

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061924\
 Data File : VD079205.D
 Acq On : 19 Jun 2024 10:16
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 20 09:00:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 07:16:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	213874	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	211000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	112248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	129681	19.704	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
7) Chloroethane-d5	2.799	69	117916	18.529	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
11) 1,1-Dichloroethene-d2	3.916	65	27262	23.333	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.320%
21) 2-Butanone-d5	7.063	46	250	0.497	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.000%#
24) Chloroform-d	7.569	84	122457	20.478	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.920%
26) 1,2-Dichloroethane-d4	8.228	65	64891	23.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.199	84	268728	22.974	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.880%
36) 1,2-Dichloropropane-d6	9.204	67	76360	22.663	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.640%
41) Toluene-d8	10.269	98	255561	23.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	10.522	79	33983	23.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.000%
47) 2-Hexanone-d5	10.875	63	26577	61.014	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.020%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	80014	26.810	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.240%
66) 1,2-Dichlorobenzene-d4	13.810	152	90795	23.438	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	72317	21.360	ug/L	98
3) Chloromethane	2.152	50	135109	29.941	ug/L	98
5) Vinyl chloride	2.281	62	171180	22.984	ug/L	93
6) Bromomethane	2.693	94	97232	16.910	ug/L	88
8) Chloroethane	2.840	64	115202	21.104	ug/L	92
9) Trichlorofluoromethane	3.169	101	153784	27.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	88002	25.866	ug/L	96
12) 1,1-Dichloroethene	3.940	96	78703	26.571	ug/L	92
13) Acetone	4.016	43	48876	67.064	ug/L	99
14) Carbon disulfide	4.269	76	239637	23.192	ug/L	97
15) Methyl Acetate	4.564	43	27935	28.132	ug/L	94
16) Methylene chloride	4.799	84	89146	23.392	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	78246	24.445	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	156075	27.492	ug/L	99
19) 1,1-Dichloroethane	6.116	63	124643	24.186	ug/L	94
20) cis-1,2-Dichloroethene	7.081	96	84543	25.365	ug/L	97
22) 2-Butanone	7.087	43	45139	58.959	ug/L	97
23) Bromochloromethane	7.422	128	43133	25.525	ug/L	94
25) Chloroform	7.593	83	153955	26.312	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061924\
 Data File : VD079205.D
 Acq On : 19 Jun 2024 10:16
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

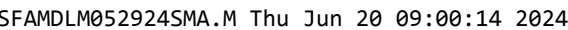
Instrument :
 MSVOA_D
 ClientSampleId :

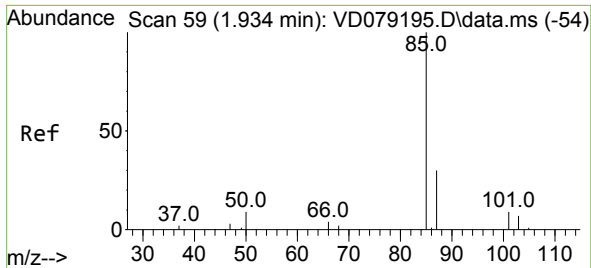
Quant Time: Jun 20 09:00:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 07:16:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	85730	25.240	ug/L #	93
29) Cyclohexane	7.875	56	91203	23.957	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	120781	24.178	ug/L	99
31) Carbon tetrachloride	7.987	117	110860	23.881	ug/L	99
33) Benzene	8.252	78	319649	25.435	ug/L	100
34) Trichloroethene	9.028	95	80644	24.915	ug/L	94
35) Methylcyclohexane	9.275	83	127211	23.719	ug/L	99
37) 1,2-Dichloropropane	9.299	63	78018	25.345	ug/L	100
38) Bromodichloromethane	9.581	83	105117	24.565	ug/L #	99
39) cis-1,3-Dichloropropene	10.010	75	123198	25.638	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	79041	61.511	ug/L	94
42) Toluene	10.334	91	357630	25.628	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	107802	26.530	ug/L	93
45) 1,1,2-Trichloroethane	10.734	97	70294	26.030	ug/L	97
46) Tetrachloroethene	10.804	164	70508	24.739	ug/L	96
48) 2-Hexanone	10.922	43	69054	62.103	ug/L	98
49) Dibromochloromethane	11.069	129	81996	25.640	ug/L	100
50) 1,2-Dibromoethane	11.175	107	67434	27.171	ug/L	95
51) Chlorobenzene	11.604	112	232537	25.044	ug/L	99
52) Ethylbenzene	11.681	91	368907	25.344	ug/L	100
53) m,p-Xylene	11.793	106	147223	25.779	ug/L	100
54) o-Xylene	12.116	106	140754	25.510	ug/L	89
55) Styrene	12.134	104	264986	27.085	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	85442	28.265	ug/L	95
59) Bromoform	12.298	173	53474	25.993	ug/L	98
60) Isopropylbenzene	12.416	105	364984	24.591	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	54841	27.673	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	247549	24.394	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	273241	25.174	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	174628	24.491	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	186887	24.737	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	166491	25.259	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11243	27.598	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	110310	24.530	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	92842	24.858	ug/L	100
71) Naphthalene	15.328	128	195343	27.967	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	88249	27.339	ug/L	96

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

Quant Time: Jun 20 09:00:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 07:16:52 2024
Response via : Initial Calibration

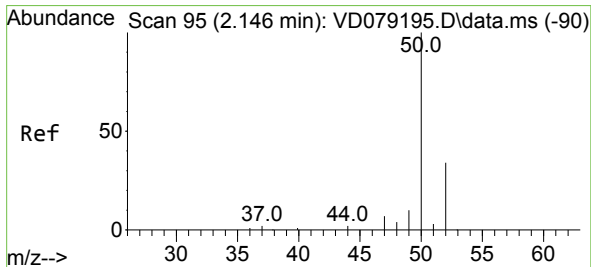
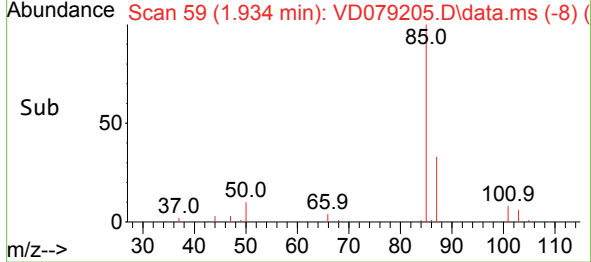
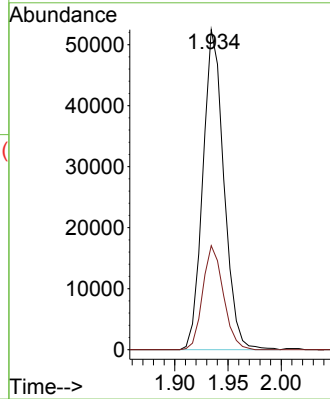
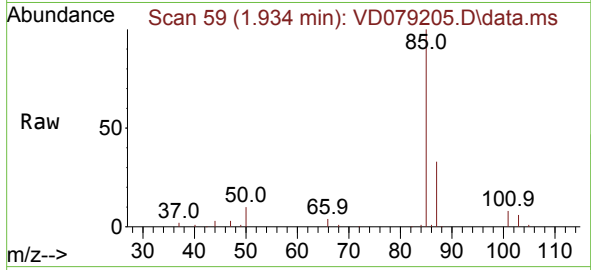




#2
Dichlorodifluoromethane
Concen: 21.360 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

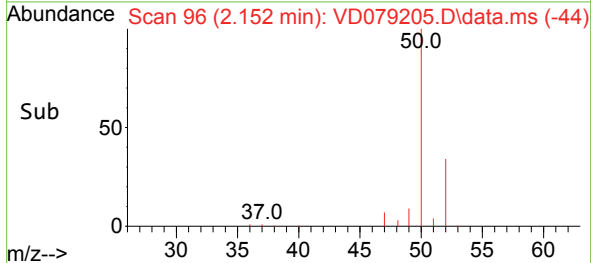
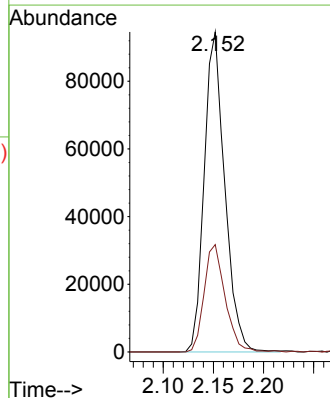
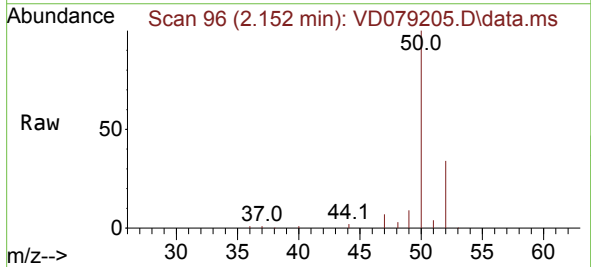
Instrument :
MSVOA_D
ClientSampleId :

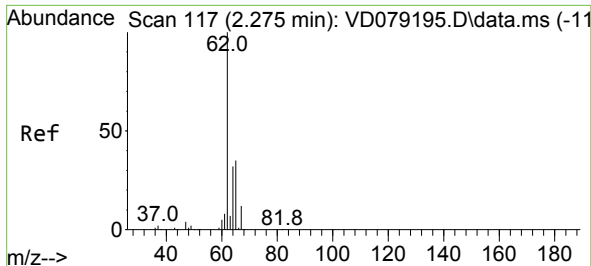
Tgt Ion: 85 Resp: 72317
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.4



#3
Chloromethane
Concen: 29.941 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion: 50 Resp: 135109
Ion Ratio Lower Upper
50 100
52 33.5 24.4 45.2

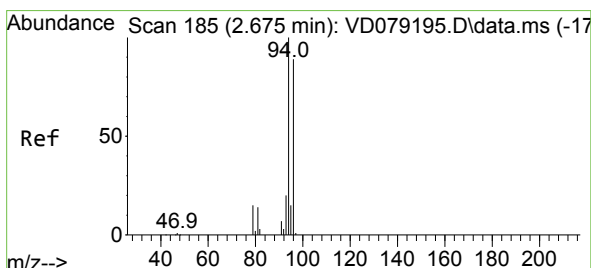
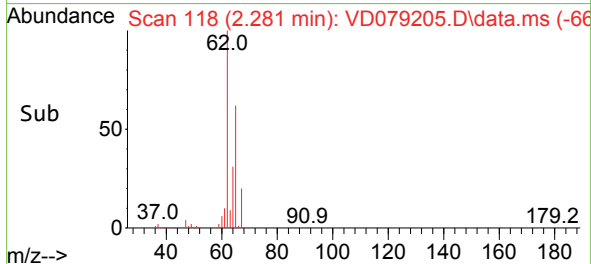
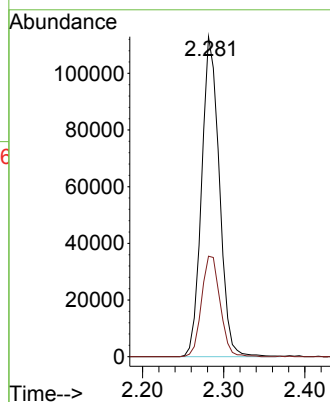
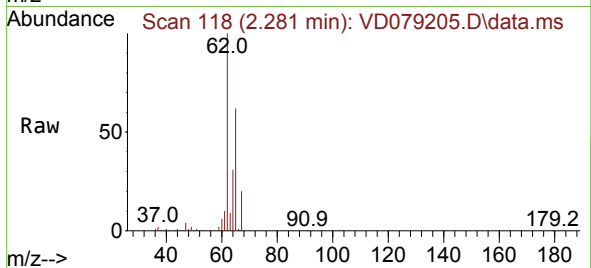




#5
 Vinyl chloride
 Concen: 22.984 ug/L
 RT: 2.281 min Scan# 117
 Delta R.T. 0.006 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

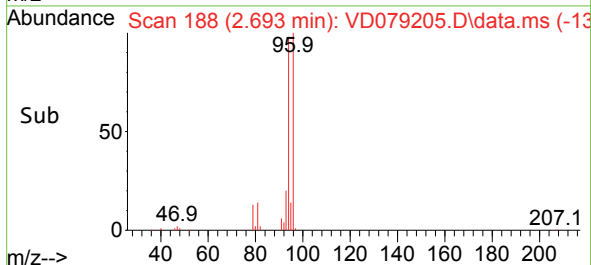
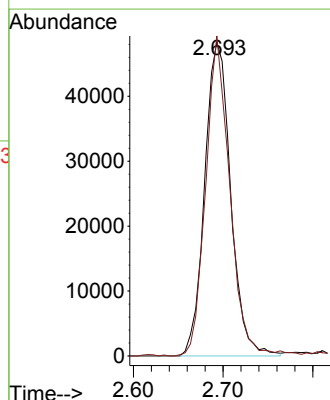
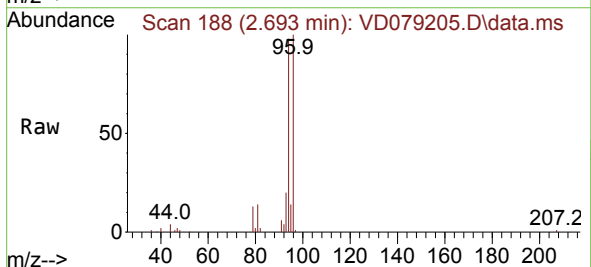
Instrument :
 MSVOA_D
 ClientSampleId :

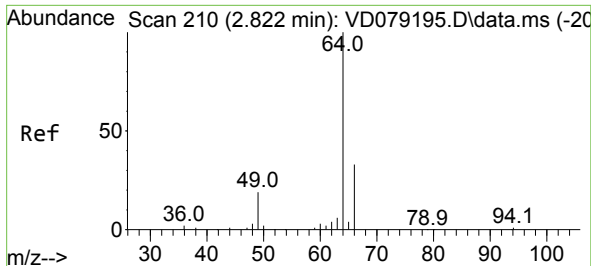
Tgt Ion: 62 Resp: 171180
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.8 46.1



#6
 Bromomethane
 Concen: 16.910 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.018 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

Tgt Ion: 94 Resp: 97232
 Ion Ratio Lower Upper
 94 100
 96 102.0 63.6 118.2

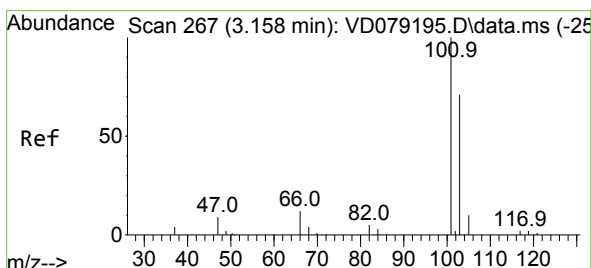
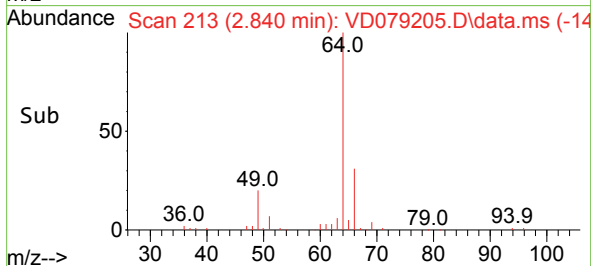
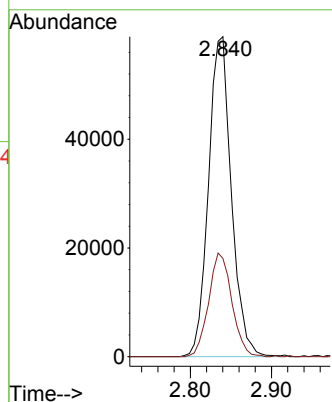
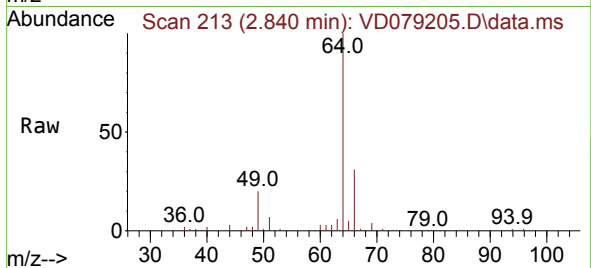




