

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079104.D
 Acq On : 30 May 2024 18:51
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 01:59:27 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	223356	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	219379	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	112755	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	161706	23.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.120%
7) Chloroethane-d5	2.793	69	144964	21.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	3.911	65	24008	19.676	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.720%
21) 2-Butanone-d5	6.981	46	24094	45.830	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.660%
24) Chloroform-d	7.563	84	132541	21.223	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.880%
26) 1,2-Dichloroethane-d4	8.228	65	63841	22.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.640%
32) Benzene-d6	8.199	84	272060	22.371	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	9.210	67	74214	21.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.720%
41) Toluene-d8	10.269	98	252684	22.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.760%
43) trans-1,3-Dichloroprop...	10.522	79	32922	22.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.440%
47) 2-Hexanone-d5	10.875	63	23172	51.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	71279	22.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	83303	21.407	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	72839	20.601	ug/L	99
3) Chloromethane	2.146	50	125587	26.650	ug/L	99
5) Vinyl chloride	2.281	62	211265	27.161	ug/L	94
6) Bromomethane	2.687	94	140499	23.398	ug/L	98
8) Chloroethane	2.834	64	144925	25.422	ug/L	97
9) Trichlorofluoromethane	3.170	101	123421	20.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	76340	21.486	ug/L	99
12) 1,1-Dichloroethene	3.934	96	69970	22.620	ug/L	99
13) Acetone	4.023	43	32828	43.132	ug/L	92
14) Carbon disulfide	4.270	76	251272	23.286	ug/L	98
15) Methyl Acetate	4.564	43	27980	26.981	ug/L #	80
16) Methylene chloride	4.799	84	94919	23.850	ug/L	98
17) trans-1,2-Dichloroethene	5.311	96	84682	25.332	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	163798	27.628	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	133999	24.897	ug/L #	96
20) cis-1,2-Dichloroethene	7.081	96	88833	25.521	ug/L	95
22) 2-Butanone	7.081	43	40997	51.275	ug/L	97
23) Bromochloromethane	7.422	128	45509	25.788	ug/L	92
25) Chloroform	7.593	83	151214	24.746	ug/L	97

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 Response via : Initial Calibration

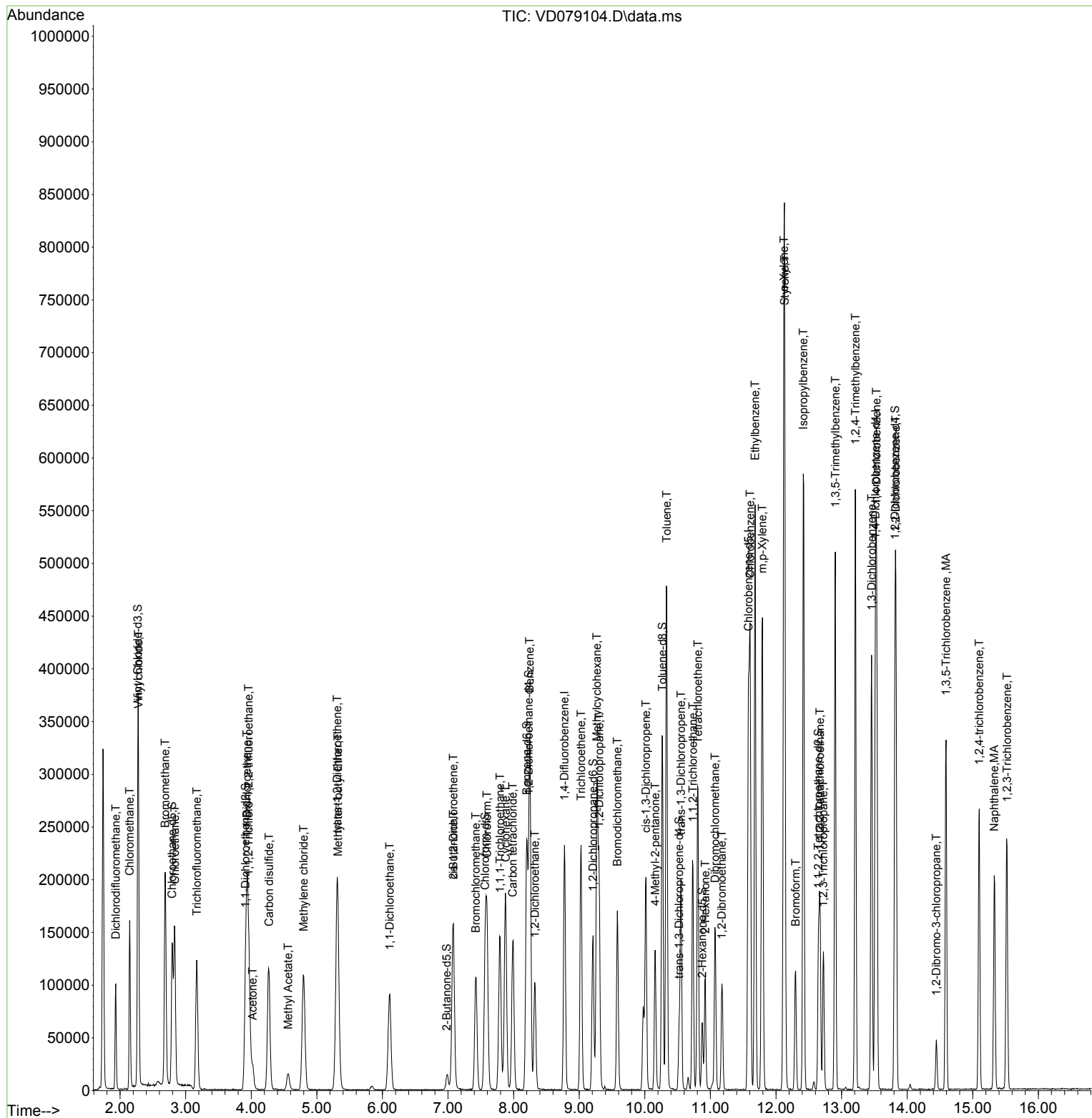
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	89841	25.327	ug/L #	94
29) Cyclohexane	7.881	56	93932	23.731	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	123287	23.737	ug/L	99
31) Carbon tetrachloride	7.987	117	112517	23.312	ug/L	94
33) Benzene	8.246	78	341198	26.113	ug/L	100
34) Trichloroethene	9.028	95	82926	24.641	ug/L	95
35) Methylcyclohexane	9.269	83	128822	23.102	ug/L	100
37) 1,2-Dichloropropane	9.305	63	83690	26.149	ug/L	100
38) Bromodichloromethane	9.581	83	113624	25.539	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	127367	25.493	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	78942	59.087	ug/L	96
42) Toluene	10.334	91	385113	26.543	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	112576	26.646	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	74506	26.536	ug/L	96
46) Tetrachloroethene	10.810	164	69006	23.288	ug/L	96
48) 2-Hexanone	10.922	43	61095	52.847	ug/L	99
49) Dibromochloromethane	11.069	129	82747	24.887	ug/L	97
50) 1,2-Dibromoethane	11.175	107	68526	26.556	ug/L #	99
51) Chlorobenzene	11.604	112	246369	25.520	ug/L	99
52) Ethylbenzene	11.681	91	396414	26.193	ug/L	100
53) m,p-Xylene	11.793	106	156899	26.424	ug/L	99
54) o-Xylene	12.122	106	154056	26.854	ug/L	97
55) Styrene	12.134	104	283219	27.843	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	83927	26.703	ug/L	95
59) Bromoform	12.299	173	52597	25.451	ug/L	97
60) Isopropylbenzene	12.416	105	390527	26.194	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	54879	27.568	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	273188	26.799	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	298641	27.390	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	182351	25.460	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	190723	25.131	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	168545	25.455	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10688	26.117	ug/L	87
69) 1,3,5-Trichlorobenzene	14.593	180	108827	24.091	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	88410	23.565	ug/L	97
71) Naphthalene	15.328	128	182998	26.082	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	85705	26.431	ug/L	97

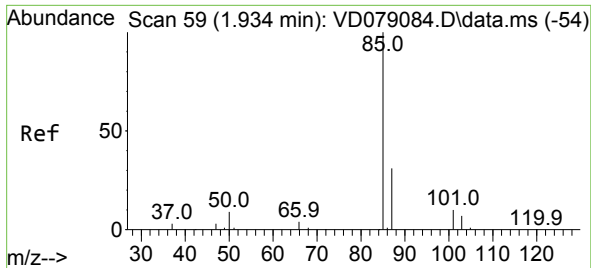
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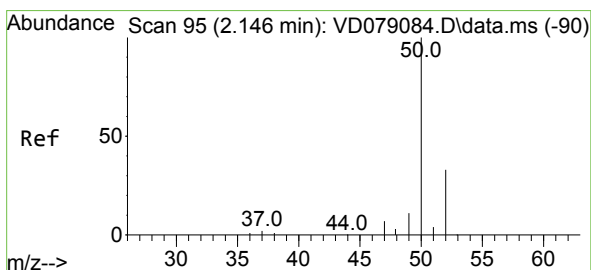
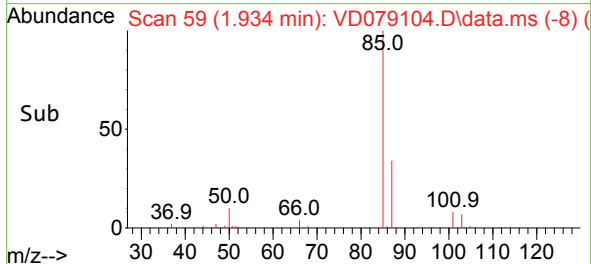
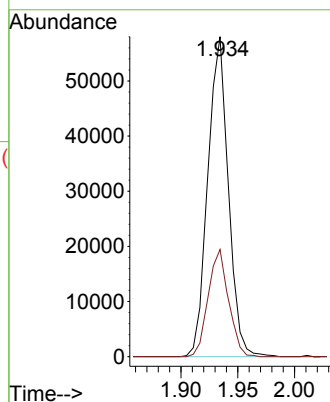
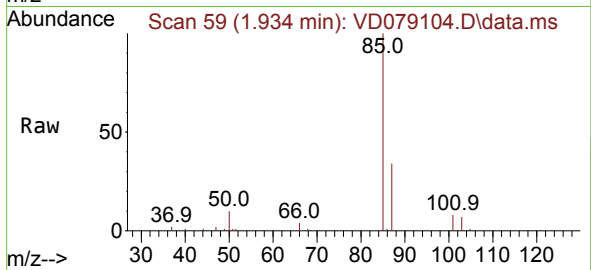




#2
Dichlorodifluoromethane
Concen: 20.601 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

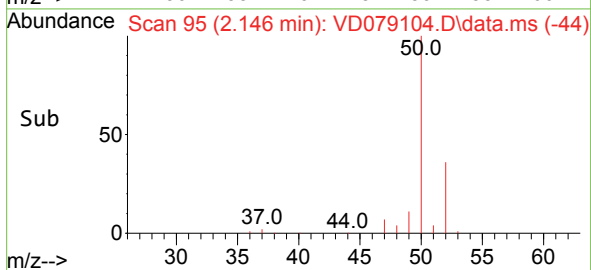
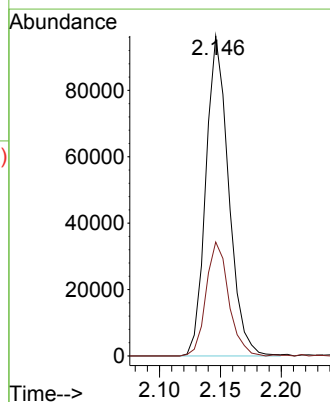
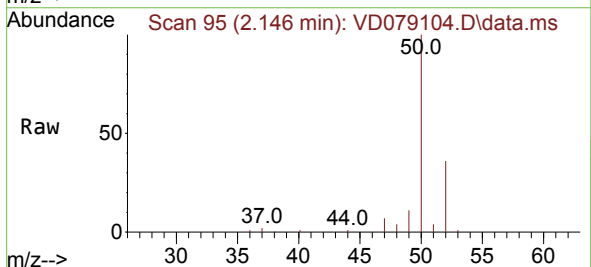
Instrument :
MSVOA_D
ClientSampleId :

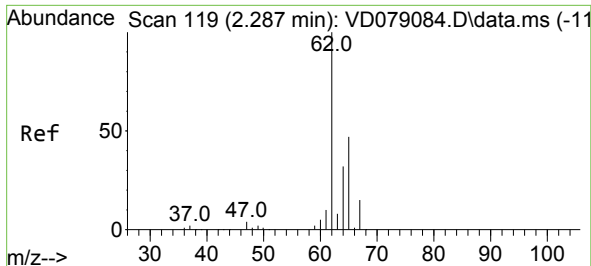
Tgt Ion: 85 Resp: 72839
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.4



#3
Chloromethane
Concen: 26.650 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Tgt Ion: 50 Resp: 125587
Ion Ratio Lower Upper
50 100
52 35.6 24.4 45.2

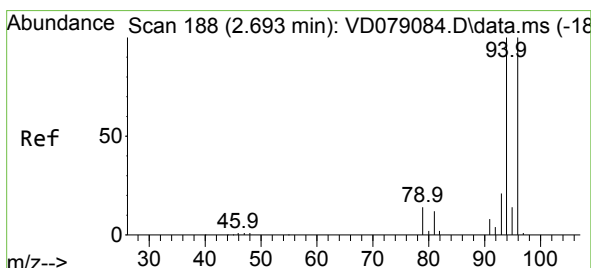
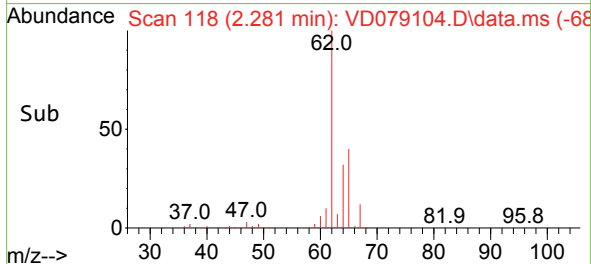
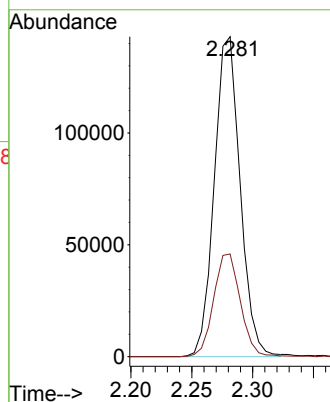
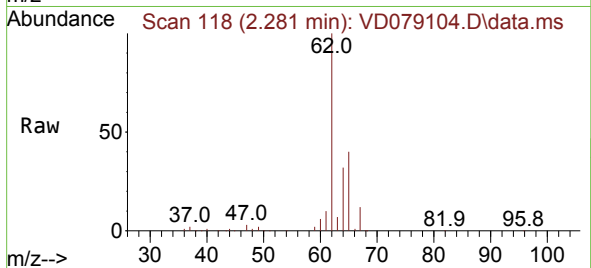




#5
 Vinyl chloride
 Concen: 27.161 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

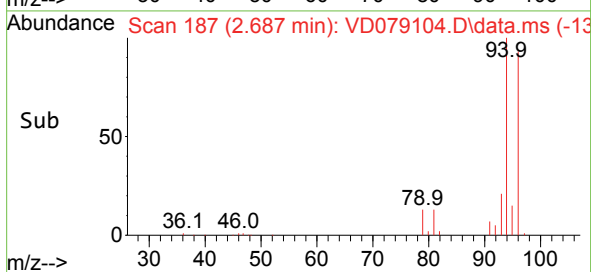
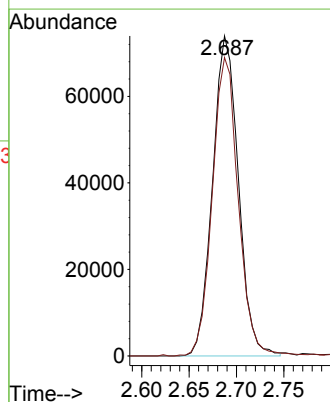
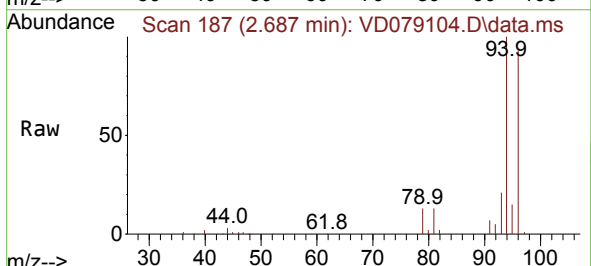
Instrument :
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 ClientSampleId :

