

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061124\
 Data File : VD079175.D
 Acq On : 11 Jun 2024 21:06
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 12 01:09:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	171819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	173201	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	89523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	74858	14.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.640%
7) Chloroethane-d5	2.799	69	78941	15.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.760%
11) 1,1-Dichloroethene-d2	3.922	65	13081	13.936	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.760%
21) 2-Butanone-d5	6.993	46	18263	45.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.320%
24) Chloroform-d	7.569	84	91767	19.102	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.400%
26) 1,2-Dichloroethane-d4	8.234	65	44708	20.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.680%
32) Benzene-d6	8.204	84	174800	18.205	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.840%
36) 1,2-Dichloropropane-d6	9.210	67	50294	18.184	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.720%
41) Toluene-d8	10.269	98	166357	18.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	10.522	79	22824	19.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.520%
47) 2-Hexanone-d5	10.875	63	15831	44.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.560%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	53269	21.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.960%
66) 1,2-Dichlorobenzene-d4	13.810	152	57349	18.562	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52007	19.121	ug/L	99
3) Chloromethane	2.146	50	96768	26.694	ug/L	97
5) Vinyl chloride	2.281	62	130419	21.797	ug/L	96
6) Bromomethane	2.693	94	98497	21.323	ug/L	98
8) Chloroethane	2.834	64	93978	21.429	ug/L	96
9) Trichlorofluoromethane	3.175	101	100176	21.978	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	61640	22.552	ug/L	99
12) 1,1-Dichloroethene	3.940	96	54273	22.808	ug/L	87
13) Acetone	4.022	43	24943	42.602	ug/L	99
14) Carbon disulfide	4.269	76	179159	21.583	ug/L	99
15) Methyl Acetate	4.563	43	22058	27.651	ug/L	91
16) Methylene chloride	4.805	84	88530	28.917	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	61865	24.058	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	125411	27.498	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	111096	26.833	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	70507	26.332	ug/L	96
22) 2-Butanone	7.087	43	31401	51.054	ug/L	91
23) Bromochloromethane	7.422	128	35428	26.097	ug/L	95
25) Chloroform	7.599	83	122388	26.036	ug/L	95

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 Response via : Initial Calibration

