

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061824\
 Data File : VD079195.D
 Acq On : 18 Jun 2024 09:12
 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 19 07:12:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 15 02:21:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	190476	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	105116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.263	65	107356	18.315	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.280%
7) Chloroethane-d5	2.787	69	110858	19.560	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.240%
11) 1,1-Dichloroethene-d2	3.905	65	17893	17.196	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.800%
21) 2-Butanone-d5	6.987	46	28825	64.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.580%
24) Chloroform-d	7.563	84	122215	22.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	8.228	65	59544	24.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.960%
32) Benzene-d6	8.198	84	231670	22.148	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	9.204	67	69316	23.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	10.269	98	212369	21.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.720%
43) trans-1,3-Dichloroprop...	10.522	79	30358	23.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.880%
47) 2-Hexanone-d5	10.875	63	27131	69.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.300%#
56) 1,1,2,2-Tetrachloroeth...	12.645	84	80612	30.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.800%#
66) 1,2-Dichlorobenzene-d4	13.810	152	86873	23.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52889	17.541	ug/L	98
3) Chloromethane	2.146	50	103245	25.691	ug/L	98
5) Vinyl chloride	2.275	62	150715	22.722	ug/L	94
6) Bromomethane	2.675	94	82872	16.183	ug/L	98
8) Chloroethane	2.822	64	105147	21.628	ug/L	96
9) Trichlorofluoromethane	3.158	101	115147	22.788	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	72142	23.809	ug/L	97
12) 1,1-Dichloroethene	3.928	96	55797	21.152	ug/L	95
13) Acetone	4.022	43	34571	53.263	ug/L	99
14) Carbon disulfide	4.258	76	167976	18.254	ug/L	100
15) Methyl Acetate	4.563	43	24558	27.769	ug/L	93
16) Methylene chloride	4.793	84	76310	22.484	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	64107	22.488	ug/L	96
18) Methyl tert-butyl Ether	5.310	73	133298	26.364	ug/L #	90
19) 1,1-Dichloroethane	6.104	63	109669	23.894	ug/L #	92
20) cis-1,2-Dichloroethene	7.075	96	76096	25.635	ug/L	96
22) 2-Butanone	7.075	43	37123	54.445	ug/L #	67
23) Bromochloromethane	7.422	128	38749	25.748	ug/L	86
25) Chloroform	7.593	83	130188	24.983	ug/L	98

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 Response via : Initial Calibration

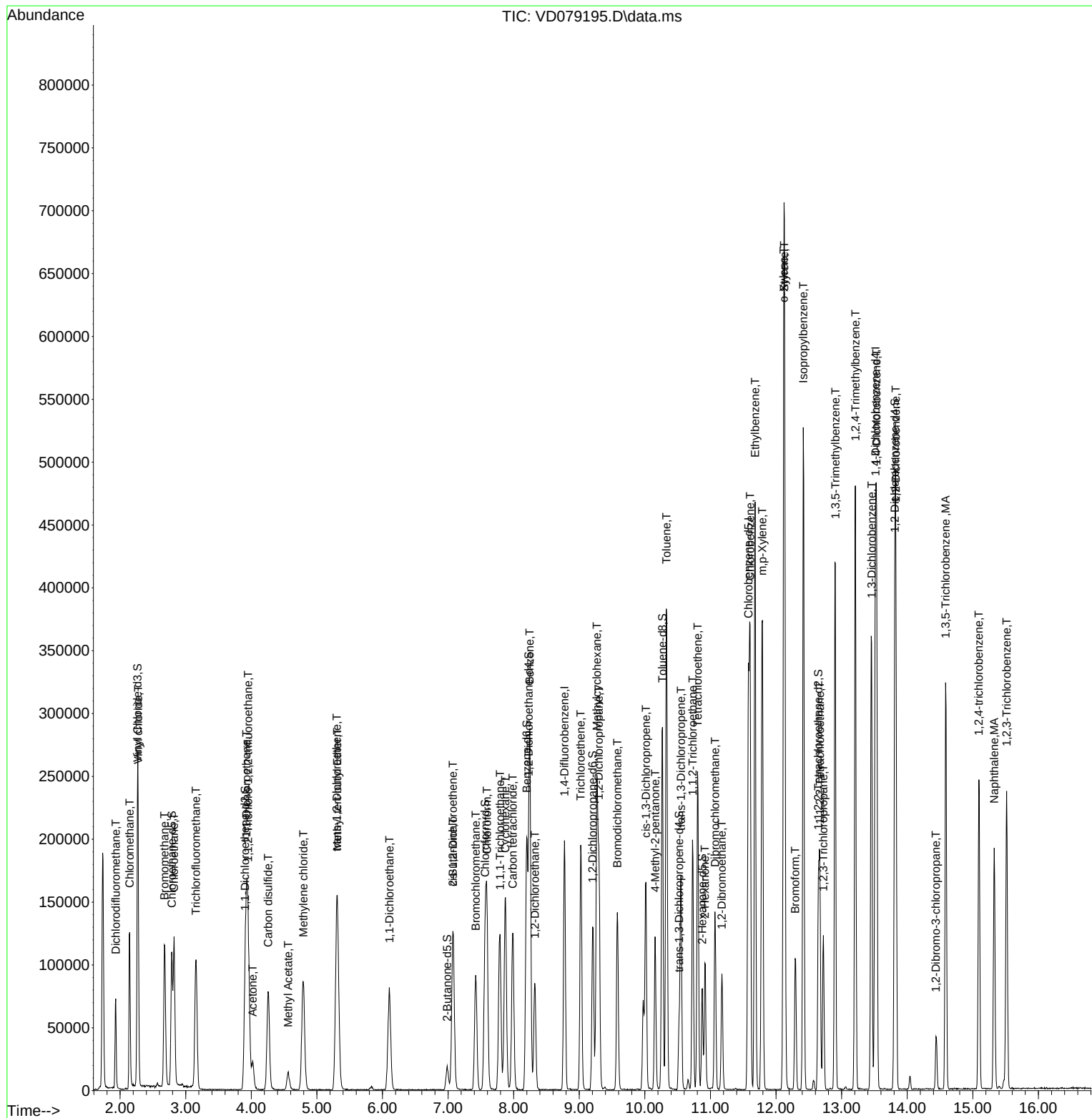
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	76400	25.256	ug/L #	94
29) Cyclohexane	7.875	56	75584	22.202	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	108818	24.359	ug/L	99
31) Carbon tetrachloride	7.987	117	99487	23.965	ug/L	98
33) Benzene	8.246	78	282148	25.106	ug/L	100
34) Trichloroethene	9.022	95	69034	23.850	ug/L	97
35) Methylcyclohexane	9.269	83	108973	22.721	ug/L	99
37) 1,2-Dichloropropane	9.298	63	72169	26.218	ug/L	99
38) Bromodichloromethane	9.581	83	98290	25.686	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	107802	25.087	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	71581	62.293	ug/L	98
42) Toluene	10.328	91	314303	25.186	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	98531	27.116	ug/L	98
45) 1,1,2-Trichloroethane	10.728	97	64692	26.788	ug/L	96
46) Tetrachloroethene	10.804	164	61656	24.192	ug/L	96
48) 2-Hexanone	10.916	43	59896	60.237	ug/L	99
49) Dibromochloromethane	11.069	129	77977	27.267	ug/L	92
50) 1,2-Dibromoethane	11.175	107	60276	27.159	ug/L	100
51) Chlorobenzene	11.604	112	211987	25.531	ug/L	97
52) Ethylbenzene	11.681	91	330770	25.411	ug/L	99
53) m,p-Xylene	11.792	106	133919	26.222	ug/L	99
54) o-Xylene	12.116	106	129359	26.217	ug/L	88
55) Styrene	12.128	104	239936	27.425	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	78434	29.015	ug/L	97
59) Bromoform	12.292	173	50321	26.120	ug/L	100
60) Isopropylbenzene	12.416	105	339717	24.442	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	51078	27.523	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	228764	24.072	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	249002	24.497	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	165795	24.830	ug/L	99
65) 1,4-Dichlorobenzene	13.533	146	175129	24.754	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	154613	25.048	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.439	75	10025	26.278	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.586	180	105156	24.970	ug/L	99
70) 1,2,4-trichlorobenzene	15.092	180	86525	24.739	ug/L	98
71) Naphthalene	15.328	128	174018	26.604	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	84755	28.038	ug/L	96

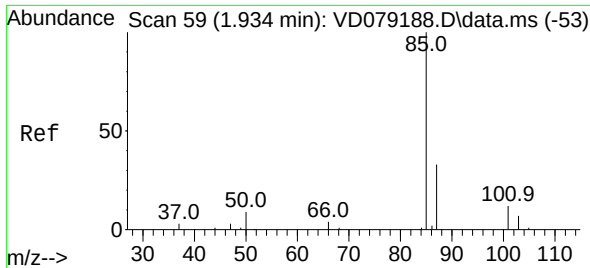
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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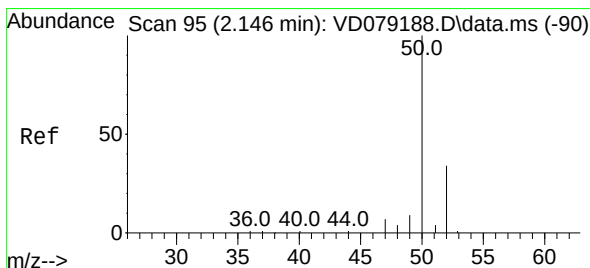
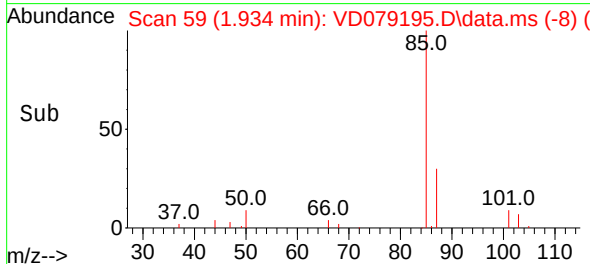
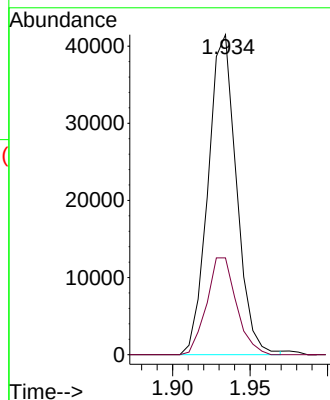
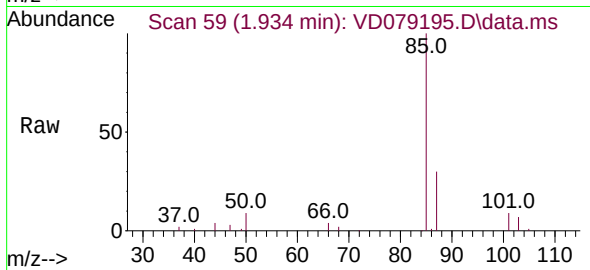




#2
 Dichlorodifluoromethane
 Concen: 17.541 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079195.D
 Acq: 18 Jun 2024 09:12

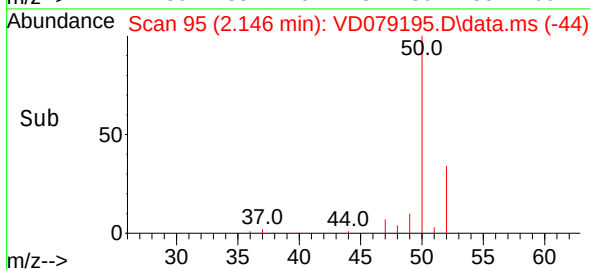
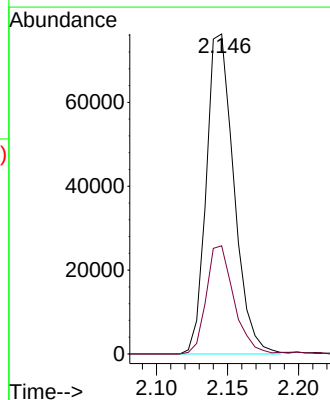
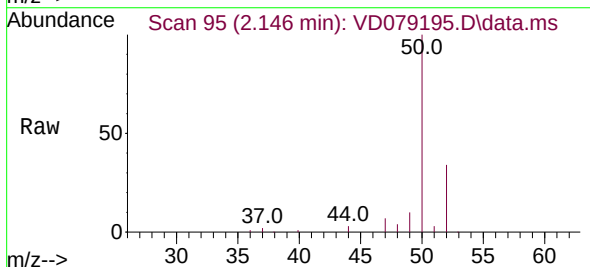
Instrument :
 MSVOA_D
 ClientSampleId :

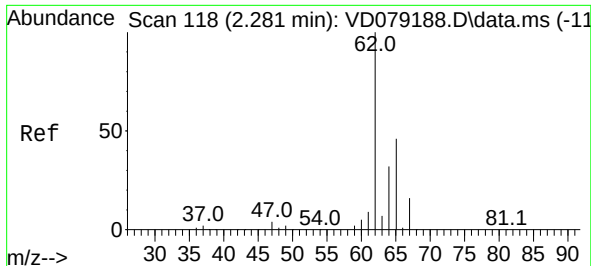
Tgt Ion: 85 Resp: 52889
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.2 39.4



#3
 Chloromethane
 Concen: 25.691 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079195.D
 Acq: 18 Jun 2024 09:12

Tgt Ion: 50 Resp: 103245
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.4 45.2

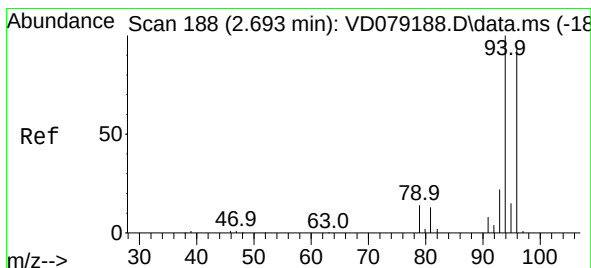
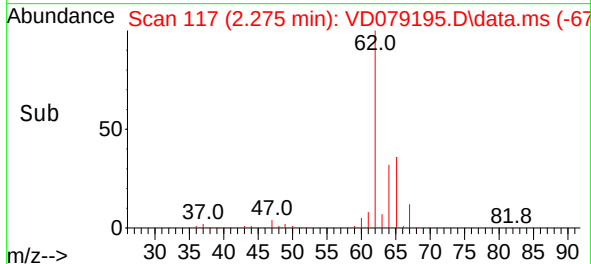
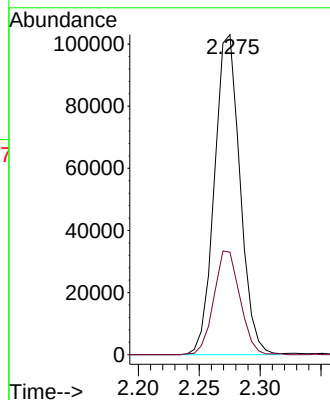
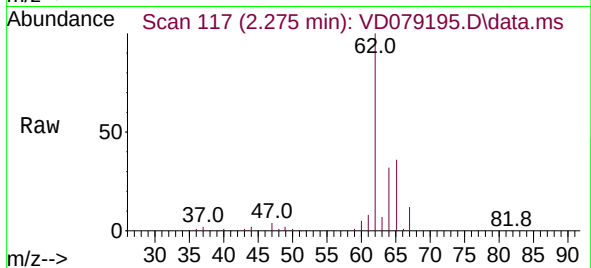




#5
 Vinyl chloride
 Concen: 22.722 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD079195.D
 Acq: 18 Jun 2024 09:12

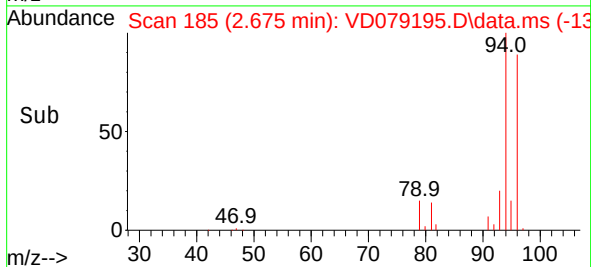
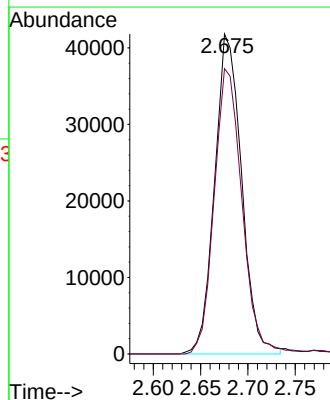
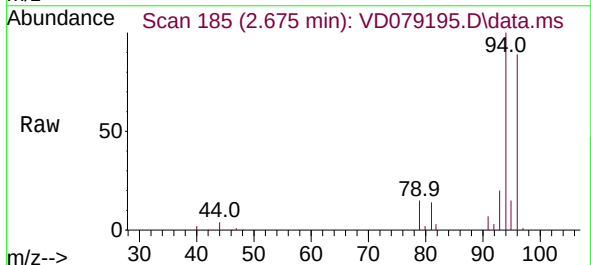
Instrument :
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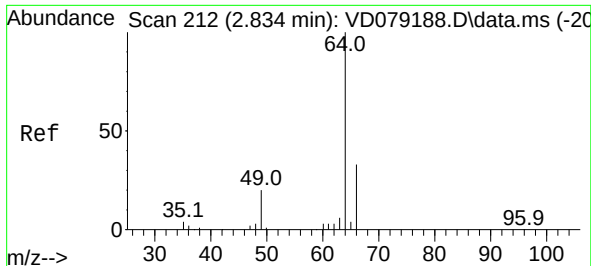
Tgt Ion: 62 Resp: 150715
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.8 46.1