#8
Chloroethane
Concen: 21.104 ug/L
RT: 2.840 min Scan# 210
Delta R.T. 0.018 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

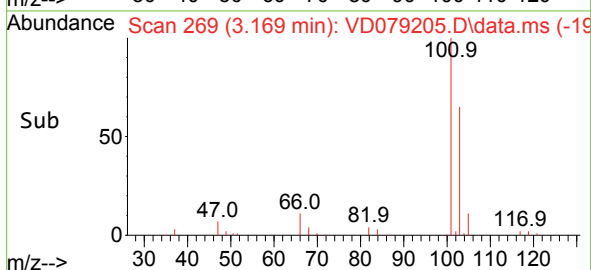
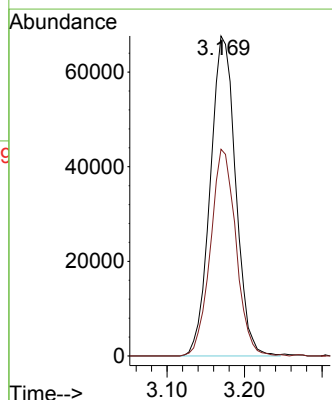
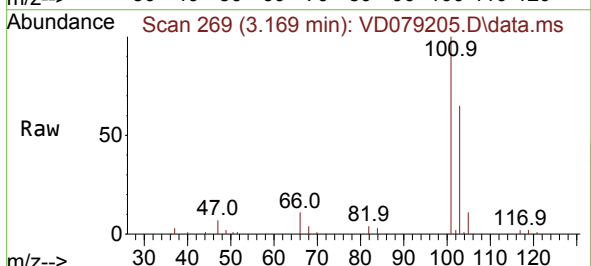
Instrument :
MSVOA_D
ClientSampleId :

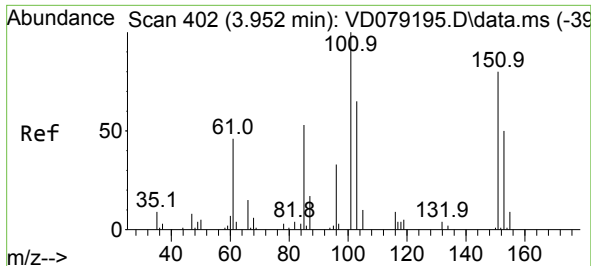
Tgt Ion: 64 Resp: 115202
Ion Ratio Lower Upper
64 100
66 30.7 24.8 46.1



#9
Trichlorofluoromethane
Concen: 27.105 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.012 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion:101 Resp: 153784
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0

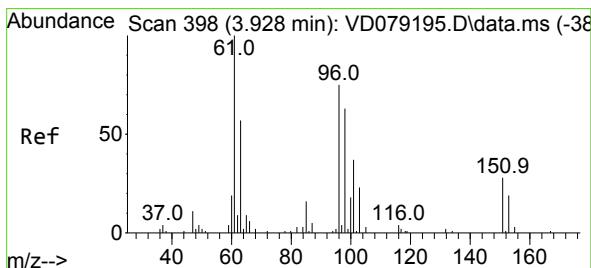
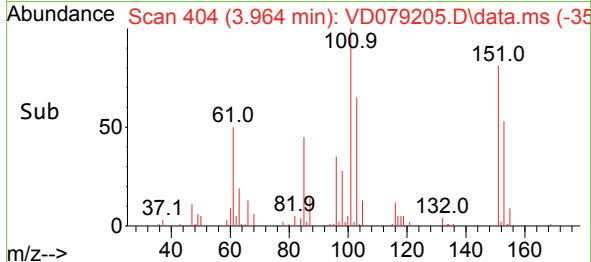
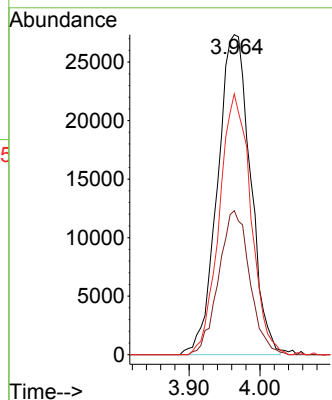
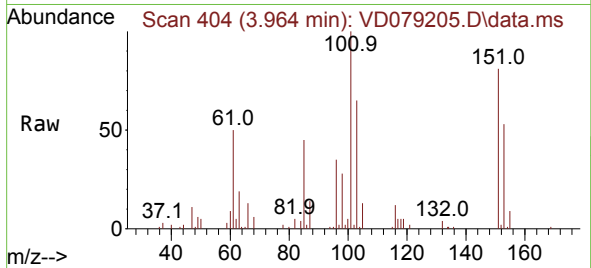




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.866 ug/L
RT: 3.964 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

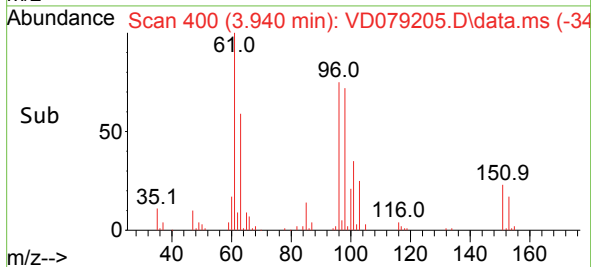
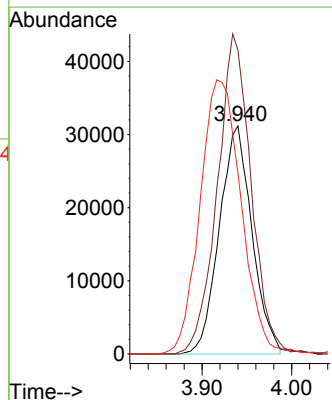
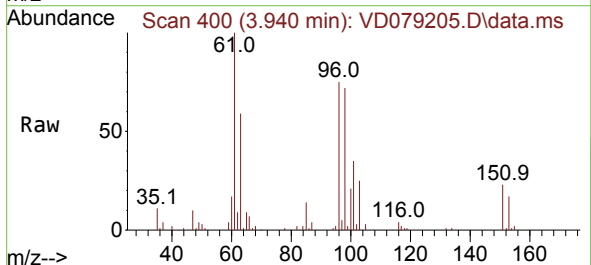
Instrument :
MSVOA_D
ClientSampleId :

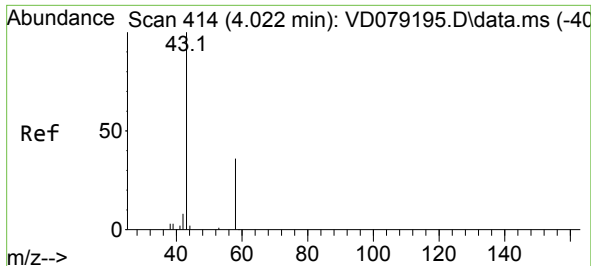
Tgt Ion:101 Resp: 88002
Ion Ratio Lower Upper
101 100
85 42.5 35.4 53.0
151 77.8 59.1 88.7



#12
1,1-Dichloroethene
Concen: 26.571 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion: 96 Resp: 78703
Ion Ratio Lower Upper
96 100
61 133.3 93.9 174.3
63 79.3 67.7 125.7





#13

Acetone

Concen: 67.064 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

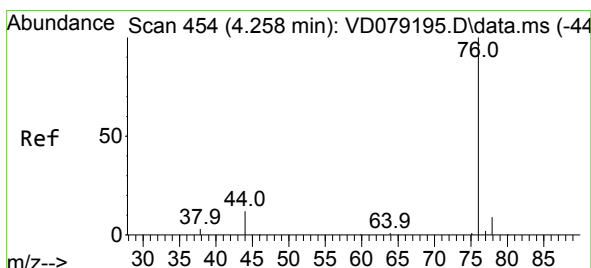
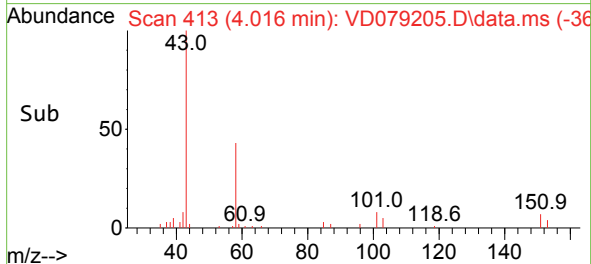
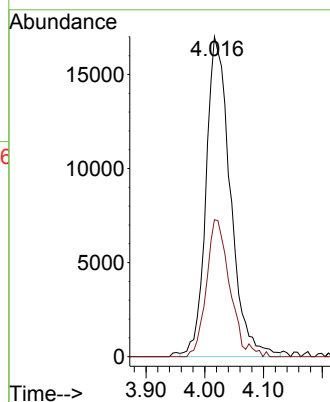
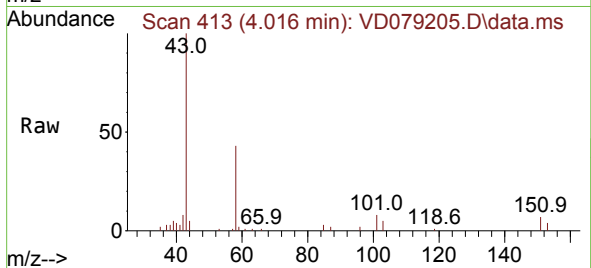
ClientSampleId :

Tgt Ion: 43 Resp: 48876

Ion Ratio Lower Upper

43 100

58 39.9 0.0 78.2



#14

Carbon disulfide

Concen: 23.192 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.012 min

Lab File: VD079205.D

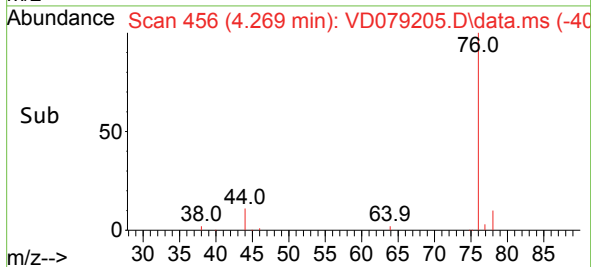
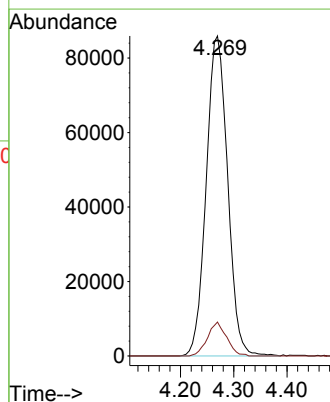
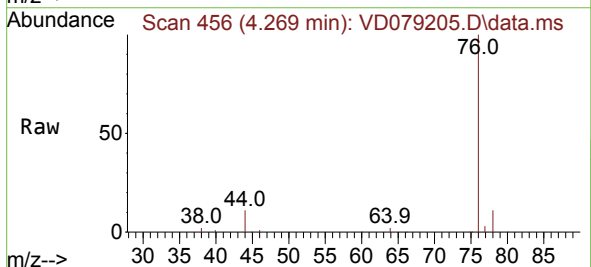
Acq: 19 Jun 2024 10:16

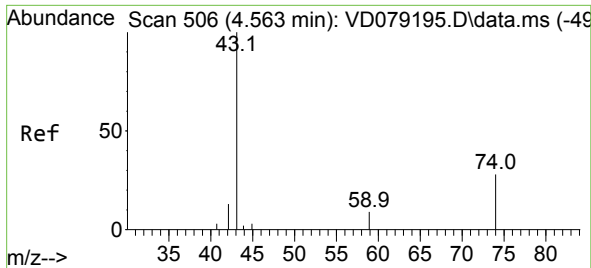
Tgt Ion: 76 Resp: 239637

Ion Ratio Lower Upper

76 100

78 10.6 7.5 11.3

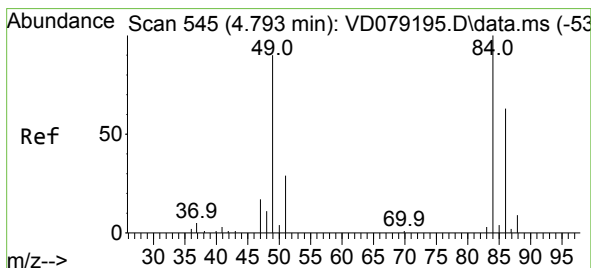
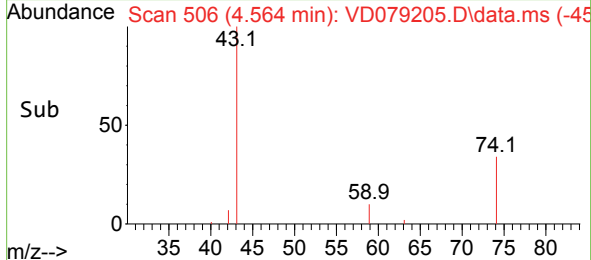
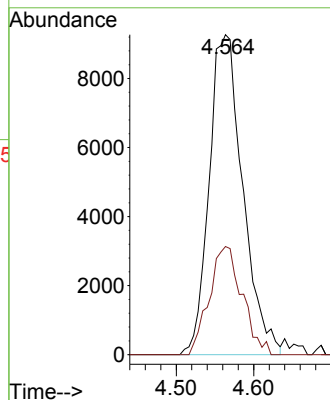
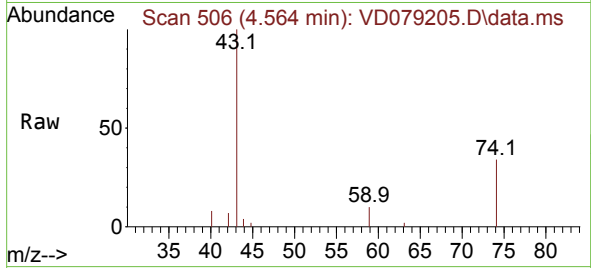




#15
Methyl Acetate
Concen: 28.132 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

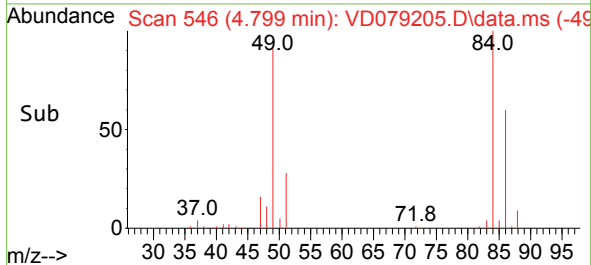
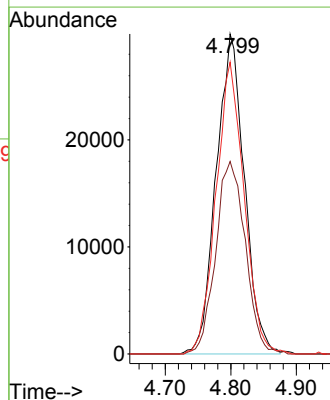
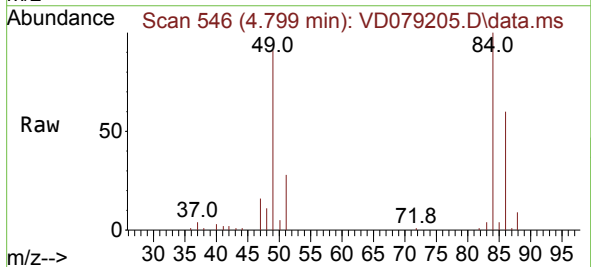
Instrument :
MSVOA_D
ClientSampleId :

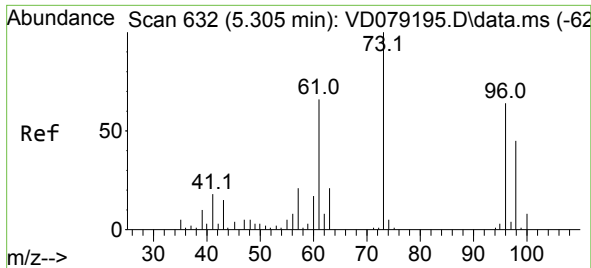
Tgt Ion: 43 Resp: 27935
Ion Ratio Lower Upper
43 100
74 33.1 23.8 35.6



#16
Methylene chloride
Concen: 23.392 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