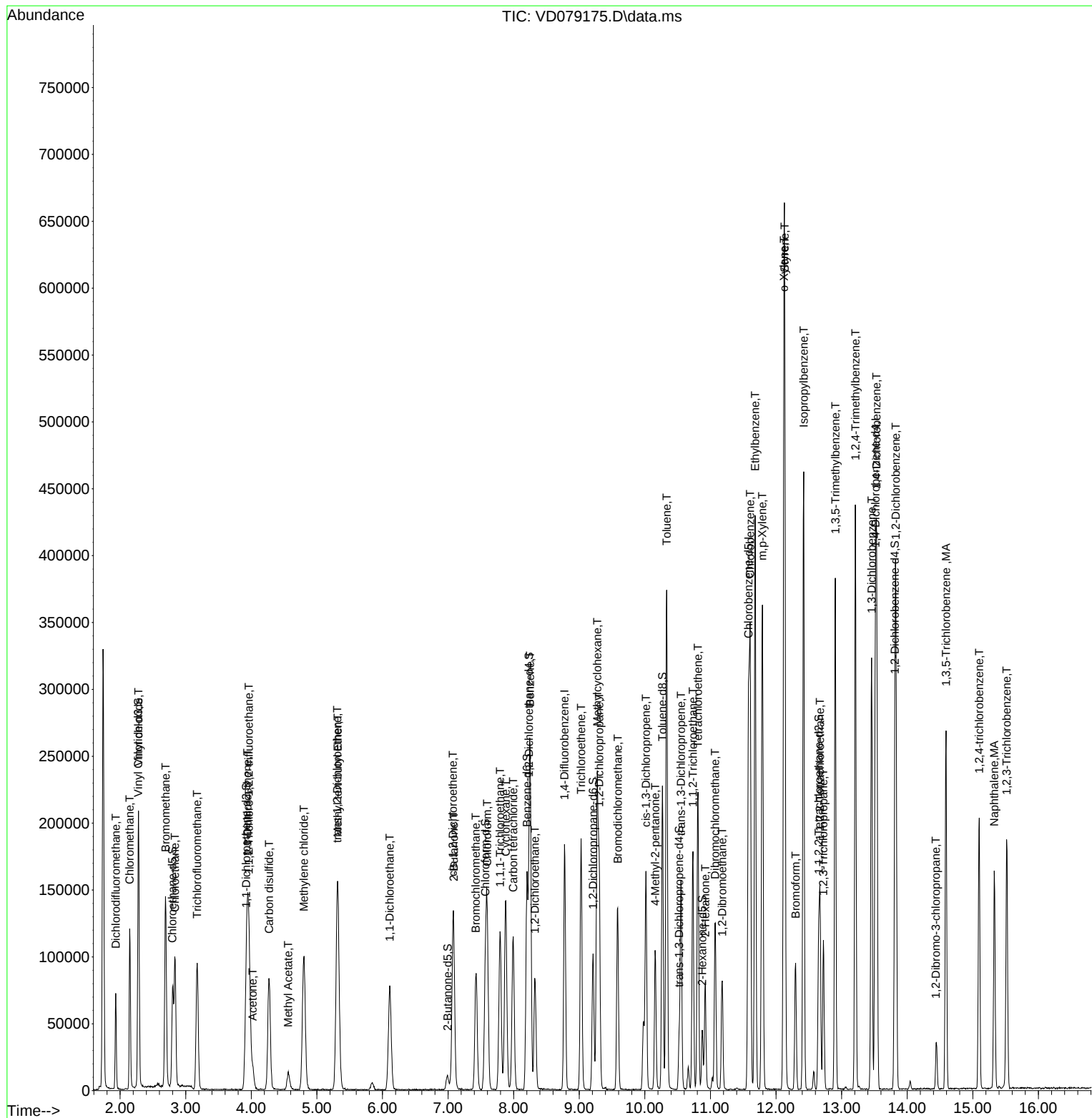
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	73541	26.951	ug/L	96
29) Cyclohexane	7.881	56	70520	22.566	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	101445	24.739	ug/L	98
31) Carbon tetrachloride	7.993	117	89581	23.508	ug/L	98
33) Benzene	8.251	78	271000	26.270	ug/L	100
34) Trichloroethene	9.028	95	63720	23.982	ug/L	93
35) Methylcyclohexane	9.275	83	99106	22.511	ug/L	99
37) 1,2-Dichloropropane	9.304	63	68585	27.143	ug/L	100
38) Bromodichloromethane	9.587	83	94358	26.863	ug/L #	97
39) cis-1,3-Dichloropropene	10.016	75	102590	26.009	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	62110	58.883	ug/L	95
42) Toluene	10.334	91	295476	25.795	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	91115	27.317	ug/L	91
45) 1,1,2-Trichloroethane	10.734	97	60402	27.248	ug/L	96
46) Tetrachloroethene	10.810	164	53172	22.728	ug/L	92
48) 2-Hexanone	10.922	43	44030	48.240	ug/L	93
49) Dibromochloromethane	11.069	129	69279	26.391	ug/L	96
50) 1,2-Dibromoethane	11.181	107	56632	27.798	ug/L	100
51) Chlorobenzene	11.604	112	194759	25.553	ug/L	97
52) Ethylbenzene	11.681	91	307224	25.712	ug/L	100
53) m,p-Xylene	11.792	106	123597	26.365	ug/L	94
54) o-Xylene	12.122	106	120806	26.673	ug/L	98
55) Styrene	12.134	104	220847	27.500	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	69580	28.041	ug/L #	97
59) Bromoform	12.298	173	43873	26.739	ug/L	98
60) Isopropylbenzene	12.422	105	302673	25.569	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	46431	29.377	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	206342	25.495	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	228820	26.433	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	143680	25.266	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	153503	25.476	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	133720	25.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.439	75	9321	28.688	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	85498	23.838	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	68902	23.132	ug/L	98
71) Naphthalene	15.328	128	143983	25.847	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	66547	25.849	ug/L	98