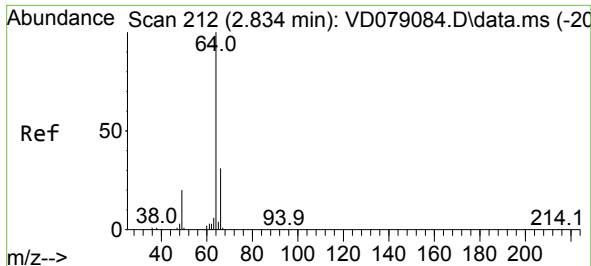
Tgt Ion: 62 Resp: 211265
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.8 46.1



#6
 Bromomethane
 Concen: 23.398 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Tgt Ion: 94 Resp: 140499
 Ion Ratio Lower Upper
 94 100
 96 93.2 63.6 118.2

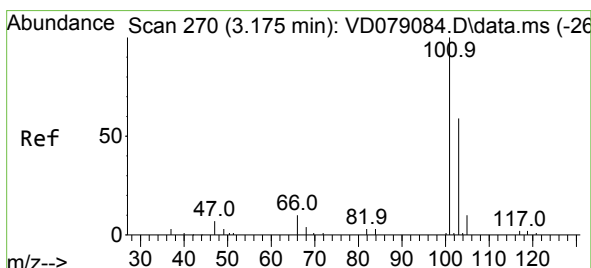
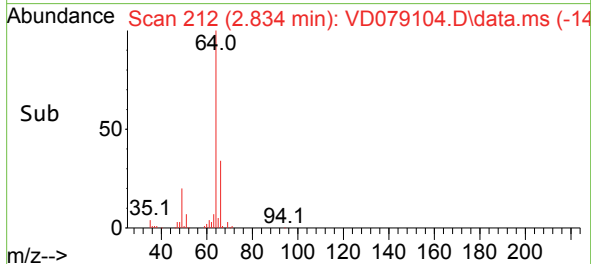
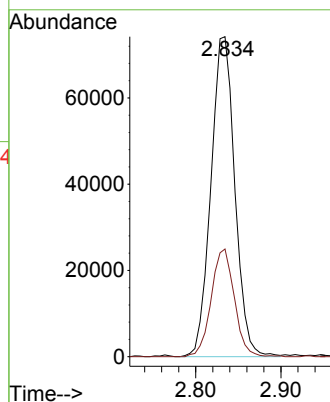
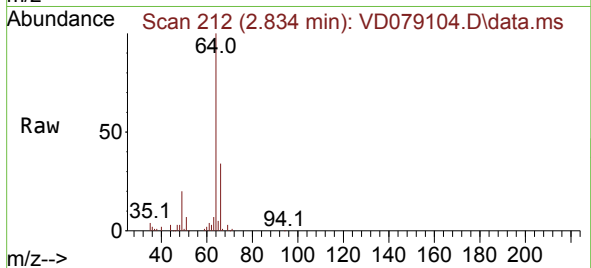




#8
Chloroethane
Concen: 25.422 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

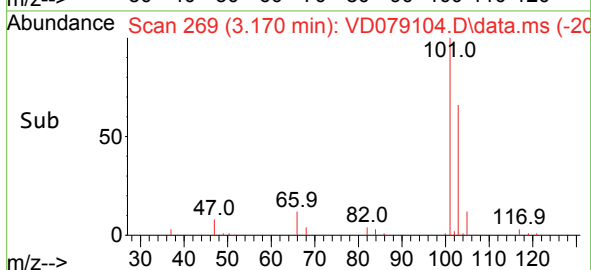
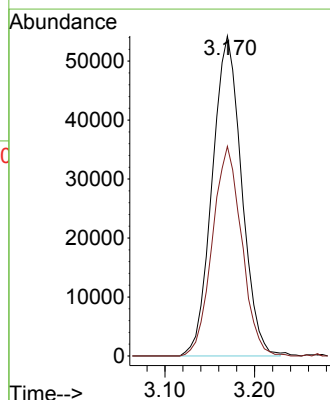
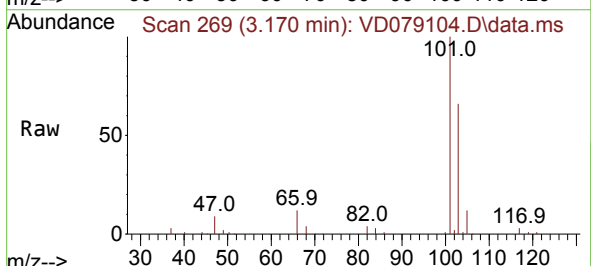
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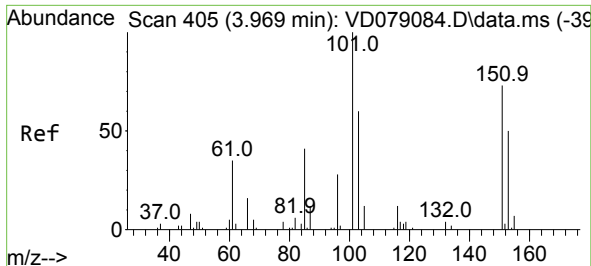
Tgt Ion: 64 Resp: 144925
Ion Ratio Lower Upper
64 100
66 33.7 24.8 46.1



#9
Trichlorofluoromethane
Concen: 20.830 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Tgt Ion:101 Resp: 123421
Ion Ratio Lower Upper
101 100
103 65.1 52.6 79.0

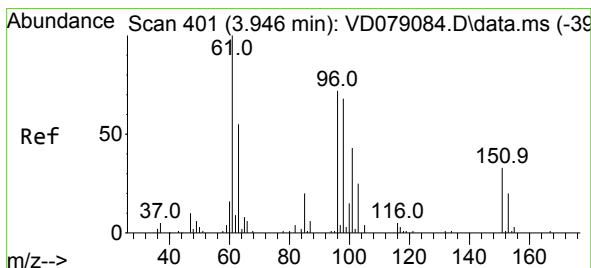
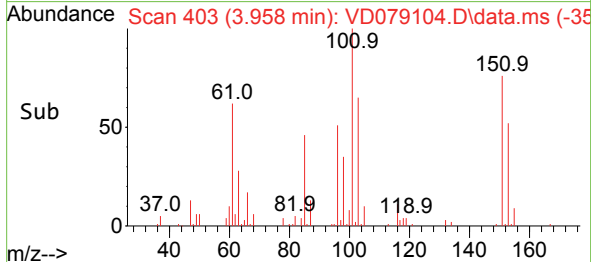
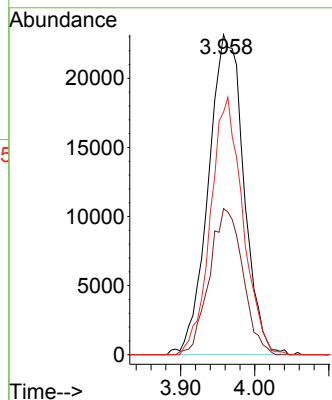
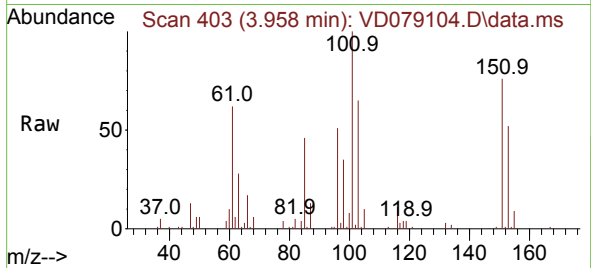




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.486 ug/L
 RT: 3.958 min Scan# 405
 Delta R.T. -0.012 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

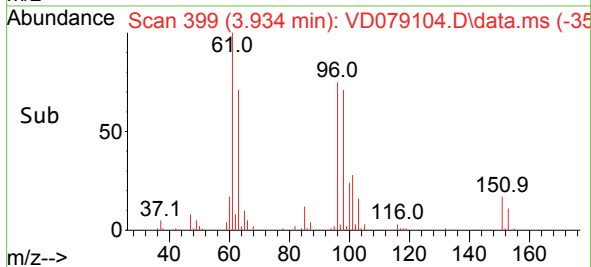
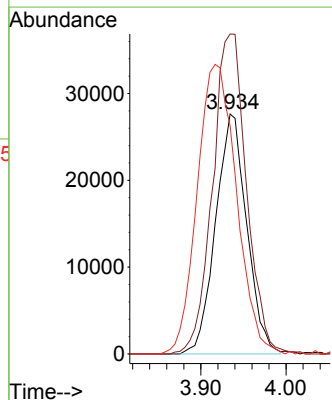
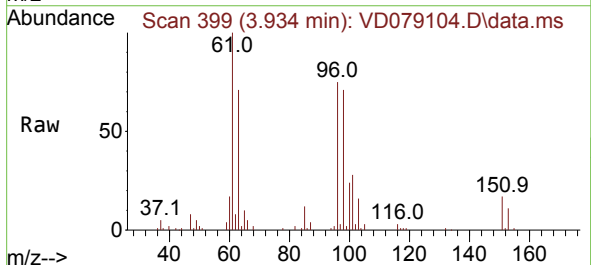
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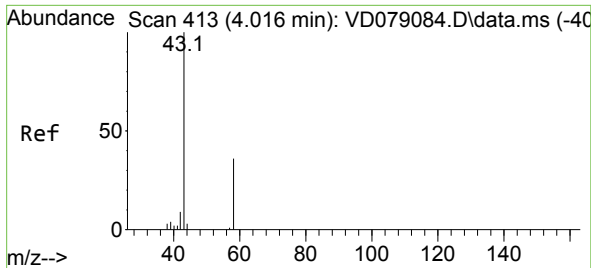
Tgt Ion:101 Resp: 76340
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.4 53.0
 151 73.6 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 22.620 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.012 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Tgt Ion: 96 Resp: 69970
 Ion Ratio Lower Upper
 96 100
 61 133.3 93.9 174.3
 63 95.0 67.7 125.7





#13

Acetone

Concen: 43.132 ug/L

RT: 4.023 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

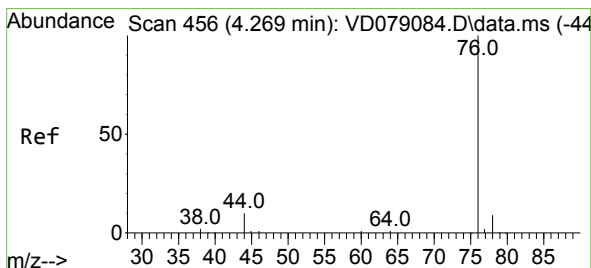
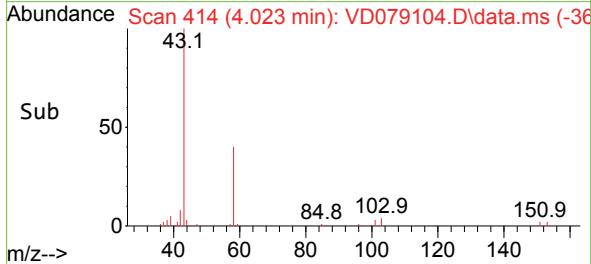
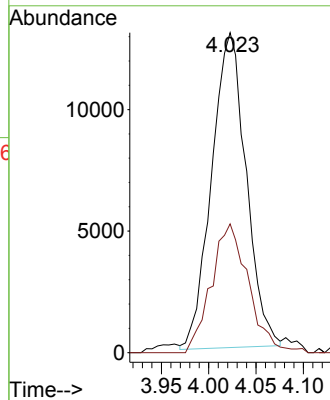
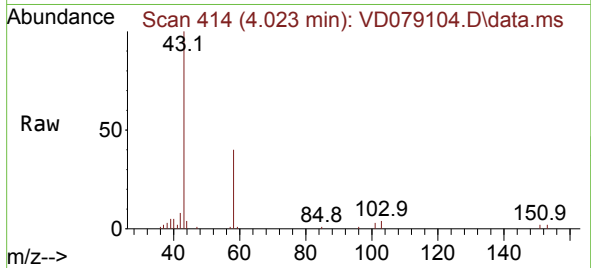
ClientSampleId :

Tgt Ion: 43 Resp: 32828

Ion Ratio Lower Upper

43 100

58 43.8 0.0 78.2



#14

Carbon disulfide

Concen: 23.286 ug/L

RT: 4.270 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079104.D

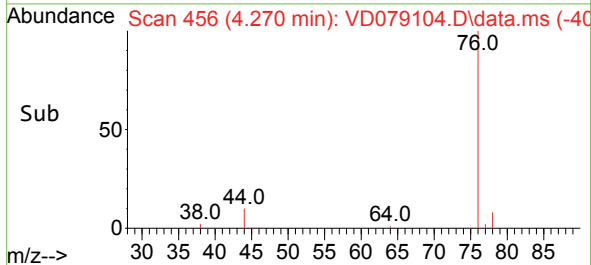
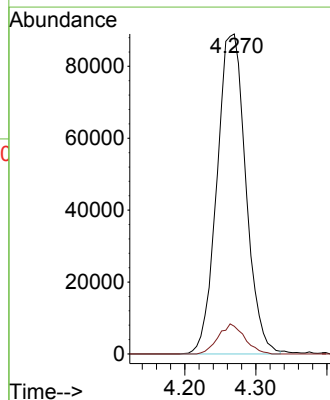
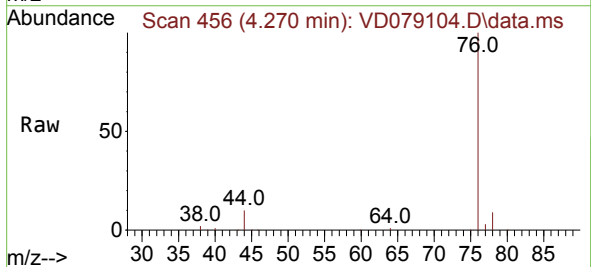
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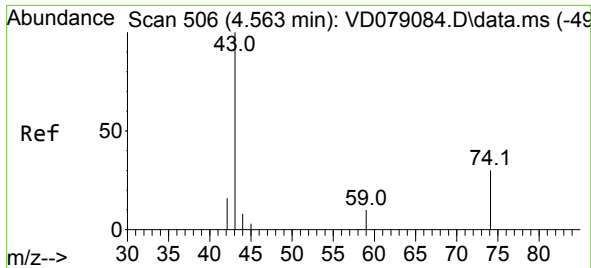
Tgt Ion: 76 Resp: 251272

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

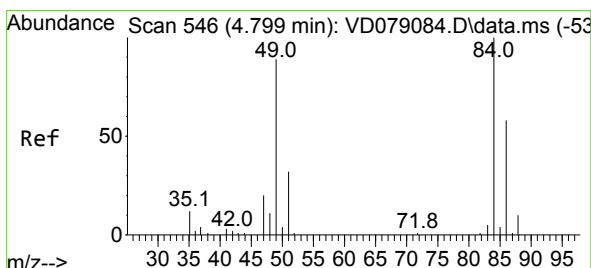
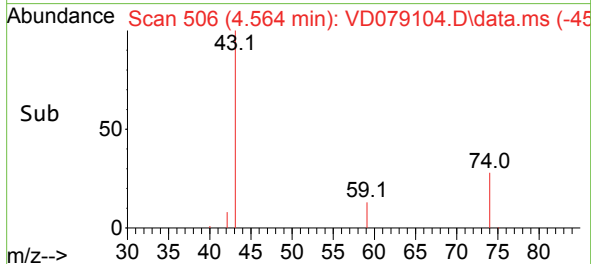
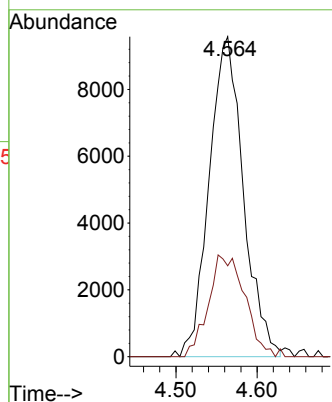
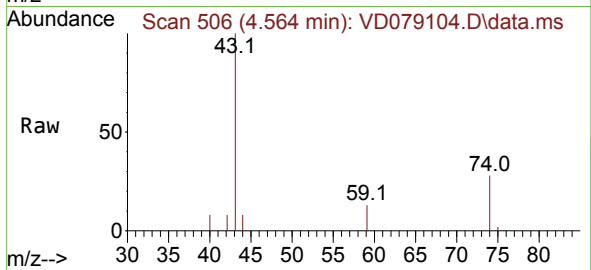




#15
Methyl Acetate
Concen: 26.981 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