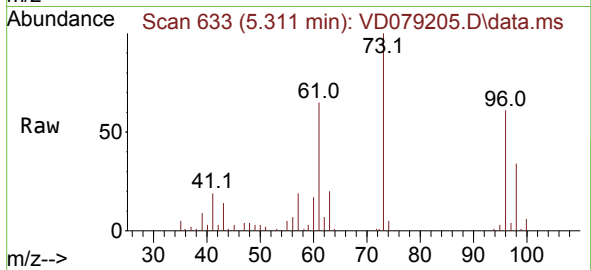
Tgt Ion: 84 Resp: 89146
Ion Ratio Lower Upper
84 100
86 60.1 40.9 76.0
49 91.2 67.5 125.3



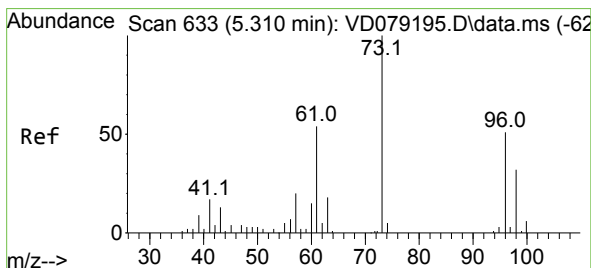
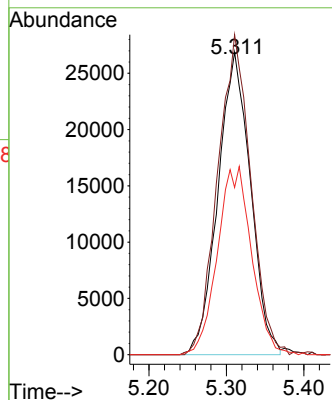
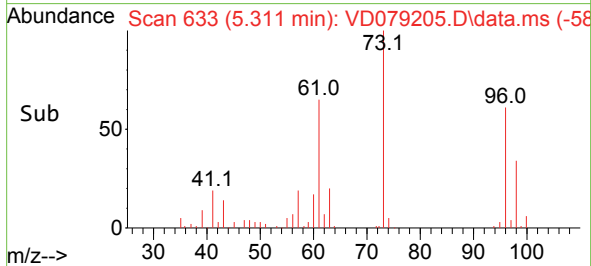


#17
trans-1,2-Dichloroethene
Concen: 24.445 ug/L
RT: 5.311 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Instrument :
MSVOA_D
ClientSampleId :

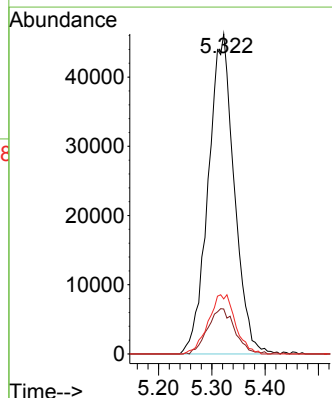
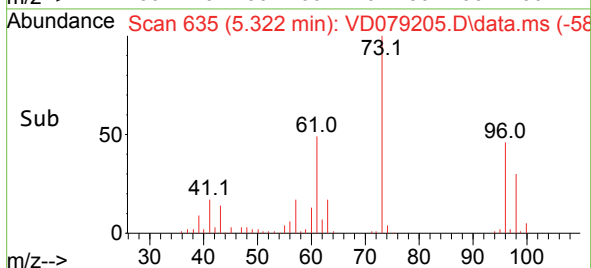
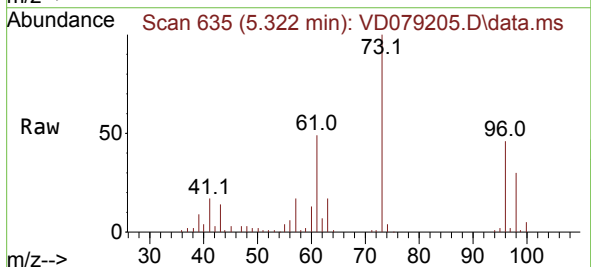


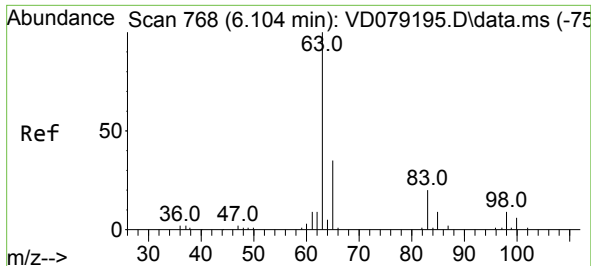
Tgt Ion: 96 Resp: 78246
Ion Ratio Lower Upper
96 100
61 105.7 71.9 133.5
98 55.2 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 27.492 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.012 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion: 73 Resp: 156075
Ion Ratio Lower Upper
73 100
43 14.8 12.0 18.0
57 11.7 9.6 14.4





#19

1,1-Dichloroethane

Concen: 24.186 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.012 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

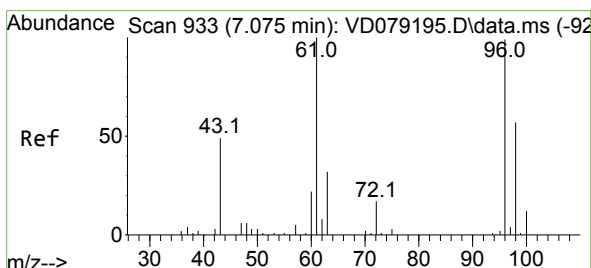
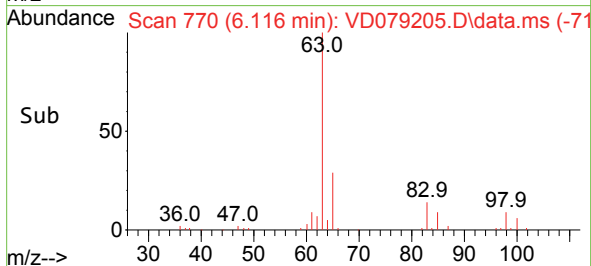
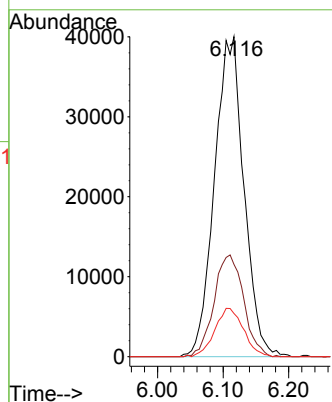
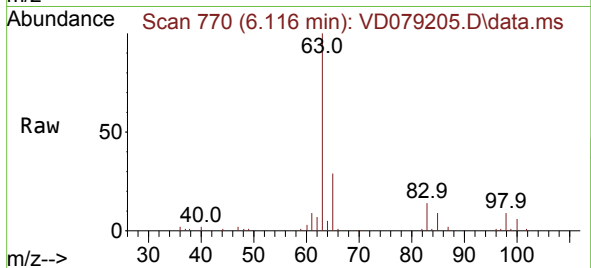
Tgt Ion: 63 Resp: 124643

Ion Ratio Lower Upper

63 100

65 28.9 22.8 42.4

83 13.5 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 25.365 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

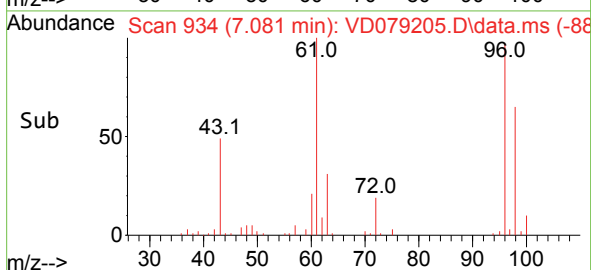
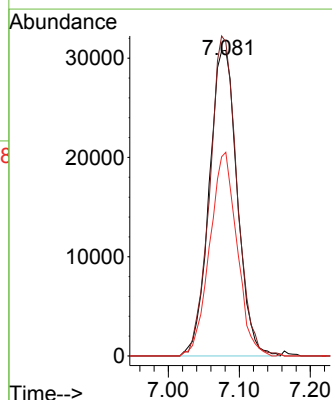
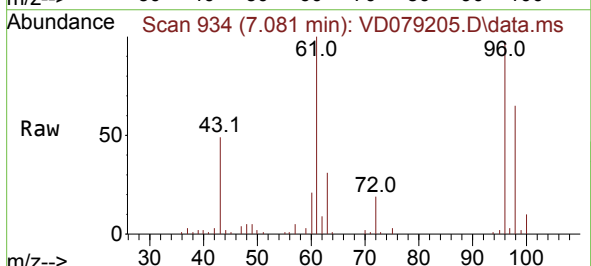
Tgt Ion: 96 Resp: 84543

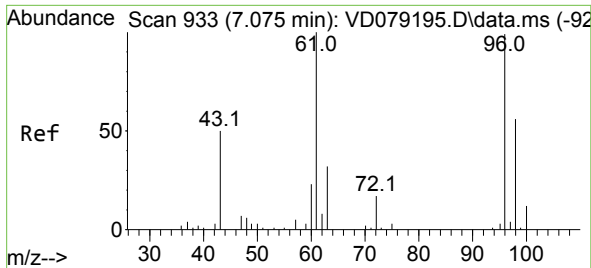
Ion Ratio Lower Upper

96 100

61 102.8 72.6 134.8

98 66.7 43.8 81.3

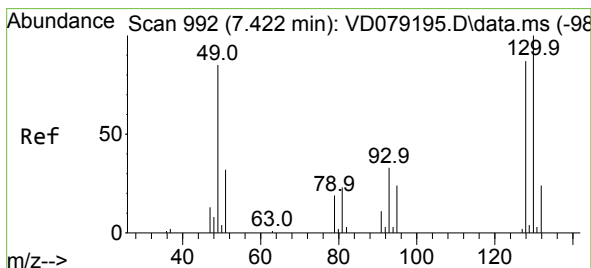
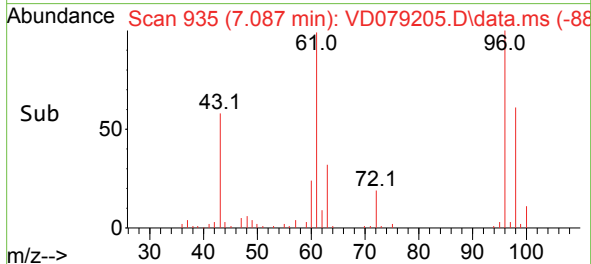
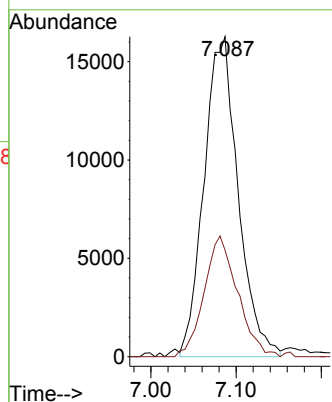
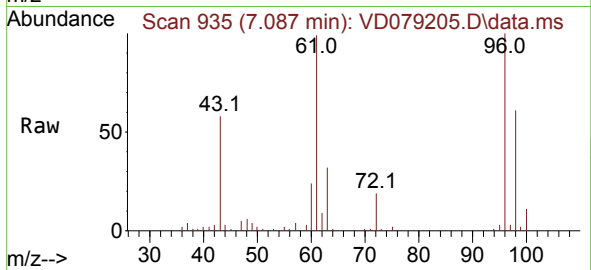




#22
2-Butanone
Concen: 58.959 ug/L
RT: 7.087 min Scan# 913
Delta R.T. 0.012 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

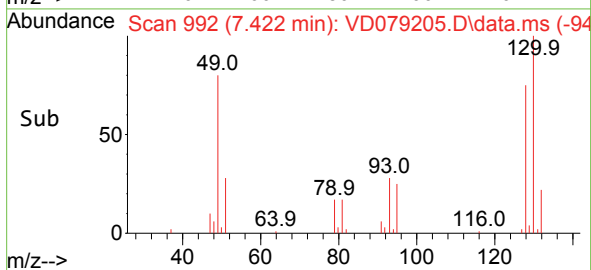
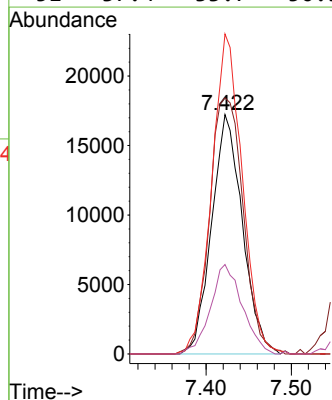
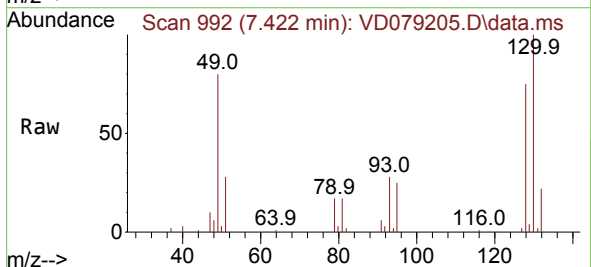
Instrument :
MSVOA_D
ClientSampleId :

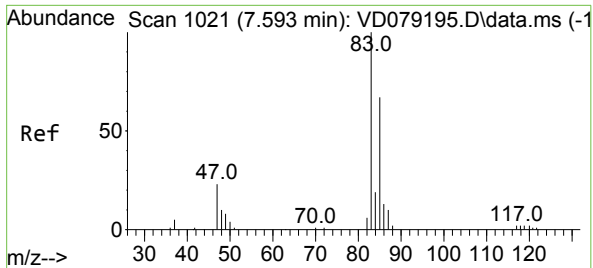
Tgt Ion: 43 Resp: 45139
Ion Ratio Lower Upper
43 100
72 36.6 19.3 57.8



#23
Bromochloromethane
Concen: 25.525 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion:128 Resp: 43133
Ion Ratio Lower Upper
128 100
49 107.1 81.8 151.8
130 133.7 90.4 167.8
51 37.4 33.7 50.5

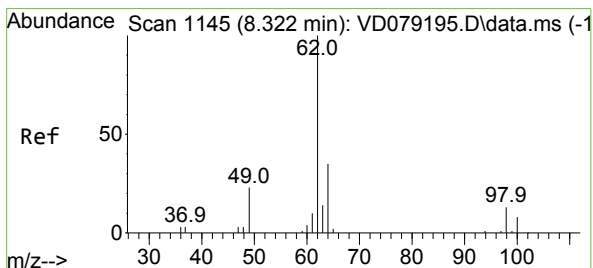
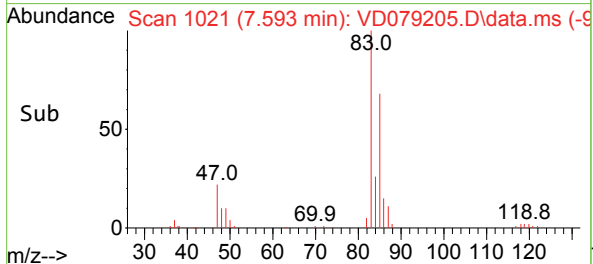
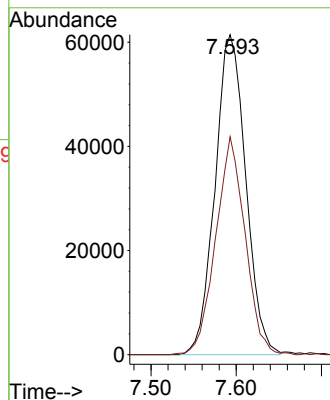
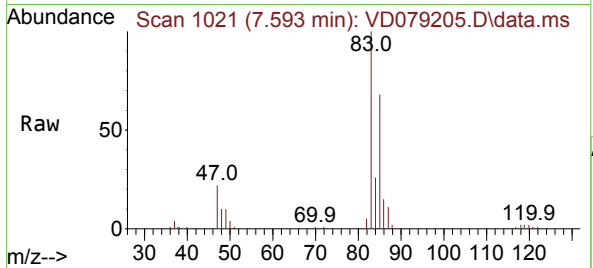




#25
Chloroform
Concen: 26.312 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