#6
 Bromomethane
 Concen: 16.183 ug/L
 RT: 2.675 min Scan# 185
 Delta R.T. -0.018 min
 Lab File: VD079195.D
 Acq: 18 Jun 2024 09:12

Tgt Ion: 94 Resp: 82872
 Ion Ratio Lower Upper
 94 100
 96 89.2 63.6 118.2

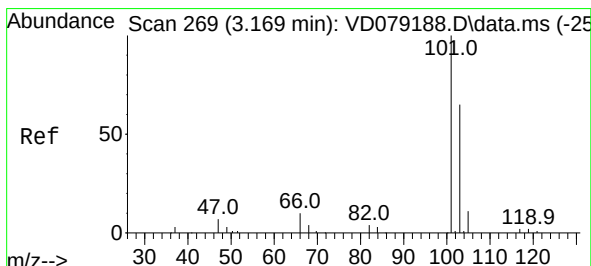
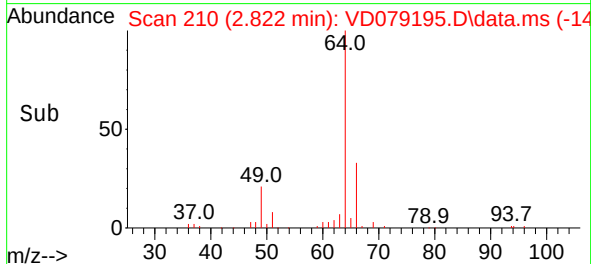
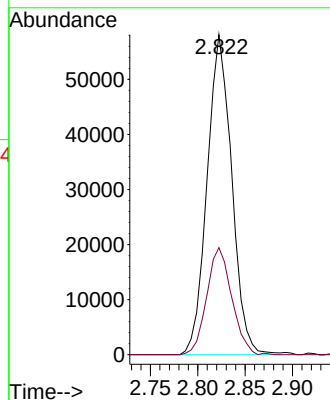
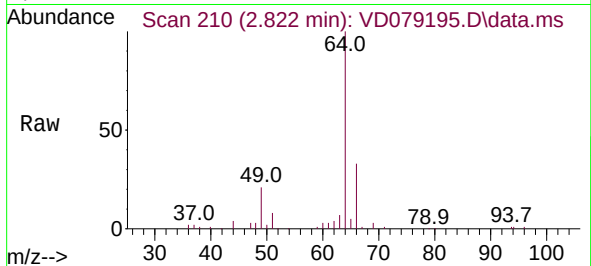




#8
Chloroethane
Concen: 21.628 ug/L
RT: 2.822 min Scan# 212
Delta R.T. -0.012 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

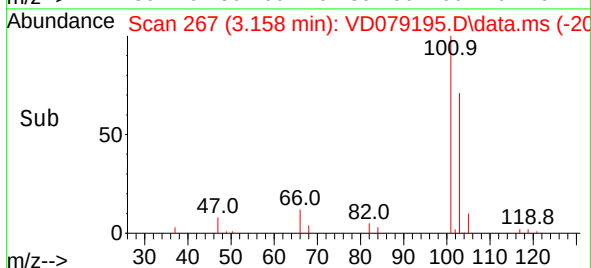
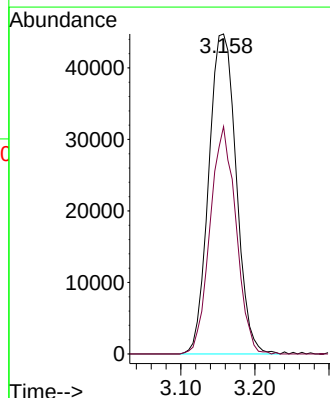
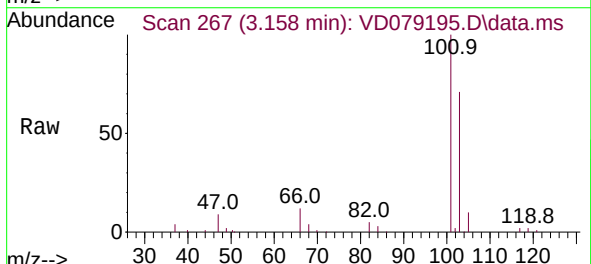
Instrument :
MSVOA_D
ClientSampleId :

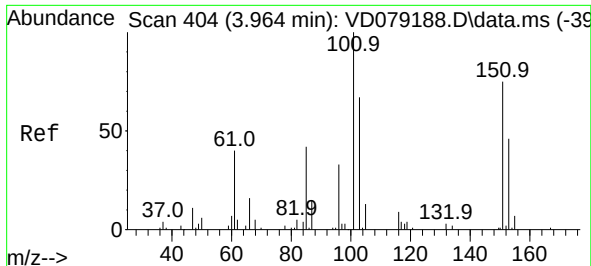
Tgt Ion: 64 Resp: 105147
Ion Ratio Lower Upper
64 100
66 33.4 24.8 46.1



#9
Trichlorofluoromethane
Concen: 22.788 ug/L
RT: 3.158 min Scan# 267
Delta R.T. -0.012 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion:101 Resp: 115147
Ion Ratio Lower Upper
101 100
103 67.0 52.6 79.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.809 ug/L

RT: 3.952 min Scan# 404

Delta R.T. -0.012 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :

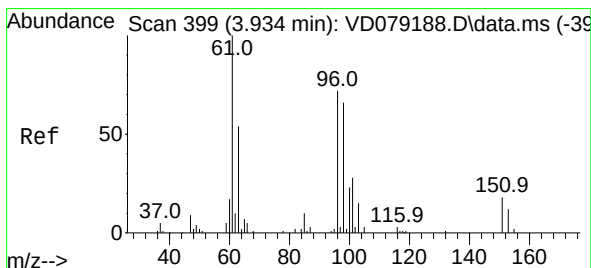
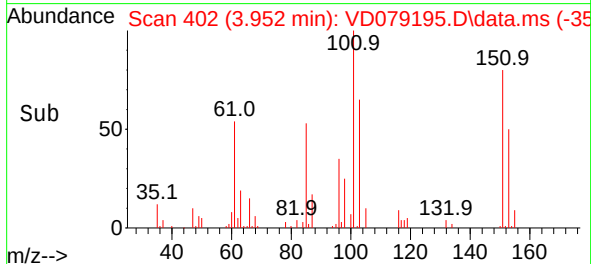
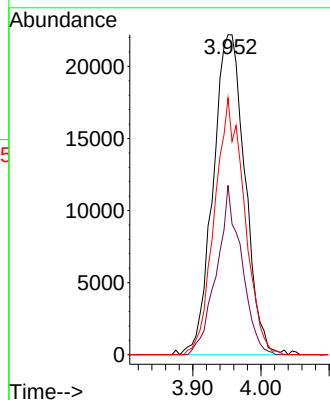
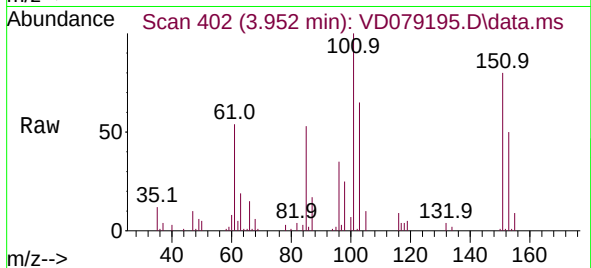
Tgt Ion:101 Resp: 72142

Ion Ratio Lower Upper

101 100

85 41.5 35.4 53.0

151 75.4 59.1 88.7



#12

1,1-Dichloroethene

Concen: 21.152 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.006 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

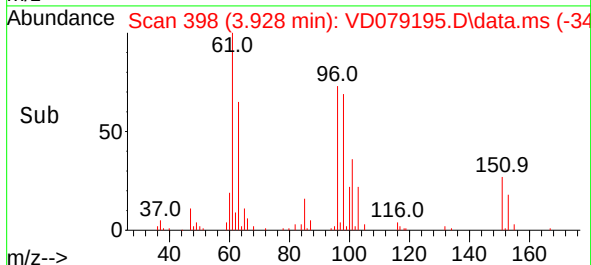
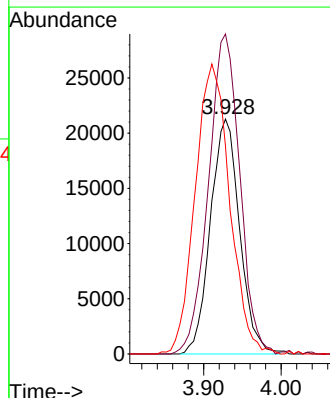
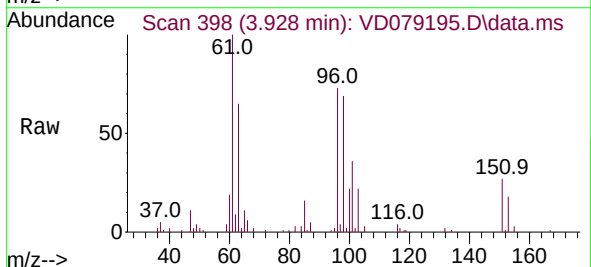
Tgt Ion: 96 Resp: 55797

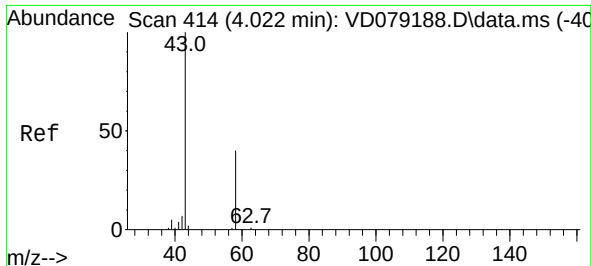
Ion Ratio Lower Upper

96 100

61 136.2 93.9 174.3

63 88.4 67.7 125.7

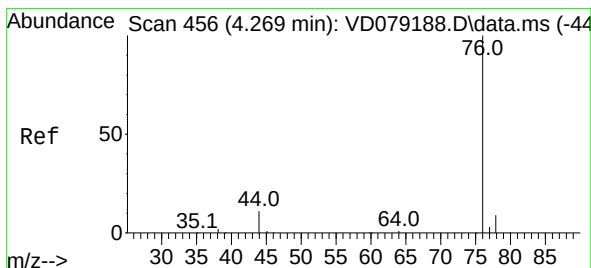
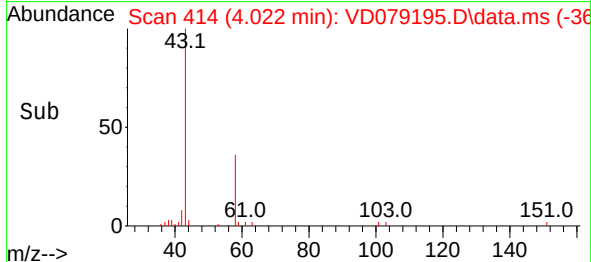
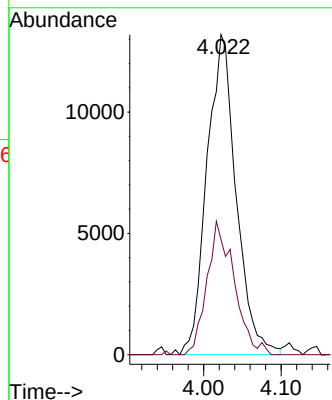
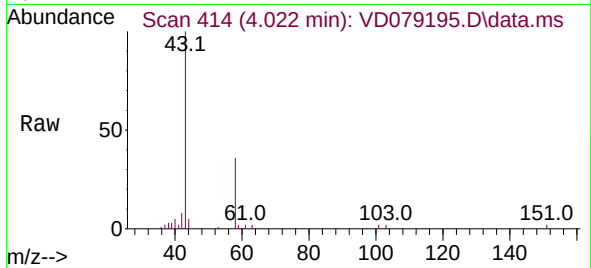




#13
Acetone
Concen: 53.263 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

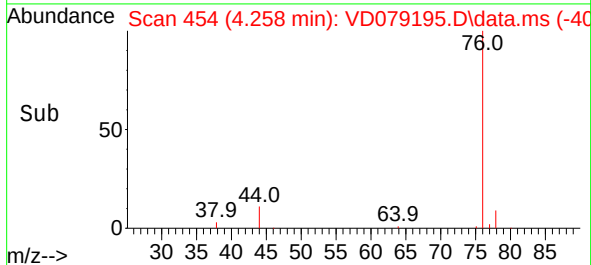
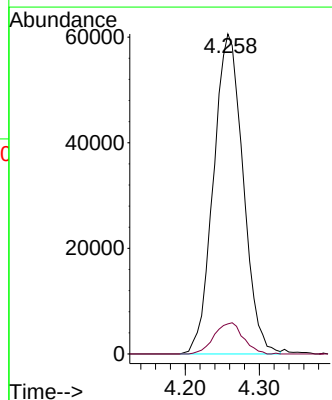
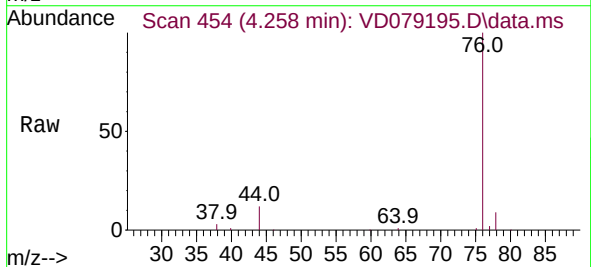
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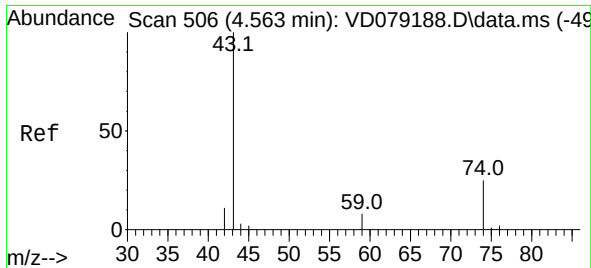
Tgt Ion: 43 Resp: 34571
Ion Ratio Lower Upper
43 100
58 38.2 0.0 78.2



#14
Carbon disulfide
Concen: 18.254 ug/L
RT: 4.258 min Scan# 454
Delta R.T. -0.012 min
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Tgt Ion: 76 Resp: 167976
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

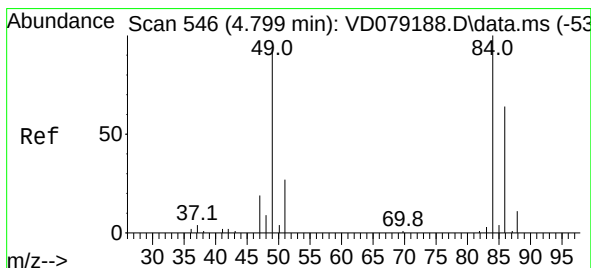
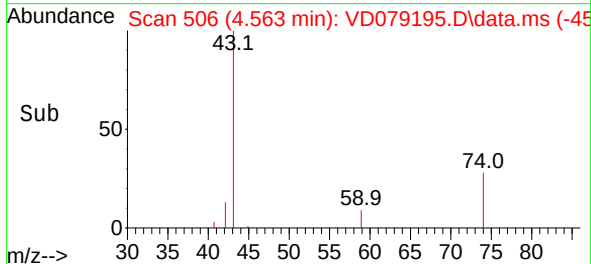
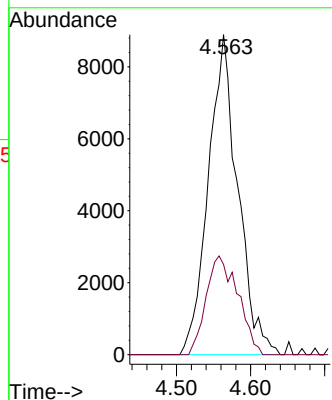
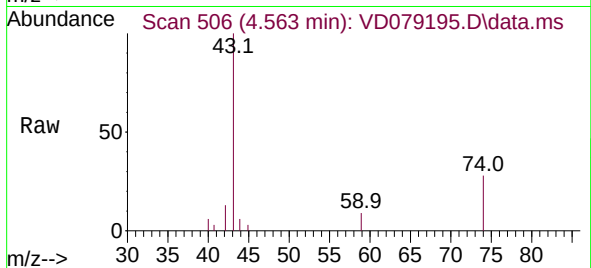




