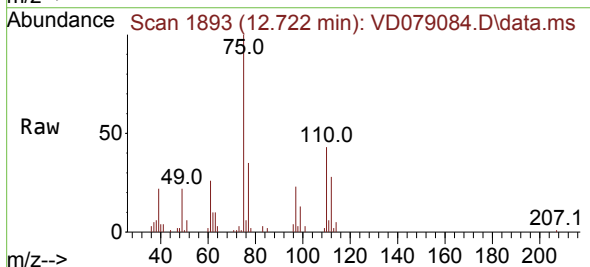
Instrument :
MSVOA_D
ClientSampleId :

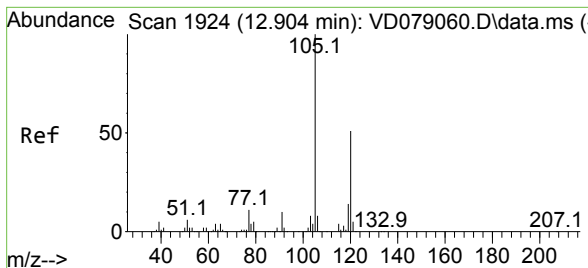
Tgt Ion:105 Resp: 346041
Ion Ratio Lower Upper
105 100
120 27.8 21.9 32.9
77 14.1 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 23.914 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Tgt Ion: 75 Resp: 44345
Ion Ratio Lower Upper
75 100
77 33.1 25.9 38.9
110 43.0 34.2 51.4

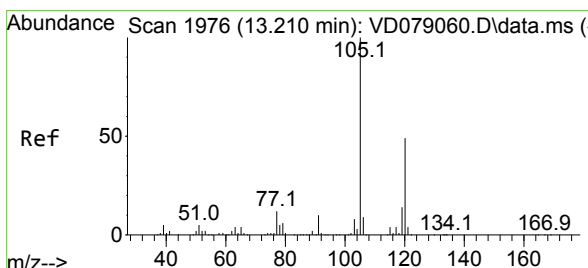
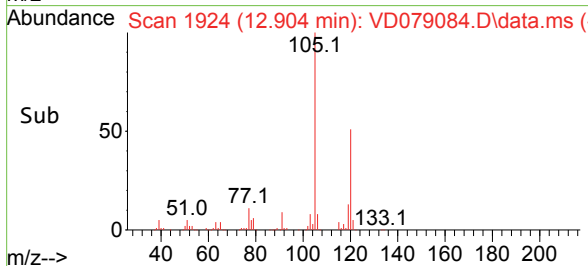
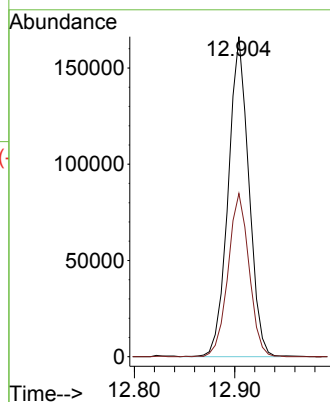
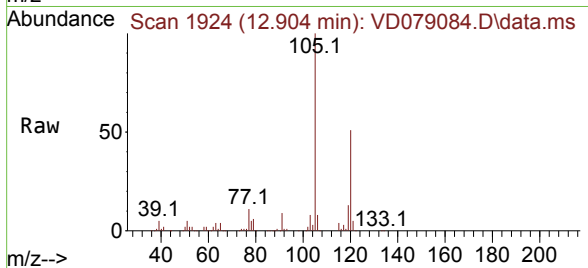




#62
1,3,5-Trimethylbenzene
Concen: 24.906 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

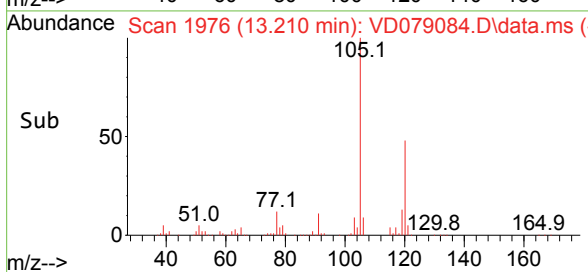
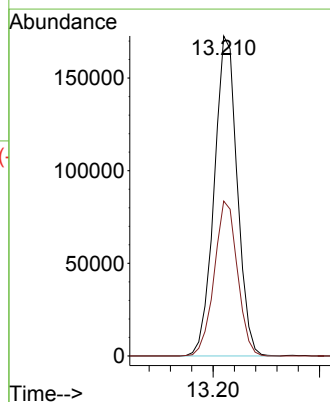
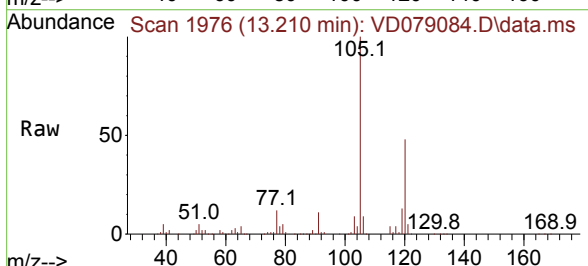
Instrument :
MSVOA_D
ClientSampleId :