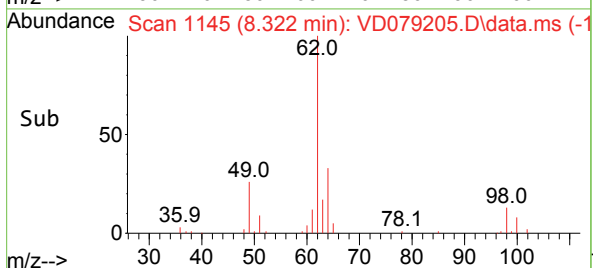
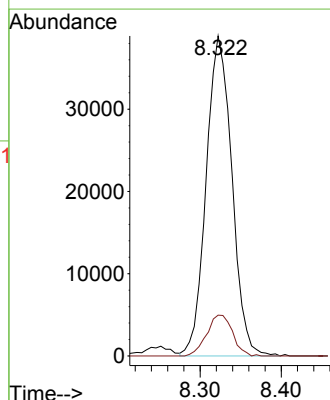
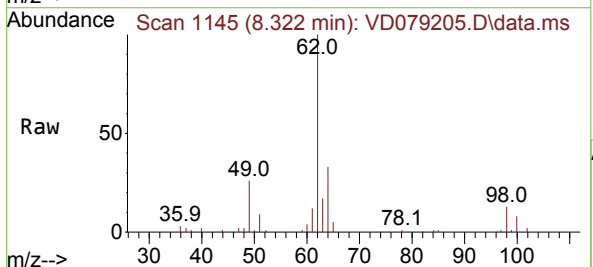
Instrument :
MSVOA_D
ClientSampleId :

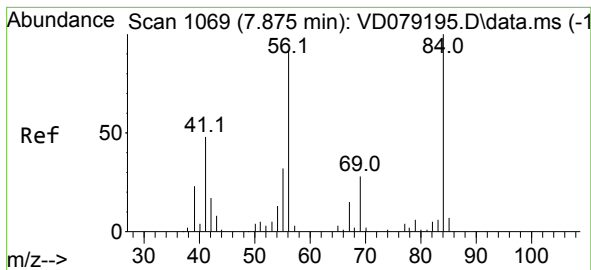
Tgt Ion: 83 Resp: 153955
Ion Ratio Lower Upper
83 100
85 68.1 47.9 89.1



#27
1,2-Dichloroethane
Concen: 25.240 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion: 62 Resp: 85730
Ion Ratio Lower Upper
62 100
98 12.7 8.2 12.4#





#29

Cyclohexane

Concen: 23.957 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

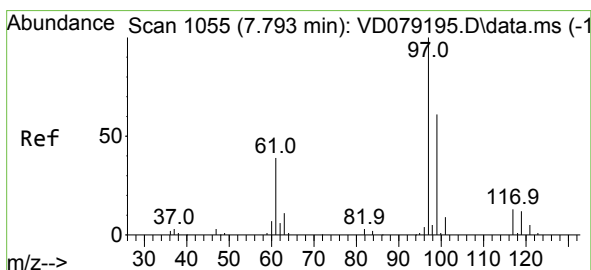
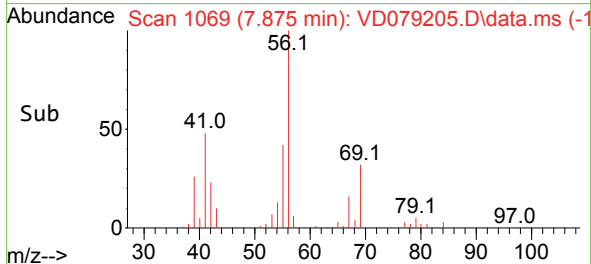
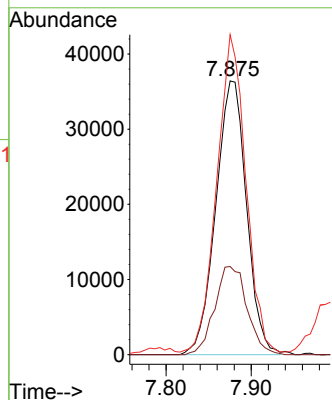
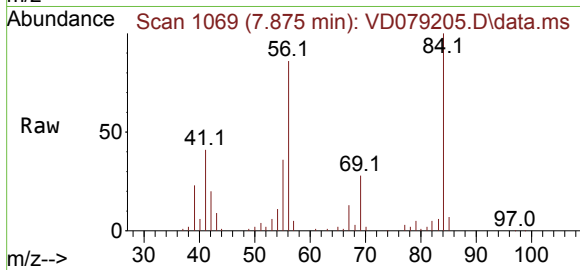
Tgt Ion: 56 Resp: 91203

Ion Ratio Lower Upper

56 100

69 33.9 26.6 40.0

84 111.6 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 24.178 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

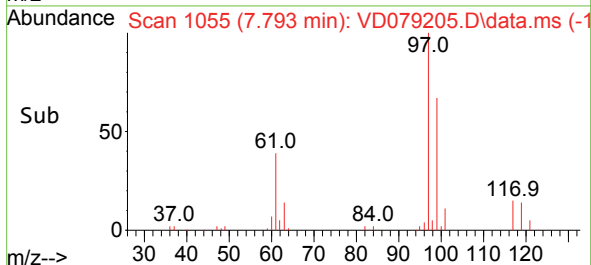
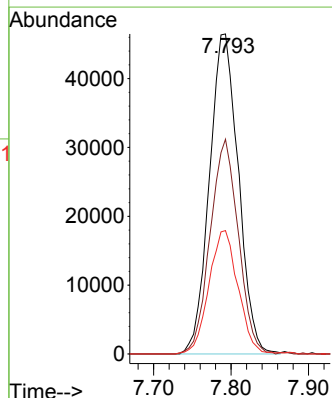
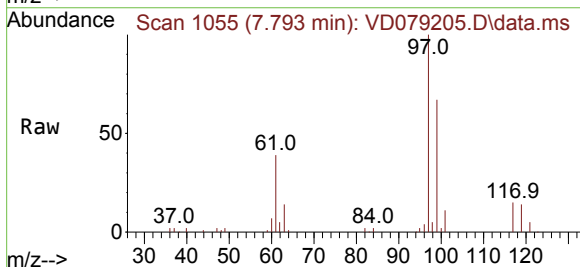
Tgt Ion: 97 Resp: 120781

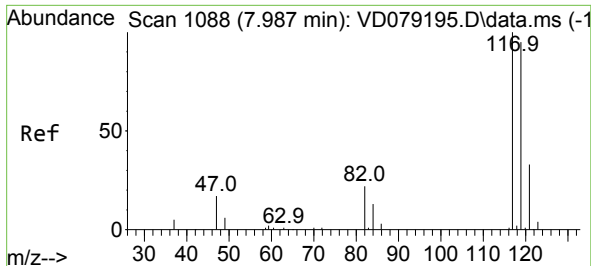
Ion Ratio Lower Upper

97 100

99 65.3 52.3 78.5

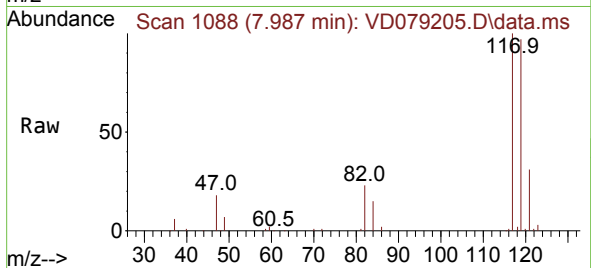
61 38.8 31.7 47.5



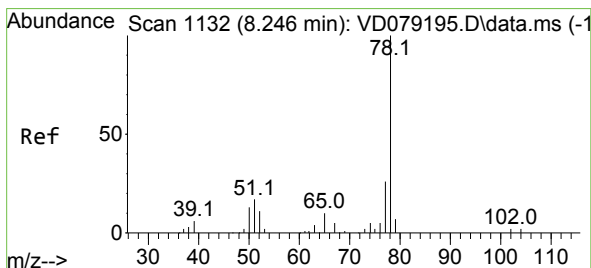
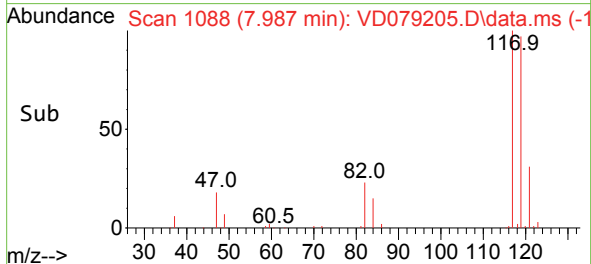
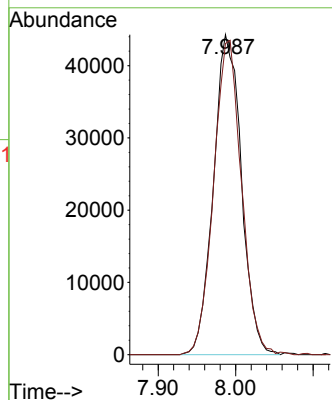


#31
Carbon tetrachloride
Concen: 23.881 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Instrument :
MSVOA_D
ClientSampleId :

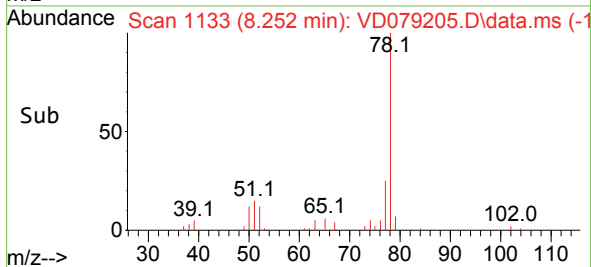
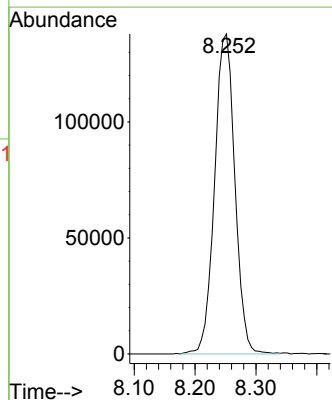
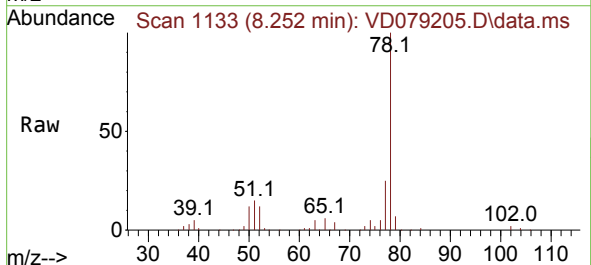


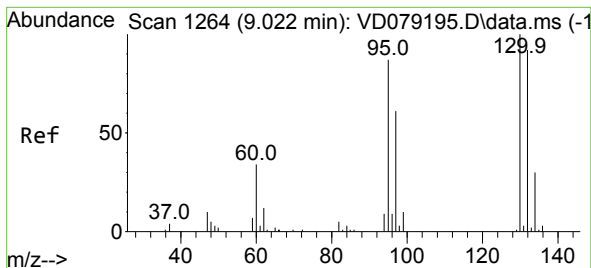
Tgt Ion:117 Resp: 110860
Ion Ratio Lower Upper
117 100
119 98.0 79.6 119.4



#33
Benzene
Concen: 25.435 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion: 78 Resp: 319649





#34

Trichloroethene

Concen: 24.915 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 80644

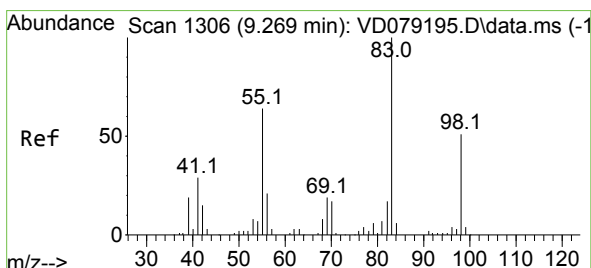
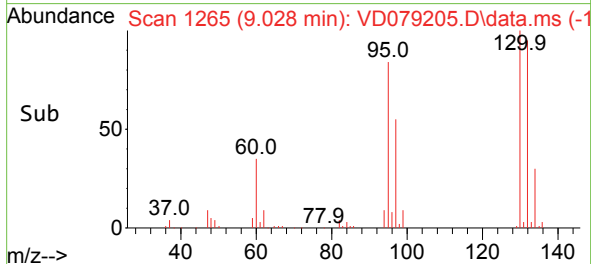
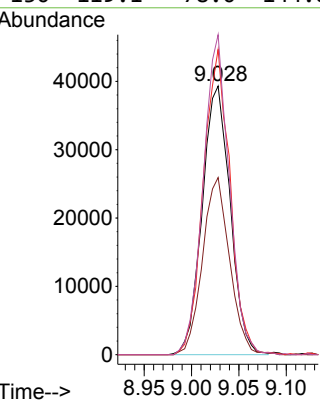
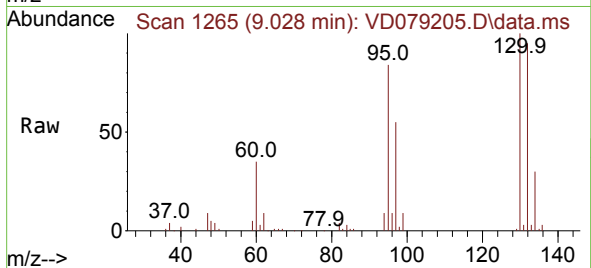
Ion Ratio Lower Upper

95 100

97 65.9 44.6 82.8

132 113.7 74.9 139.1

130 119.1 78.0 144.8



#35

Methylcyclohexane

Concen: 23.719 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

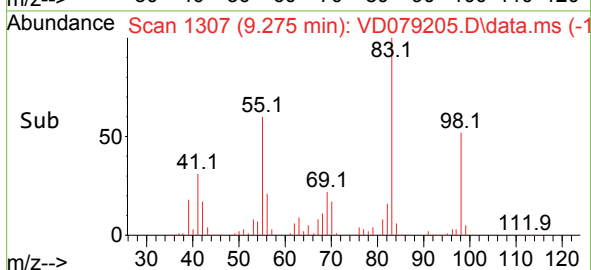
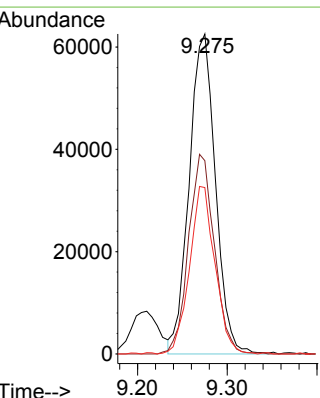
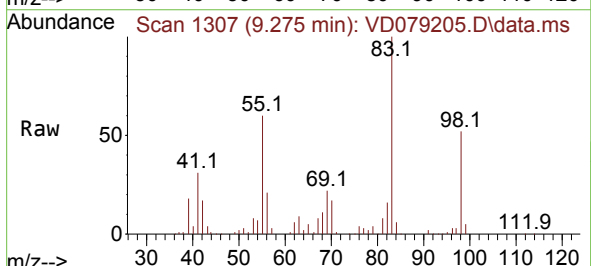
Tgt Ion: 83 Resp: 127211

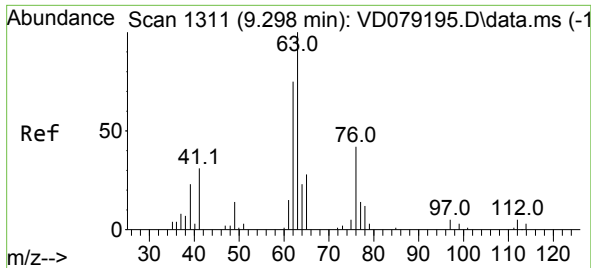
Ion Ratio Lower Upper

83 100

55 61.3 48.6 72.8

98 50.7 40.2 60.2





#37

1,2-Dichloropropane

Concen: 25.345 ug/L

RT: 9.299 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

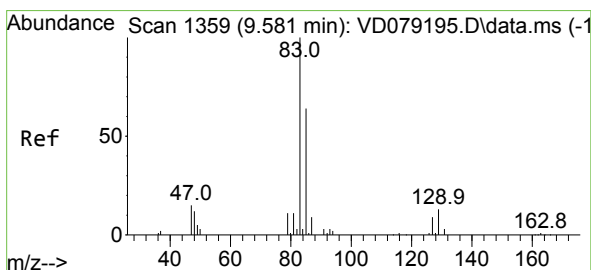
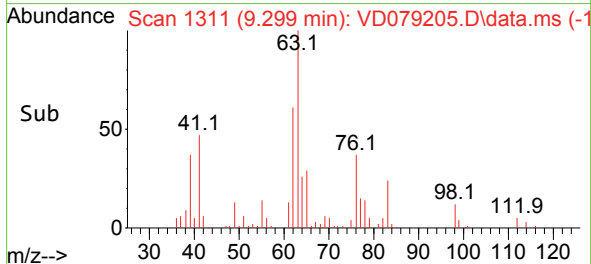
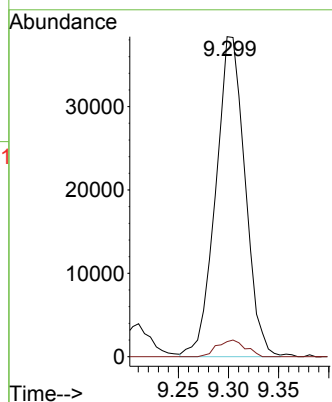
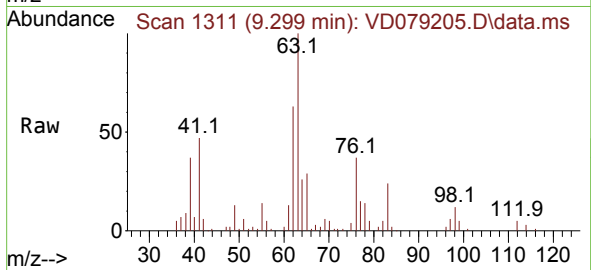
ClientSampleId :