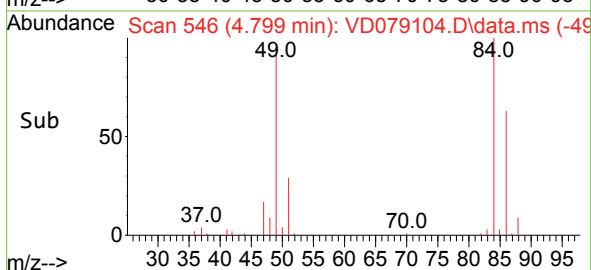
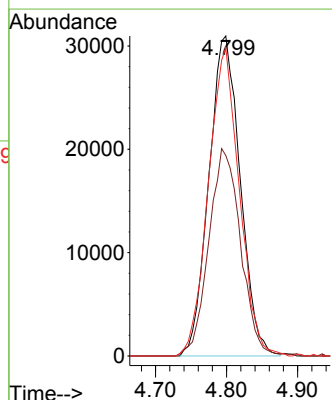
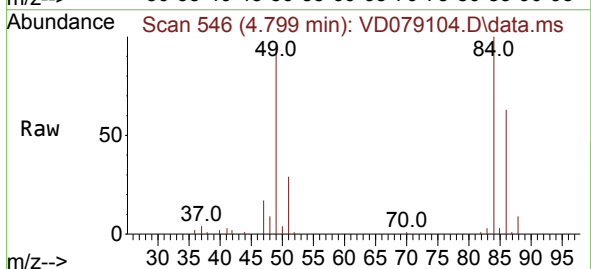
Instrument :
MSVOA_D
ClientSampleId :

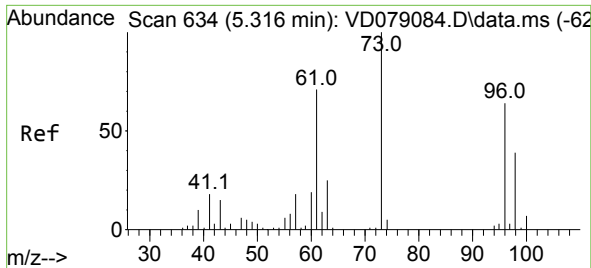
Tgt Ion: 43 Resp: 27980
Ion Ratio Lower Upper
43 100
74 18.9 23.8 35.6#



#16
Methylene chloride
Concen: 23.850 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

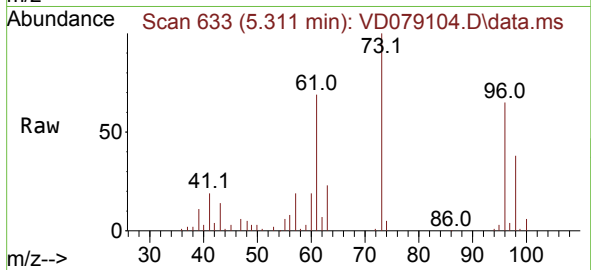
Tgt Ion: 84 Resp: 94919
Ion Ratio Lower Upper
84 100
86 62.6 40.9 76.0
49 96.4 67.5 125.3



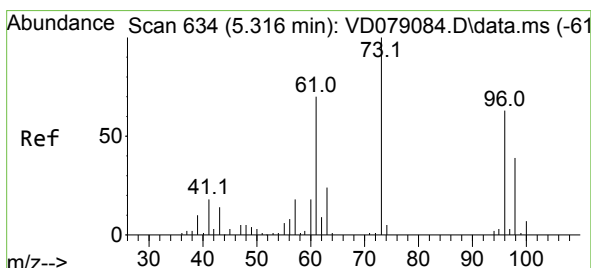
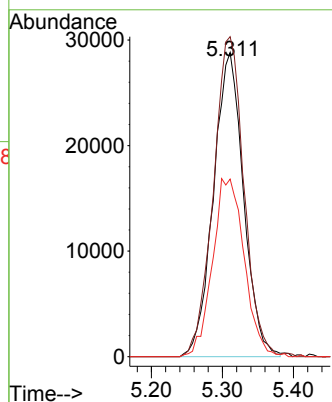
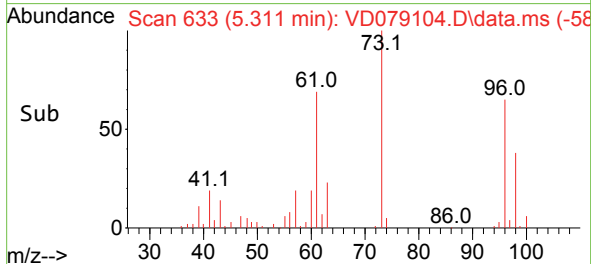


#17
trans-1,2-Dichloroethene
Concen: 25.332 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

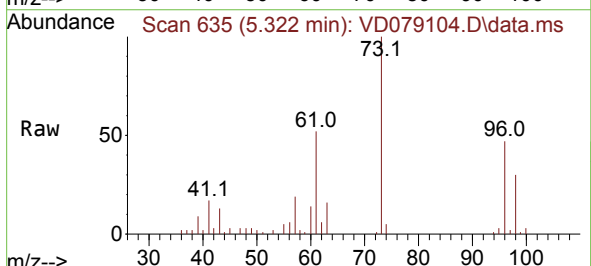
Instrument :
MSVOA_D
ClientSampleId :



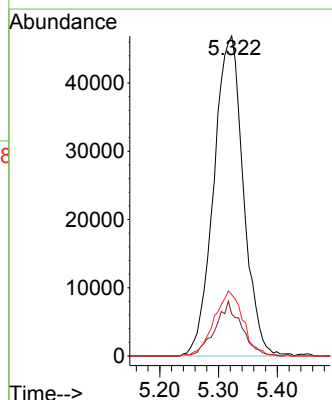
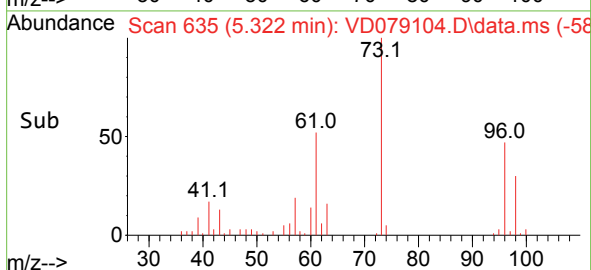
Tgt Ion: 96 Resp: 84682
Ion Ratio Lower Upper
96 100
61 105.2 71.9 133.5
98 58.4 42.6 79.2

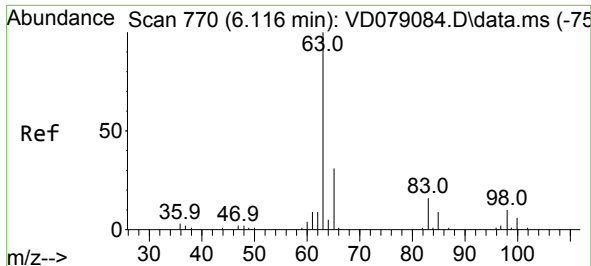


#18
Methyl tert-butyl Ether
Concen: 27.628 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51



Tgt Ion: 73 Resp: 163798
Ion Ratio Lower Upper
73 100
43 15.1 12.0 18.0
57 19.3 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 24.897 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

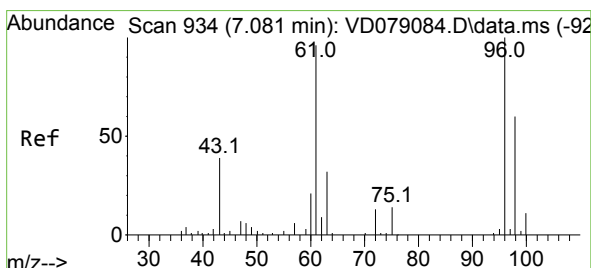
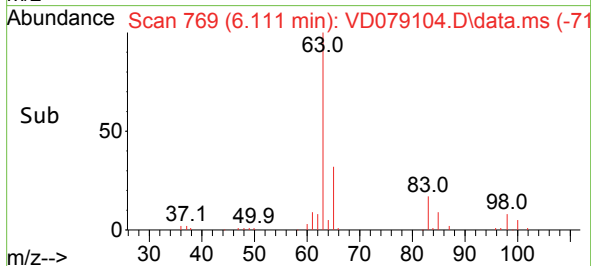
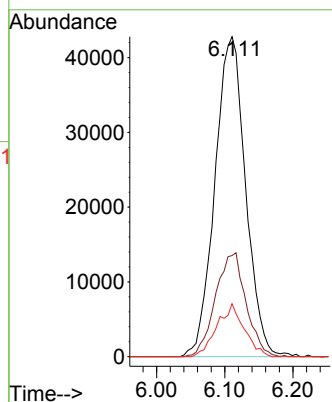
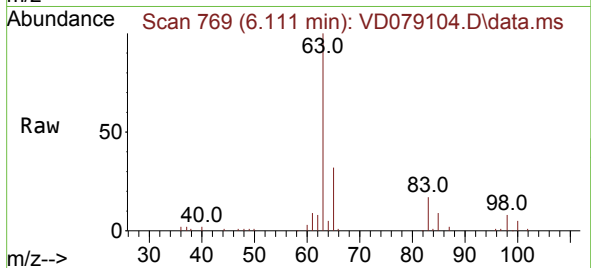
Tgt Ion: 63 Resp: 133999

Ion Ratio Lower Upper

63 100

65 31.6 22.8 42.4

83 16.5 8.6 16.0#



#20

cis-1,2-Dichloroethene

Concen: 25.521 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

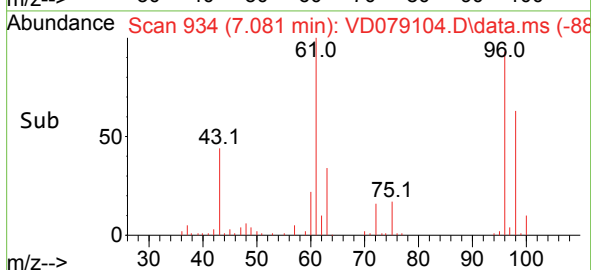
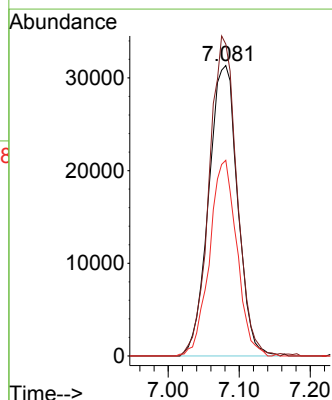
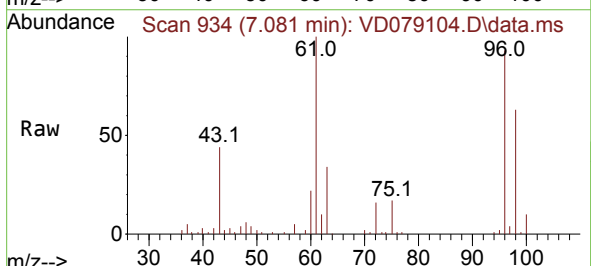
Tgt Ion: 96 Resp: 88833

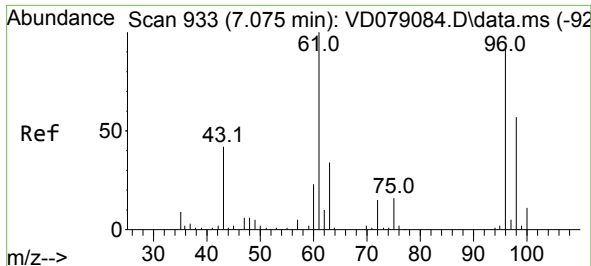
Ion Ratio Lower Upper

96 100

61 107.4 72.6 134.8

98 67.4 43.8 81.3

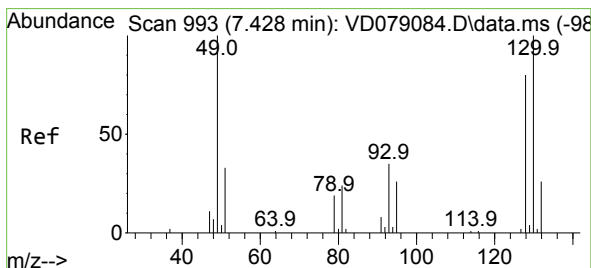
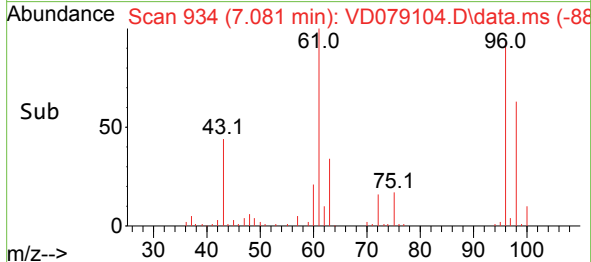
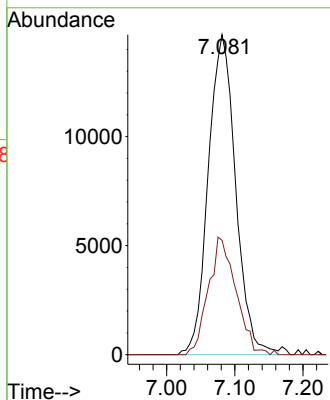
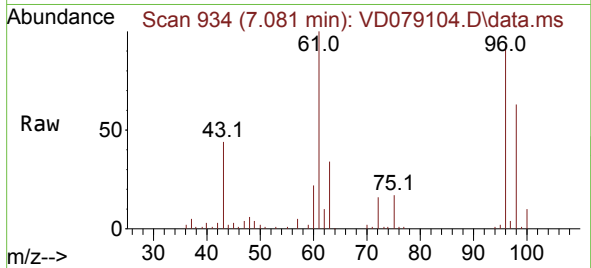




#22
2-Butanone
Concen: 51.275 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

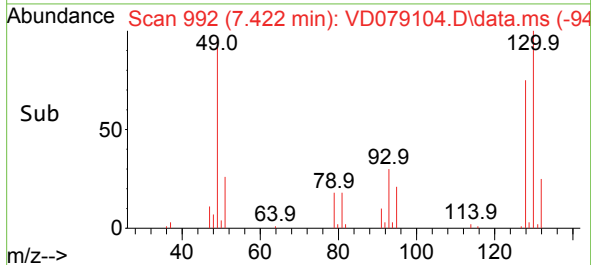
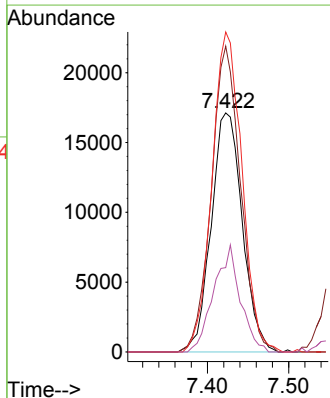
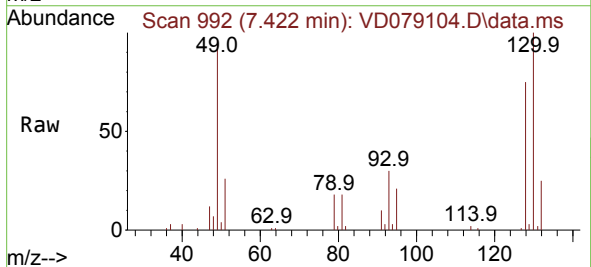
Instrument :
MSVOA_D
ClientSampleId :

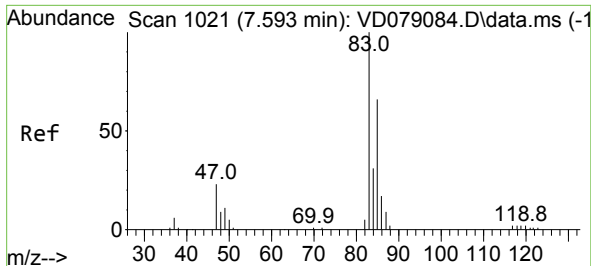
Tgt Ion: 43 Resp: 40997
Ion Ratio Lower Upper
43 100
72 36.5 19.3 57.8



#23
Bromochloromethane
Concen: 25.788 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Tgt Ion:128 Resp: 45509
Ion Ratio Lower Upper
128 100
49 127.9 81.8 151.8
130 133.9 90.4 167.8
51 35.3 33.7 50.5