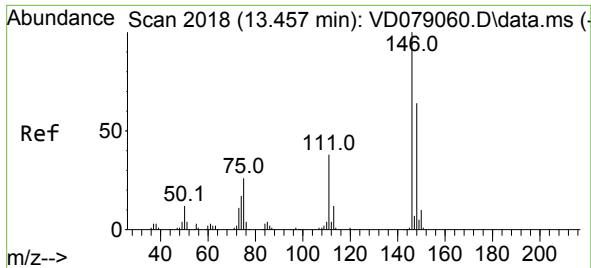
Tgt Ion:105 Resp: 236501
Ion Ratio Lower Upper
105 100
120 52.0 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 25.430 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

Tgt Ion:105 Resp: 258280
Ion Ratio Lower Upper
105 100
120 48.8 38.0 57.0

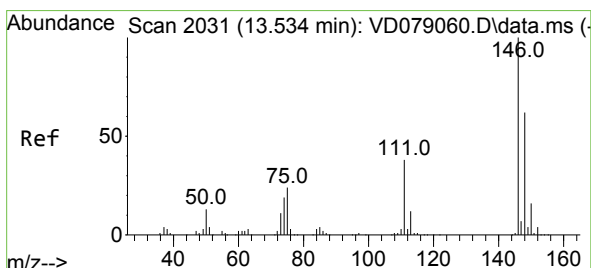
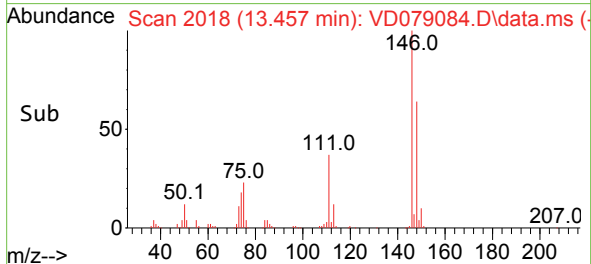
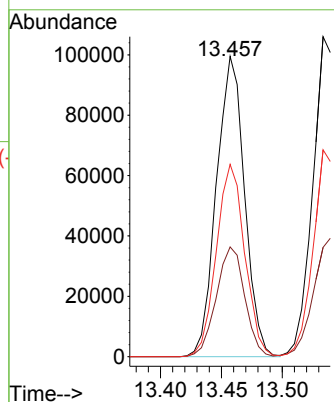
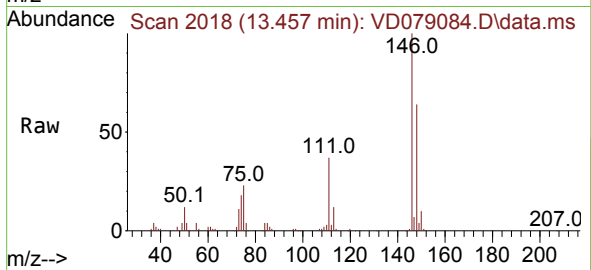




#64
 1,3-Dichlorobenzene
 Concen: 23.951 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

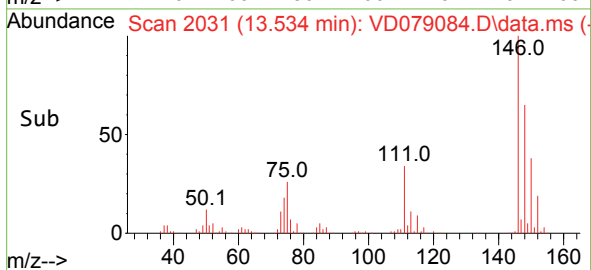
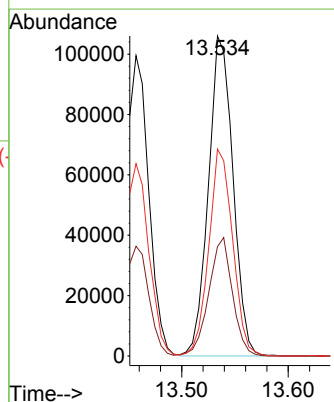
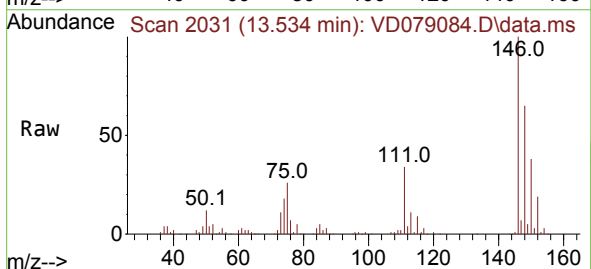
Instrument :
 MSVOA_D
 ClientSampleId :