Tgt Ion: 63 Resp: 78018

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 24.565 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

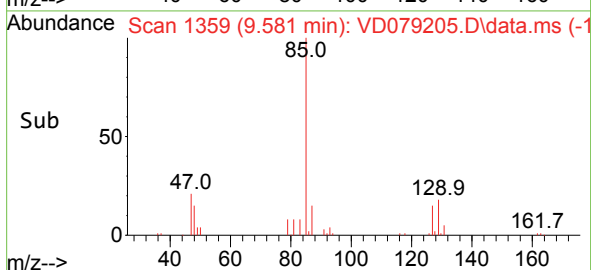
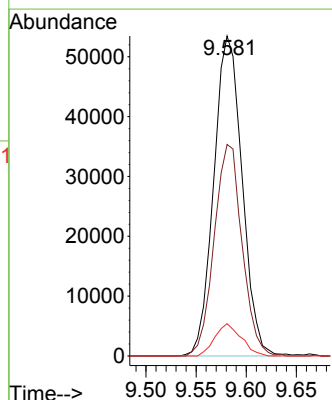
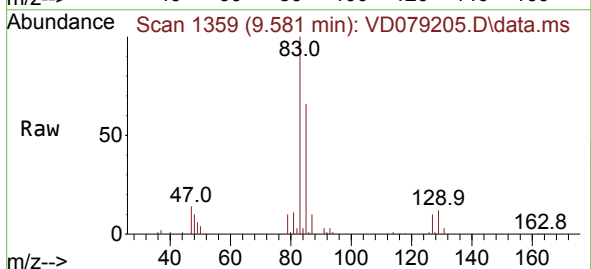
Tgt Ion: 83 Resp: 105117

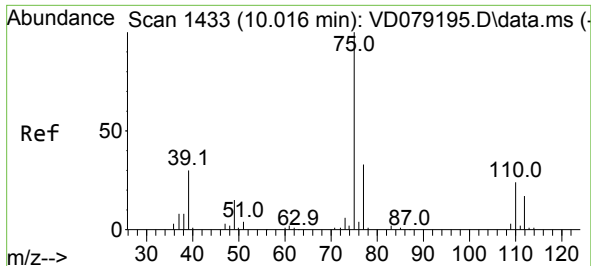
Ion Ratio Lower Upper

83 100

85 66.1 46.5 86.5

127 11.5 7.0 10.6#

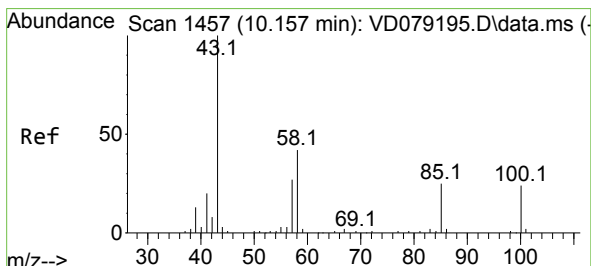
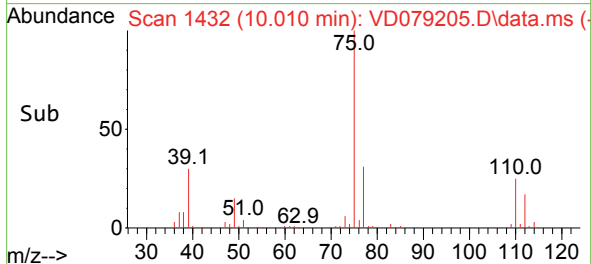
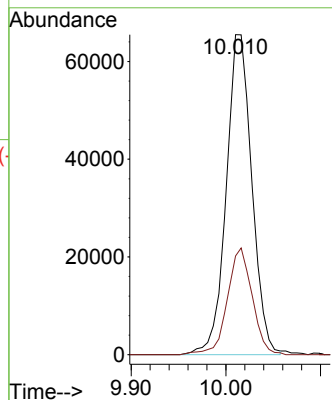
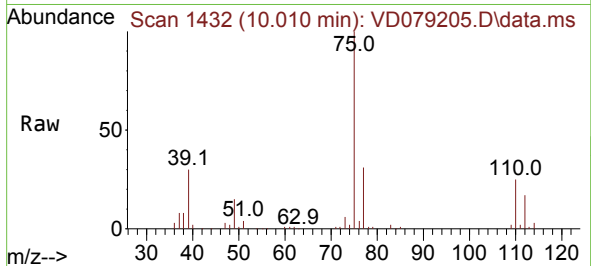




#39
 cis-1,3-Dichloropropene
 Concen: 25.638 ug/L
 RT: 10.010 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

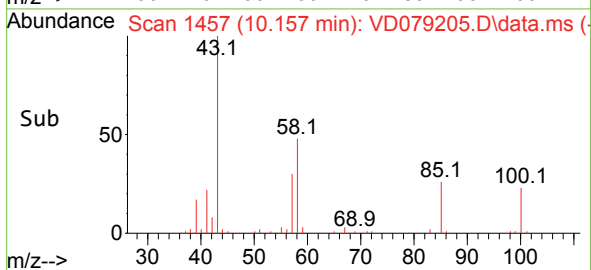
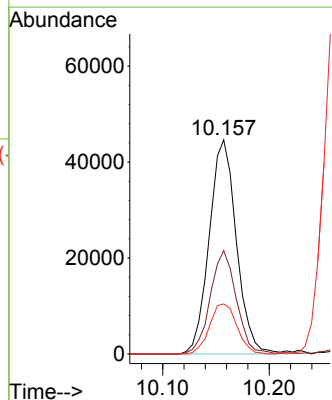
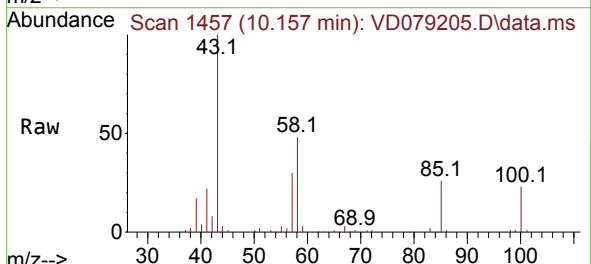
Instrument :
 MSVOA_D
 ClientSampleId :

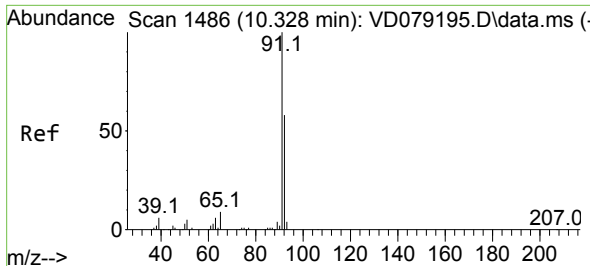
Tgt Ion: 75 Resp: 123198
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 61.511 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

Tgt Ion: 43 Resp: 79041
 Ion Ratio Lower Upper
 43 100
 58 46.3 34.0 51.0
 100 23.5 16.9 25.3





#42

Toluene

Concen: 25.628 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

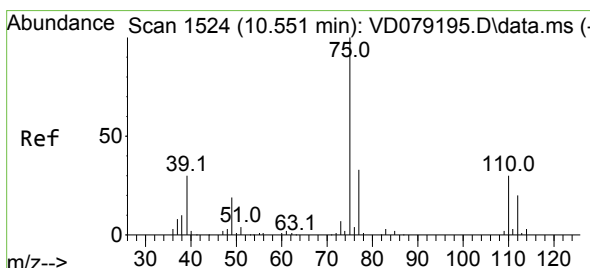
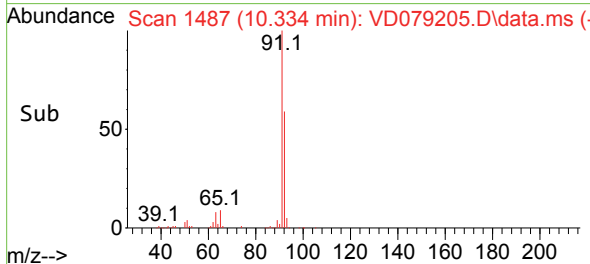
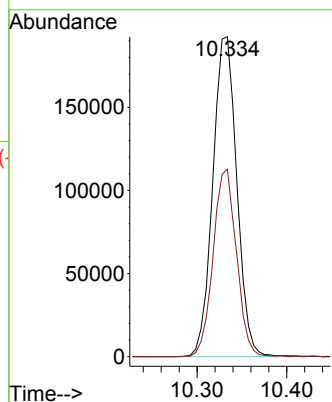
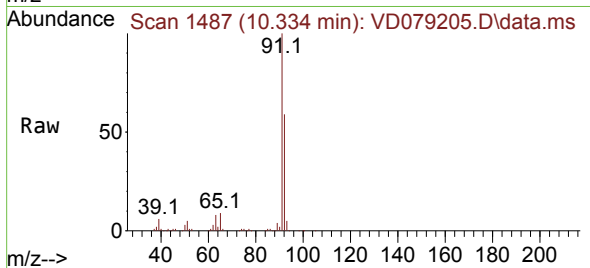
ClientSampleId :

Tgt Ion: 91 Resp: 357630

Ion Ratio Lower Upper

91 100

92 58.6 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 26.530 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079205.D

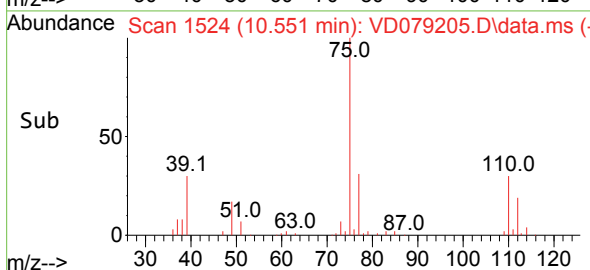
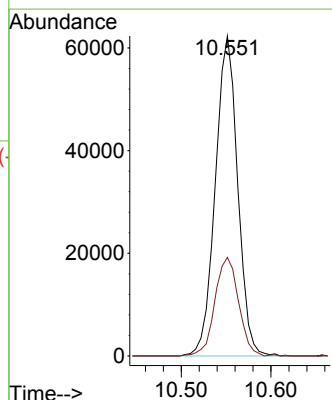
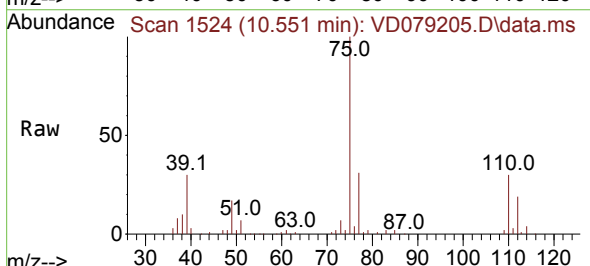
Acq: 19 Jun 2024 10:16

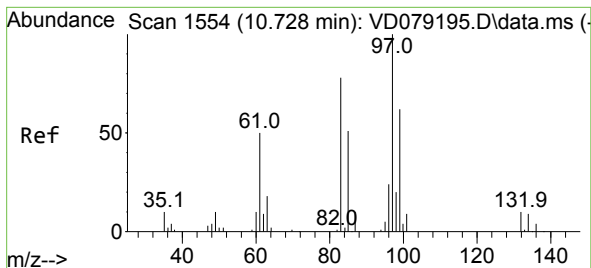
Tgt Ion: 75 Resp: 107802

Ion Ratio Lower Upper

75 100

77 30.8 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 26.030 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

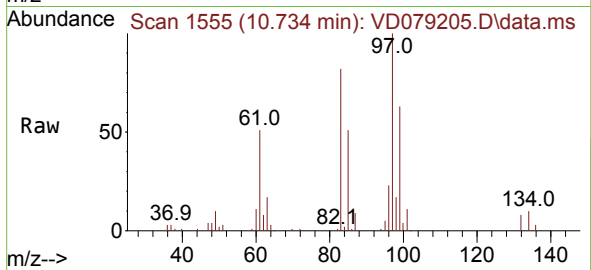
Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 70294

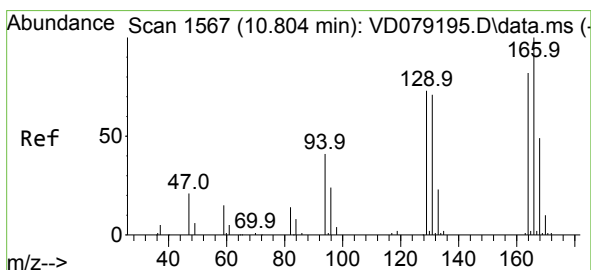
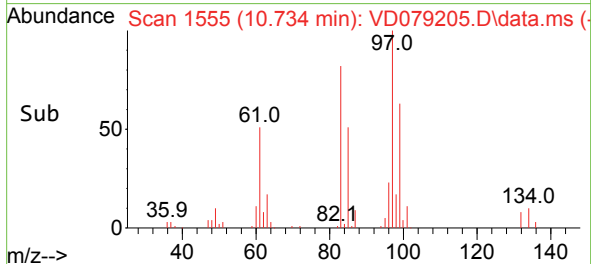
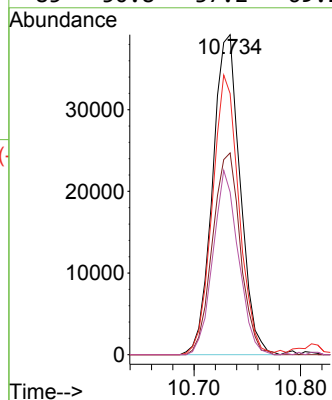
Ion Ratio Lower Upper

97 100

99 63.1 43.0 79.8

83 81.6 58.9 109.5

85 50.8 37.2 69.2



#46

Tetrachloroethene

Concen: 24.739 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Tgt Ion:164 Resp: 70508

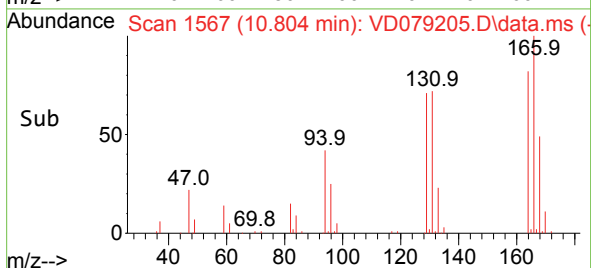
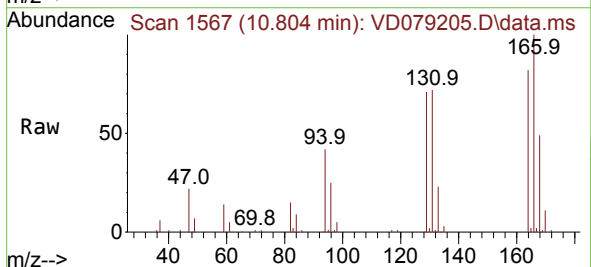
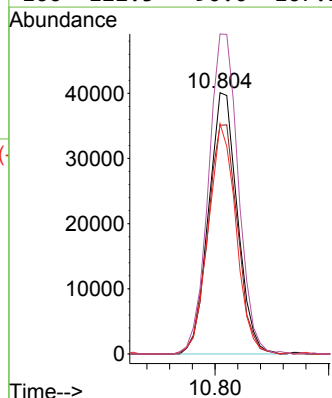
Ion Ratio Lower Upper