#25

Chloroform

Concen: 24.746 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

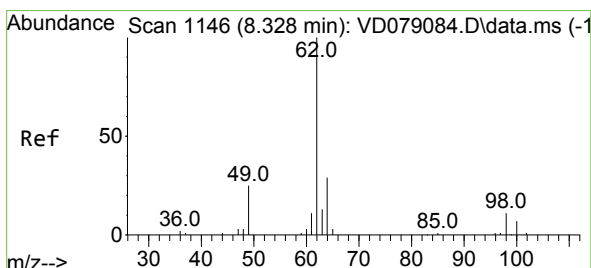
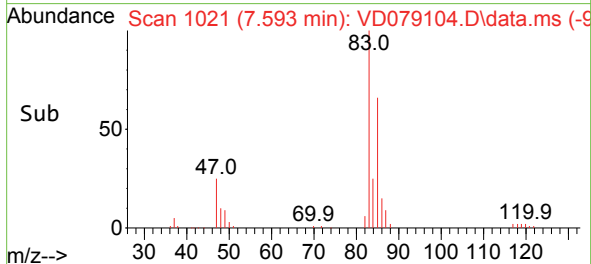
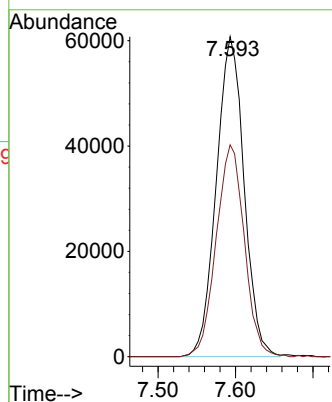
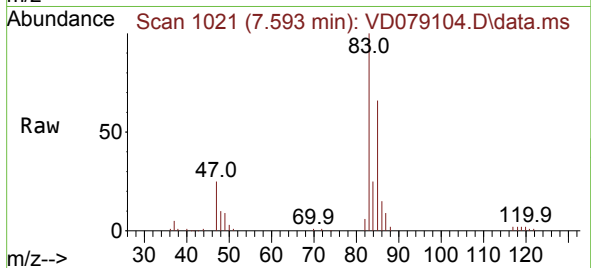
ClientSampleId :

Tgt Ion: 83 Resp: 151214

Ion Ratio Lower Upper

83 100

85 66.2 47.9 89.1



#27

1,2-Dichloroethane

Concen: 25.327 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD079104.D

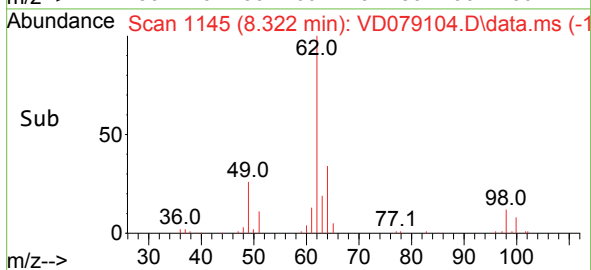
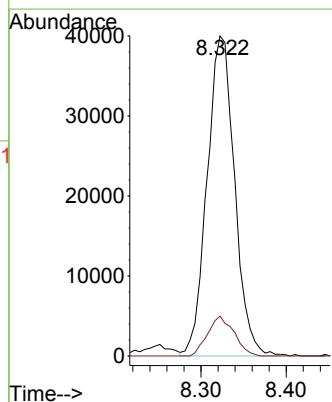
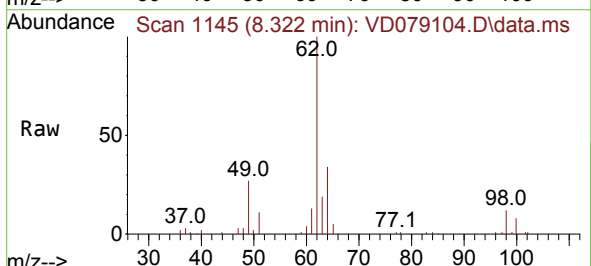
Acq: 30 May 2024 18:51

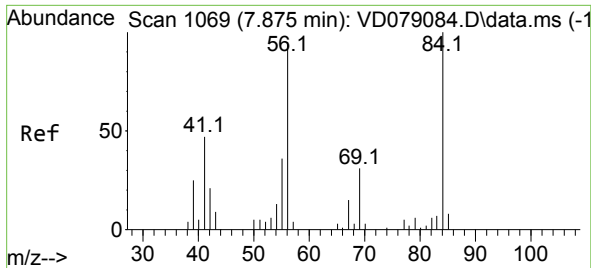
Tgt Ion: 62 Resp: 89841

Ion Ratio Lower Upper

62 100

98 12.5 8.2 12.4#





#29

Cyclohexane

Concen: 23.731 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

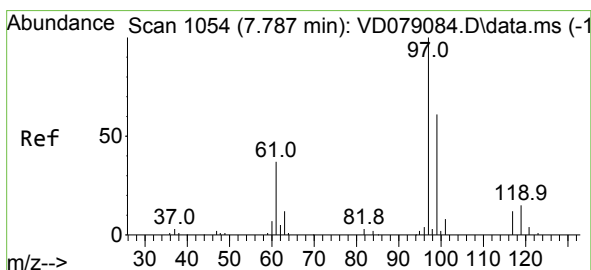
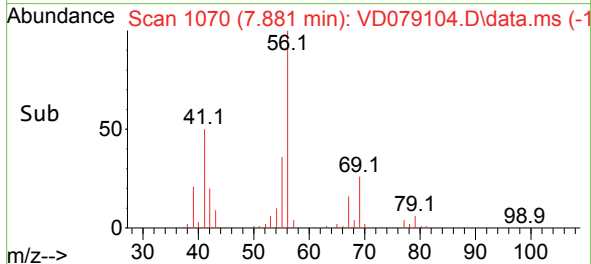
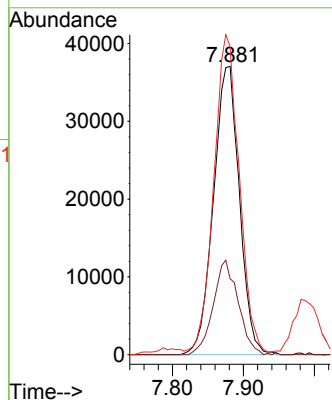
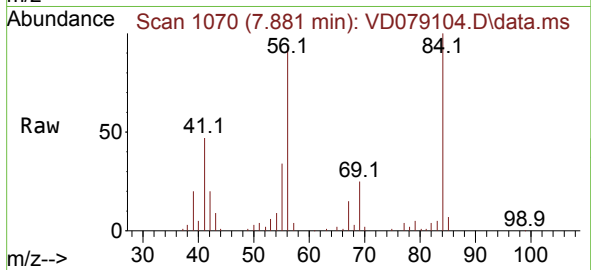
Tgt Ion: 56 Resp: 93932

Ion Ratio Lower Upper

56 100

69 31.4 26.6 40.0

84 109.4 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 23.737 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

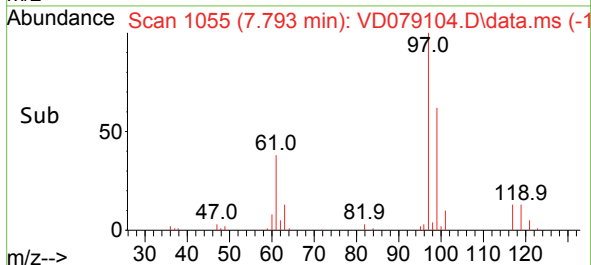
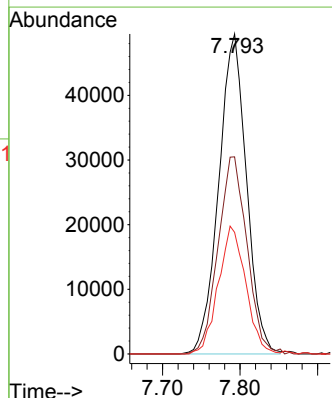
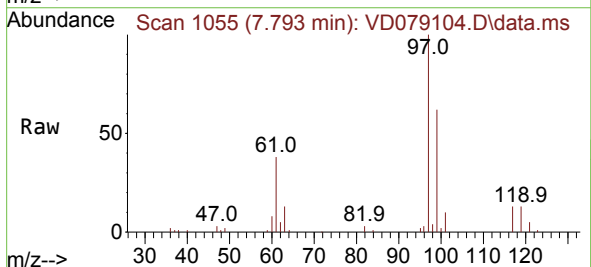
Tgt Ion: 97 Resp: 123287

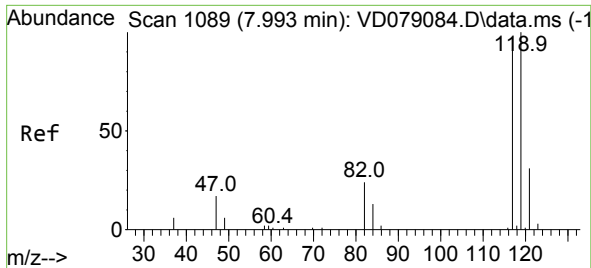
Ion Ratio Lower Upper

97 100

99 63.8 52.3 78.5

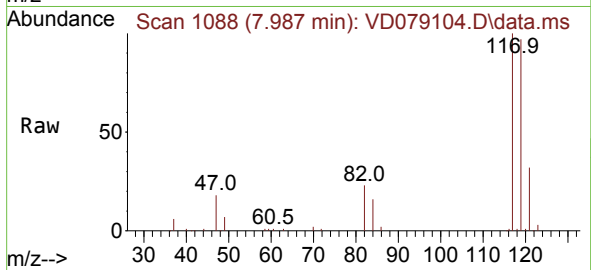
61 39.5 31.7 47.5



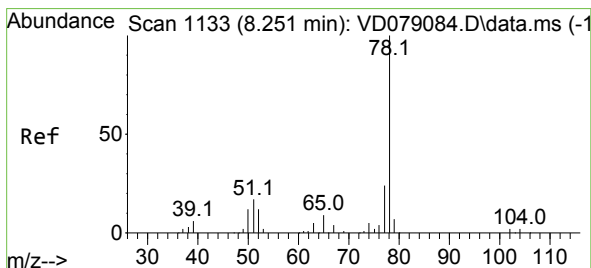
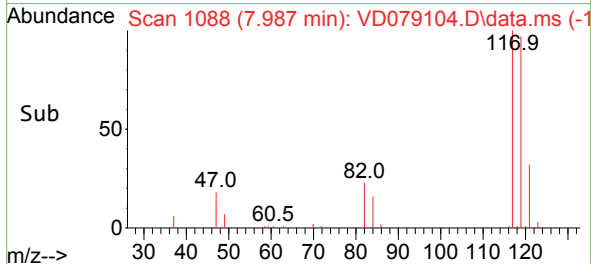
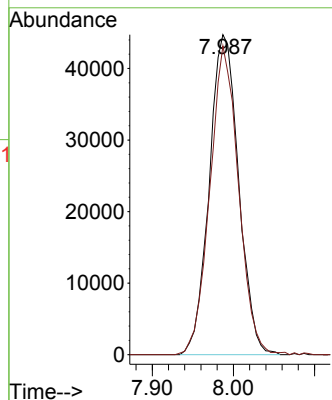


#31
Carbon tetrachloride
Concen: 23.312 ug/L
RT: 7.987 min Scan# 111
Delta R.T. -0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Instrument :
MSVOA_D
ClientSampleId :

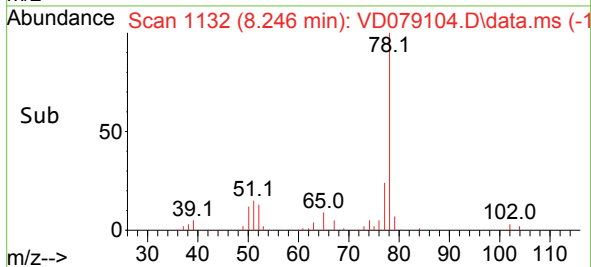
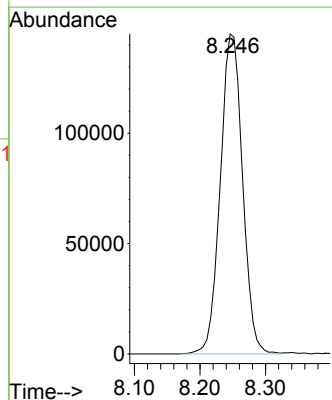
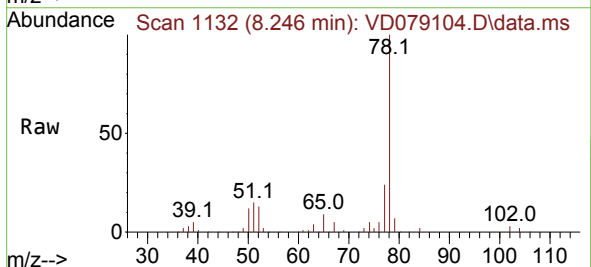


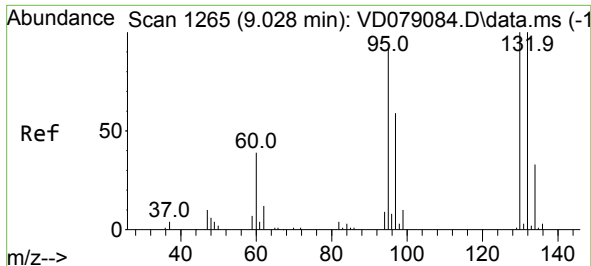
Tgt Ion:117 Resp: 112517
Ion Ratio Lower Upper
117 100
119 93.7 79.6 119.4



#33
Benzene
Concen: 26.113 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Tgt Ion: 78 Resp: 341198

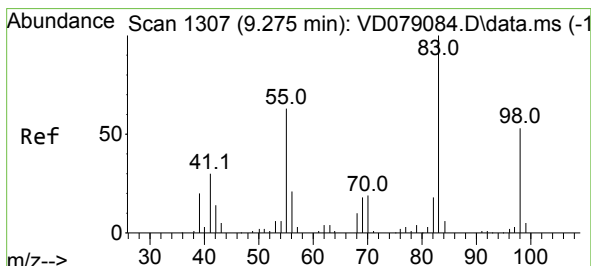
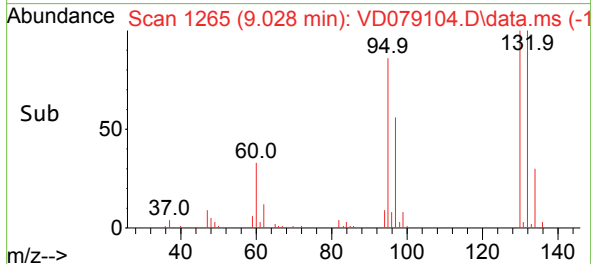
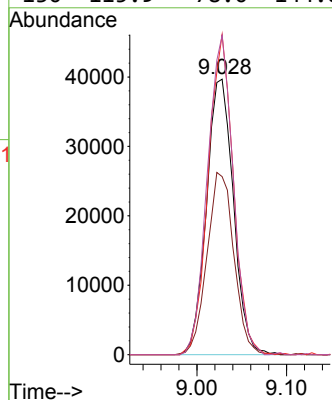
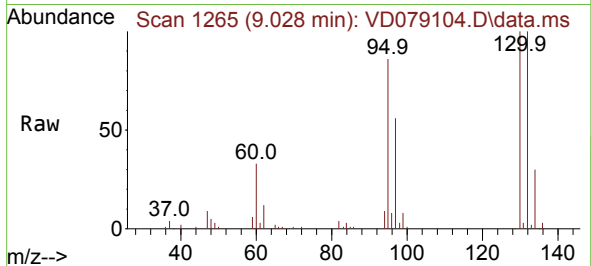




#34
Trichloroethene
Concen: 24.641 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

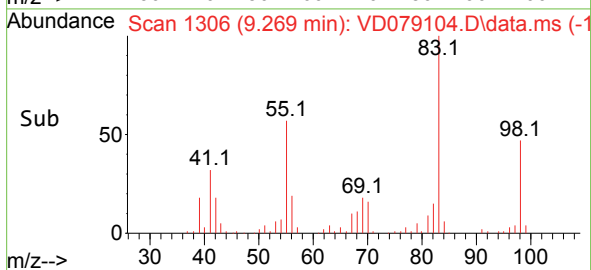
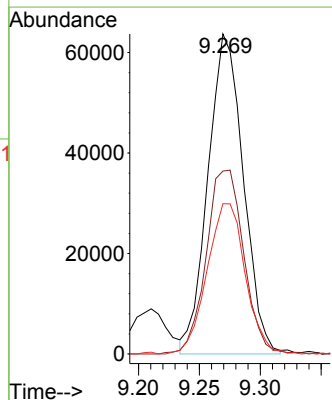
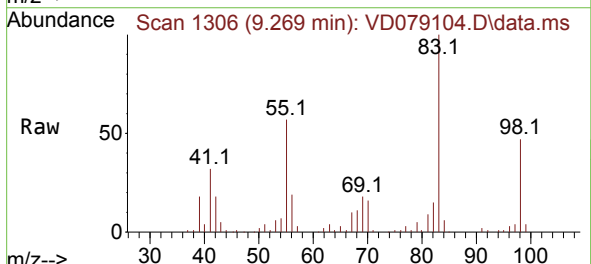
Instrument :
MSVOA_D
ClientSampleId :