#15
Methyl Acetate
Concen: 27.769 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

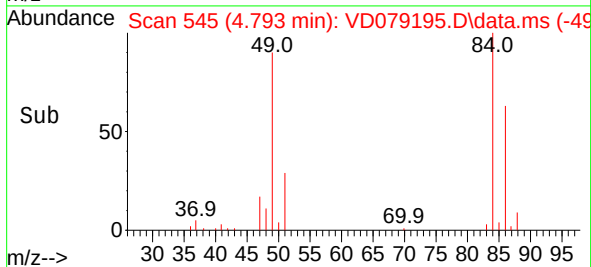
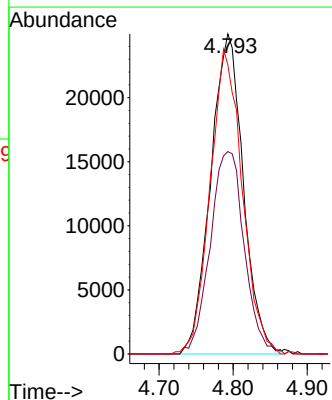
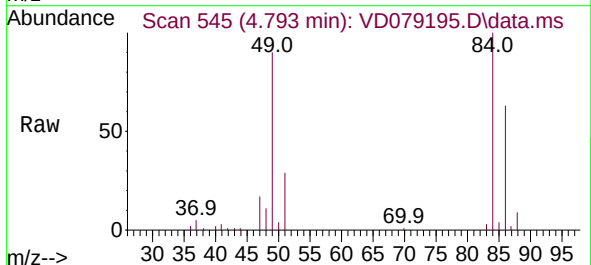
Instrument :
MSVOA_D
ClientSampleId :

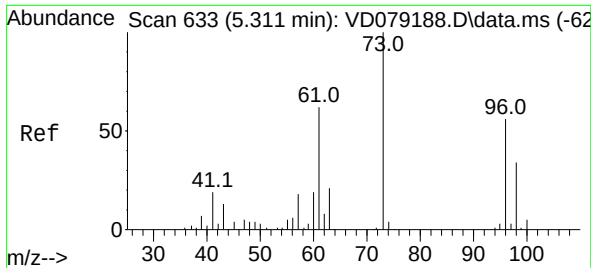
Tgt Ion: 43 Resp: 24558
Ion Ratio Lower Upper
43 100
74 33.4 23.8 35.6



#16
Methylene chloride
Concen: 22.484 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion: 84 Resp: 76310
Ion Ratio Lower Upper
84 100
86 63.3 40.9 76.0
49 90.2 67.5 125.3

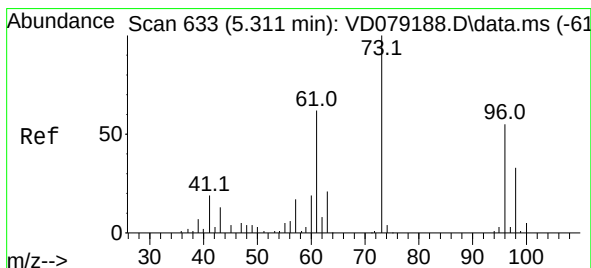
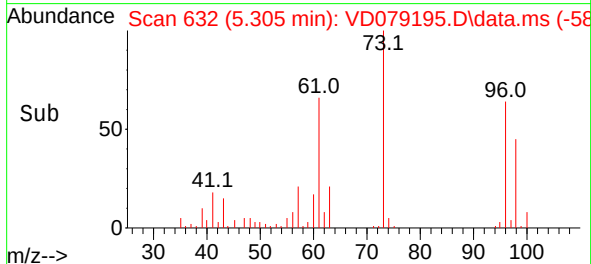
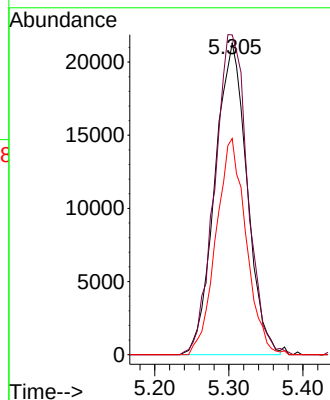
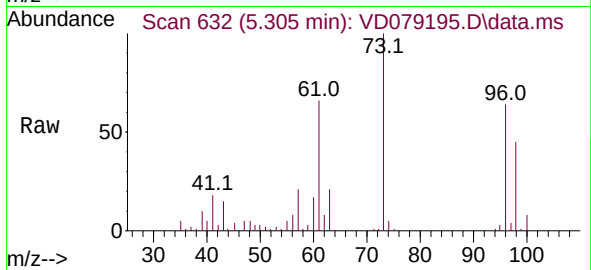




#17
trans-1,2-Dichloroethene
Concen: 22.488 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

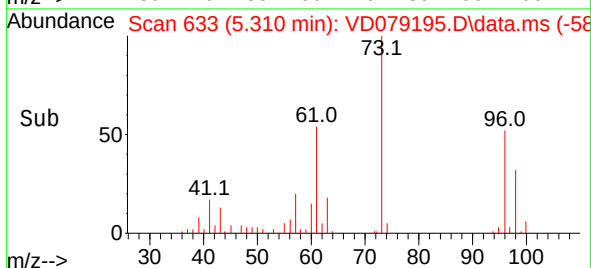
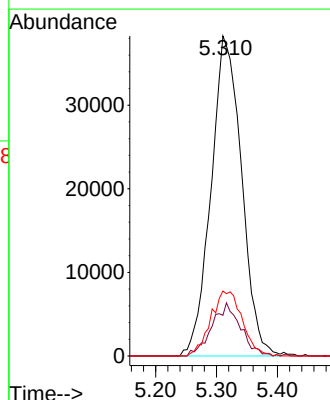
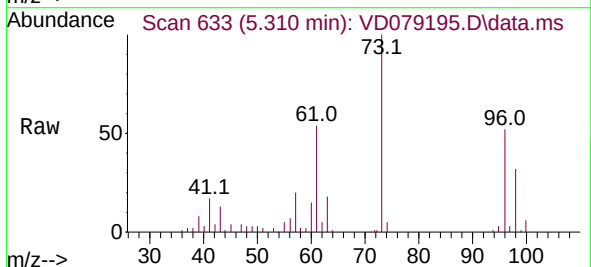
Instrument :
MSVOA_D
ClientSampleId :

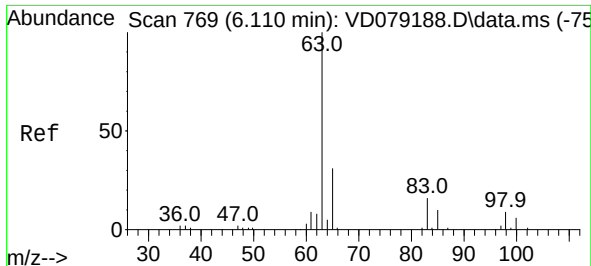
Tgt Ion: 96 Resp: 64107
Ion Ratio Lower Upper
96 100
61 102.7 71.9 133.5
98 69.4 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 26.364 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion: 73 Resp: 133298
Ion Ratio Lower Upper
73 100
43 7.9 12.0 18.0#
57 11.3 9.6 14.4





#19

1,1-Dichloroethane

Concen: 23.894 ug/L

RT: 6.104 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :

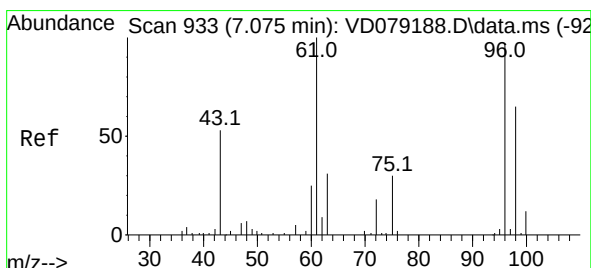
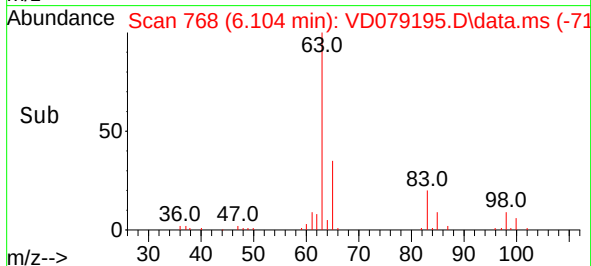
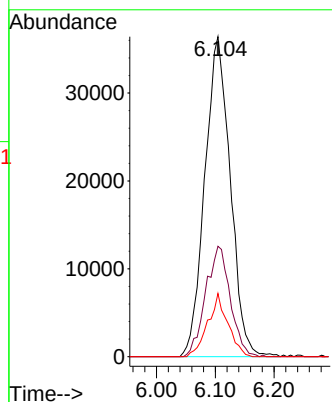
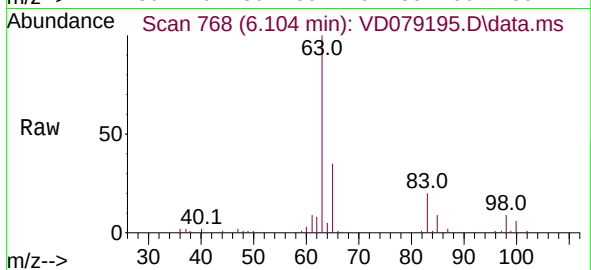
Tgt Ion: 63 Resp: 109669

Ion Ratio Lower Upper

63 100

65 34.5 22.8 42.4

83 19.7 8.6 16.0#



#20

cis-1,2-Dichloroethene

Concen: 25.635 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

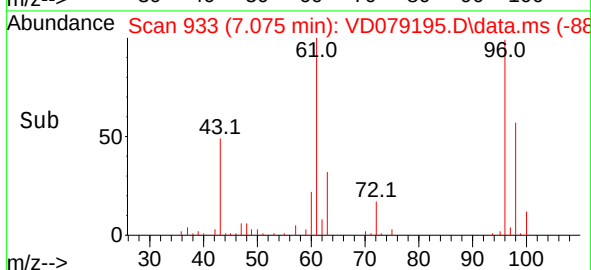
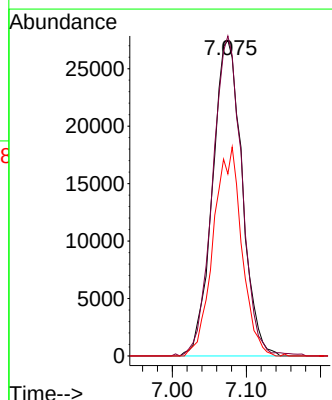
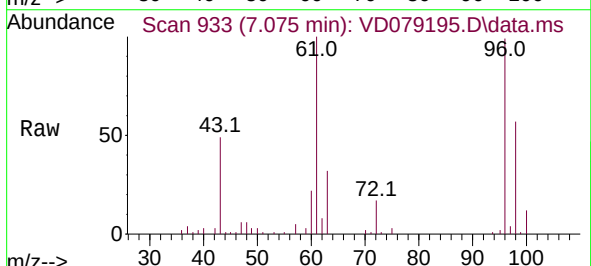
Tgt Ion: 96 Resp: 76096

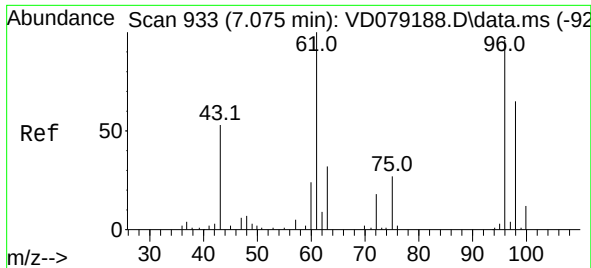
Ion Ratio Lower Upper

96 100

61 101.4 72.6 134.8

98 57.7 43.8 81.3

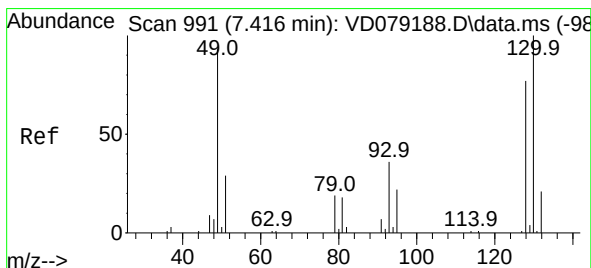
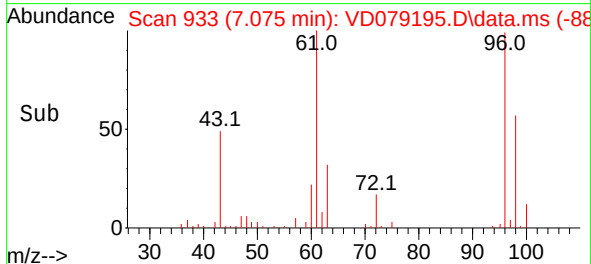
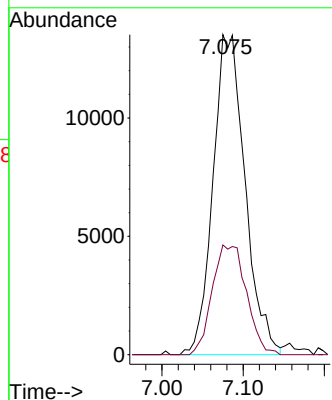
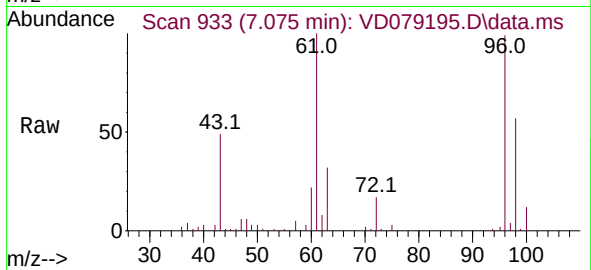




#22
2-Butanone
Concen: 54.445 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

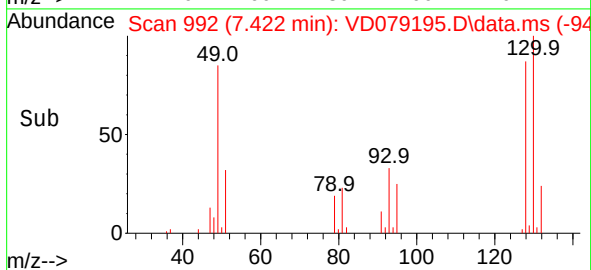
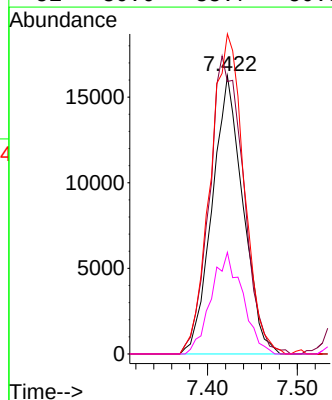
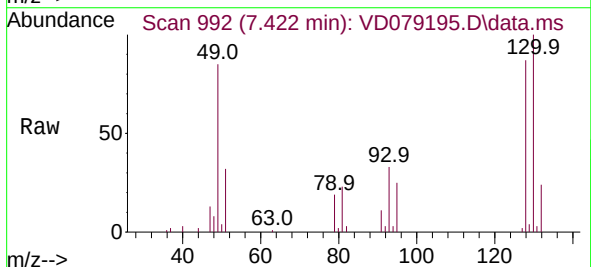
Instrument :
MSVOA_D
ClientSampleId :

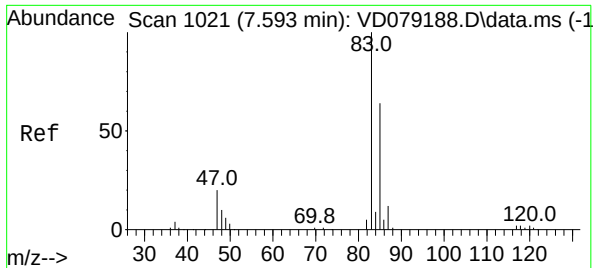
Tgt Ion: 43 Resp: 37123
Ion Ratio Lower Upper
43 100
72 18.5 19.3 57.8#