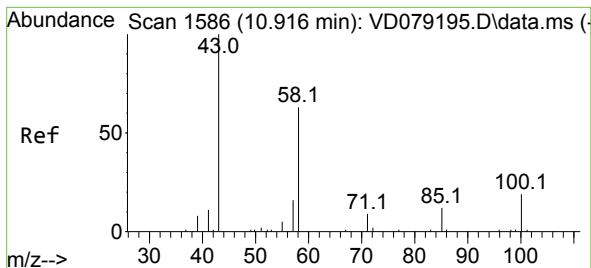
164 100

129 87.5 64.3 119.5

131 88.1 61.2 113.8

166 122.5 90.0 167.2





#48

2-Hexanone

Concen: 62.103 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

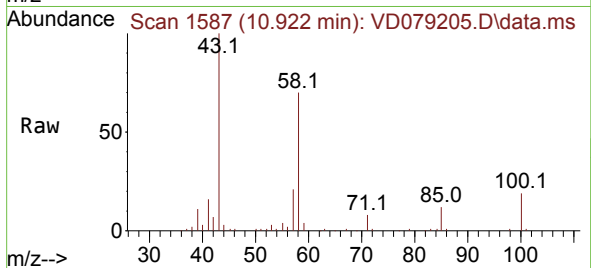
Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 69054

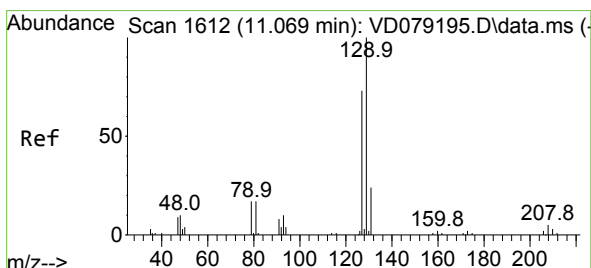
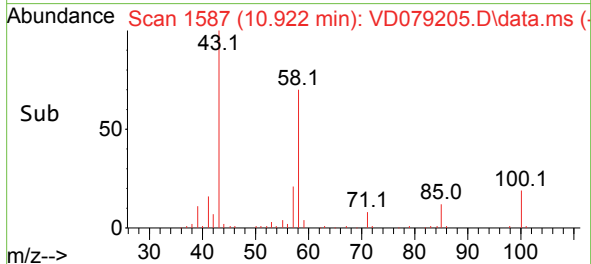
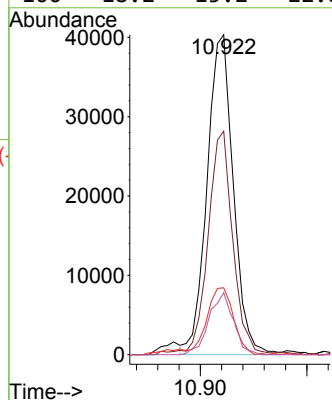
Ion Ratio Lower Upper

43 100

58 65.0 50.1 75.1

57 21.0 16.5 24.7

100 18.2 15.2 22.8



#49

Dibromochloromethane

Concen: 25.640 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VD079205.D

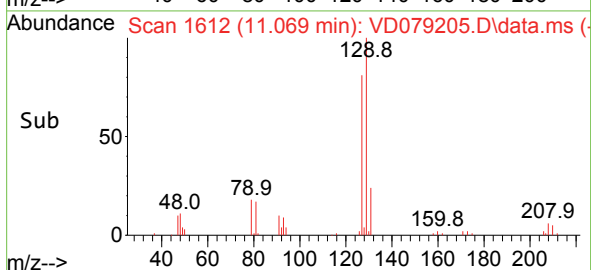
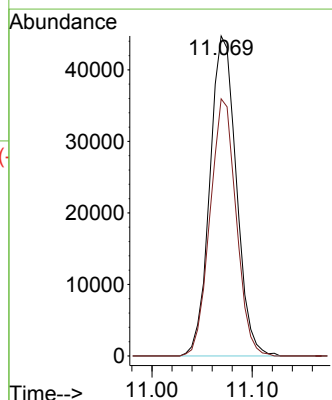
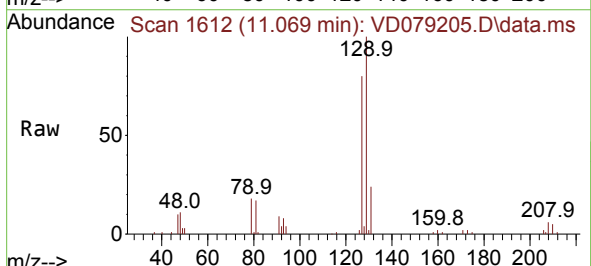
Acq: 19 Jun 2024 10:16

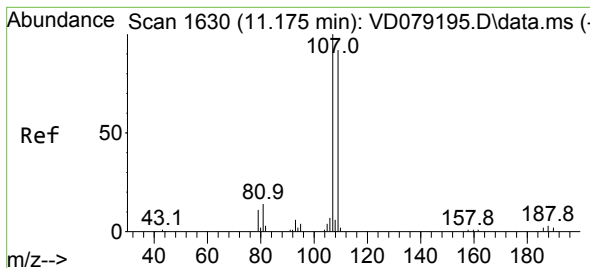
Tgt Ion:129 Resp: 81996

Ion Ratio Lower Upper

129 100

127 80.3 56.4 104.7





#50

1,2-Dibromoethane

Concen: 27.171 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079205.D

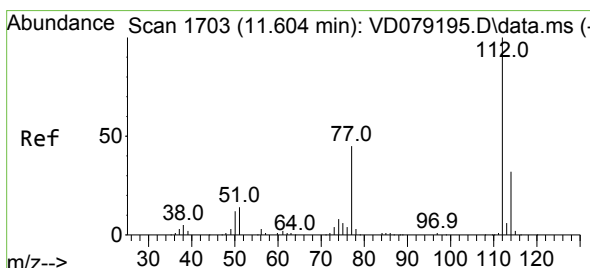
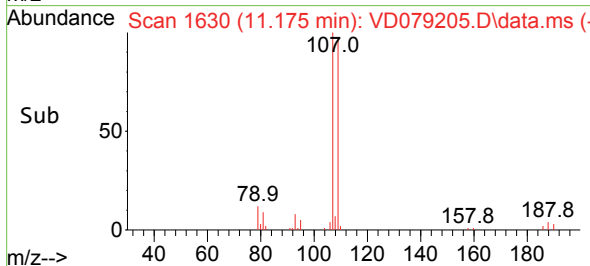
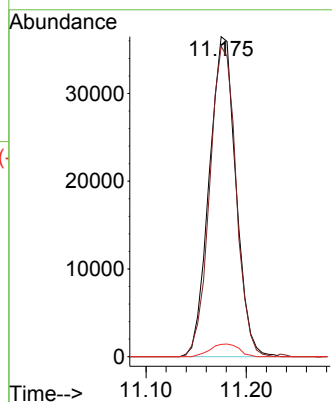
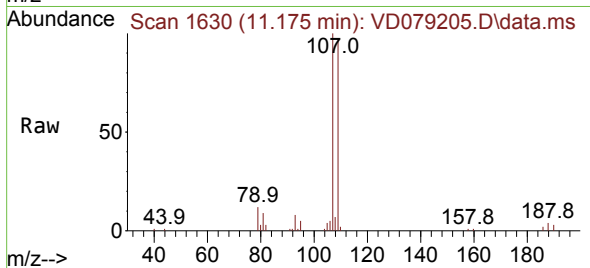
Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	67434
Ion Ratio	Lower	Upper
107	100	
109	97.0	64.5 119.7
188	3.8	2.6 3.8



#51

Chlorobenzene

Concen: 25.044 ug/L

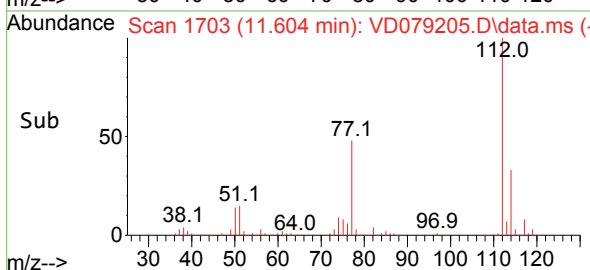
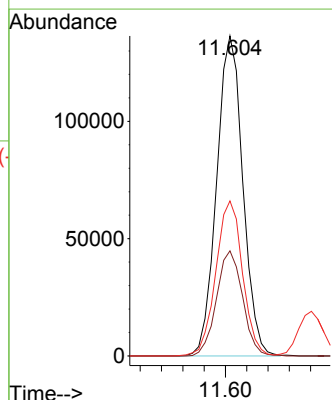
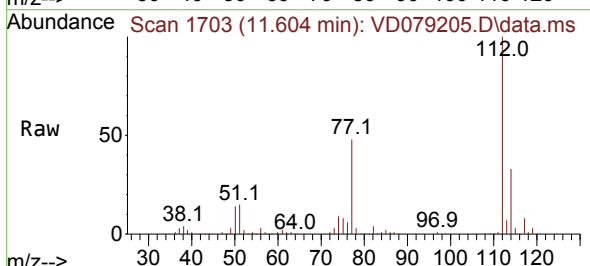
RT: 11.604 min Scan# 1703

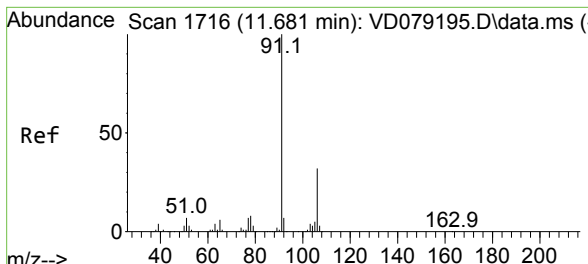
Delta R.T. 0.000 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Tgt Ion:112	Resp:	232537
Ion Ratio	Lower	Upper
112	100	
114	32.9	22.7 42.3
77	48.5	38.4 57.6

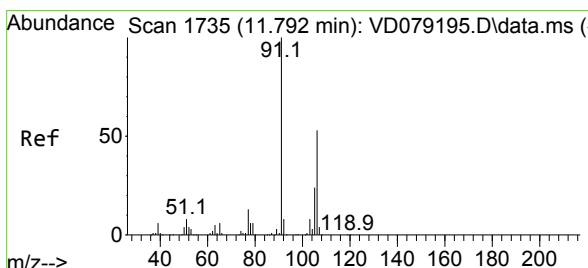
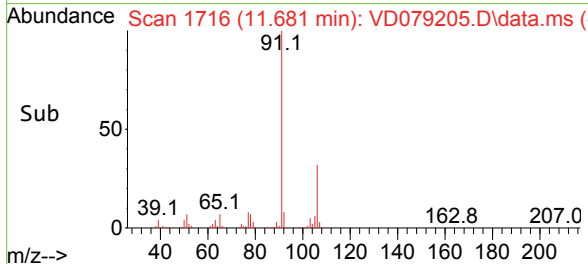
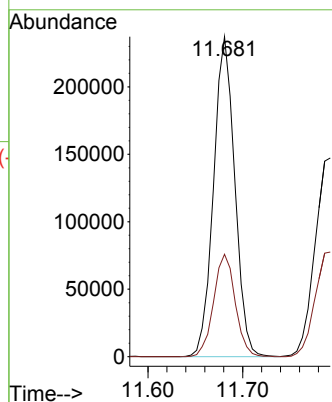
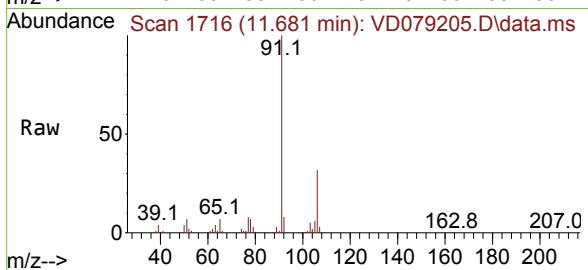




#52
Ethylbenzene
Concen: 25.344 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

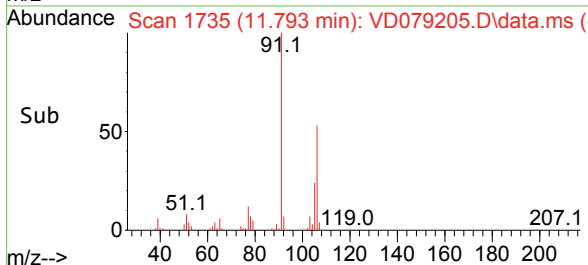
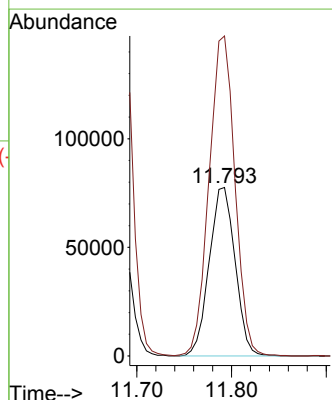
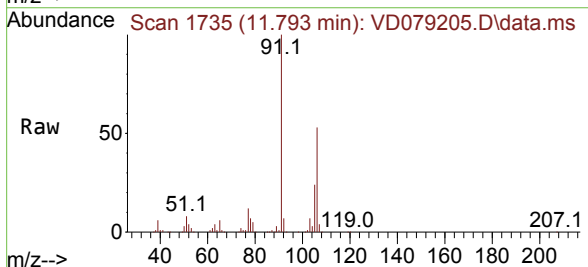
Instrument :
MSVOA_D
ClientSampleId :

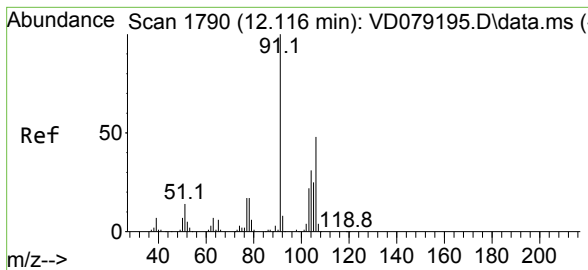
Tgt Ion: 91 Resp: 368907
Ion Ratio Lower Upper
91 100
106 32.0 22.3 41.5



#53
m,p-Xylene
Concen: 25.779 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion: 106 Resp: 147223
Ion Ratio Lower Upper
106 100
91 190.0 133.1 247.1

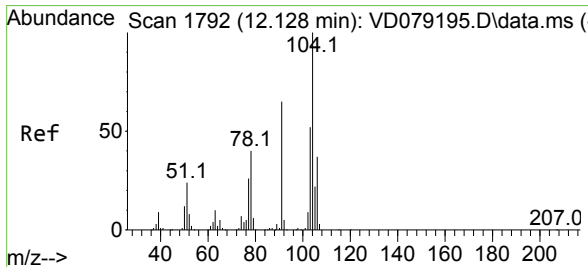
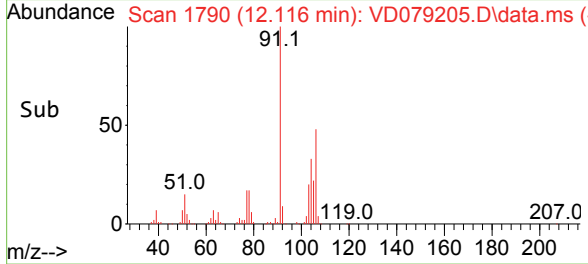
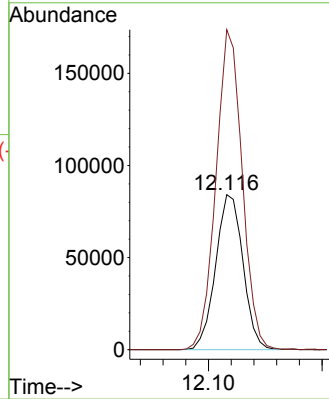
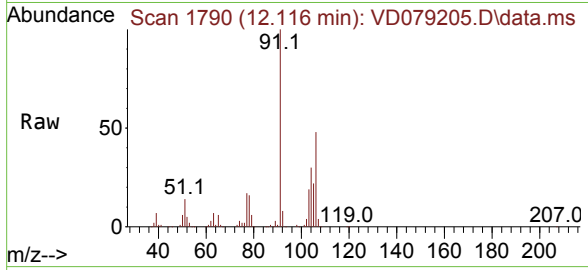