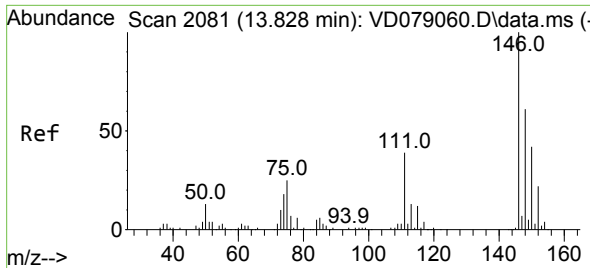
Tgt Ion:146 Resp: 159800
 Ion Ratio Lower Upper
 146 100
 111 36.5 24.4 45.4
 148 64.0 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 24.044 ug/L
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

Tgt Ion:146 Resp: 169975
 Ion Ratio Lower Upper
 146 100
 111 34.2 26.3 48.9
 148 64.6 43.1 80.1

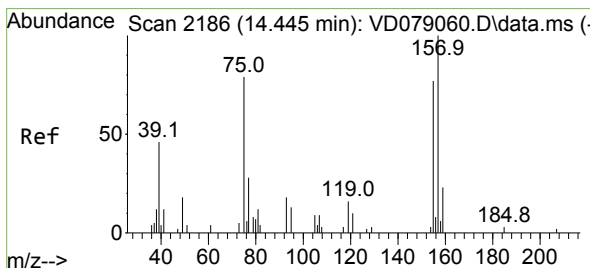
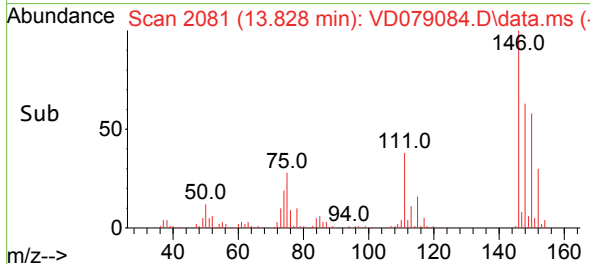
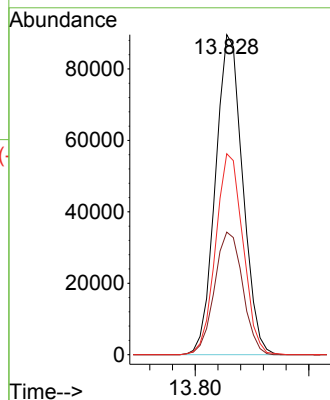
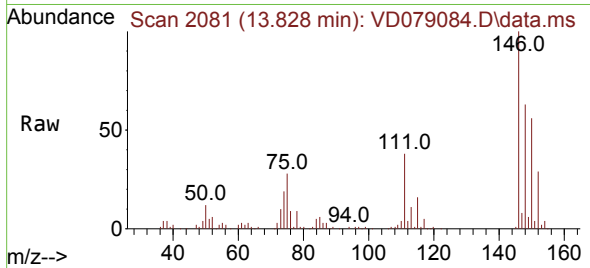




#67
 1,2-Dichlorobenzene
 Concen: 24.185 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