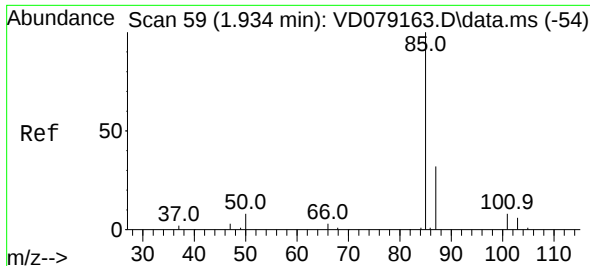
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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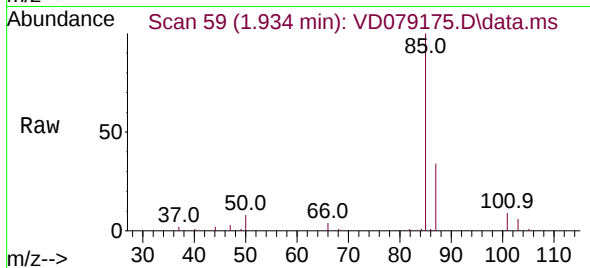
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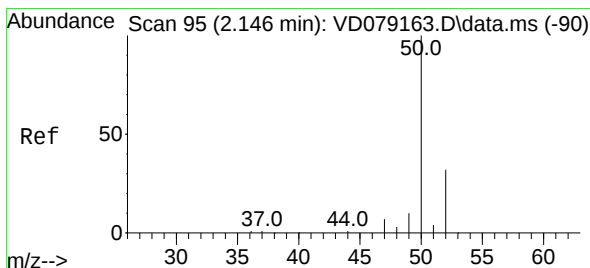
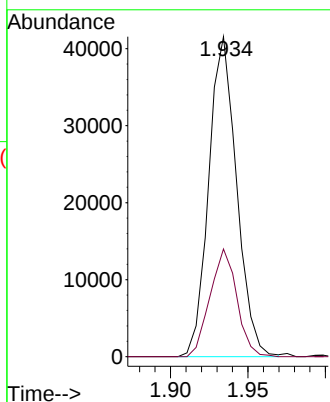
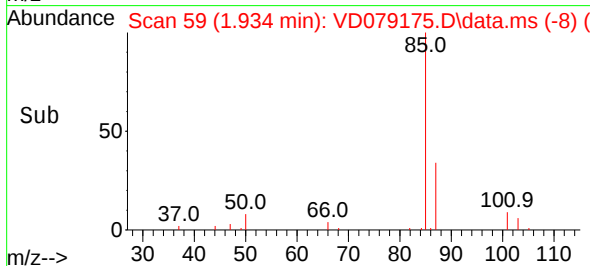


#2
 Dichlorodifluoromethane
 Concen: 19.121 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079175.D
 Acq: 11 Jun 2024 21:06