#23
Bromochloromethane
Concen: 25.748 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion:128 Resp: 38749
Ion Ratio Lower Upper
128 100
49 98.0 81.8 151.8
130 115.1 90.4 167.8
51 36.6 33.7 50.5

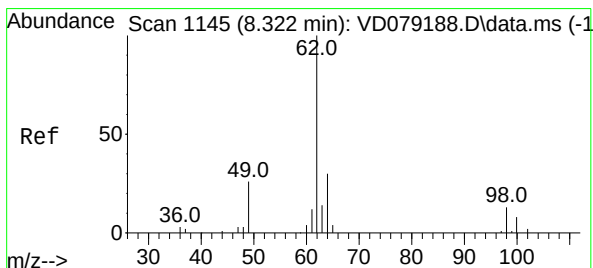
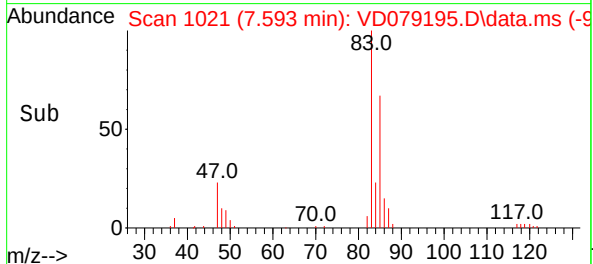
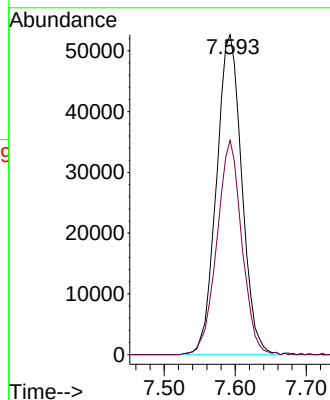
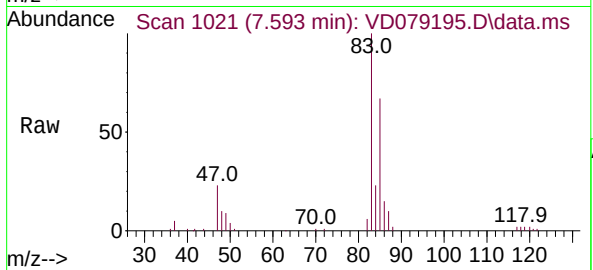




#25
Chloroform
Concen: 24.983 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

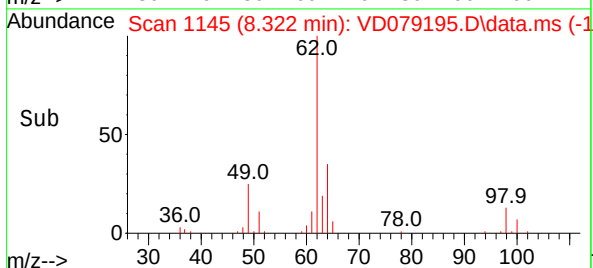
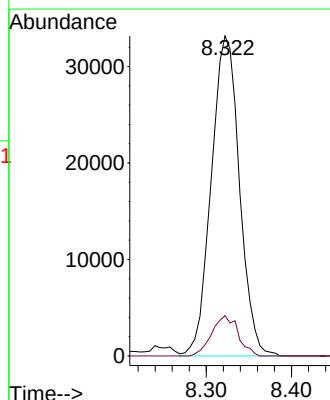
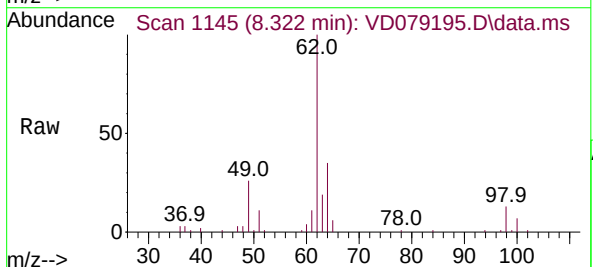
Instrument :
MSVOA_D
ClientSampleId :

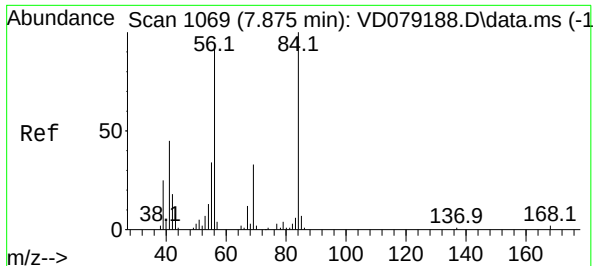
Tgt Ion: 83 Resp: 130188
Ion Ratio Lower Upper
83 100
85 67.0 47.9 89.1



#27
1,2-Dichloroethane
Concen: 25.256 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

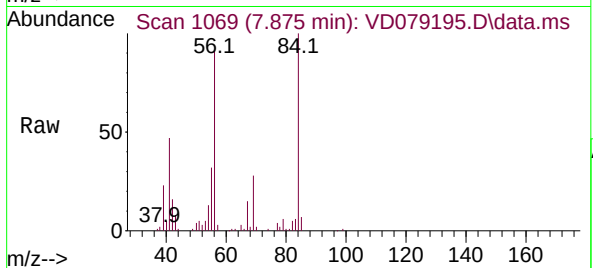
Tgt Ion: 62 Resp: 76400
Ion Ratio Lower Upper
62 100
98 12.6 8.2 12.4#





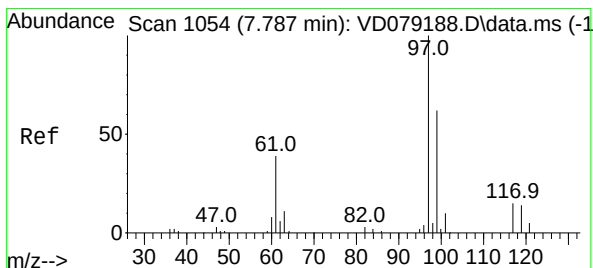
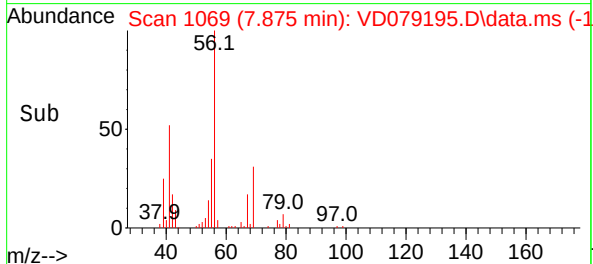
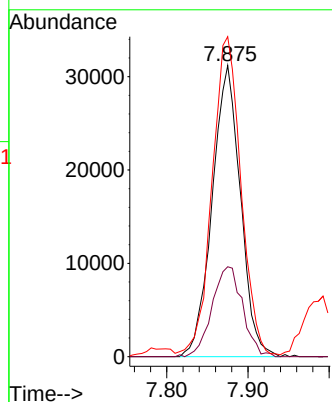
#29
Cyclohexane
Concen: 22.202 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 56 Resp: 75584

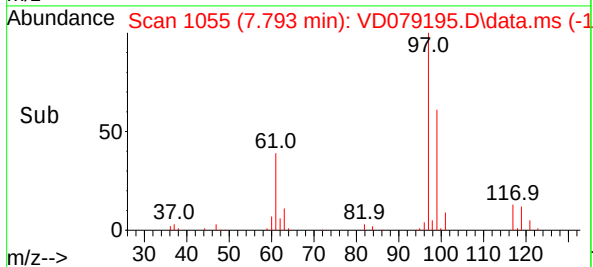
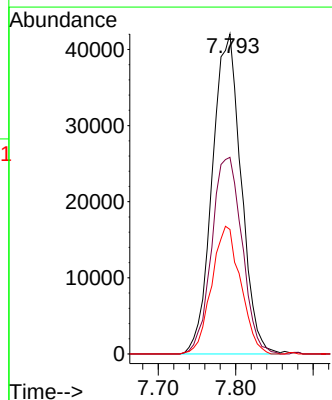
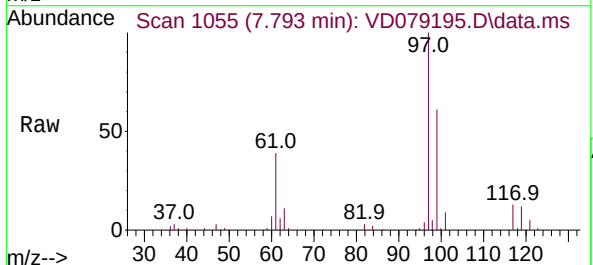
Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.6	40.0
84	112.6	87.5	131.3

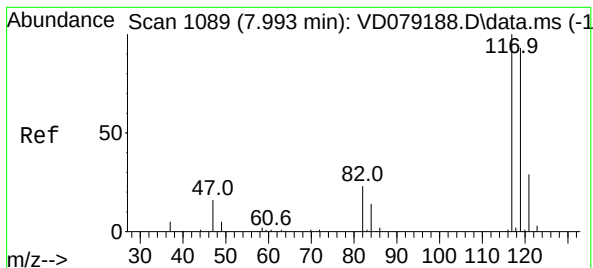


#30
1,1,1-Trichloroethane
Concen: 24.359 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion: 97 Resp: 108818

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	40.2	31.7	47.5





#31

Carbon tetrachloride

Concen: 23.965 ug/L

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

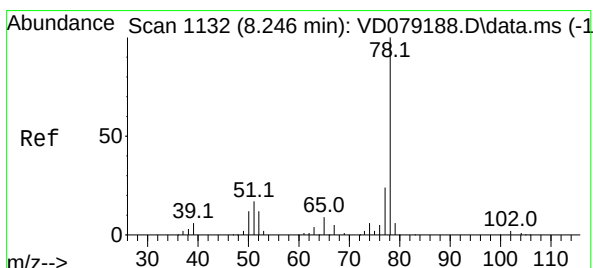
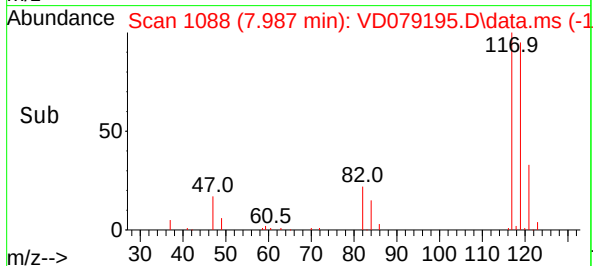
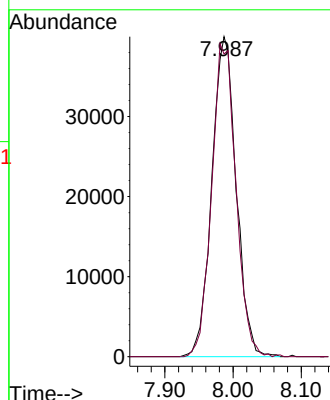
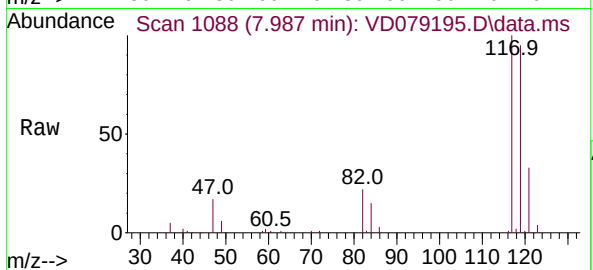
ClientSampleId :

Tgt Ion:117 Resp: 99487

Ion Ratio Lower Upper

117 100

119 97.3 79.6 119.4



#33

Benzene

Concen: 25.106 ug/L

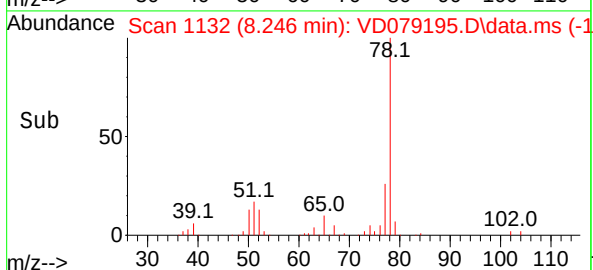
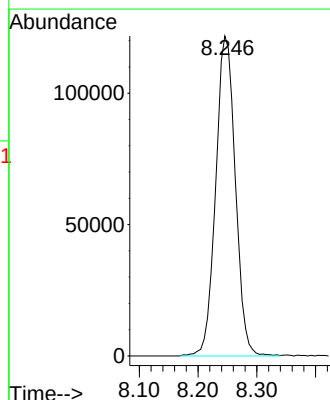
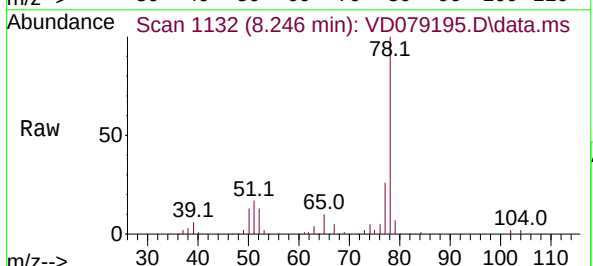
RT: 8.246 min Scan# 1132

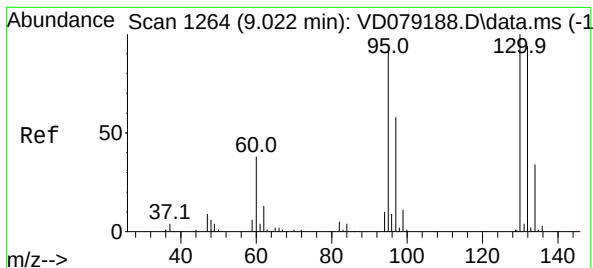
Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Tgt Ion: 78 Resp: 282148





#34

Trichloroethene

Concen: 23.850 ug/L

RT: 9.022 min Scan# 11

Delta R.T. -0.000 min

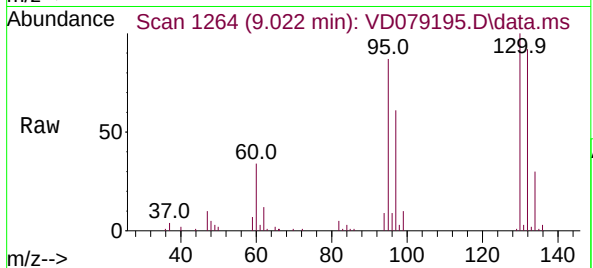
Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 69034

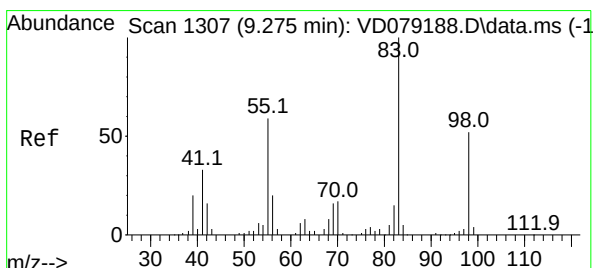
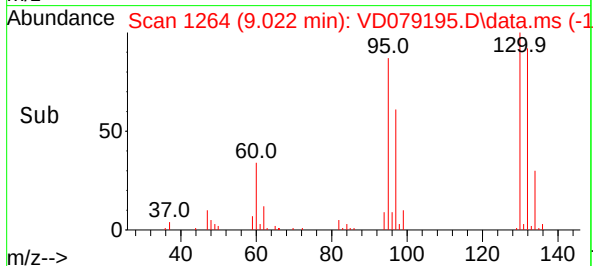
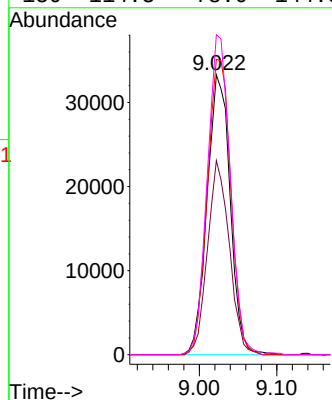
Ion Ratio Lower Upper