#54
o-Xylene
Concen: 25.510 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

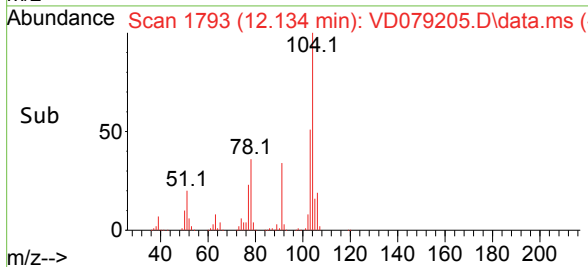
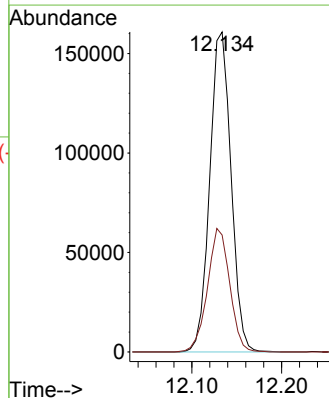
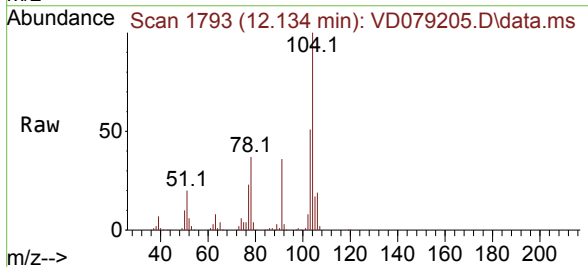
Instrument :
MSVOA_D
ClientSampleId :

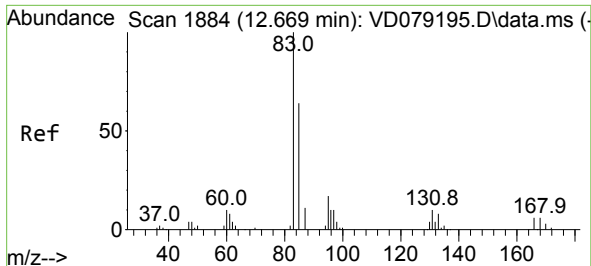
Tgt Ion:106 Resp: 140754
Ion Ratio Lower Upper
106 100
91 206.5 132.9 246.9



#55
Styrene
Concen: 27.085 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion:104 Resp: 264986
Ion Ratio Lower Upper
104 100
78 36.6 27.8 51.6

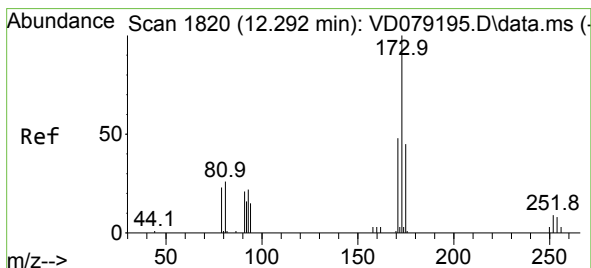
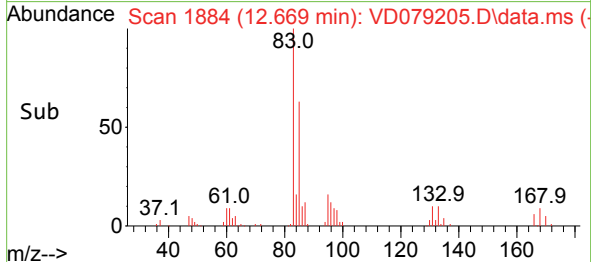
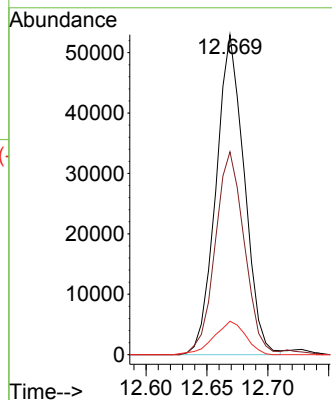
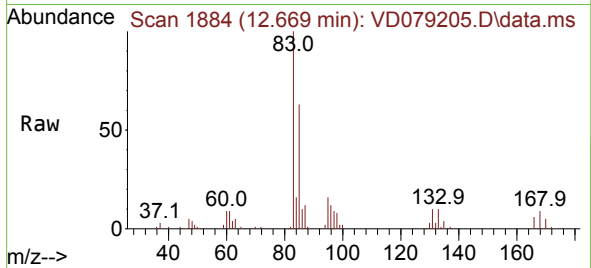




#57
1,1,2,2-Tetrachloroethane
Concen: 28.265 ug/L
RT: 12.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

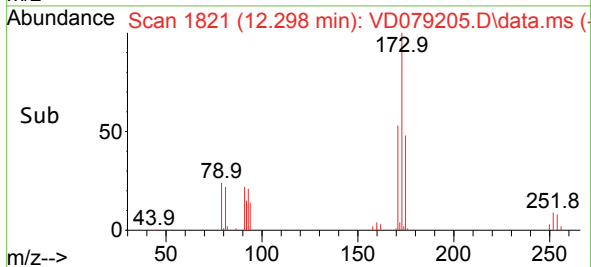
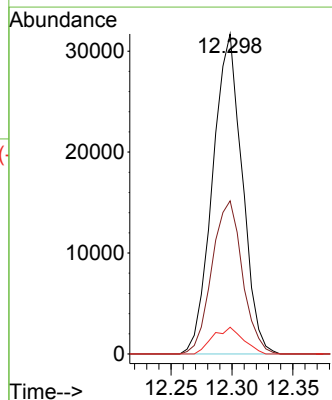
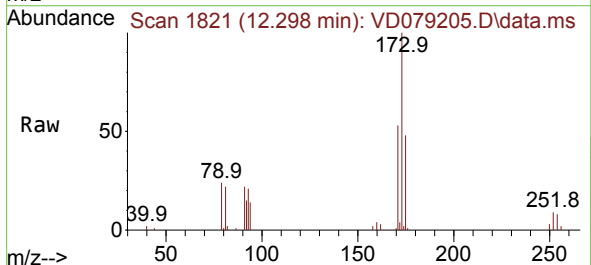
Instrument :
MSVOA_D
ClientSampleId :

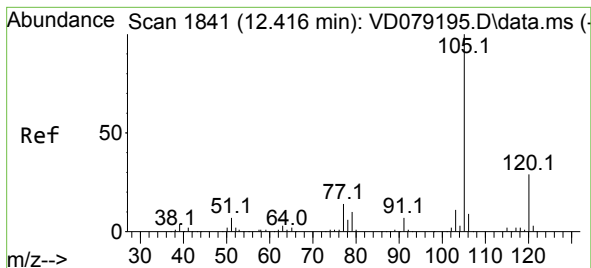
Tgt Ion: 83 Resp: 85442
Ion Ratio Lower Upper
83 100
85 63.4 47.5 88.1
131 10.4 8.6 13.0



#59
Bromoform
Concen: 25.993 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

Tgt Ion:173 Resp: 53474
Ion Ratio Lower Upper
173 100
175 49.3 38.2 57.4
254 8.6 7.0 10.6





#60

Isopropylbenzene

Concen: 24.591 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079205.D

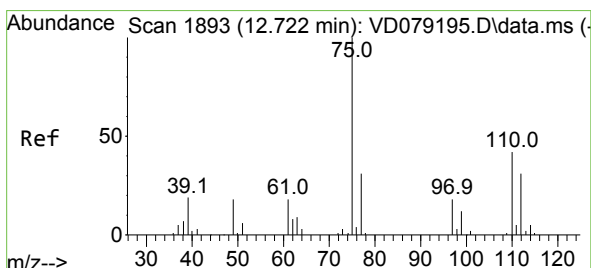
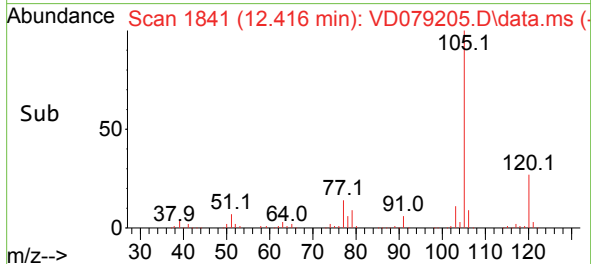
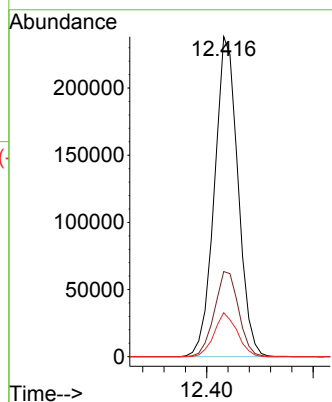
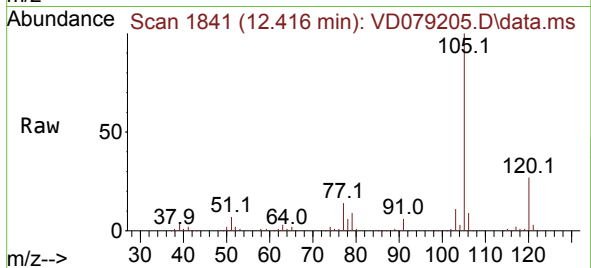
Acq: 19 Jun 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	364984
Ion Ratio	Lower	Upper	
105	100		
120	27.3	21.9	32.9
77	13.4	10.9	16.3



#61

1,2,3-Trichloropropane

Concen: 27.673 ug/L

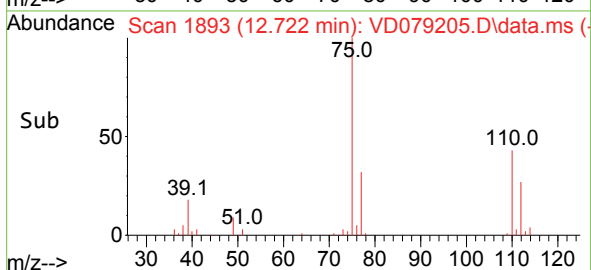
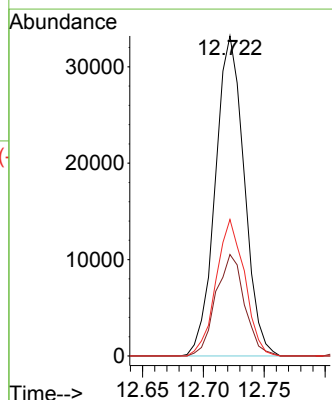
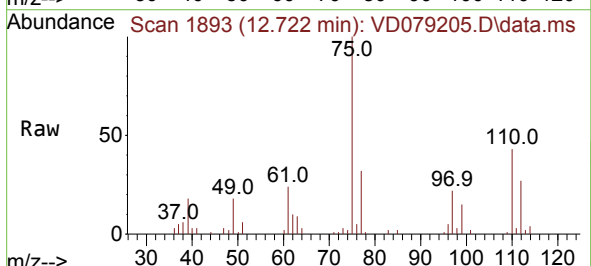
RT: 12.722 min Scan# 1893

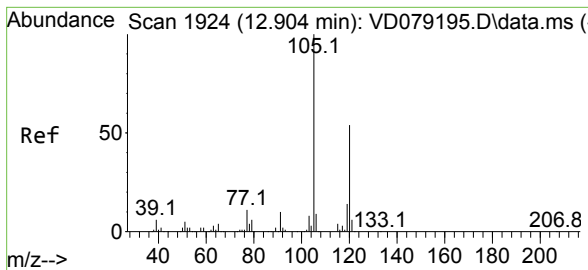
Delta R.T. 0.000 min

Lab File: VD079205.D

Acq: 19 Jun 2024 10:16

Tgt Ion:	75	Resp:	54841
Ion Ratio	Lower	Upper	
75	100		
77	31.4	25.9	38.9
110	42.2	34.2	51.4

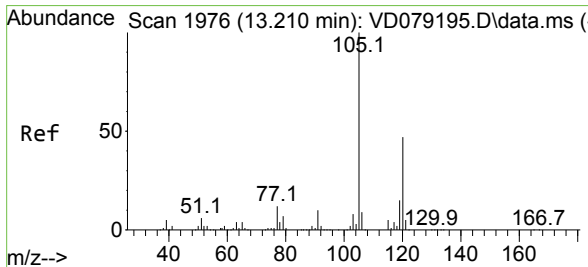
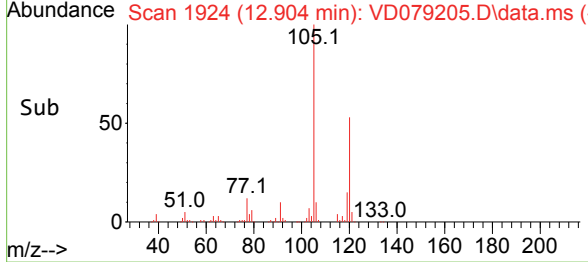
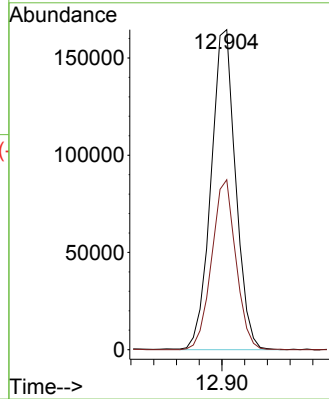
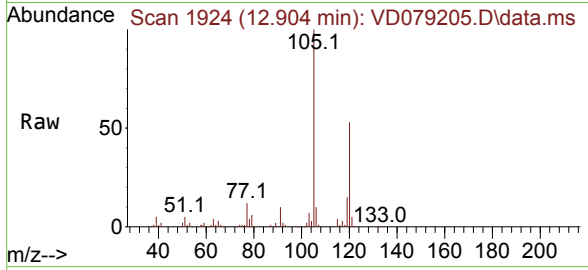




#62
 1,3,5-Trimethylbenzene
 Concen: 24.394 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

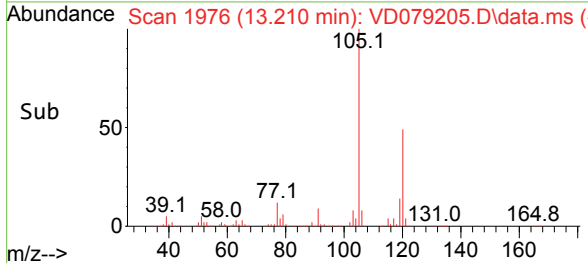
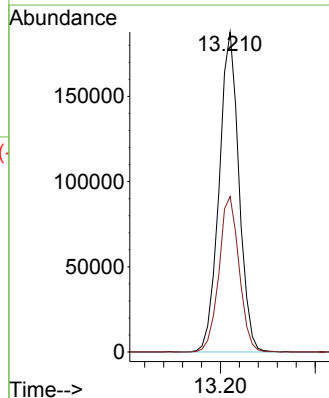
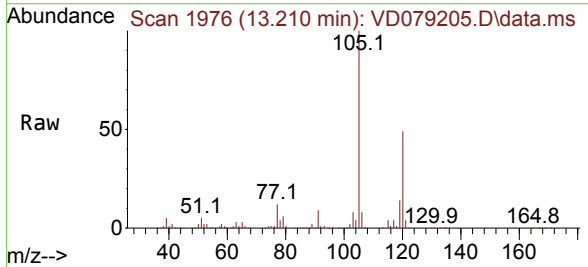
Instrument :
 MSVOA_D
 ClientSampleId :

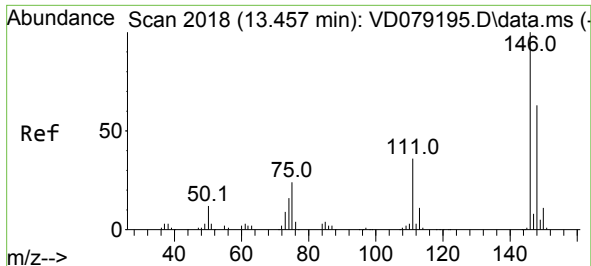
Tgt Ion:105 Resp: 247549
 Ion Ratio Lower Upper
 105 100
 120 52.1 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 25.174 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

Tgt Ion:105 Resp: 273241
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.0 57.0