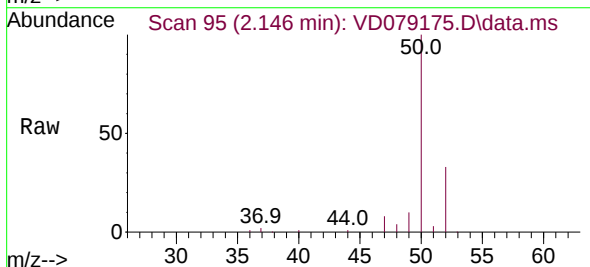
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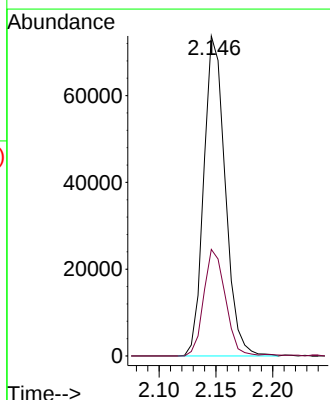
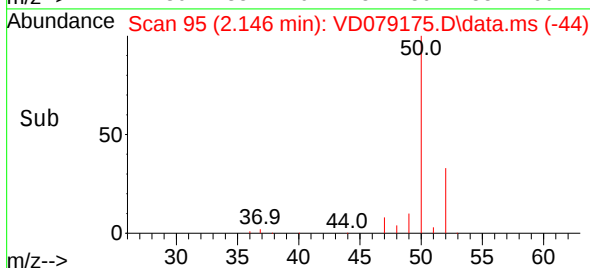
Tgt Ion: 85 Resp: 52007
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.4

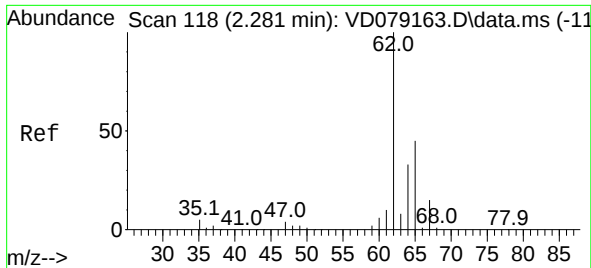


#3
 Chloromethane
 Concen: 26.694 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079175.D
 Acq: 11 Jun 2024 21:06



Tgt Ion: 50 Resp: 96768
 Ion Ratio Lower Upper
 50 100
 52 33.3 24.4 45.2

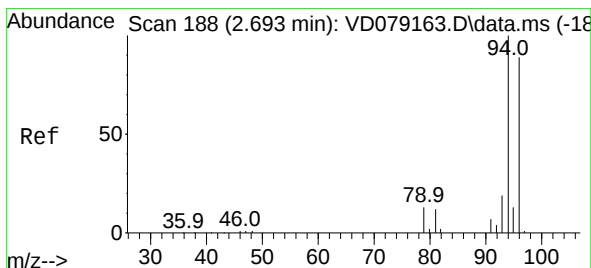
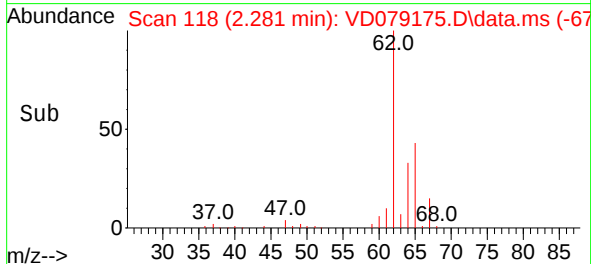
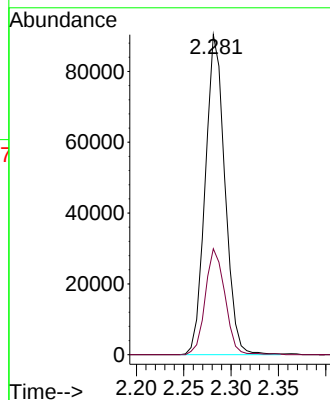
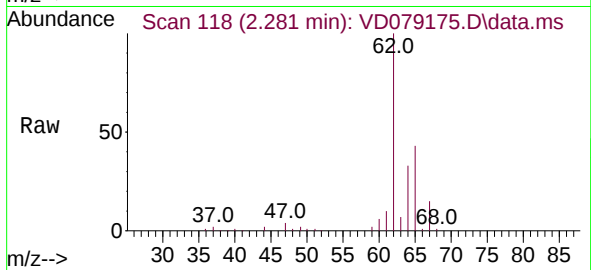