95 100

97 69.3 44.6 82.8

132 105.5 74.9 139.1

130 114.3 78.0 144.8



#35

Methylcyclohexane

Concen: 22.721 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

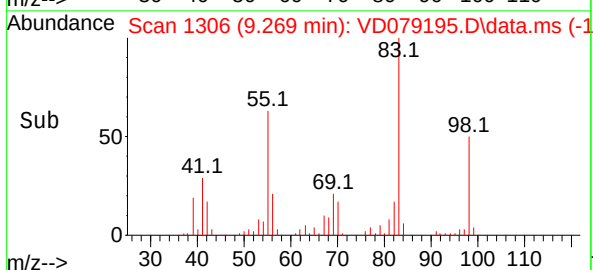
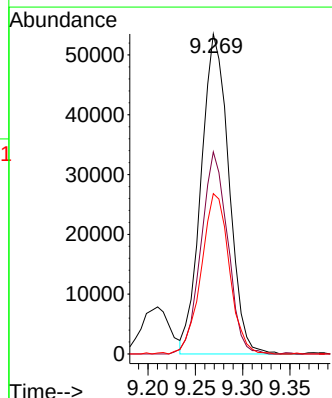
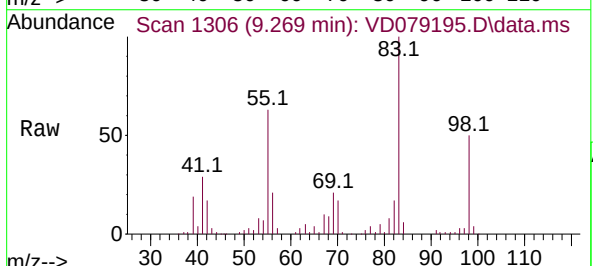
Tgt Ion: 83 Resp: 108973

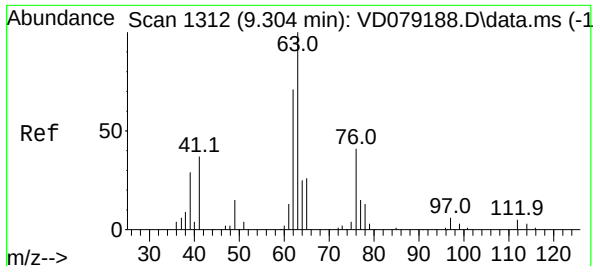
Ion Ratio Lower Upper

83 100

55 60.3 48.6 72.8

98 50.6 40.2 60.2

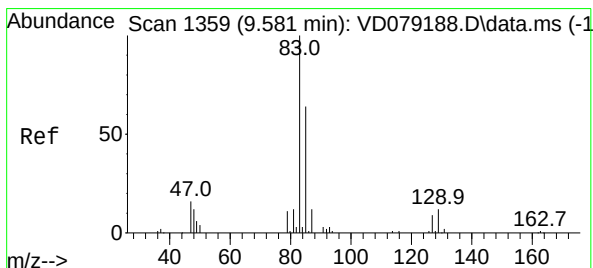
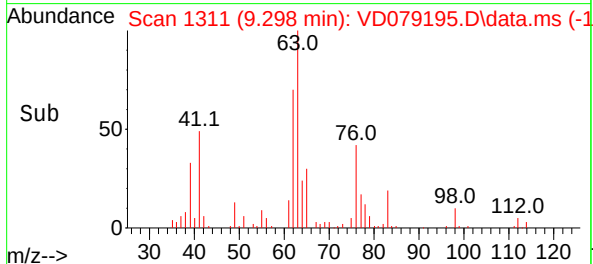
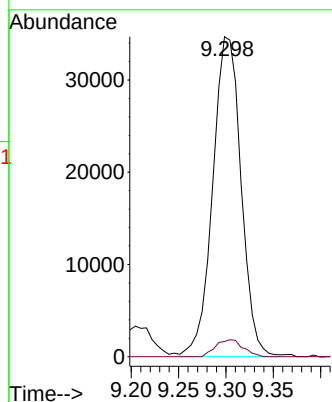
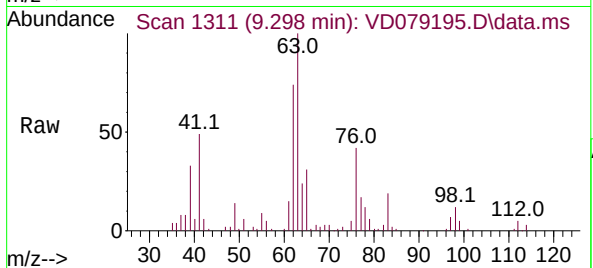




#37
1,2-Dichloropropane
Concen: 26.218 ug/L
RT: 9.298 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

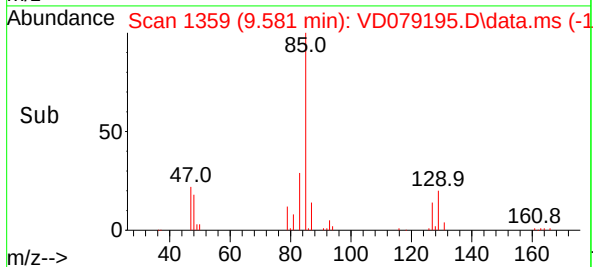
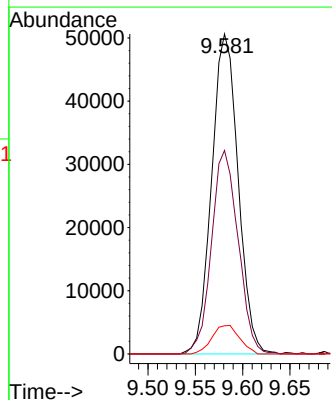
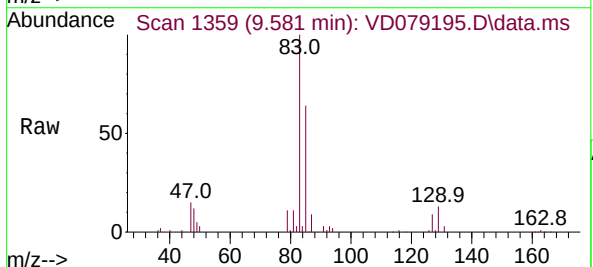
Instrument :
MSVOA_D
ClientSampleId :

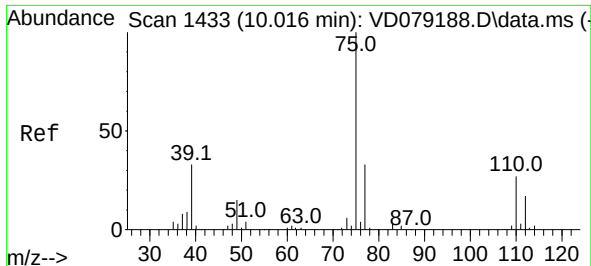
Tgt Ion: 63 Resp: 72169
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 25.686 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion: 83 Resp: 98290
Ion Ratio Lower Upper
83 100
85 63.6 46.5 86.5
127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 25.087 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

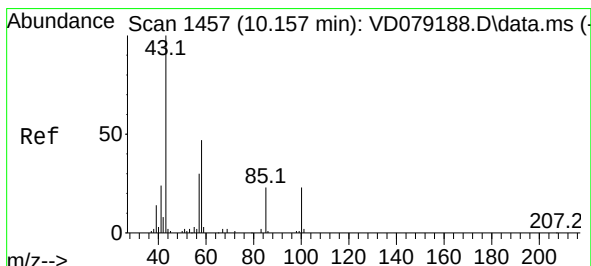
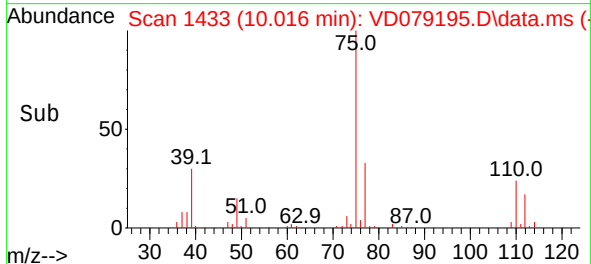
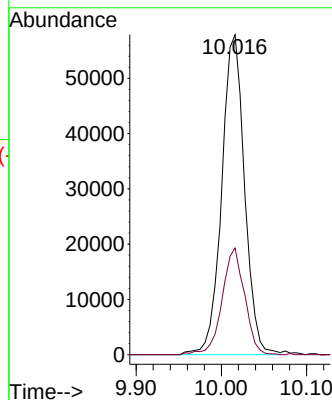
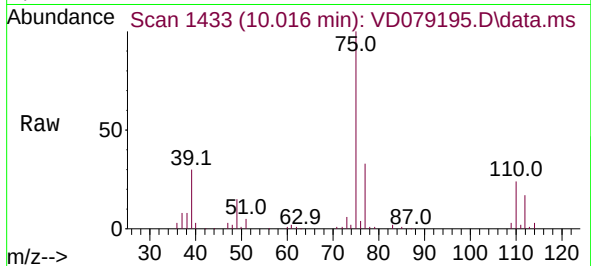
ClientSampleId :

Tgt Ion: 75 Resp: 107802

Ion Ratio Lower Upper

75 100

77 33.3 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 62.293 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

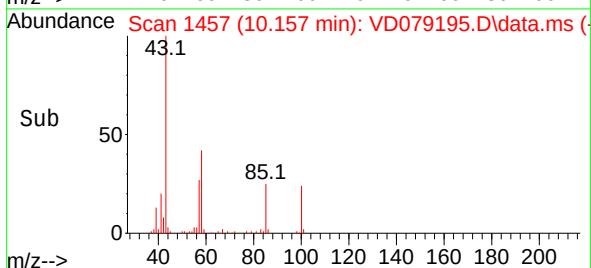
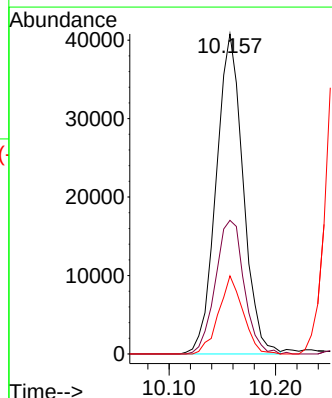
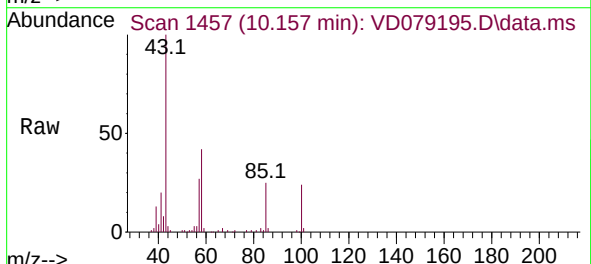
Tgt Ion: 43 Resp: 71581

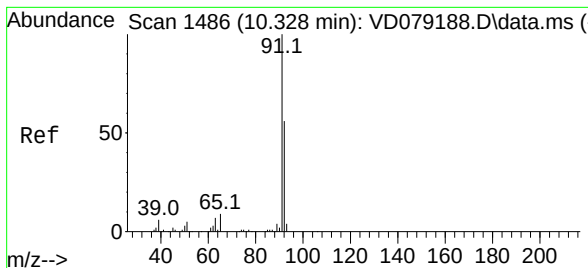
Ion Ratio Lower Upper

43 100

58 44.2 34.0 51.0

100 22.0 16.9 25.3





#42

Toluene

Concen: 25.186 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

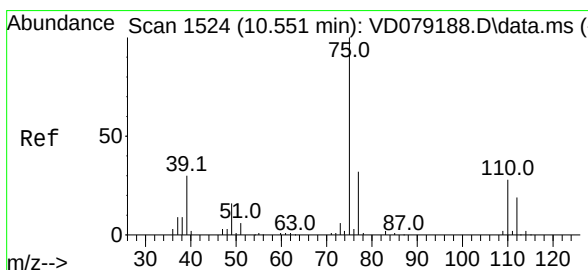
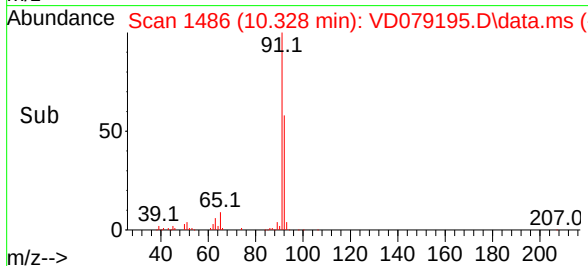
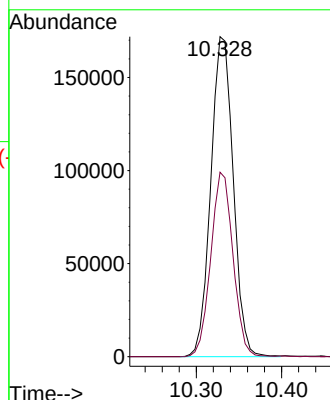
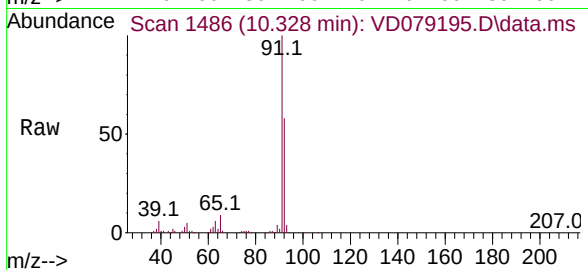
ClientSampleId :

Tgt Ion: 91 Resp: 314303

Ion Ratio Lower Upper

91 100

92 57.7 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 27.116 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079195.D

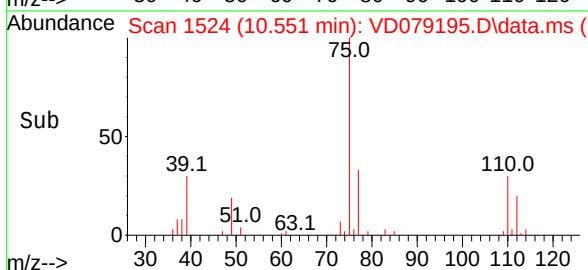
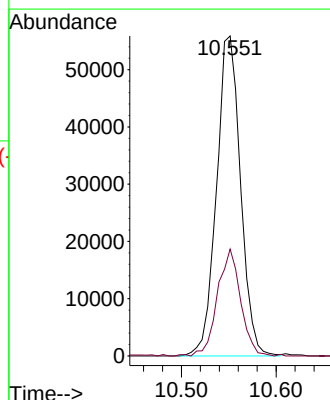
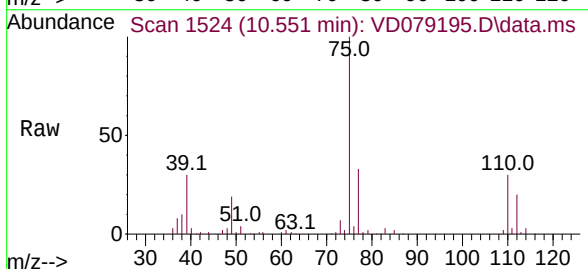
Acq: 18 Jun 2024 09:12

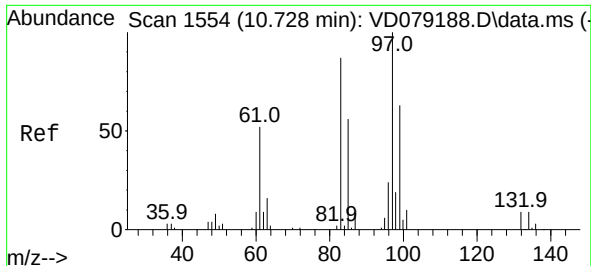
Tgt Ion: 75 Resp: 98531

Ion Ratio Lower Upper

75 100

77 33.4 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 26.788 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

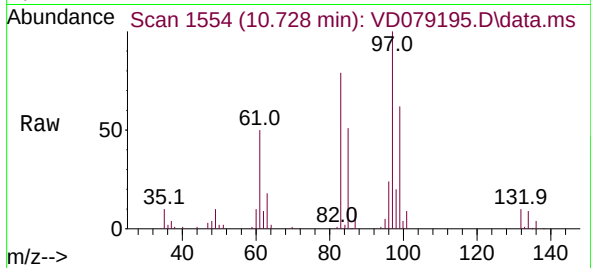
Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 64692

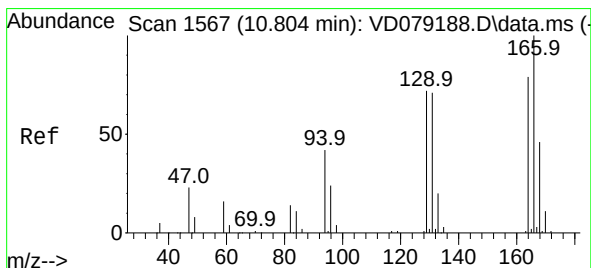
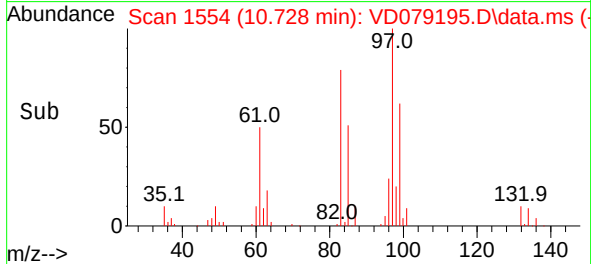
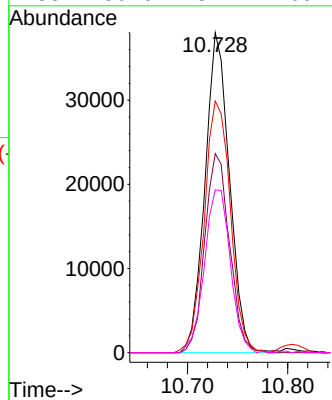
Ion Ratio Lower Upper