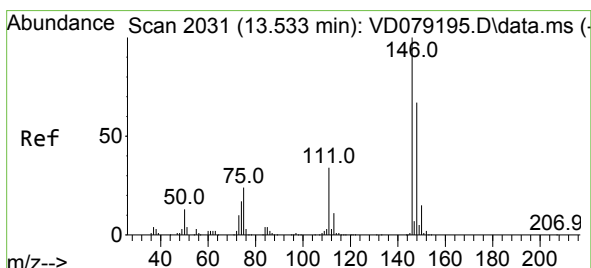
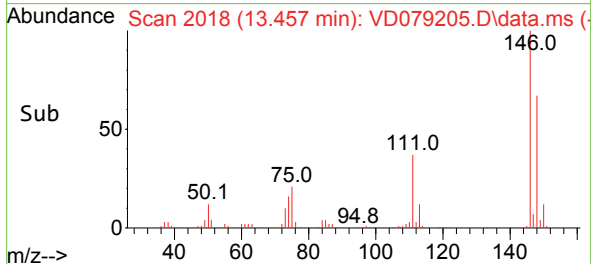
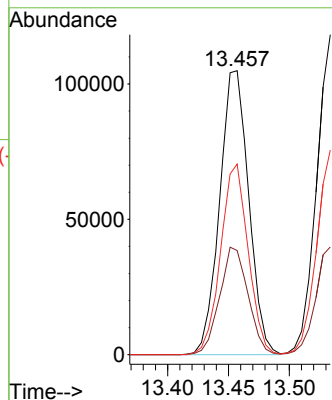
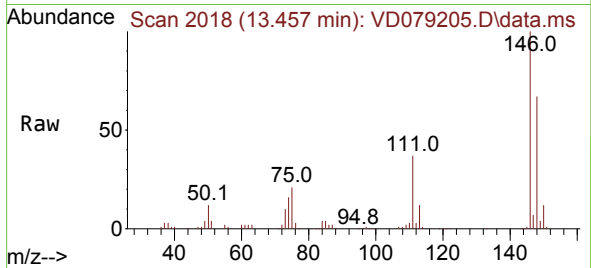




#64
1,3-Dichlorobenzene
Concen: 24.491 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

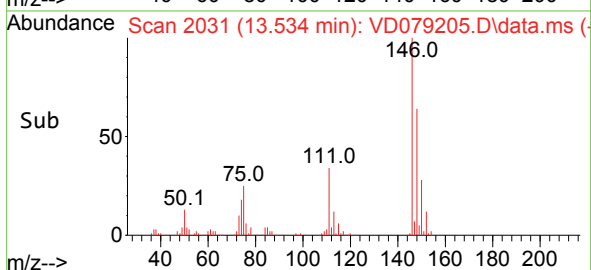
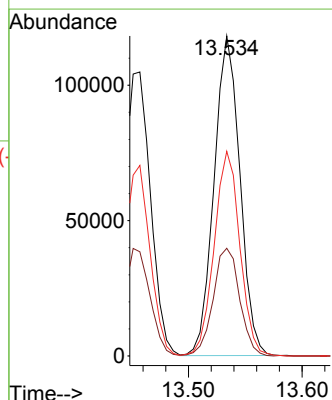
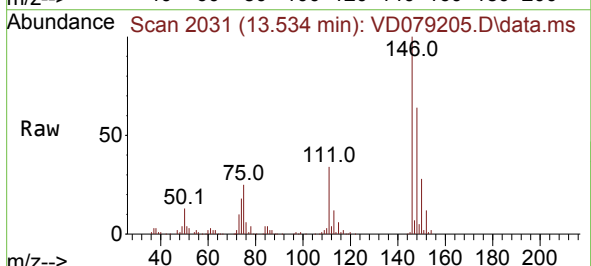
Instrument :
MSVOA_D
ClientSampleId :

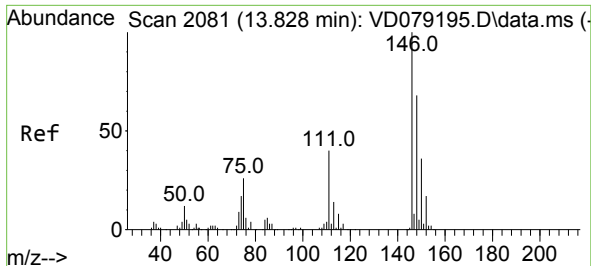
Tgt Ion:146 Resp: 174628
Ion Ratio Lower Upper
146 100
111 36.7 24.4 45.4
148 67.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 24.737 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079205.D
Acq: 19 Jun 2024 10:16

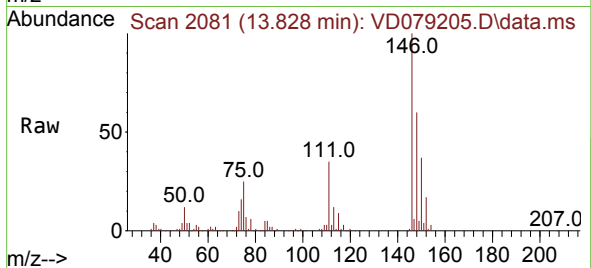
Tgt Ion:146 Resp: 186887
Ion Ratio Lower Upper
146 100
111 33.7 26.3 48.9
148 64.0 43.1 80.1



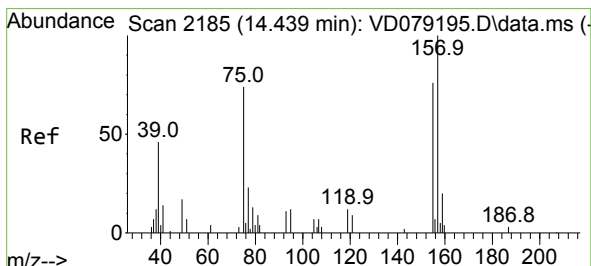
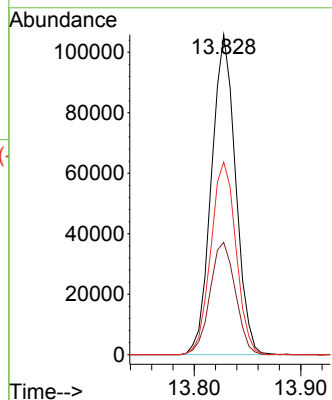
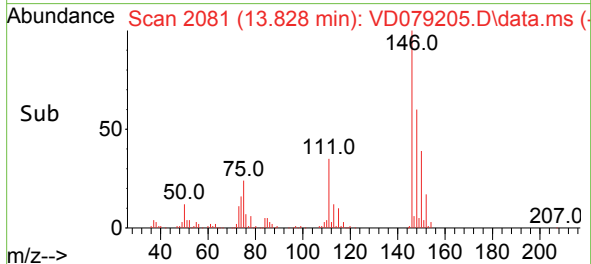


#67
 1,2-Dichlorobenzene
 Concen: 25.259 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

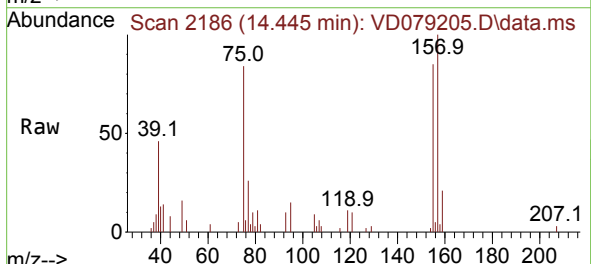
Instrument :
 MSVOA_D
 ClientSampleId :



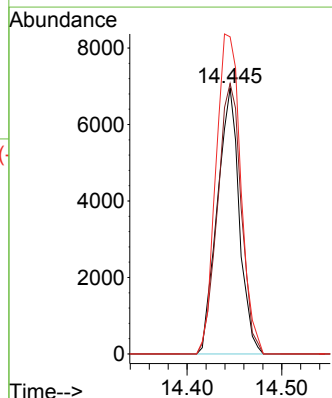
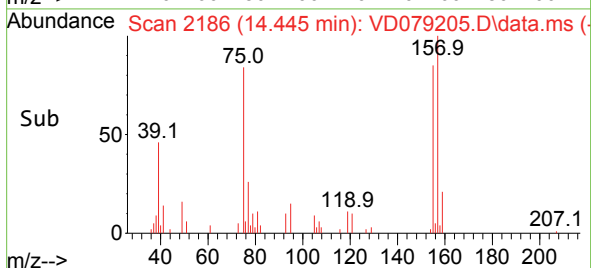
Tgt Ion:146 Resp: 166491
 Ion Ratio Lower Upper
 146 100
 111 35.1 29.1 43.7
 148 60.2 51.2 76.8

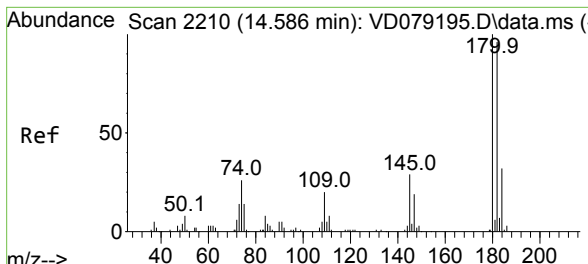


#68
 1,2-Dibromo-3-chloropropane
 Concen: 27.598 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.006 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16



Tgt Ion: 75 Resp: 11243
 Ion Ratio Lower Upper
 75 100
 155 101.8 68.1 102.1
 157 119.3 91.6 137.4

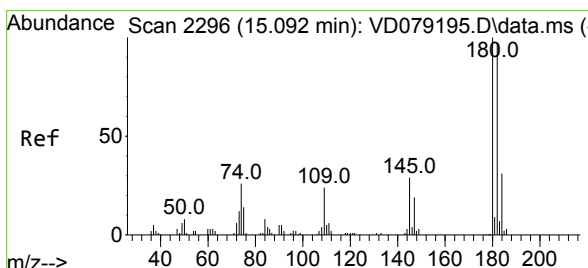
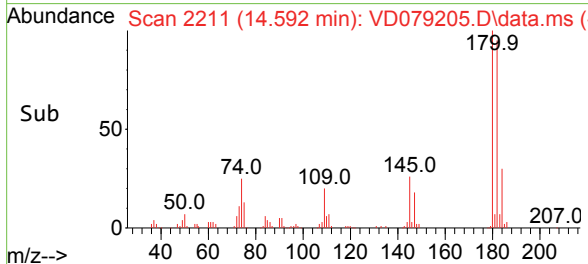
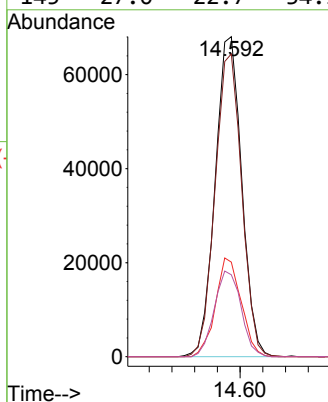
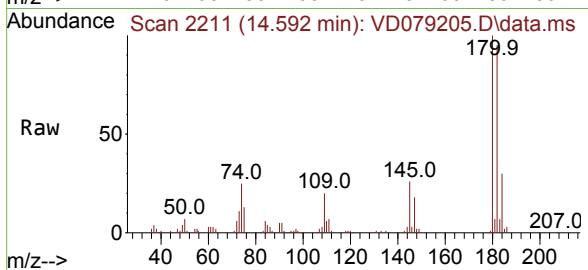




#69
 1,3,5-Trichlorobenzene
 Concen: 24.530 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

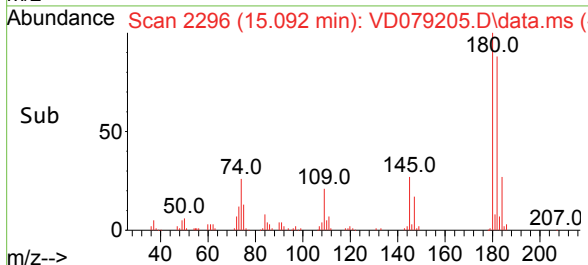
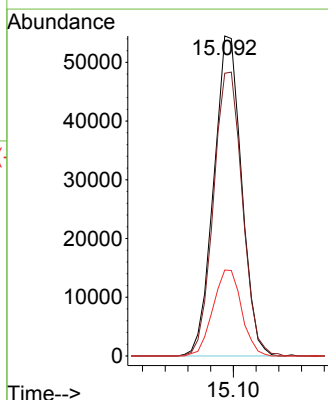
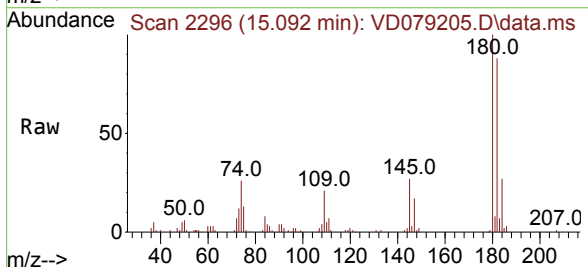
Instrument :
 MSVOA_D
 ClientSampleId :

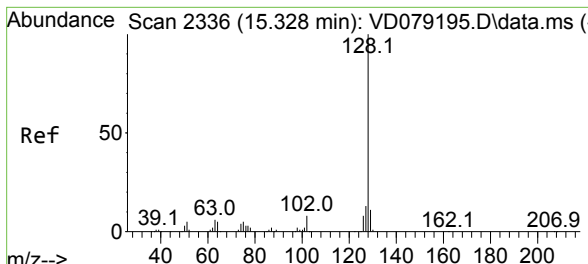
Tgt Ion:180 Resp: 110310
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.9 115.3
 184 29.8 23.3 34.9
 145 27.0 22.7 34.1



#70
 1,2,4-trichlorobenzene
 Concen: 24.858 ug/L
 RT: 15.092 min Scan# 2296
 Delta R.T. 0.000 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

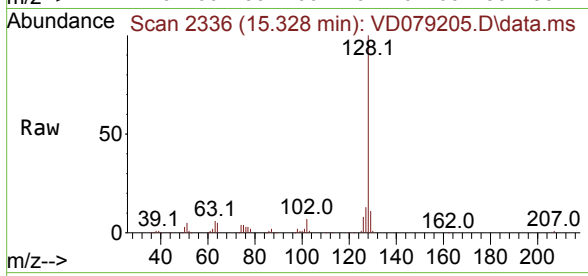
Tgt Ion:180 Resp: 92842
 Ion Ratio Lower Upper
 180 100
 182 91.9 73.8 110.6
 145 27.5 22.3 33.5





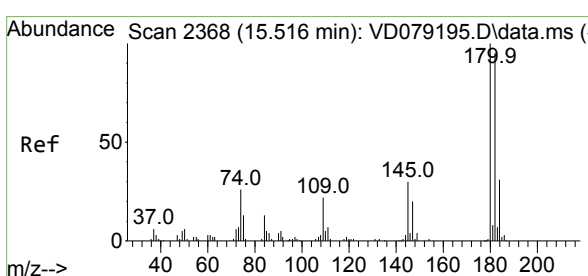
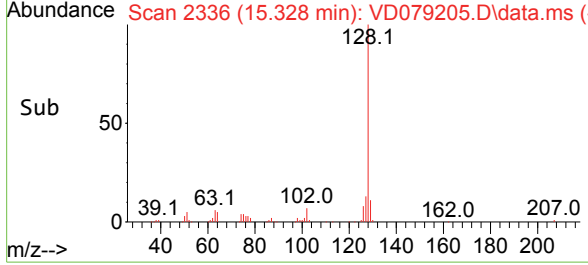
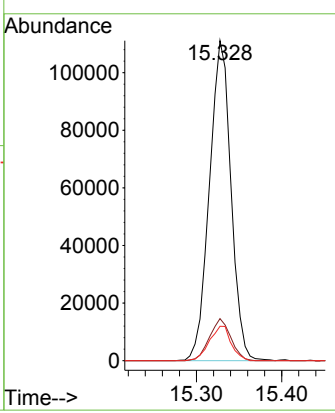
#71
 Naphthalene
 Concen: 27.967 ug/L
 RT: 15.328 min Scan# 2336
 Delta R.T. 0.000 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:128 Resp: 195343

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.9	8.5	12.7



#72
 1,2,3-Trichlorobenzene
 Concen: 27.339 ug/L
 RT: 15.516 min Scan# 2368
 Delta R.T. 0.000 min
 Lab File: VD079205.D
 Acq: 19 Jun 2024 10:16

Tgt Ion:180 Resp: 88249

Ion	Ratio	Lower	Upper
180	100		
182	94.5	79.4	119.2
145	30.8	24.7	37.1