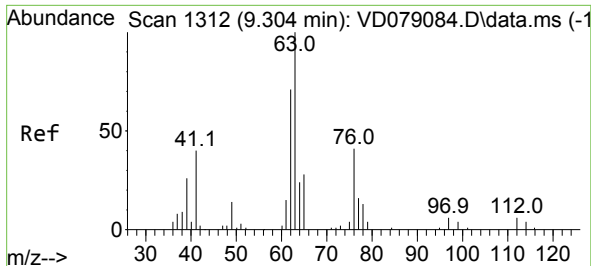
Tgt Ion: 95 Resp: 82926
Ion Ratio Lower Upper
95 100
97 64.7 44.6 82.8
132 116.1 74.9 139.1
130 115.9 78.0 144.8



#35
Methylcyclohexane
Concen: 23.102 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Tgt Ion: 83 Resp: 128822
Ion Ratio Lower Upper
83 100
55 60.9 48.6 72.8
98 50.7 40.2 60.2





#37

1,2-Dichloropropane

Concen: 26.149 ug/L

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

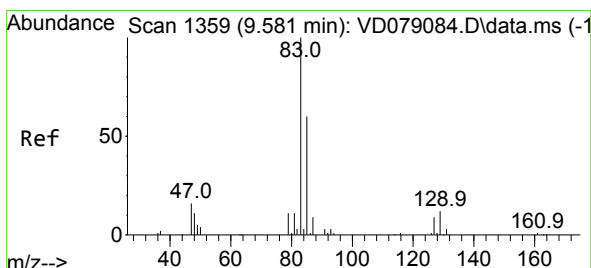
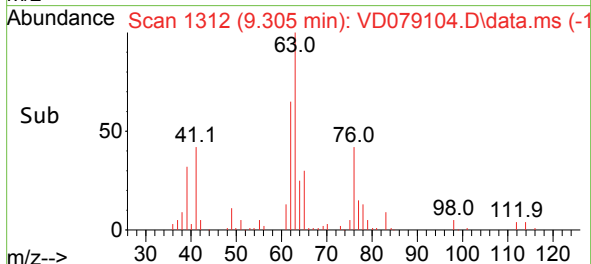
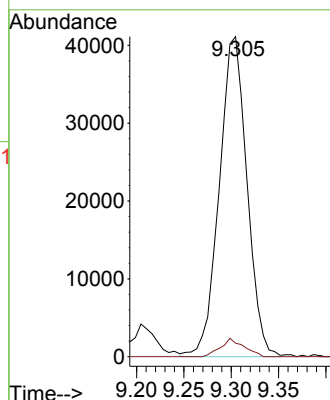
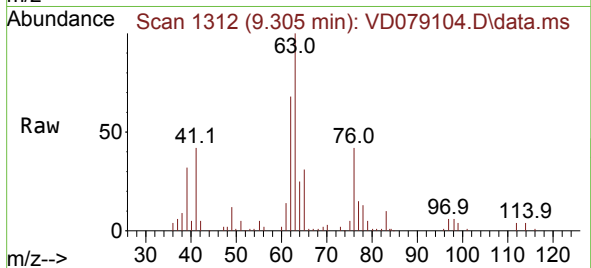
ClientSampleId :

Tgt Ion: 63 Resp: 83690

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 25.539 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

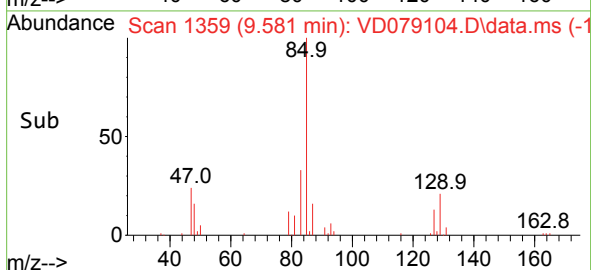
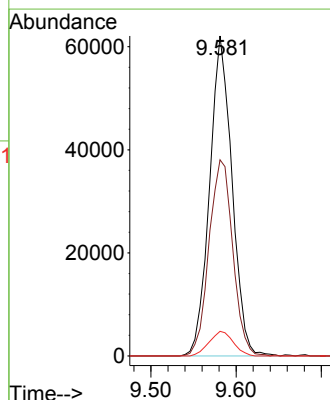
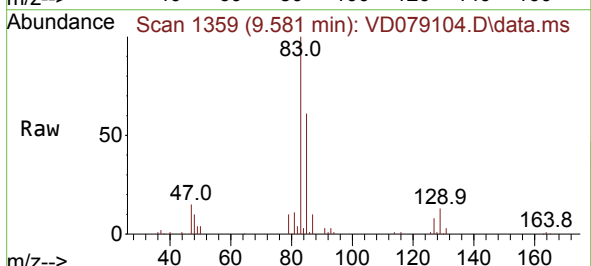
Tgt Ion: 83 Resp: 113624

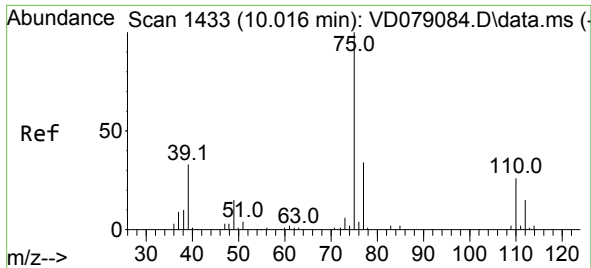
Ion Ratio Lower Upper

83 100

85 61.3 46.5 86.5

127 7.7 7.0 10.6

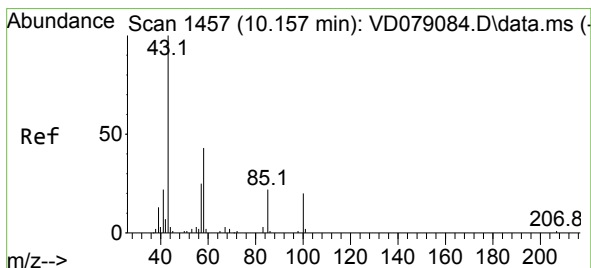
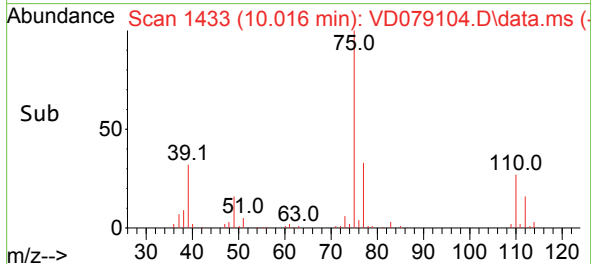
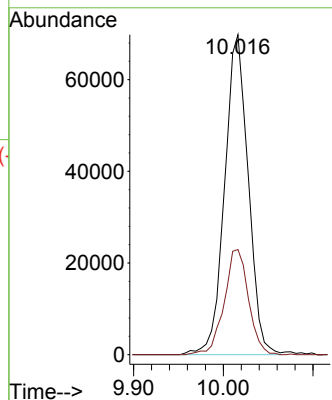
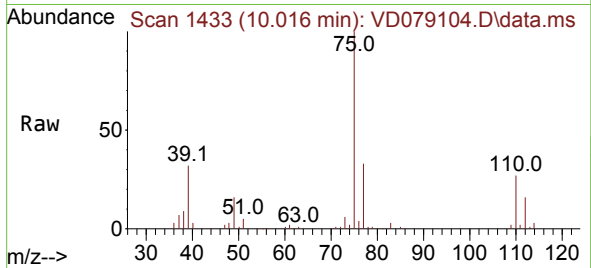




#39
 cis-1,3-Dichloropropene
 Concen: 25.493 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

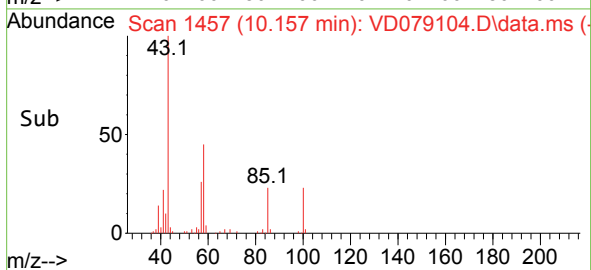
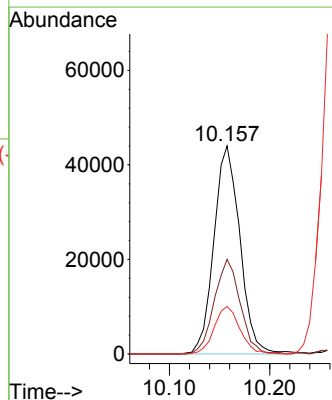
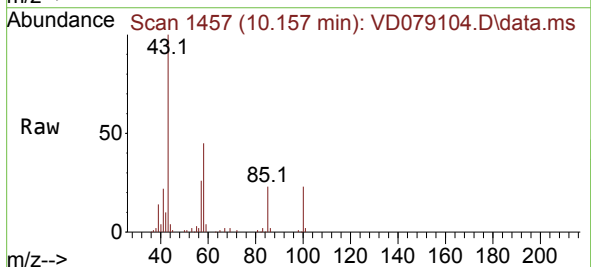
Instrument :
 MSVOA_D
 ClientSampleId :

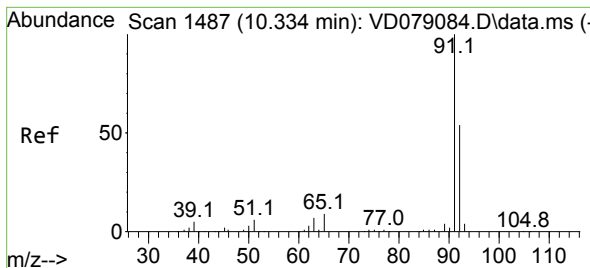
Tgt Ion: 75 Resp: 127367
 Ion Ratio Lower Upper
 75 100
 77 32.8 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 59.087 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Tgt Ion: 43 Resp: 78942
 Ion Ratio Lower Upper
 43 100
 58 45.2 34.0 51.0
 100 22.7 16.9 25.3





#42

Toluene

Concen: 26.543 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

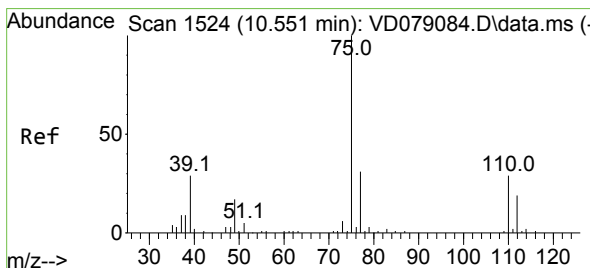
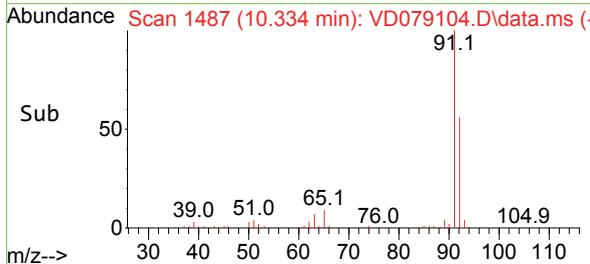
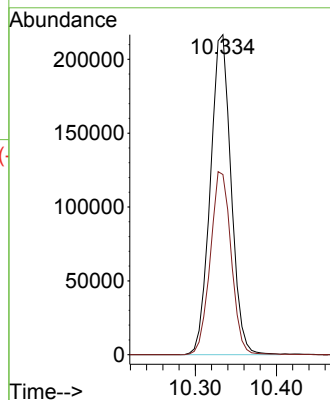
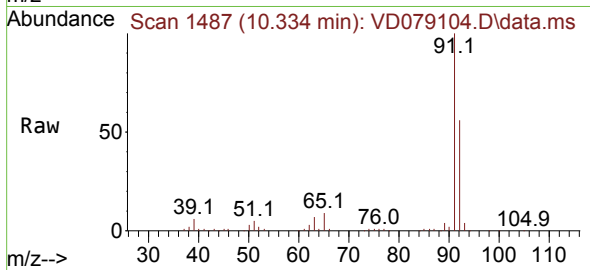
ClientSampleId :

Tgt Ion: 91 Resp: 385113

Ion Ratio Lower Upper

91 100

92 56.3 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 26.646 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079104.D

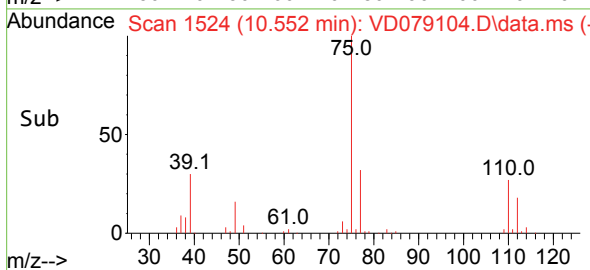
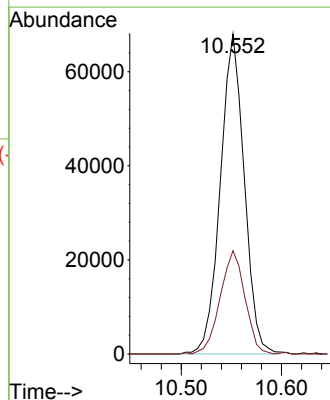
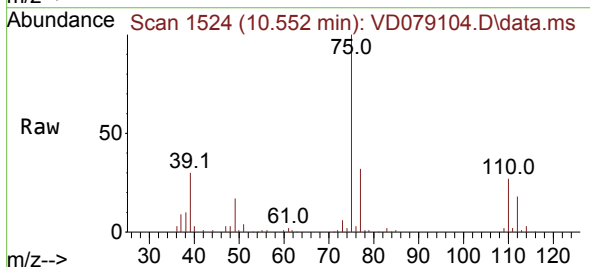
Acq: 30 May 2024 18:51

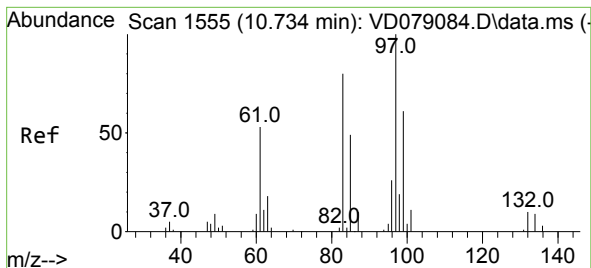
Tgt Ion: 75 Resp: 112576

Ion Ratio Lower Upper

75 100

77 32.2 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 26.536 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 74506

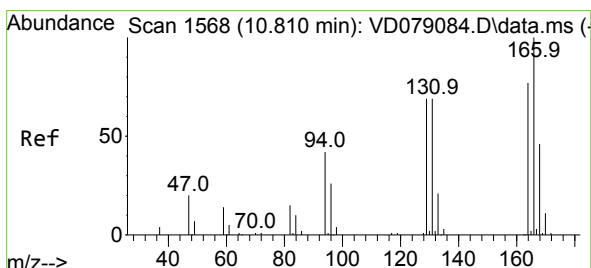
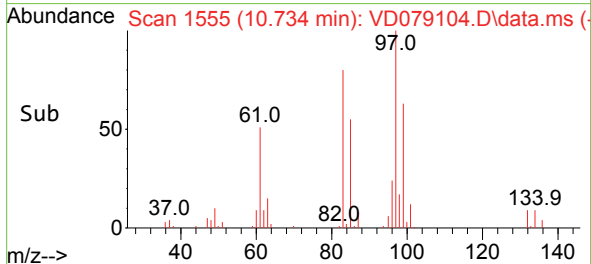
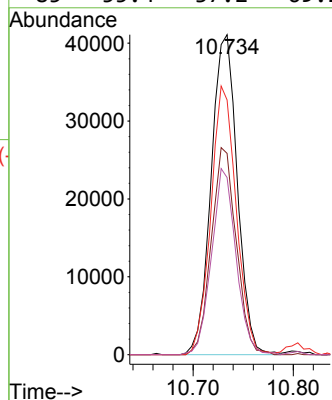
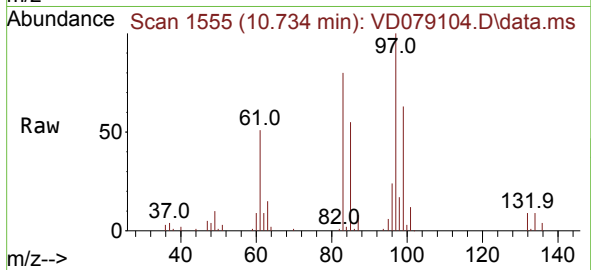
Ion Ratio Lower Upper