97 100

99 62.2 43.0 79.8

83 78.6 58.9 109.5

85 50.9 37.2 69.2



#46

Tetrachloroethene

Concen: 24.192 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Tgt Ion:164 Resp: 61656

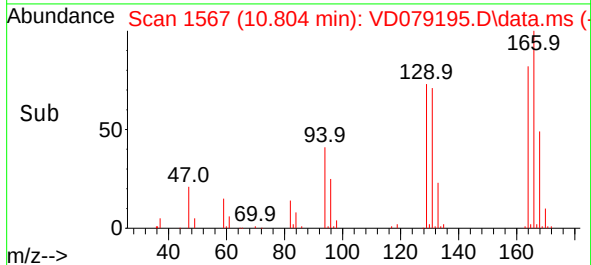
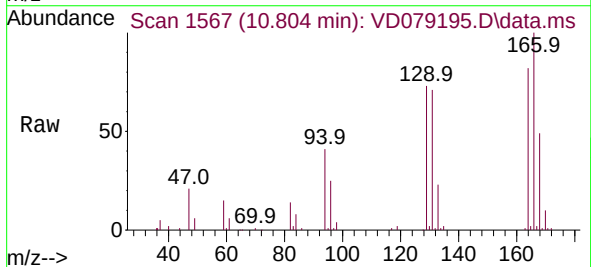
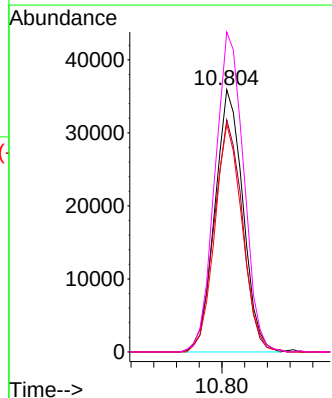
Ion Ratio Lower Upper

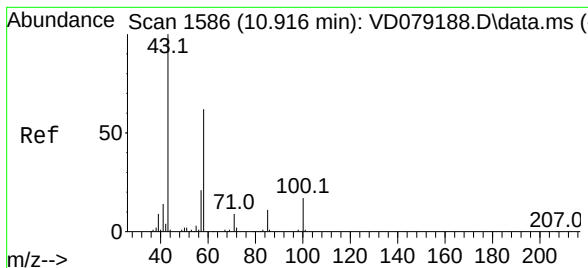
164 100

129 88.6 64.3 119.5

131 86.9 61.2 113.8

166 122.0 90.0 167.2





#48

2-Hexanone

Concen: 60.237 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.000 min

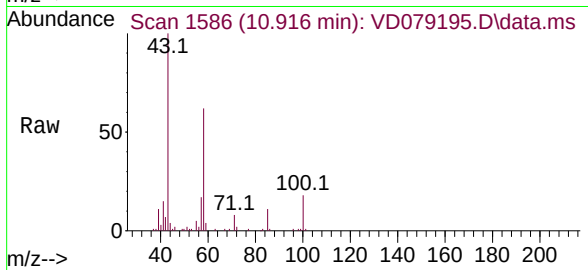
Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 59896

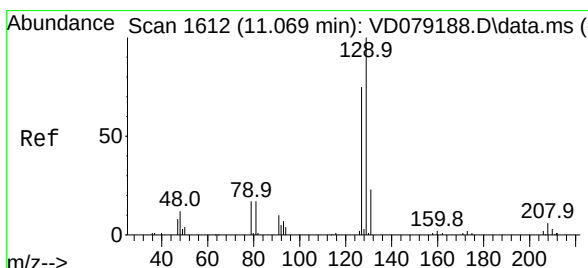
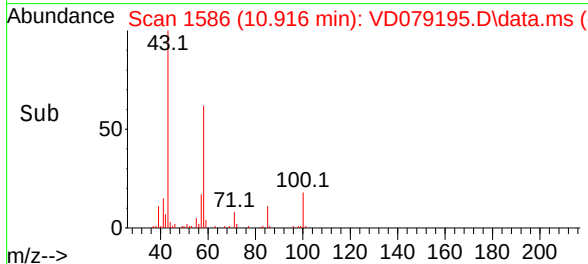
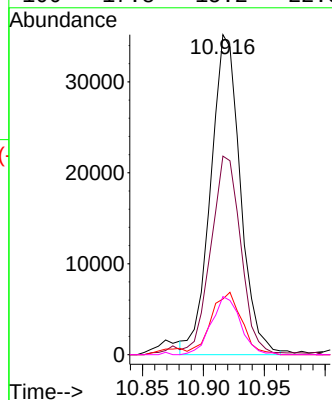
Ion Ratio Lower Upper

43 100

58 62.5 50.1 75.1

57 20.0 16.5 24.7

100 17.8 15.2 22.8



#49

Dibromochloromethane

Concen: 27.267 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VD079195.D

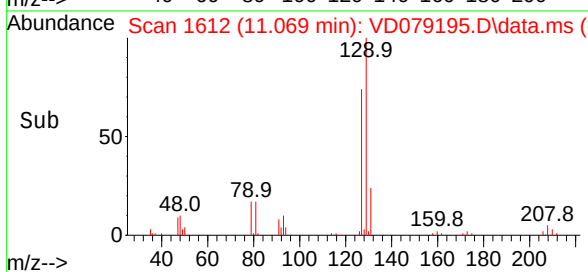
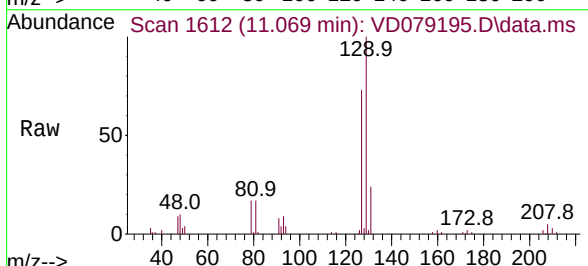
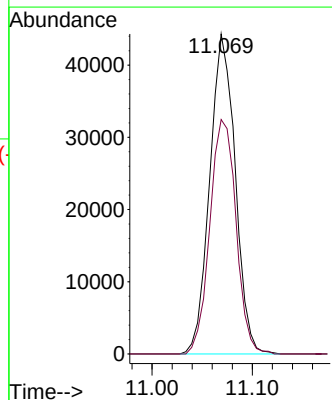
Acq: 18 Jun 2024 09:12

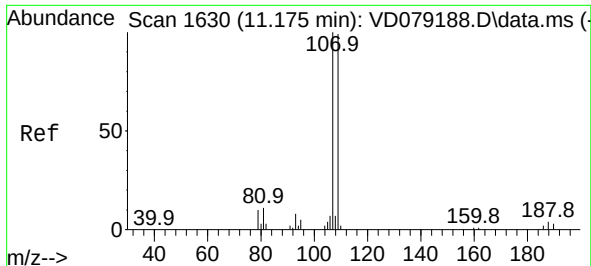
Tgt Ion:129 Resp: 77977

Ion Ratio Lower Upper

129 100

127 73.3 56.4 104.7





#50

1,2-Dibromoethane

Concen: 27.159 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :

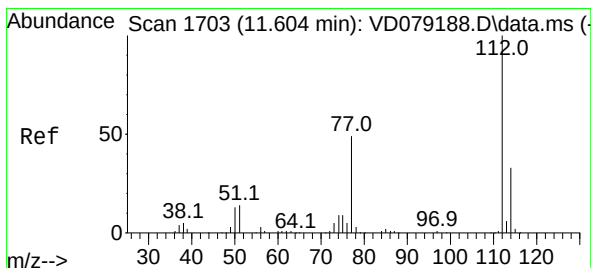
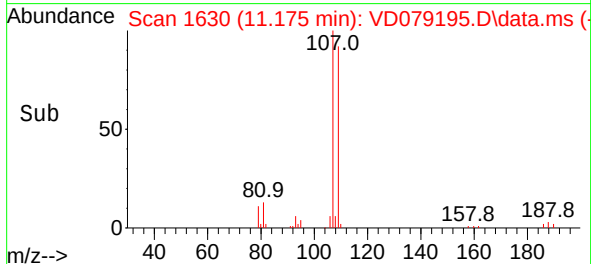
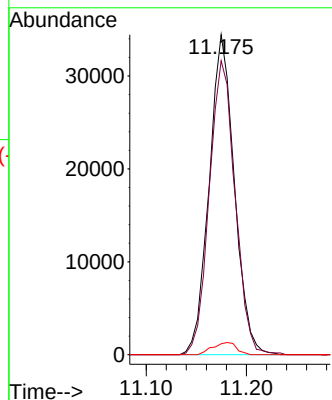
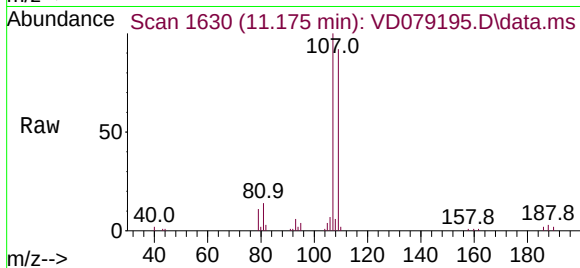
Tgt Ion:107 Resp: 60276

Ion Ratio Lower Upper

107 100

109 91.9 64.5 119.7

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 25.531 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

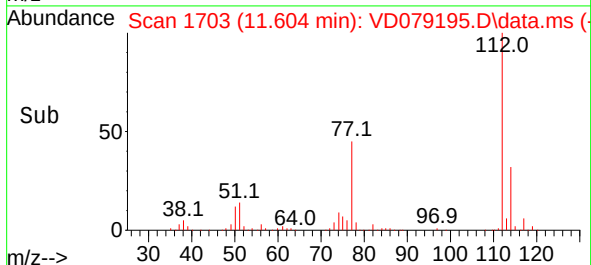
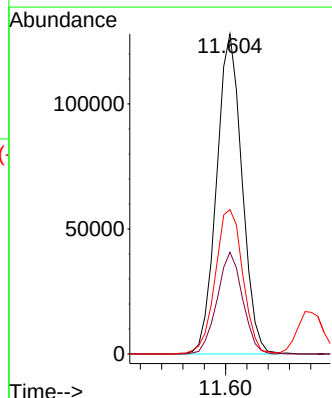
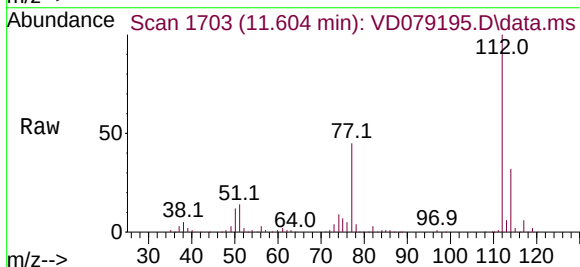
Tgt Ion:112 Resp: 211987

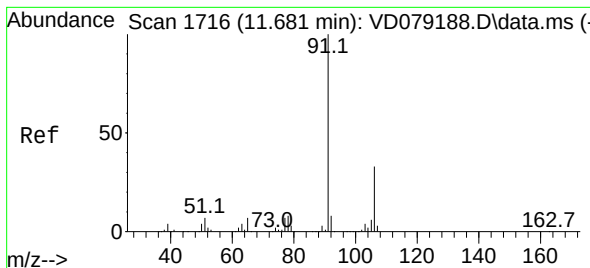
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.3

77 45.1 38.4 57.6





#52

Ethylbenzene

Concen: 25.411 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

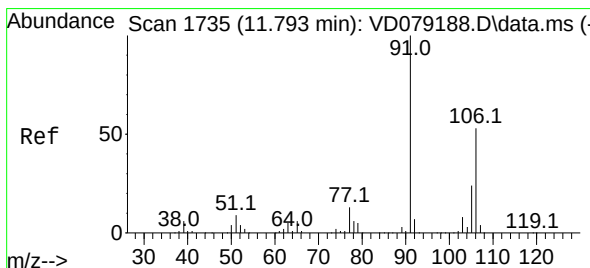
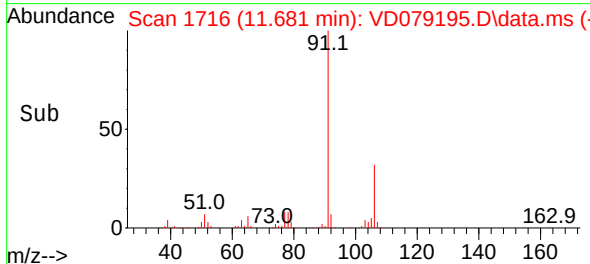
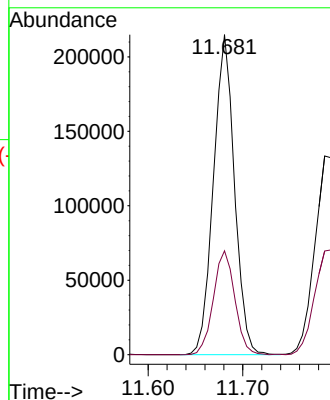
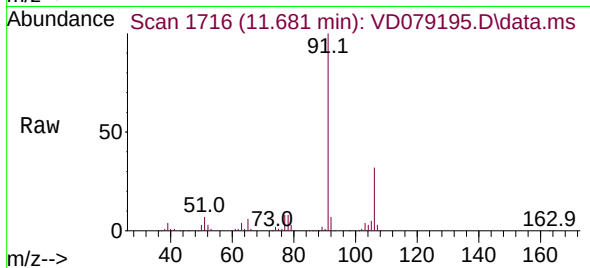
ClientSampleId :

Tgt Ion: 91 Resp: 330770

Ion Ratio Lower Upper

91 100

106 32.5 22.3 41.5



#53

m,p-Xylene

Concen: 26.222 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079195.D

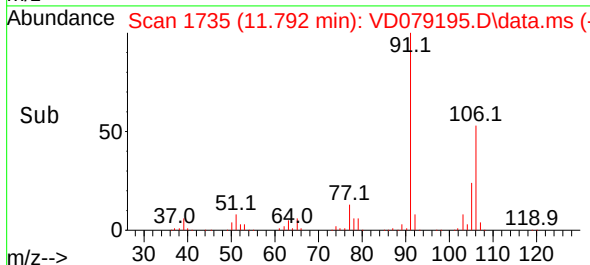
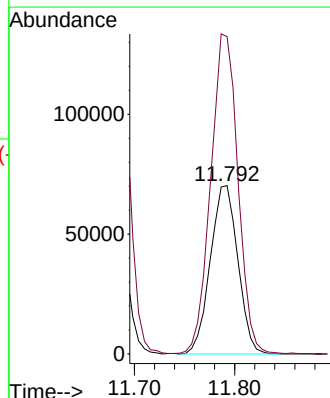
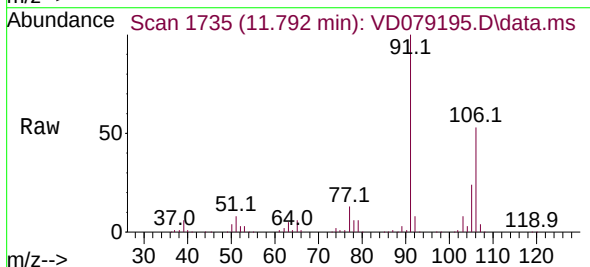
Acq: 18 Jun 2024 09:12