#5
 Vinyl chloride
 Concen: 21.797 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079175.D
 Acq: 11 Jun 2024 21:06

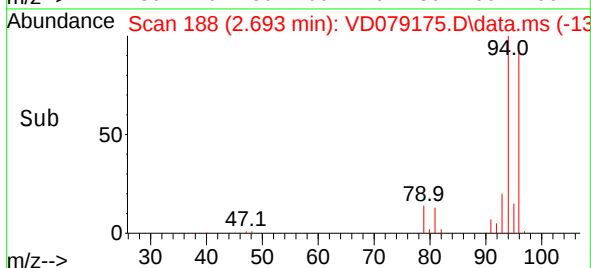
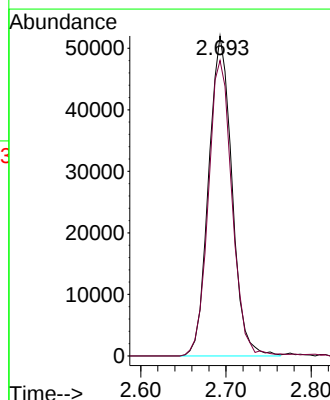
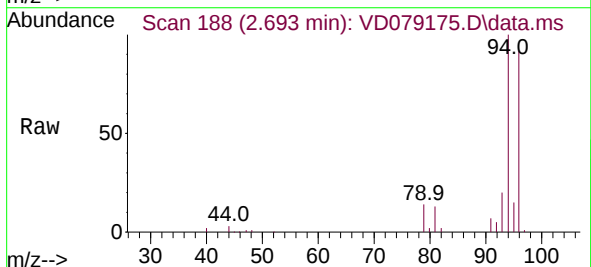
Instrument :
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 ClientSampleId :

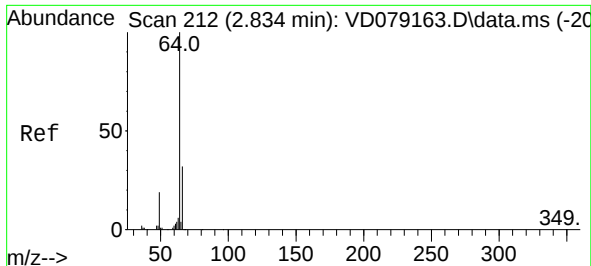
Tgt Ion: 62 Resp: 130419
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.8 46.1



#6
 Bromomethane
 Concen: 21.323 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079175.D
 Acq: 11 Jun 2024 21:06

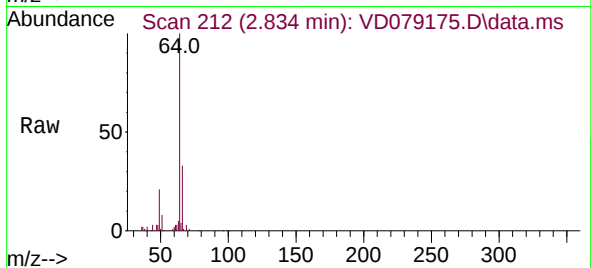
Tgt Ion: 94 Resp: 98497
 Ion Ratio Lower Upper
 94 100
 96 92.3 63.6 118.2