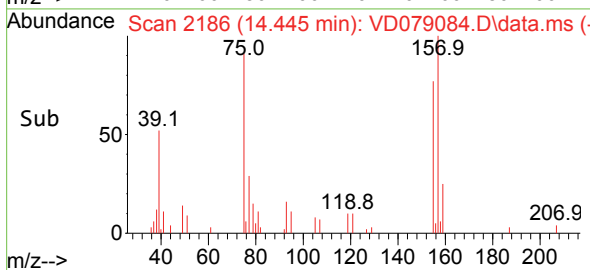
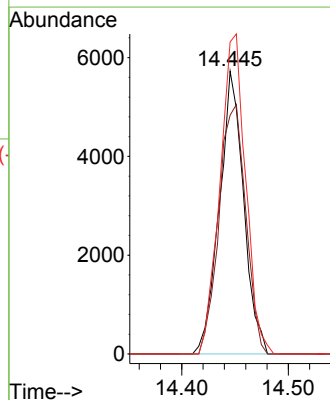
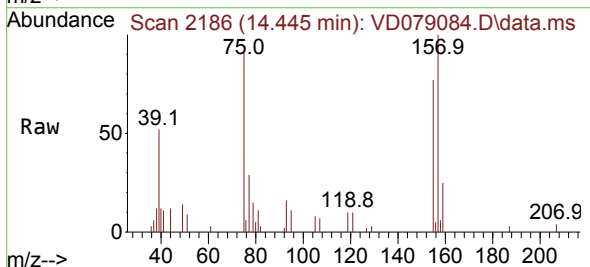
Instrument :
 MSVOA_D
 ClientSampleId :

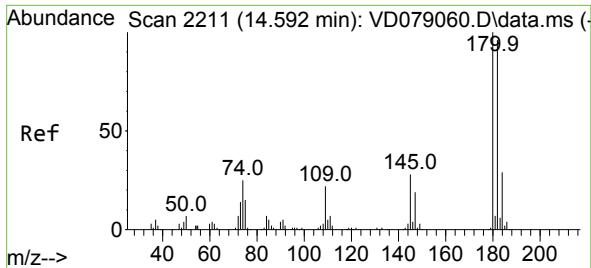
Tgt Ion:146 Resp: 149168
 Ion Ratio Lower Upper
 146 100
 111 38.3 29.1 43.7
 148 62.8 51.2 76.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.767 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

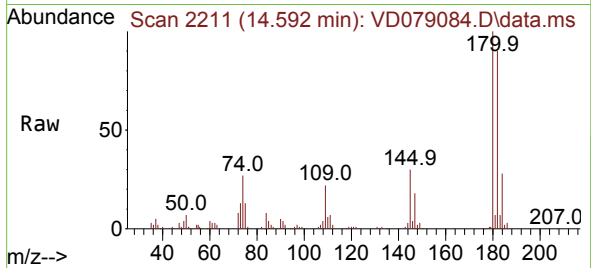
Tgt Ion: 75 Resp: 9060
 Ion Ratio Lower Upper
 75 100
 155 84.4 68.1 102.1
 157 110.3 91.6 137.4



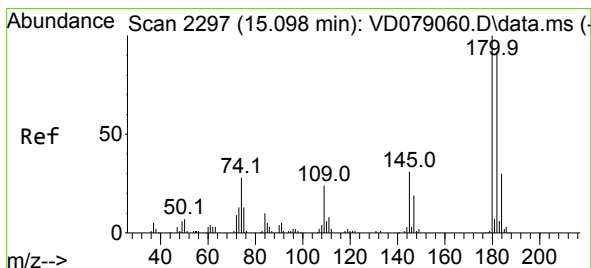
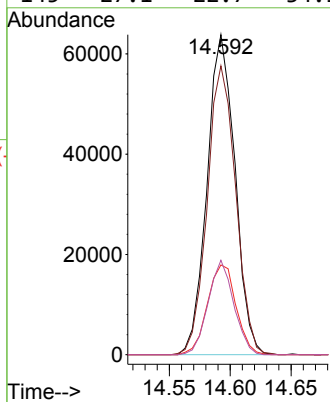
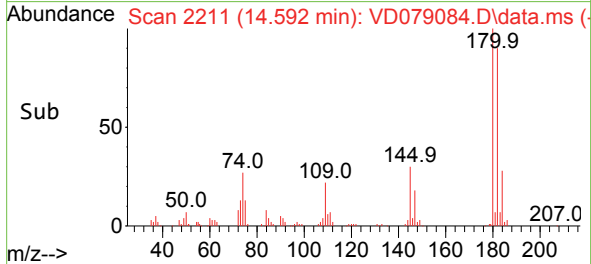


#69
1,3,5-Trichlorobenzene
Concen: 24.197 ug/L
RT: 14.592 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36

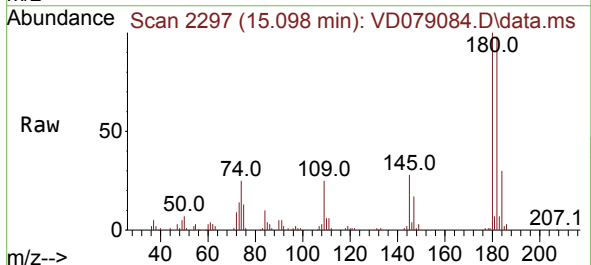
Instrument :
MSVOA_D
ClientSampleId :