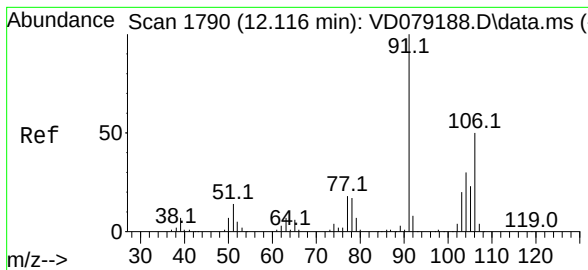
Tgt Ion:106 Resp: 133919

Ion Ratio Lower Upper

106 100

91 188.5 133.1 247.1

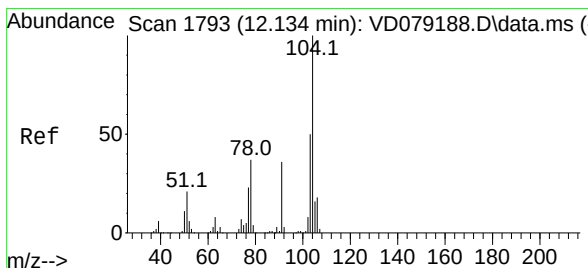
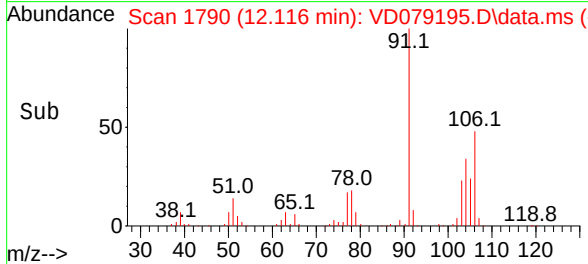
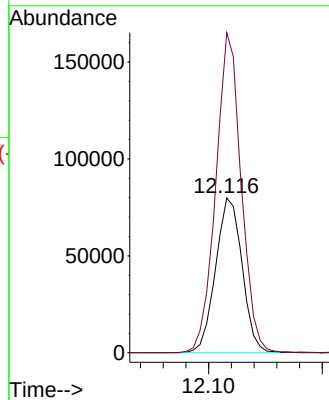
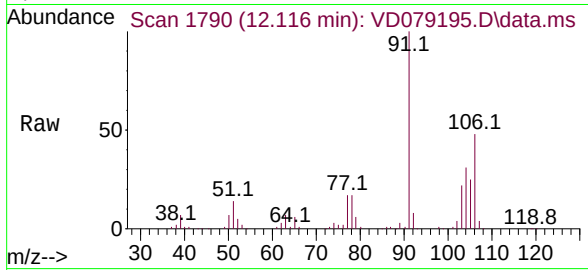




#54
o-Xylene
Concen: 26.217 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

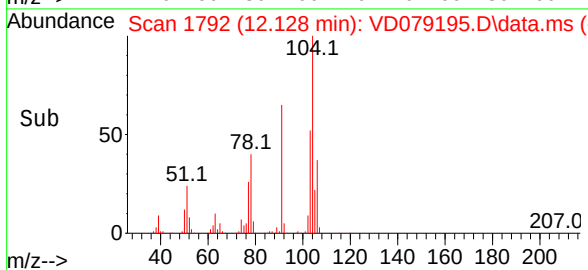
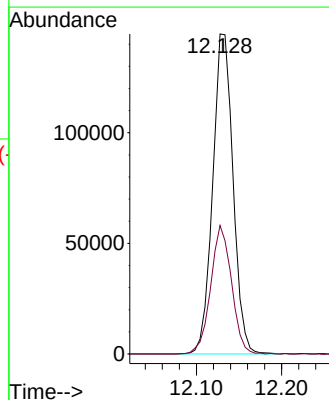
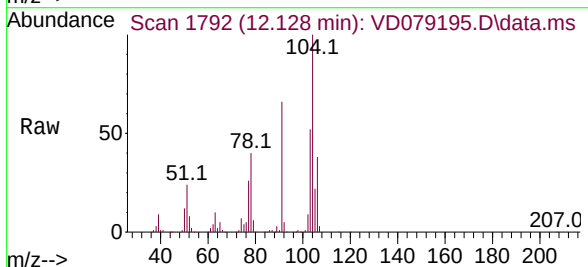
Instrument :
MSVOA_D
ClientSampleId :

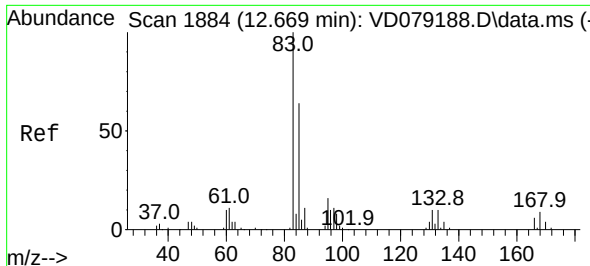
Tgt Ion:106 Resp: 129359
Ion Ratio Lower Upper
106 100
91 206.9 132.9 246.9



#55
Styrene
Concen: 27.425 ug/L
RT: 12.128 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion:104 Resp: 239936
Ion Ratio Lower Upper
104 100
78 40.2 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 29.015 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :

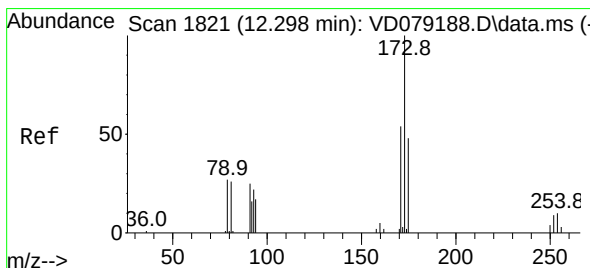
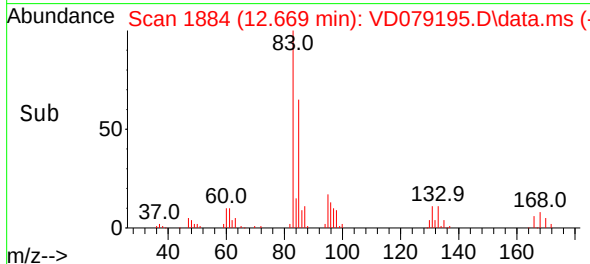
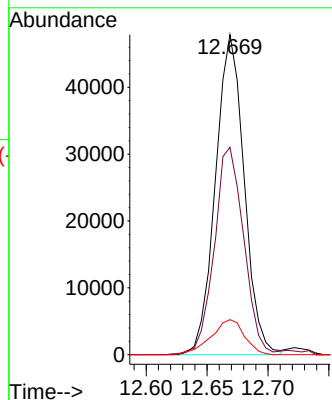
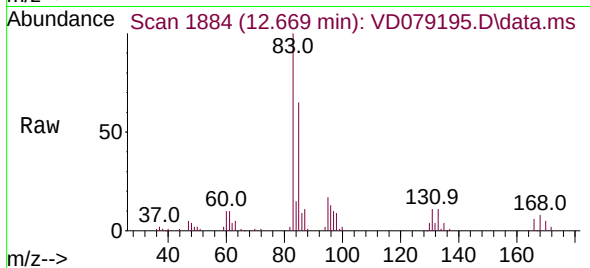
Tgt Ion: 83 Resp: 78434

Ion Ratio Lower Upper

83 100

85 64.8 47.5 88.1

131 11.0 8.6 13.0



#59

Bromoform

Concen: 26.120 ug/L

RT: 12.292 min Scan# 1820

Delta R.T. -0.006 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

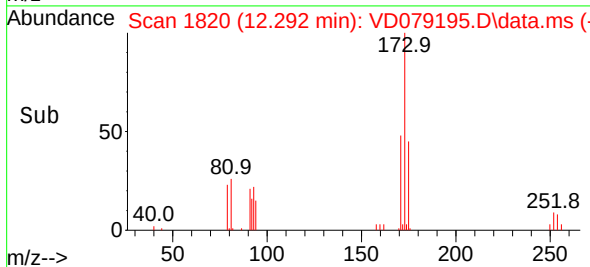
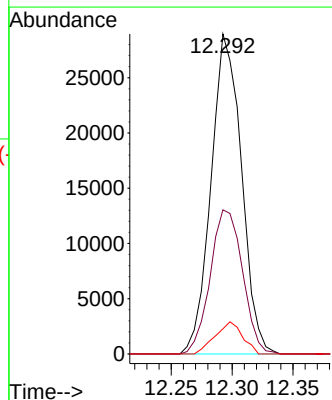
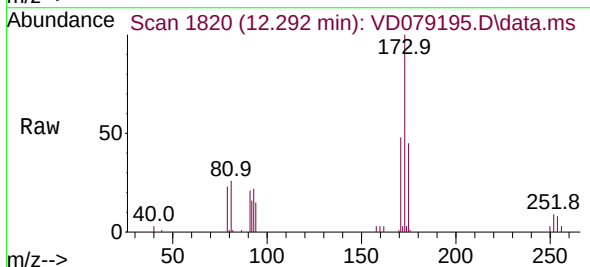
Tgt Ion:173 Resp: 50321

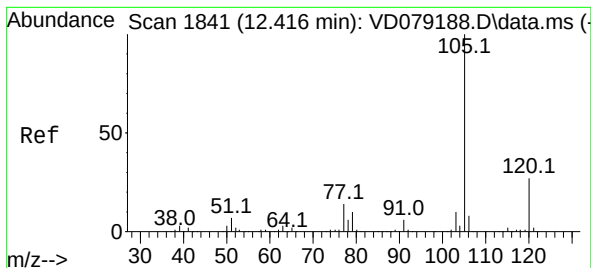
Ion Ratio Lower Upper

173 100

175 47.8 38.2 57.4

254 9.0 7.0 10.6





#60

Isopropylbenzene

Concen: 24.442 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :

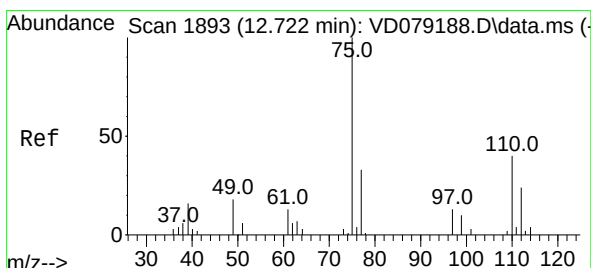
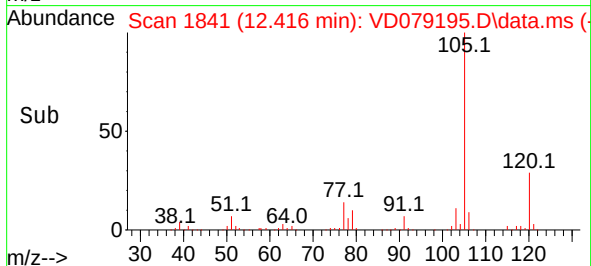
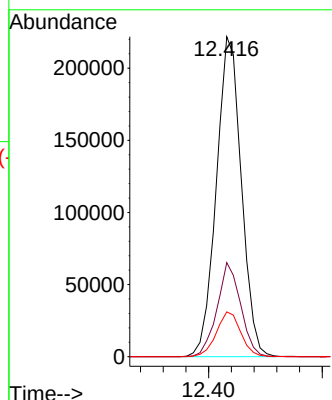
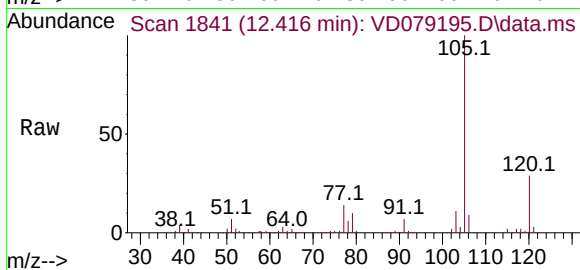
Tgt Ion:105 Resp: 339717

Ion Ratio Lower Upper

105 100

120 27.7 21.9 32.9

77 13.7 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 27.523 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

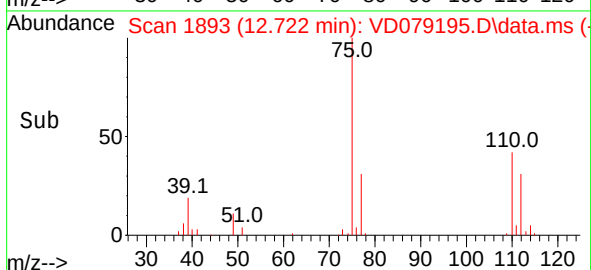
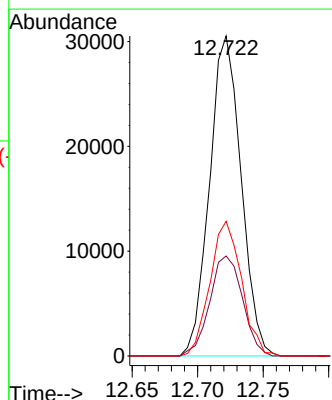
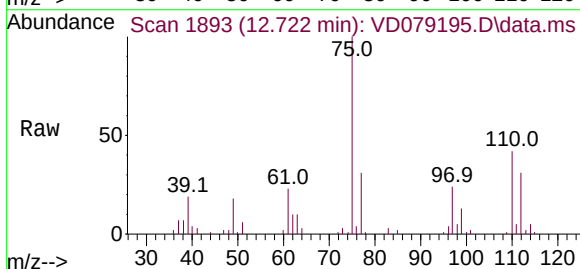
Tgt Ion: 75 Resp: 51078

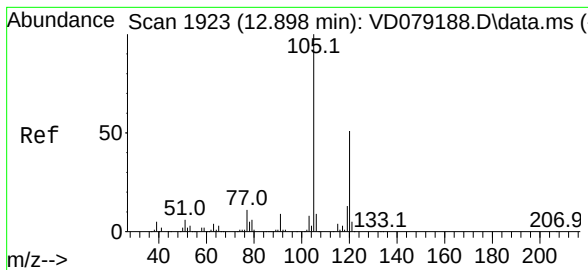
Ion Ratio Lower Upper

75 100

77 32.5 25.9 38.9

110 42.1 34.2 51.4

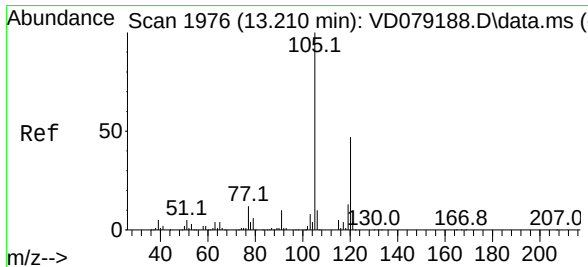
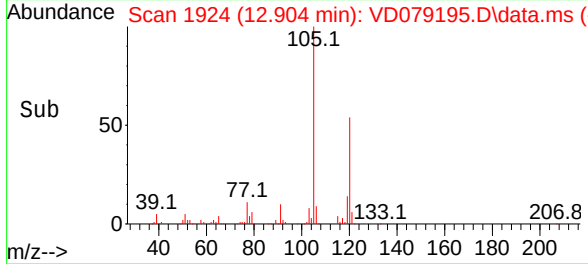
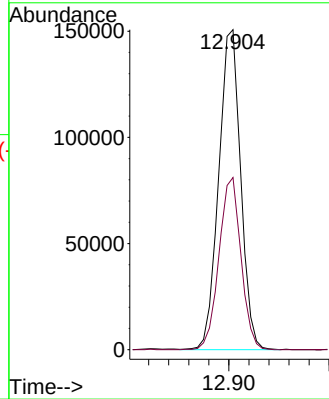
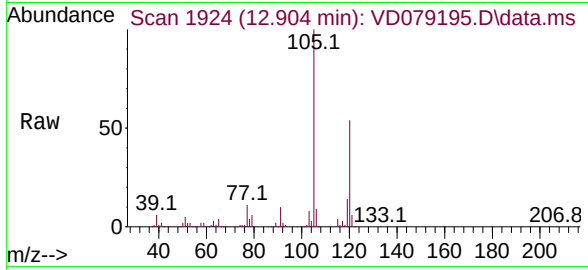




#62
1,3,5-Trimethylbenzene
Concen: 24.072 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

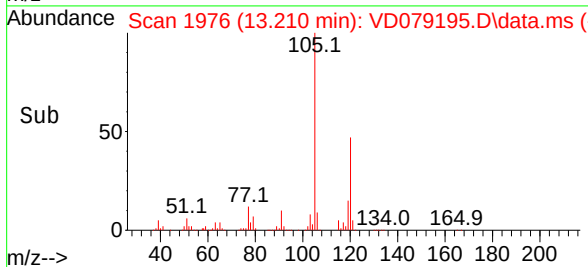
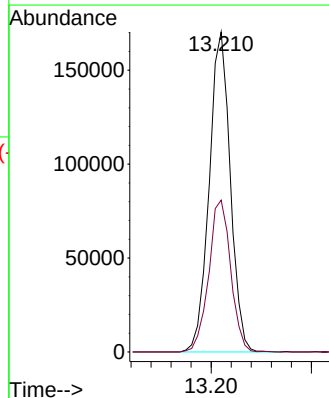
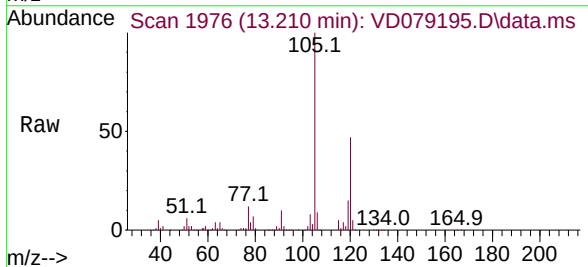
Instrument :
MSVOA_D
ClientSampleId :