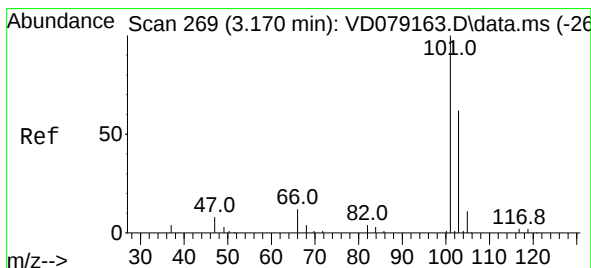
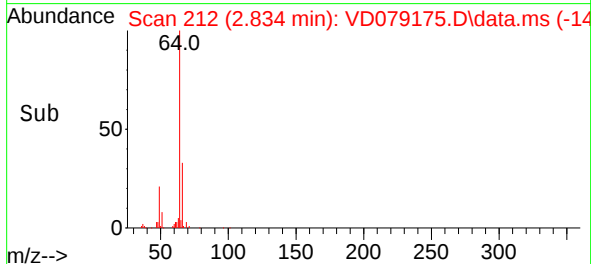
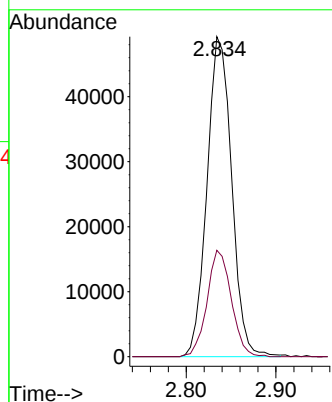


#8
Chloroethane
Concen: 21.429 ug/L
RT: 2.834 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Instrument :
MSVOA_D
ClientSampleId :

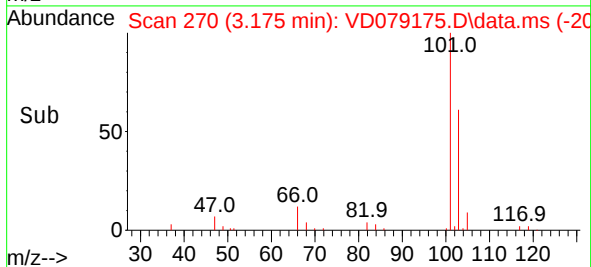
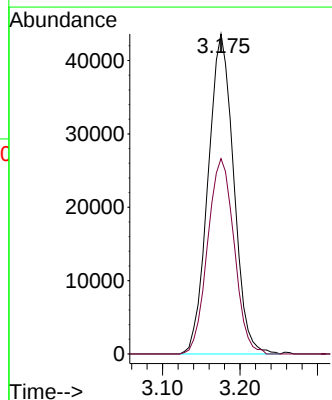
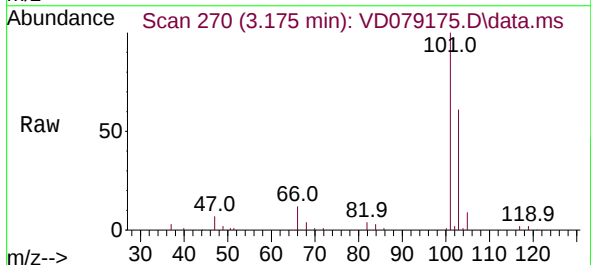


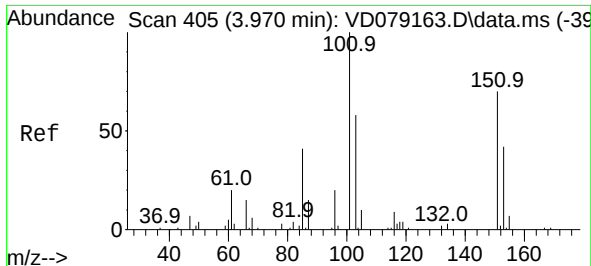
Tgt Ion: 64 Resp: 93978
Ion Ratio Lower Upper
64 100
66 33.3 24.8 46.1



#9
Trichlorofluoromethane
Concen: 21.978 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion:101 Resp: 100176
Ion Ratio Lower Upper
101 100
103 63.1 52.6 79.0