97 100

99 62.9 43.0 79.8

83 79.6 58.9 109.5

85 55.4 37.2 69.2



#46

Tetrachloroethene

Concen: 23.288 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Tgt Ion:164 Resp: 69006

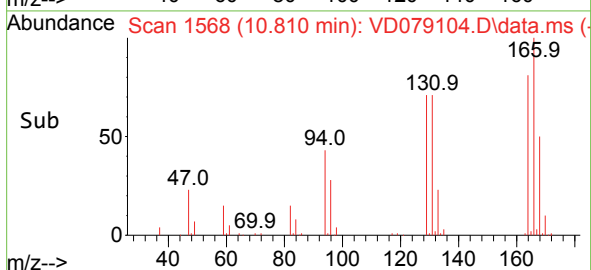
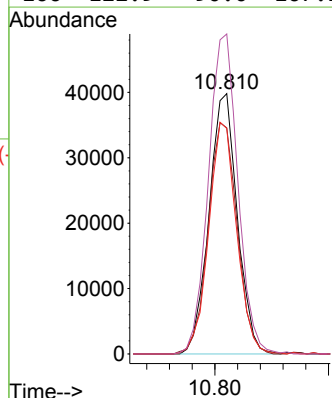
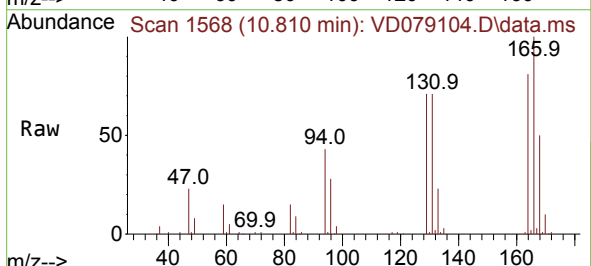
Ion Ratio Lower Upper

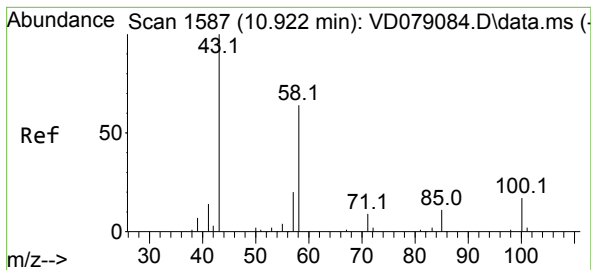
164 100

129 86.8 64.3 119.5

131 86.7 61.2 113.8

166 122.9 90.0 167.2





#48

2-Hexanone

Concen: 52.847 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

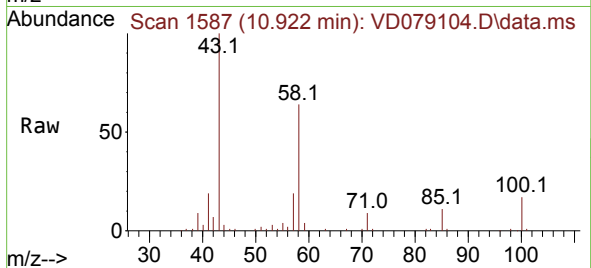
Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 61095

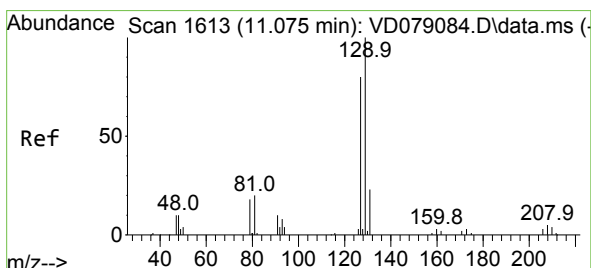
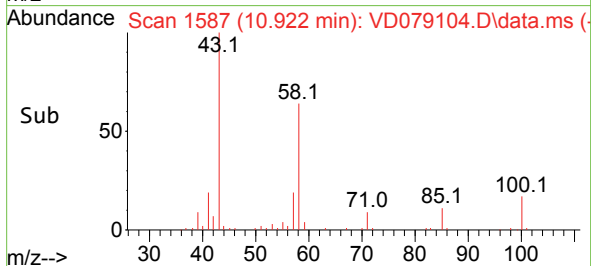
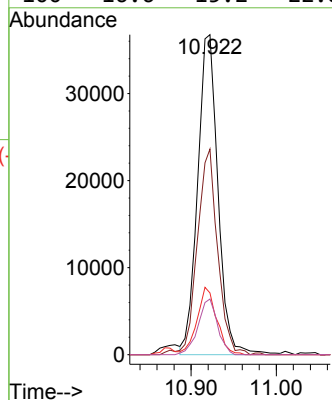
Ion Ratio Lower Upper

43 100

58 62.8 50.1 75.1

57 20.2 16.5 24.7

100 16.6 15.2 22.8



#49

Dibromochloromethane

Concen: 24.887 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079104.D

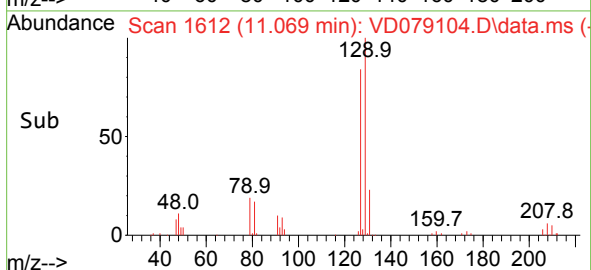
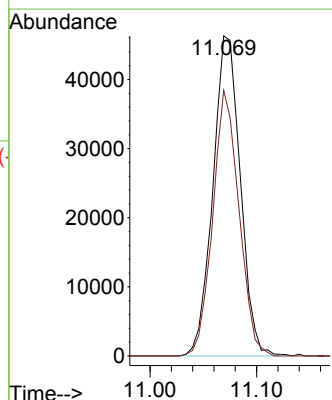
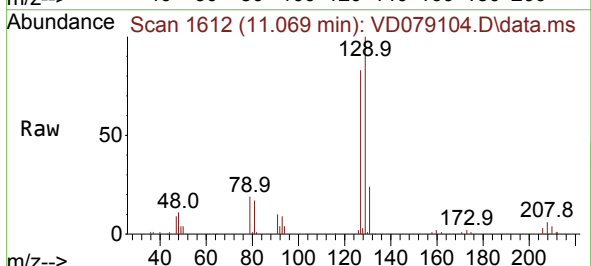
Acq: 30 May 2024 18:51

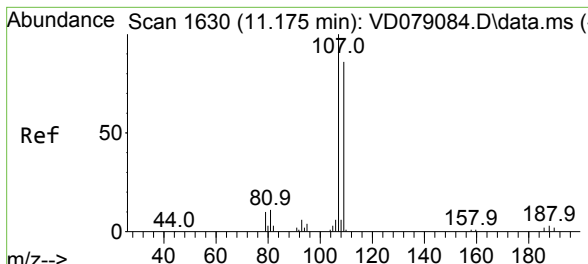
Tgt Ion: 129 Resp: 82747

Ion Ratio Lower Upper

129 100

127 83.0 56.4 104.7



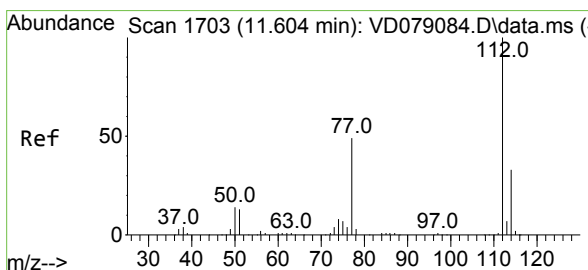
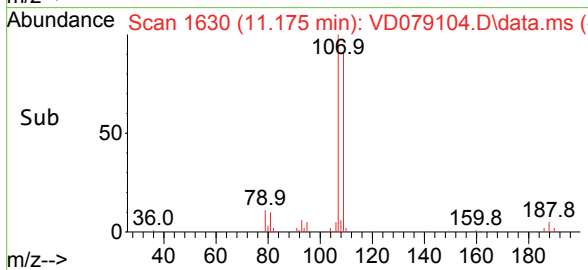
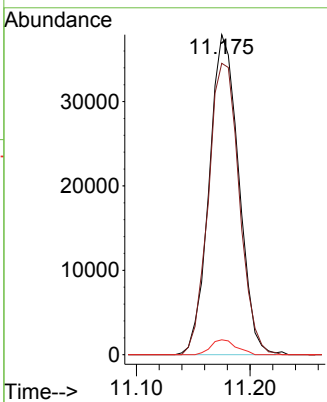
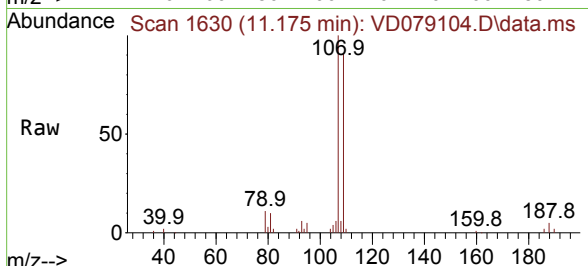


#50
 1,2-Dibromoethane
 Concen: 26.556 ug/L
 RT: 11.175 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:107 Resp: 68526

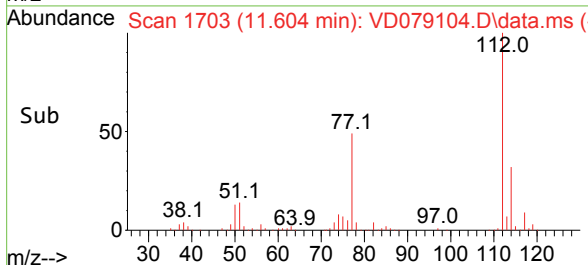
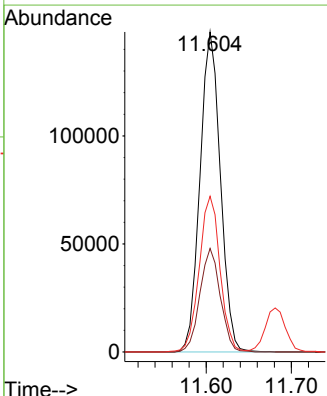
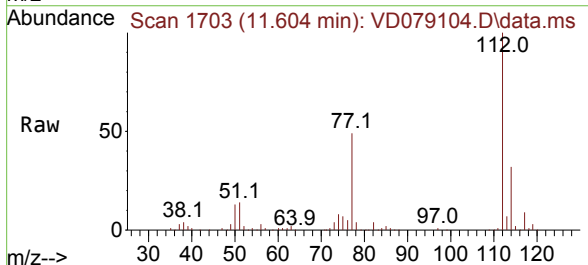
Ion	Ratio	Lower	Upper
107	100		
109	91.0	64.5	119.7
188	4.6	2.6	3.8#

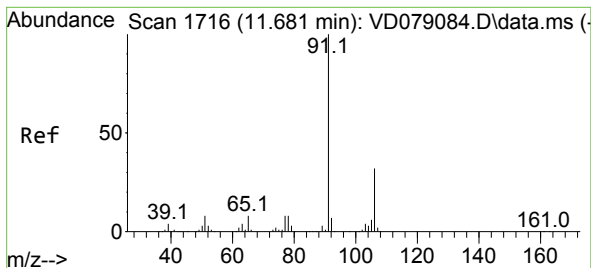


#51
 Chlorobenzene
 Concen: 25.520 ug/L
 RT: 11.604 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Tgt Ion:112 Resp: 246369

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.3
77	48.6	38.4	57.6





#52

Ethylbenzene

Concen: 26.193 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

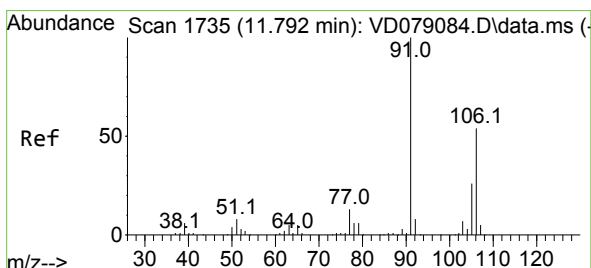
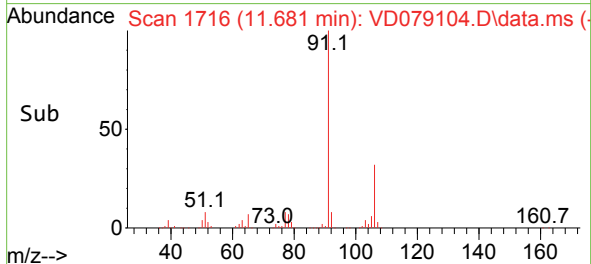
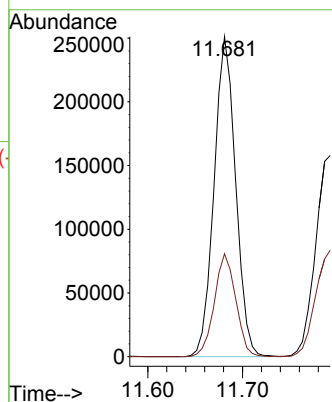
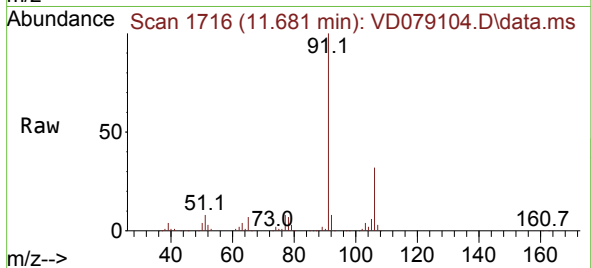
ClientSampleId :

Tgt Ion: 91 Resp: 396414

Ion Ratio Lower Upper

91 100

106 32.1 22.3 41.5



#53

m,p-Xylene

Concen: 26.424 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079104.D

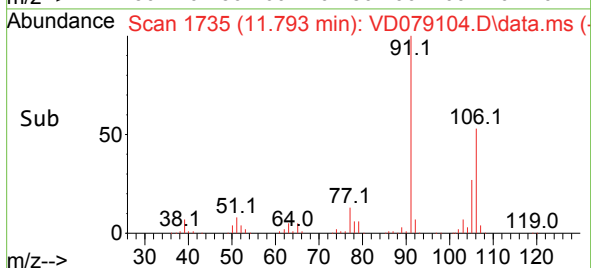
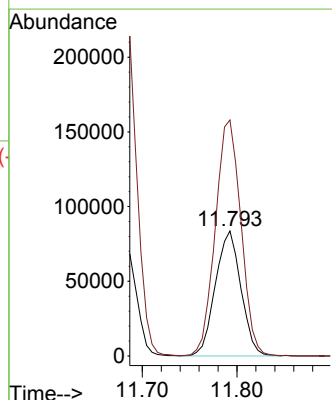
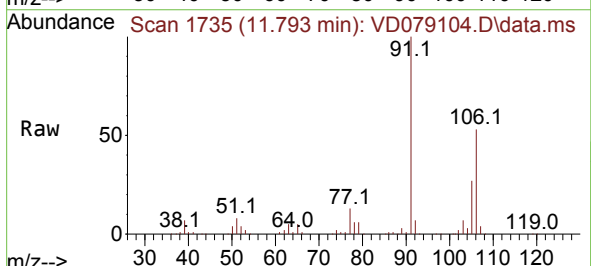
Acq: 30 May 2024 18:51