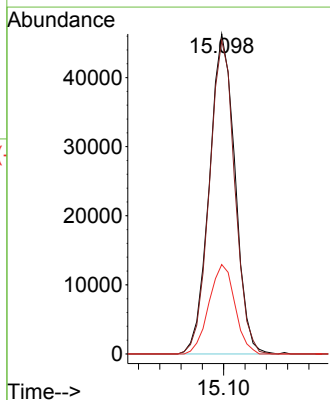
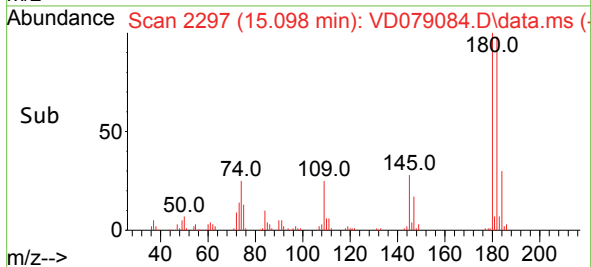
Tgt Ion:180 Resp: 101818
Ion Ratio Lower Upper
180 100
182 91.9 76.9 115.3
184 28.8 23.3 34.9
145 27.1 22.7 34.1

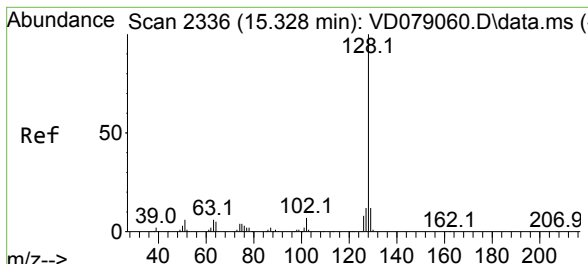


#70
1,2,4-trichlorobenzene
Concen: 22.134 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD079084.D
Acq: 30 May 2024 09:36



Tgt Ion:180 Resp: 77352
Ion Ratio Lower Upper
180 100
182 96.6 73.8 110.6
145 28.3 22.3 33.5



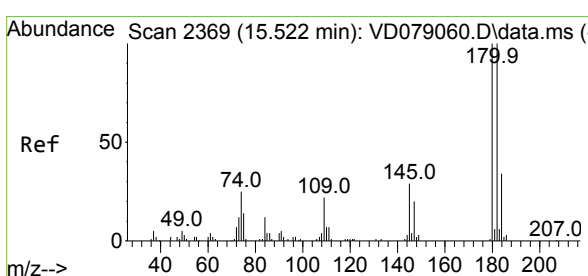
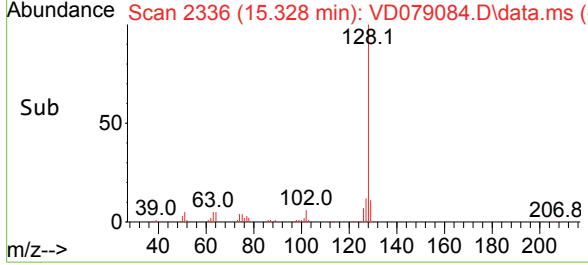
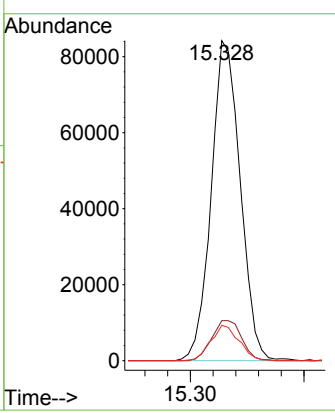
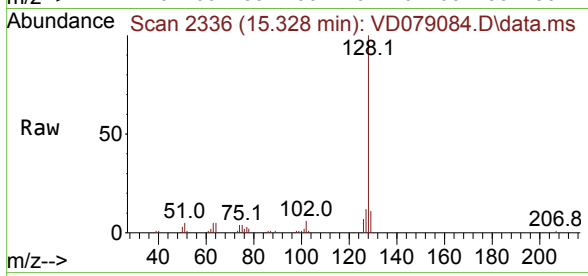


#71
 Naphthalene
 Concen: 22.802 ug/L
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128 Resp: 149031

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.8	8.5	12.7



#72
 1,2,3-Trichlorobenzene
 Concen: 24.961 ug/L
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD079084.D
 Acq: 30 May 2024 09:36

Tgt Ion:180 Resp: 75395

Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.4	119.2
145	30.6	24.7	37.1