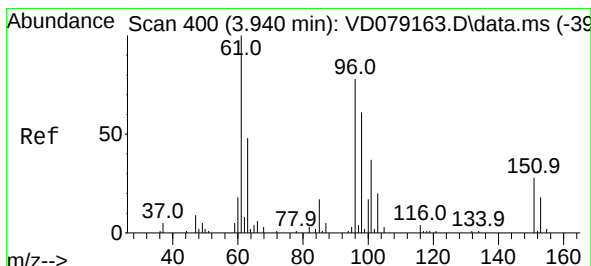
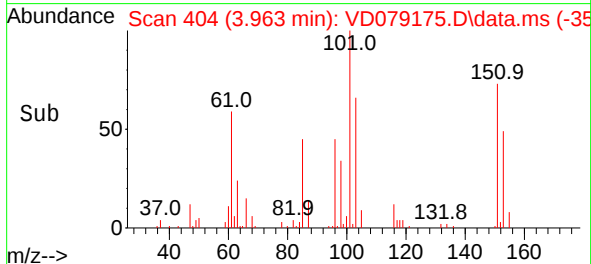
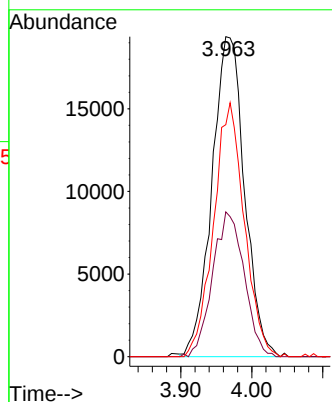
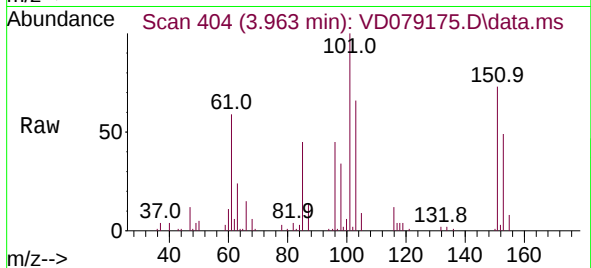




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.552 ug/L
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

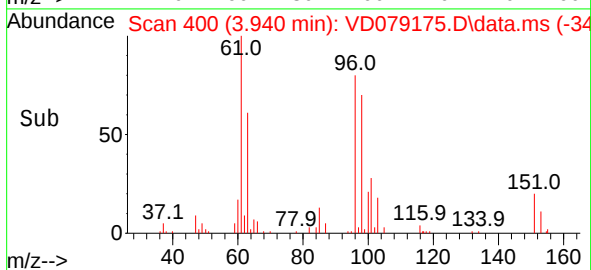
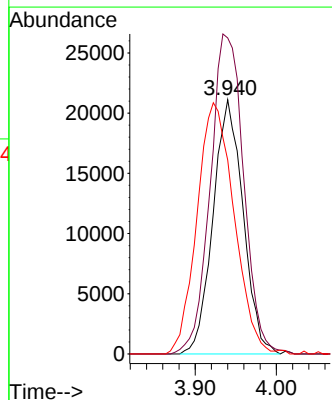
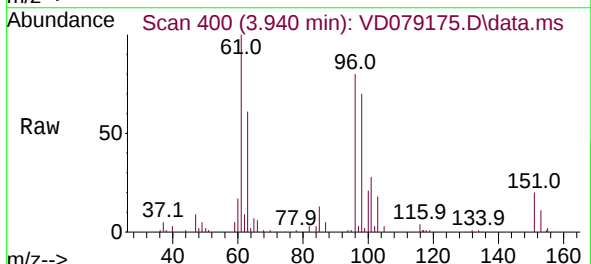
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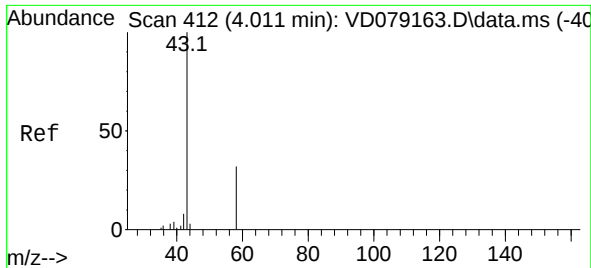
Tgt Ion:101 Resp: 61640
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.0
151 74.6 59.1 88.7