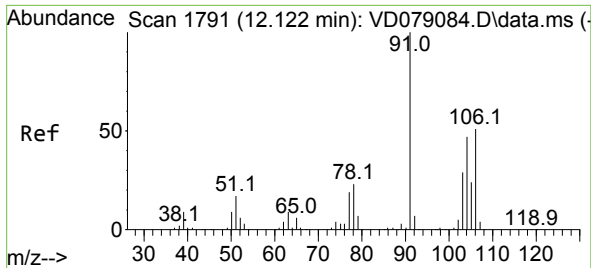
Tgt Ion:106 Resp: 156899

Ion Ratio Lower Upper

106 100

91 188.8 133.1 247.1

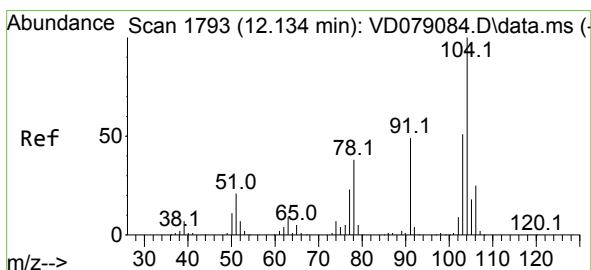
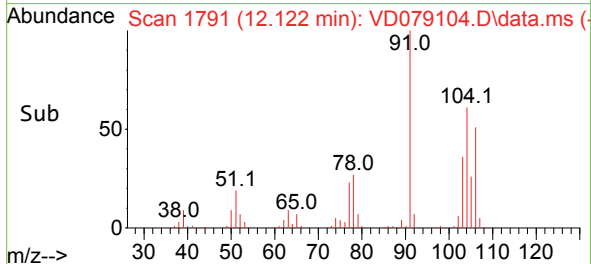
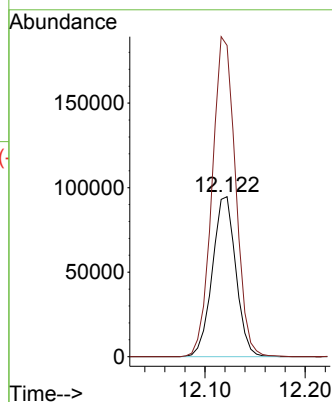
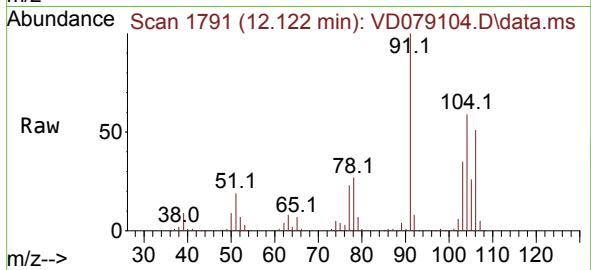




#54
o-Xylene
Concen: 26.854 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

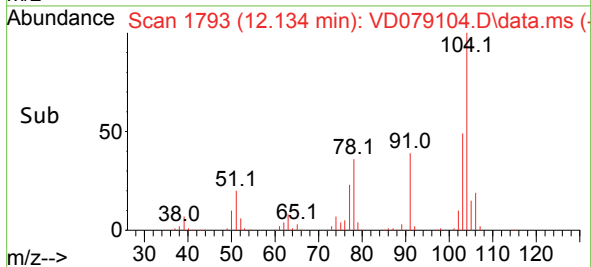
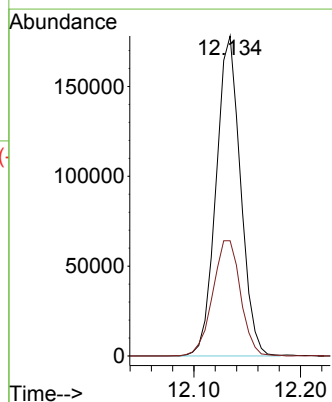
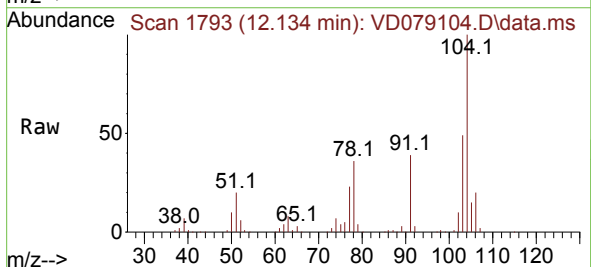
Instrument :
MSVOA_D
ClientSampleId :

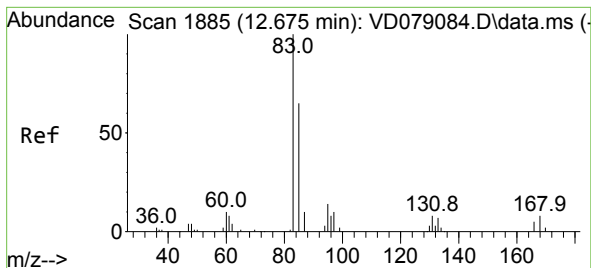
Tgt Ion:106 Resp: 154056
Ion Ratio Lower Upper
106 100
91 194.4 132.9 246.9



#55
Styrene
Concen: 27.843 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Tgt Ion:104 Resp: 283219
Ion Ratio Lower Upper
104 100
78 36.0 27.8 51.6

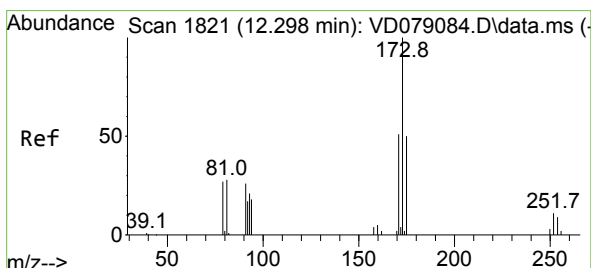
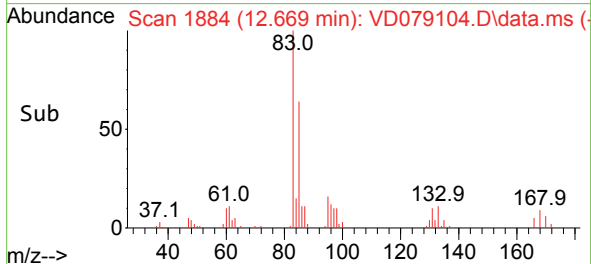
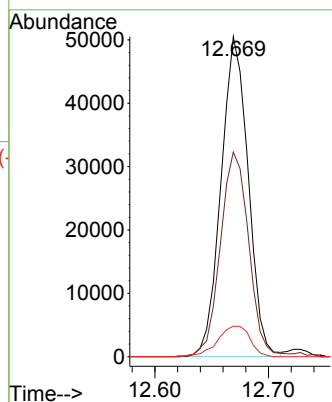
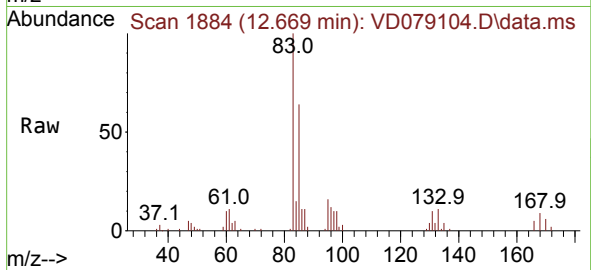




#57
1,1,2,2-Tetrachloroethane
Concen: 26.703 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

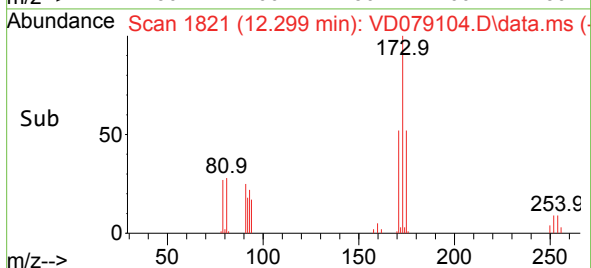
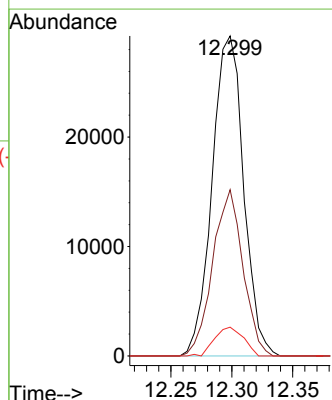
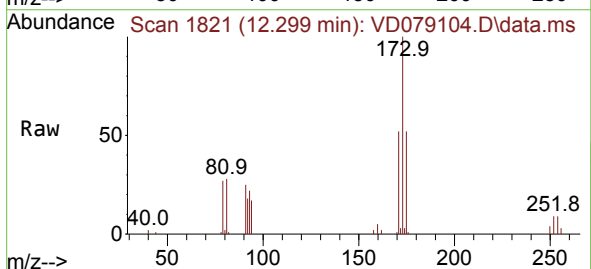
Instrument :
MSVOA_D
ClientSampleId :

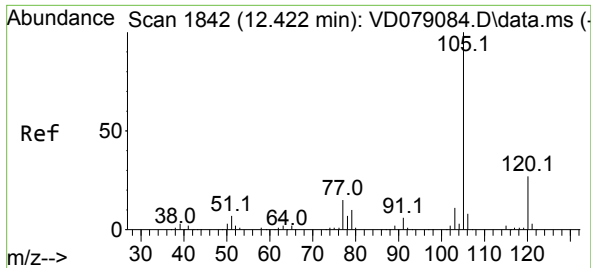
Tgt Ion: 83 Resp: 83927
Ion Ratio Lower Upper
83 100
85 64.0 47.5 88.1
131 9.5 8.6 13.0



#59
Bromoform
Concen: 25.451 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

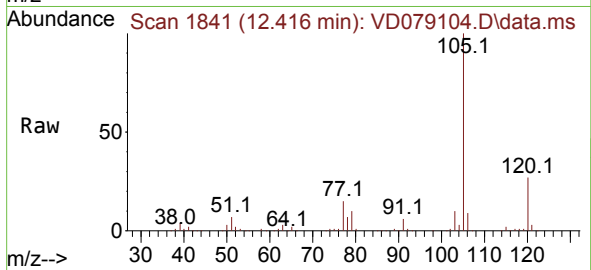
Tgt Ion:173 Resp: 52597
Ion Ratio Lower Upper
173 100
175 49.8 38.2 57.4
254 8.2 7.0 10.6



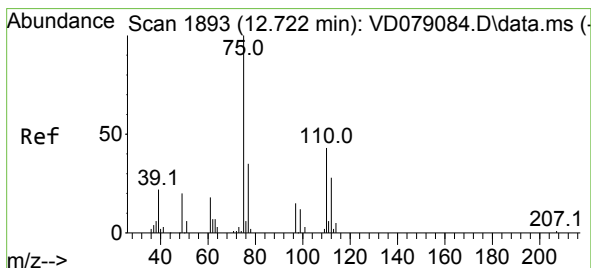
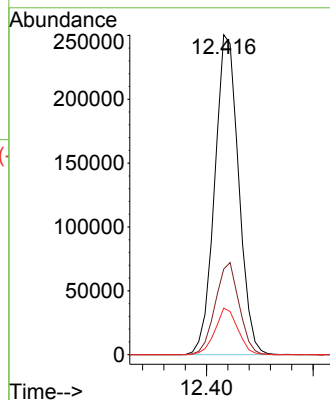
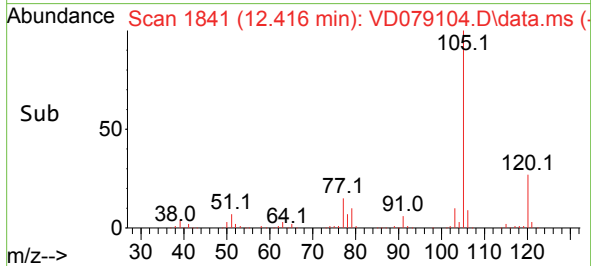


#60
Isopropylbenzene
Concen: 26.194 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

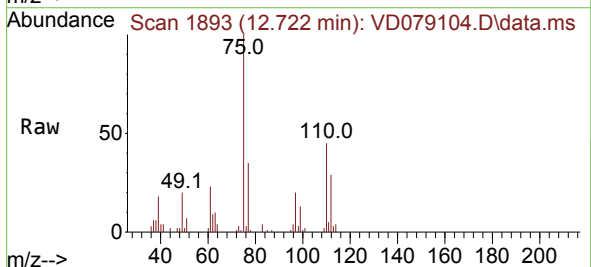
Instrument :
MSVOA_D
ClientSampleId :



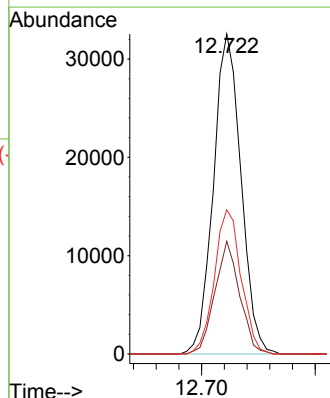
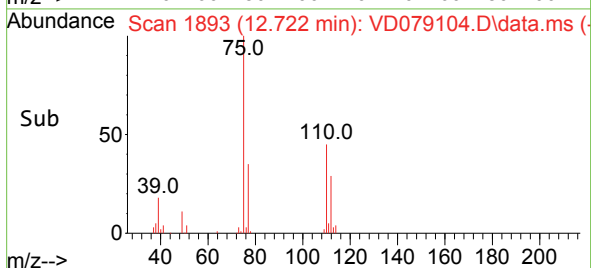
Tgt Ion:105 Resp: 390527
Ion Ratio Lower Upper
105 100
120 28.7 21.9 32.9
77 13.9 10.9 16.3

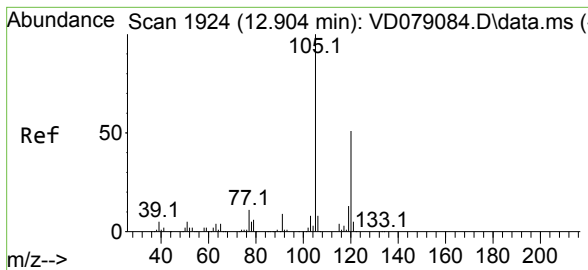


#61
1,2,3-Trichloropropane
Concen: 27.568 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51



Tgt Ion: 75 Resp: 54879
Ion Ratio Lower Upper
75 100
77 31.7 25.9 38.9
110 43.7 34.2 51.4

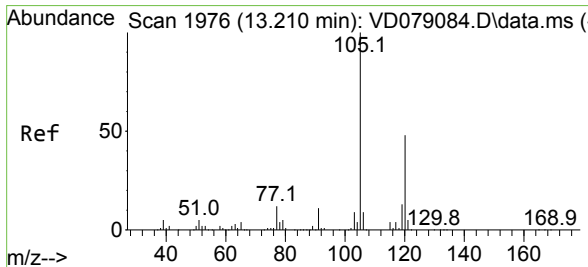
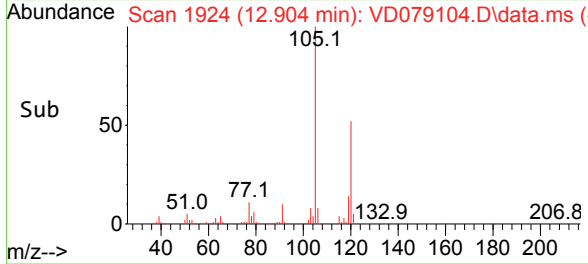
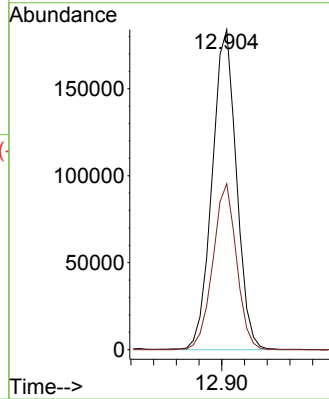
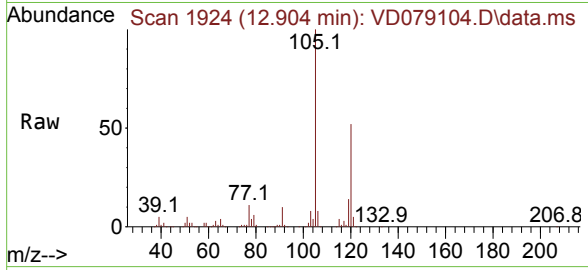




#62
 1,3,5-Trimethylbenzene
 Concen: 26.799 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

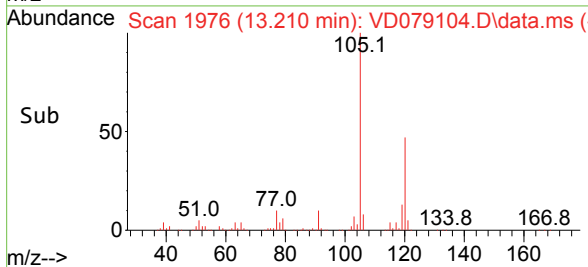
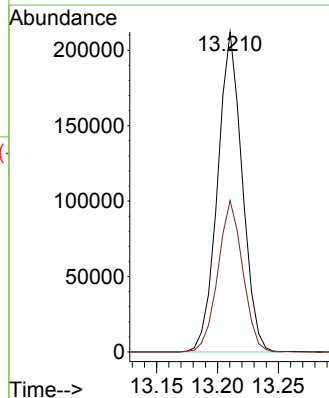
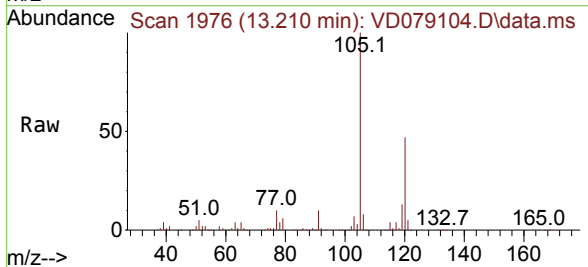
Instrument :
 MSVOA_D
 ClientSampleId :