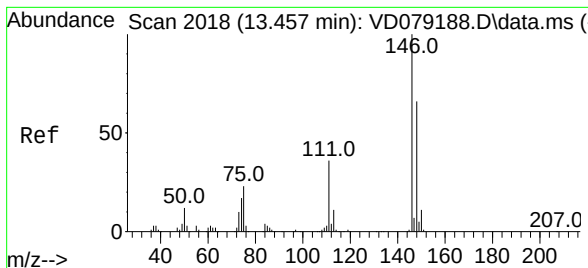
Tgt Ion:105 Resp: 228764
Ion Ratio Lower Upper
105 100
120 53.9 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 24.497 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion:105 Resp: 249002
Ion Ratio Lower Upper
105 100
120 49.3 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 24.830 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :

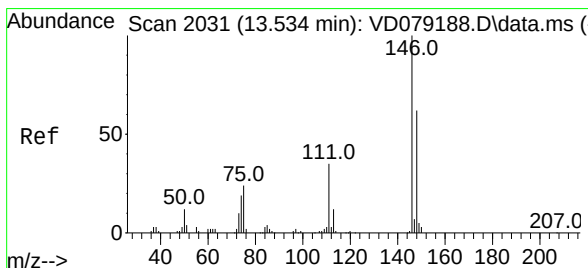
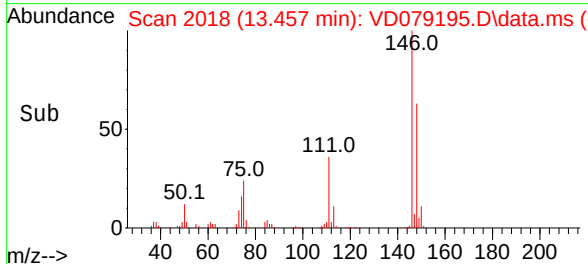
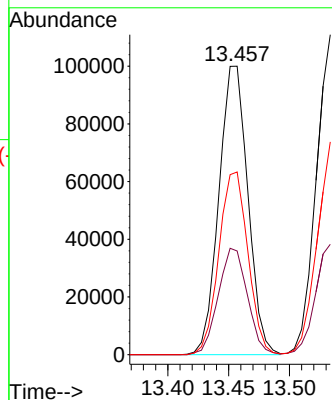
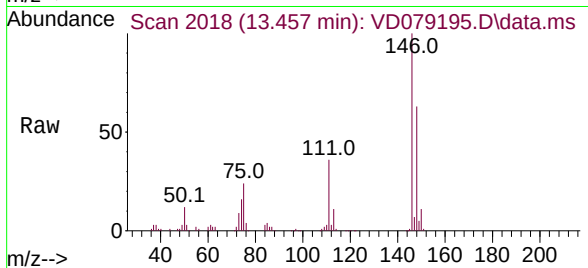
Tgt Ion:146 Resp: 165795

Ion Ratio Lower Upper

146 100

111 35.9 24.4 45.4

148 63.4 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 24.754 ug/L

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

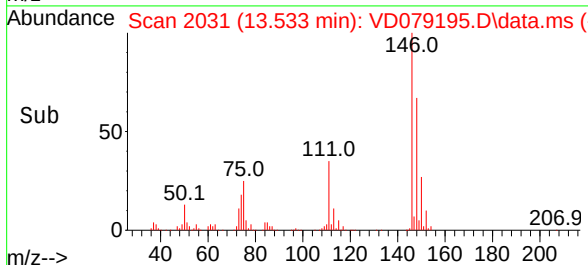
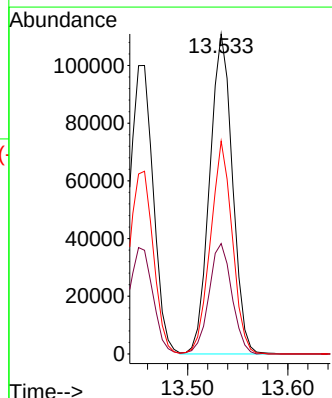
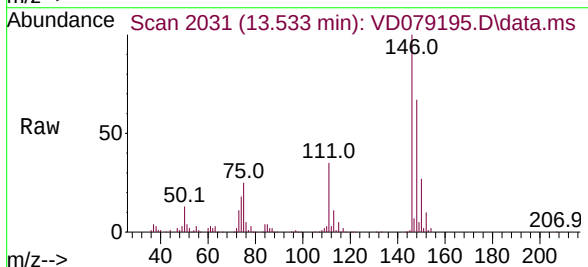
Tgt Ion:146 Resp: 175129

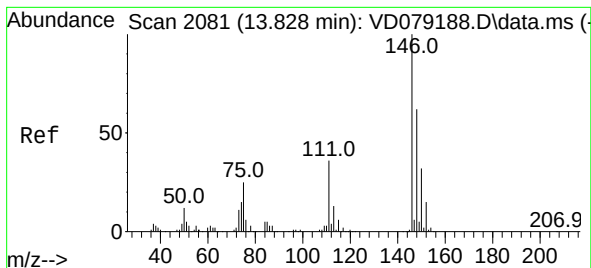
Ion Ratio Lower Upper

146 100

111 34.5 26.3 48.9

148 66.5 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.048 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :

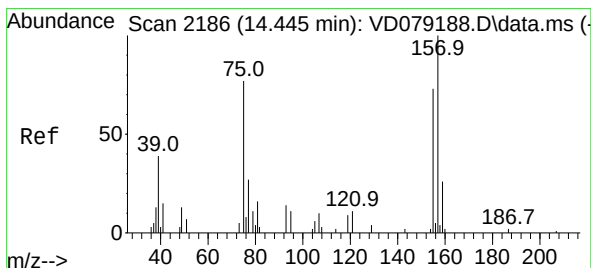
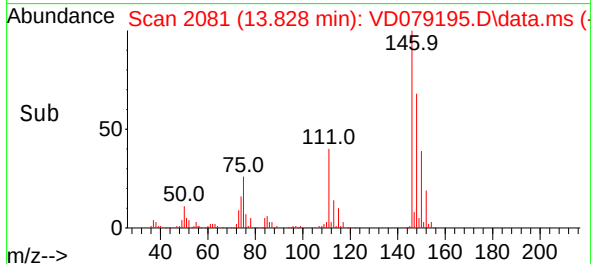
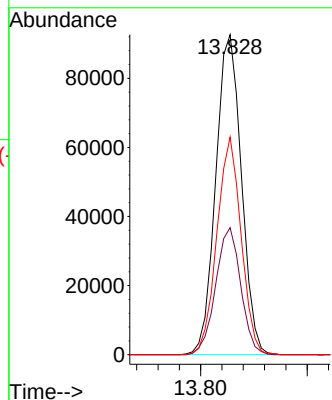
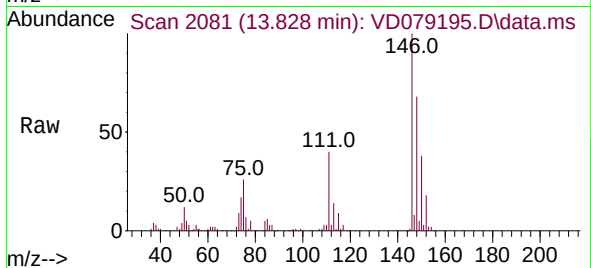
Tgt Ion:146 Resp: 154613

Ion Ratio Lower Upper

146 100

111 39.7 29.1 43.7

148 68.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.278 ug/L

RT: 14.439 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

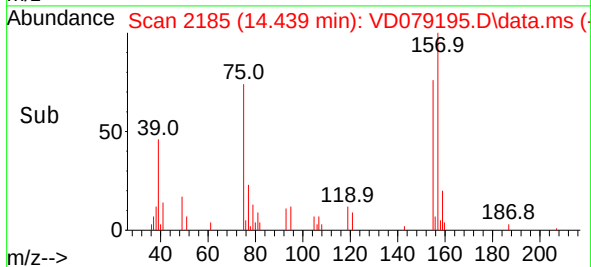
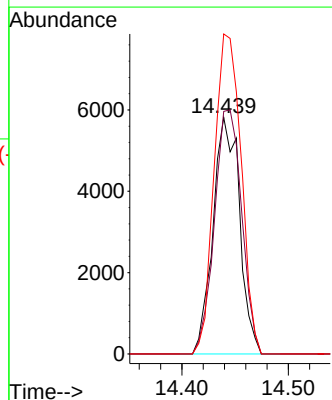
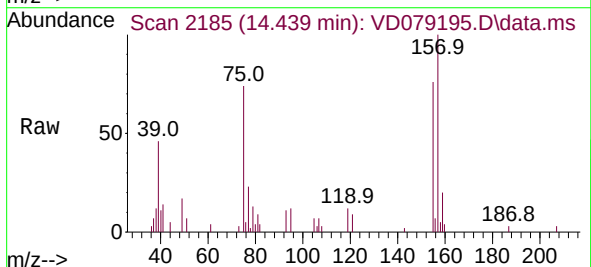
Tgt Ion: 75 Resp: 10025

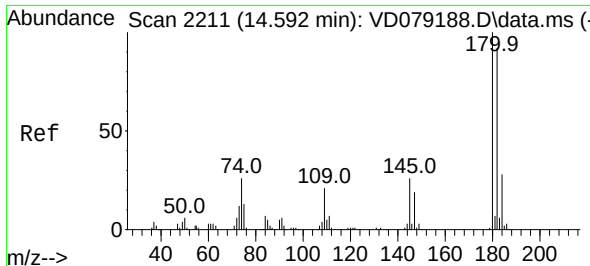
Ion Ratio Lower Upper

75 100

155 102.6 68.1 102.1#

157 135.4 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 24.970 ug/L

RT: 14.586 min Scan# 2211

Delta R.T. -0.006 min

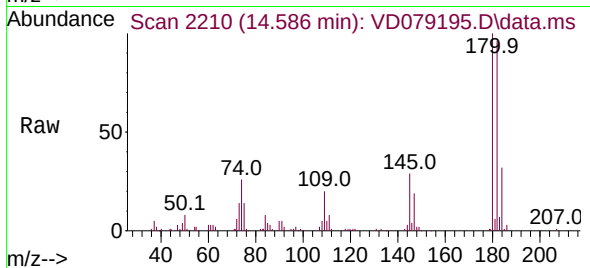
Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 105156

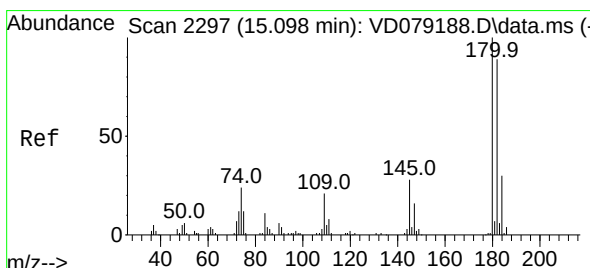
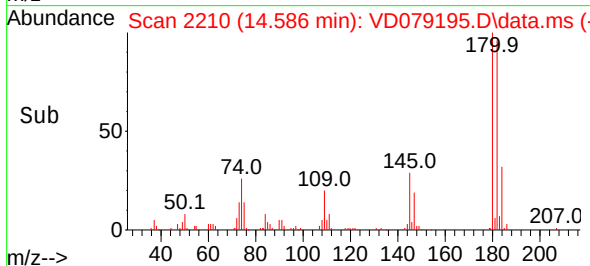
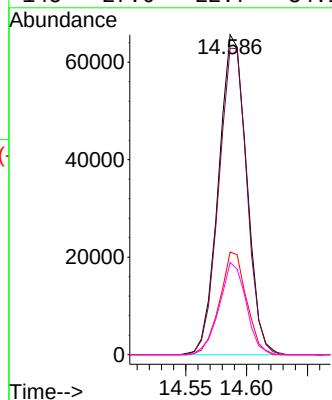
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

184 30.5 23.3 34.9

145 27.6 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 24.739 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079195.D

Acq: 18 Jun 2024 09:12

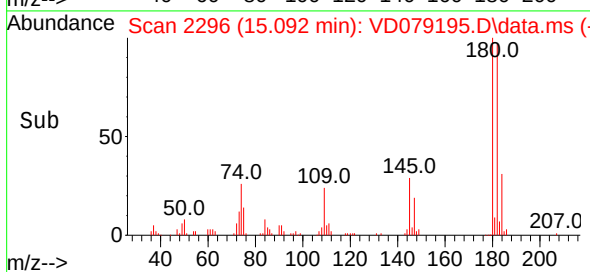
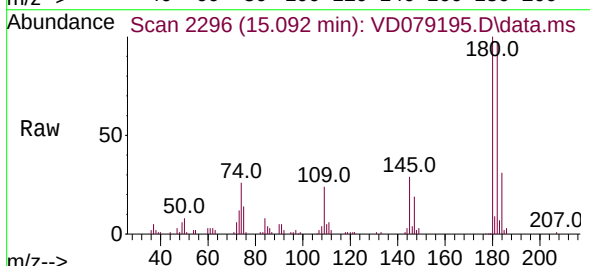
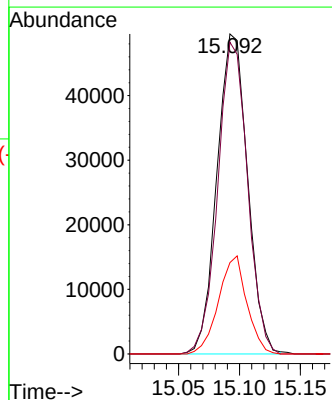
Tgt Ion:180 Resp: 86525

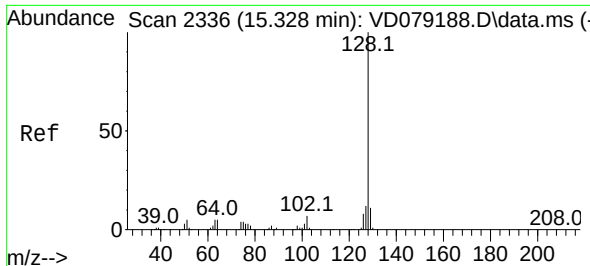
Ion Ratio Lower Upper

180 100

182 94.8 73.8 110.6

145 28.4 22.3 33.5





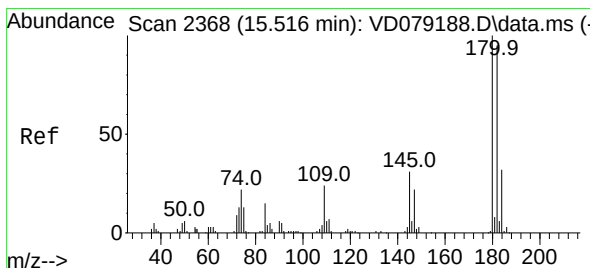
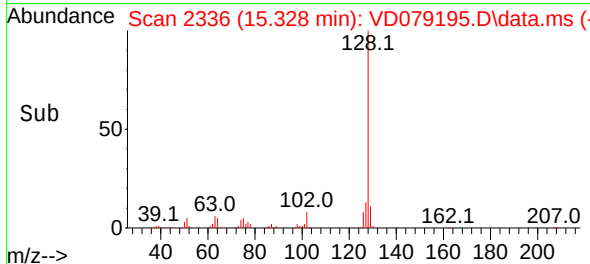
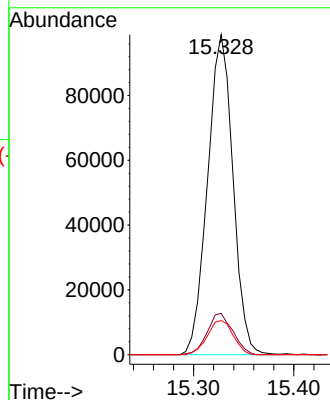
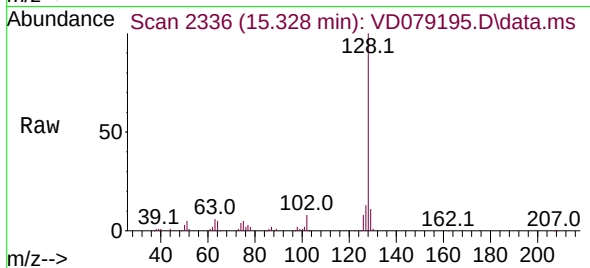
#71
Naphthalene
Concen: 26.604 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128 Resp: 174018
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 28.038 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079195.D
Acq: 18 Jun 2024 09:12

Tgt Ion:180 Resp: 84755
Ion Ratio Lower Upper
180 100
182 94.2 79.4 119.2
145 29.8 24.7 37.1