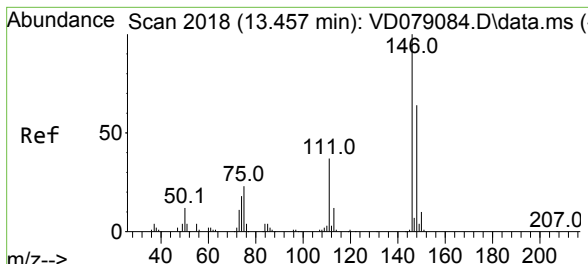
Tgt Ion:105 Resp: 273188
 Ion Ratio Lower Upper
 105 100
 120 50.6 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 27.390 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Tgt Ion:105 Resp: 298641
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.0 57.0

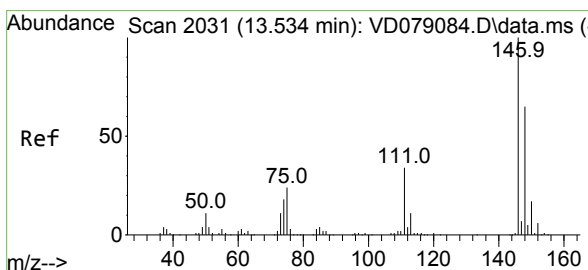
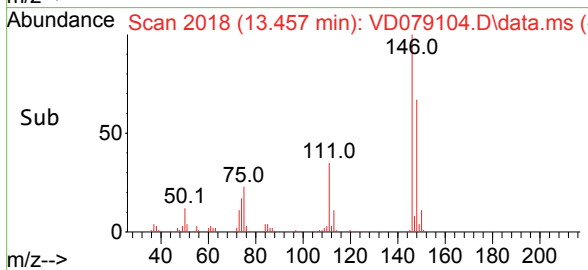
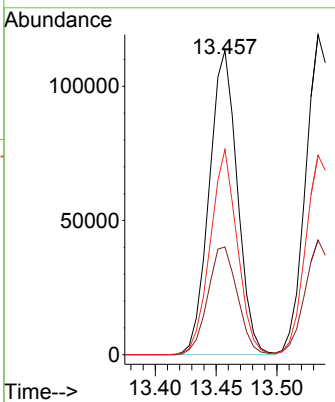
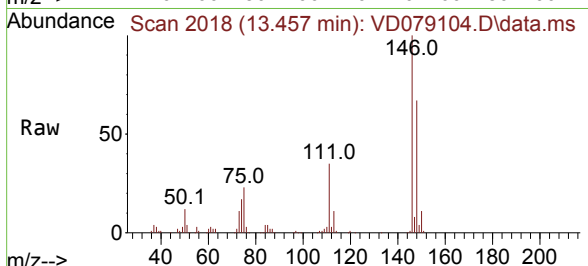




#64
 1,3-Dichlorobenzene
 Concen: 25.460 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

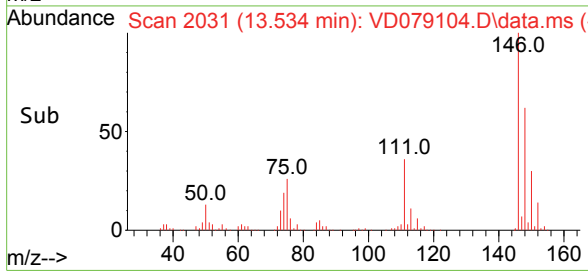
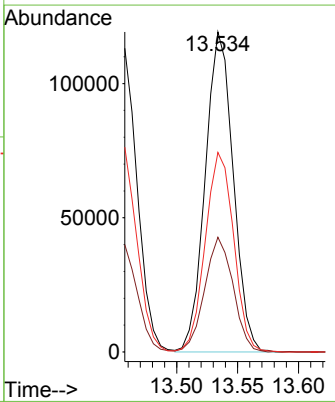
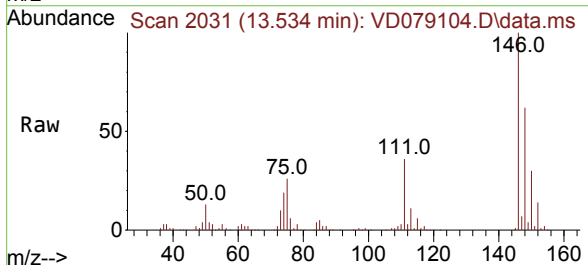
Instrument :
 MSVOA_D
 ClientSampleId :

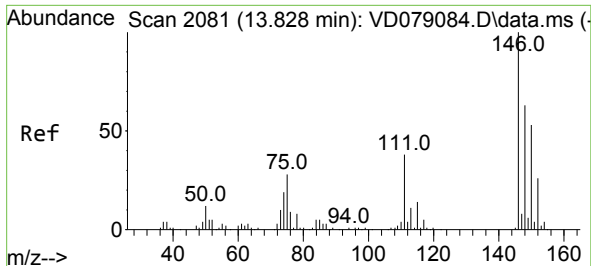
Tgt Ion:	146	Resp:	182351
Ion Ratio	Lower	Upper	
146	100		
111	35.4	24.4	45.4
148	67.5	44.9	83.3



#65
 1,4-Dichlorobenzene
 Concen: 25.131 ug/L
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Tgt Ion:	146	Resp:	190723
Ion Ratio	Lower	Upper	
146	100		
111	35.8	26.3	48.9
148	62.3	43.1	80.1





#67

1,2-Dichlorobenzene

Concen: 25.455 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

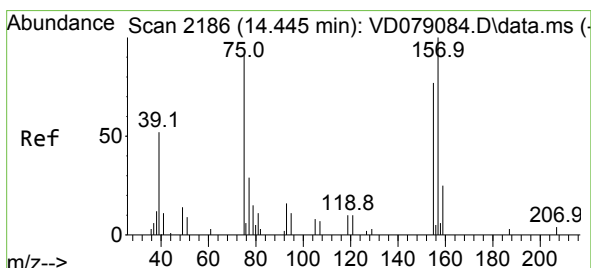
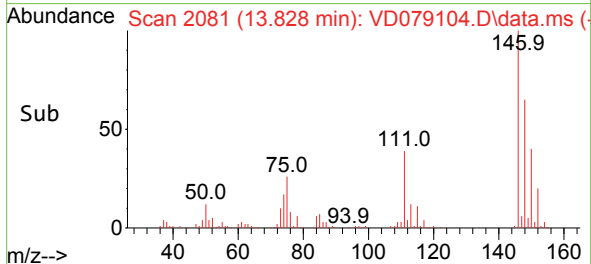
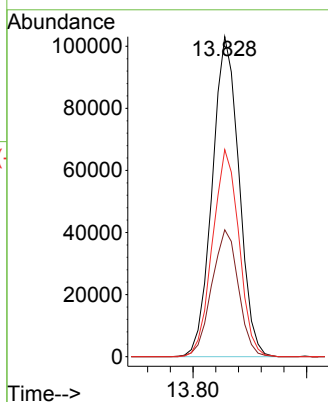
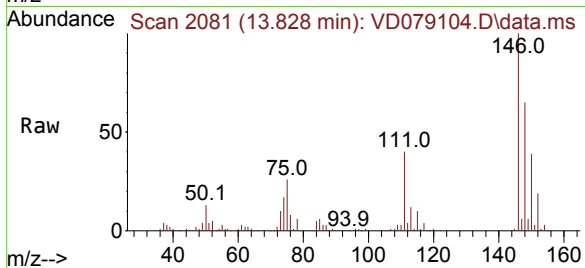
Tgt Ion:146 Resp: 168545

Ion Ratio Lower Upper

146 100

111 39.7 29.1 43.7

148 64.7 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.117 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079104.D

Acq: 30 May 2024 18:51

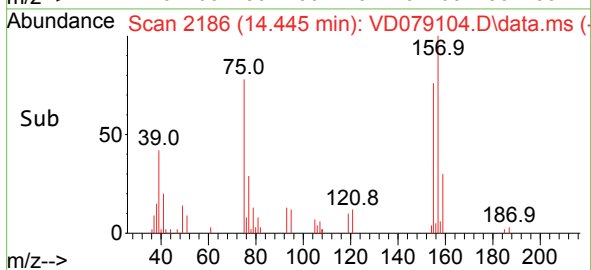
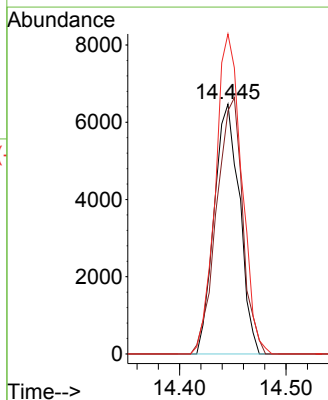
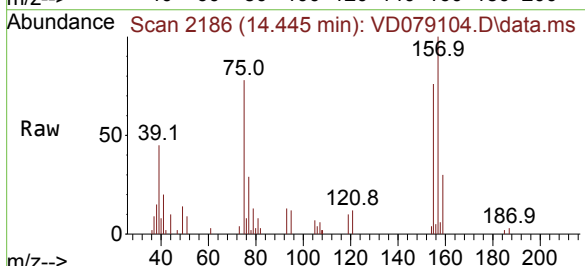
Tgt Ion: 75 Resp: 10688

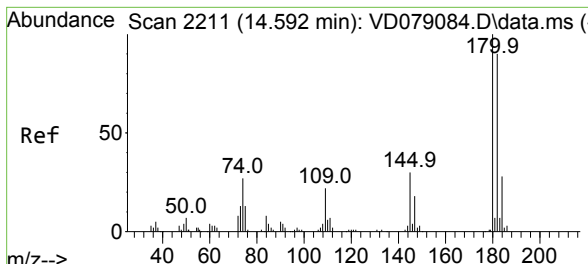
Ion Ratio Lower Upper

75 100

155 97.3 68.1 102.1

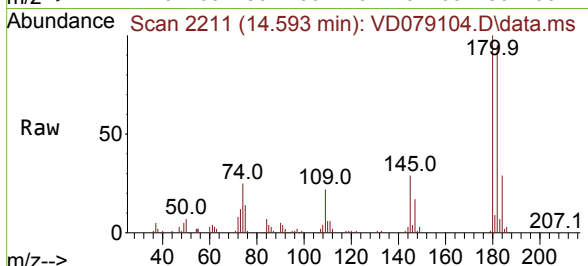
157 128.2 91.6 137.4





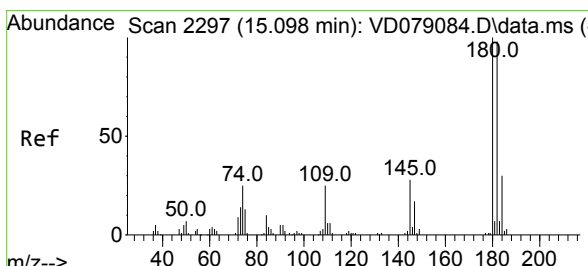
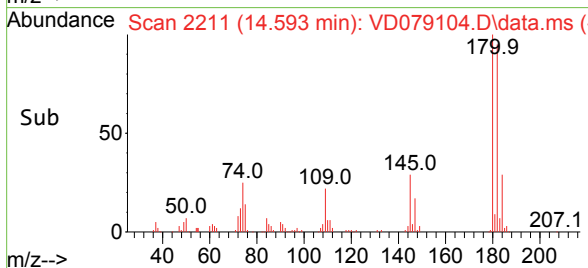
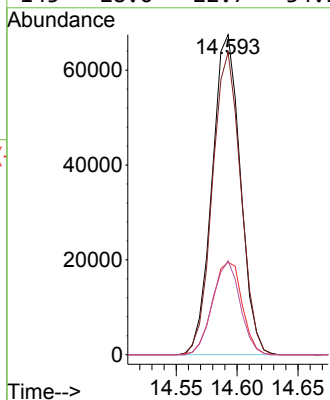
#69
 1,3,5-Trichlorobenzene
 Concen: 24.091 ug/L
 RT: 14.593 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 108827

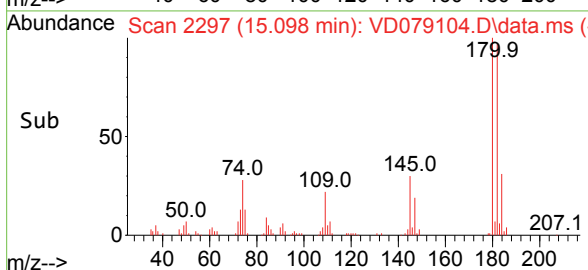
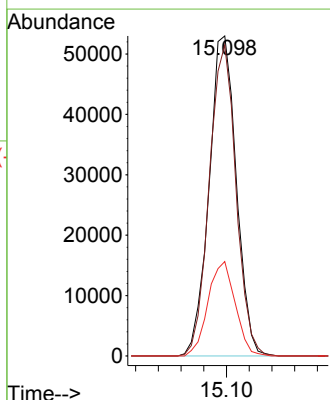
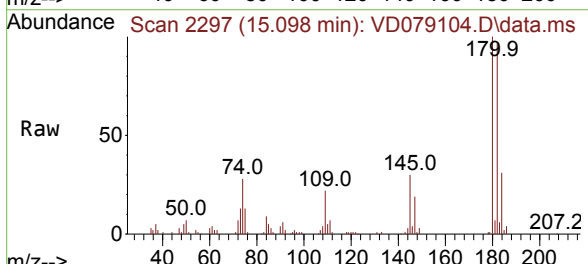
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.9	115.3
184	30.5	23.3	34.9
145	28.6	22.7	34.1

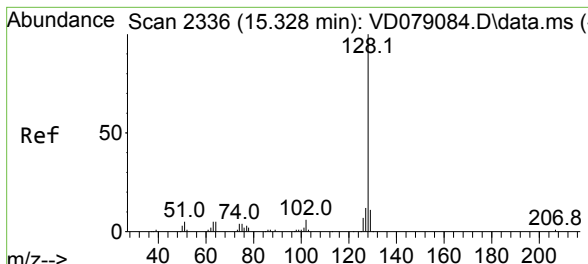


#70
 1,2,4-trichlorobenzene
 Concen: 23.565 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079104.D
 Acq: 30 May 2024 18:51

Tgt Ion:180 Resp: 88410

Ion	Ratio	Lower	Upper
180	100		
182	95.1	73.8	110.6
145	29.4	22.3	33.5

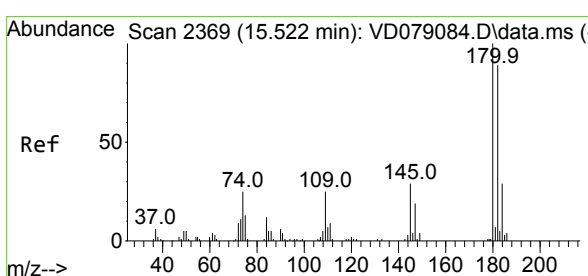
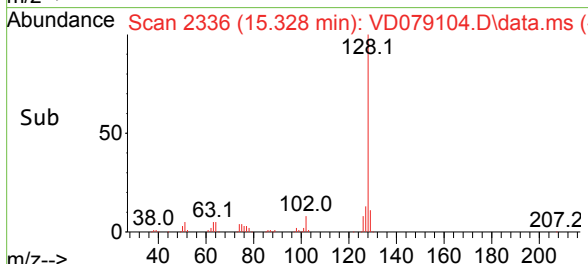
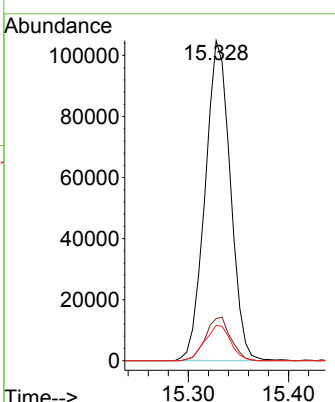
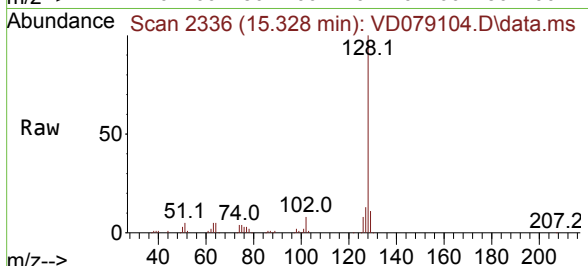




#71
Naphthalene
Concen: 26.082 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	182998
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	11.3	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.431 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079104.D
Acq: 30 May 2024 18:51

Tgt Ion:	180	Resp:	85705
Ion Ratio	Lower	Upper	
180	100		
182	95.4	79.4	119.2
145	30.1	24.7	37.1