#12
1,1-Dichloroethene
Concen: 22.808 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

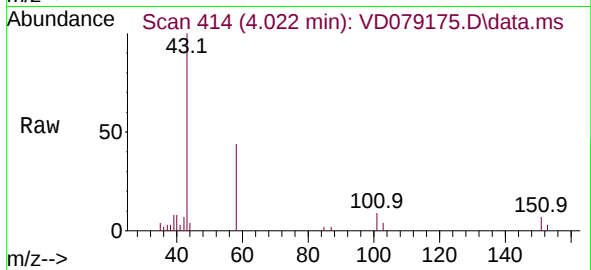
Tgt Ion: 96 Resp: 54273
Ion Ratio Lower Upper
96 100
61 124.3 93.9 174.3
63 76.3 67.7 125.7



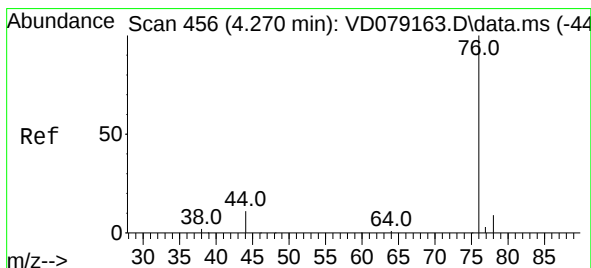
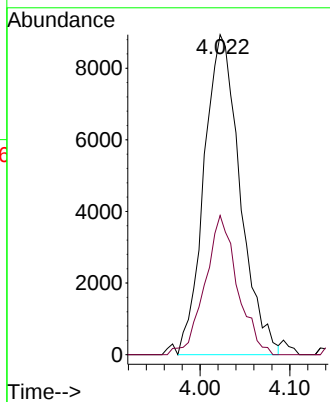
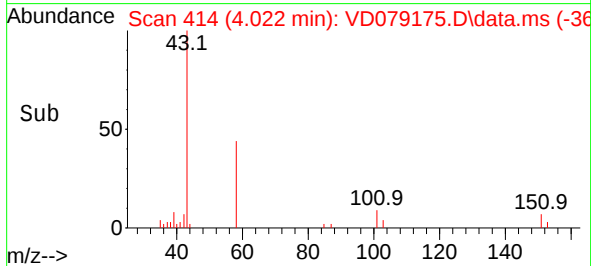


#13
Acetone
Concen: 42.602 ug/L
RT: 4.022 min Scan# 412
Delta R.T. 0.012 min
Lab File: VD079175.D
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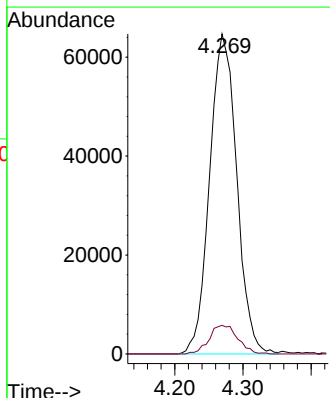
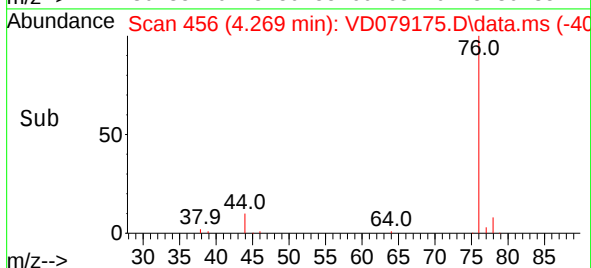
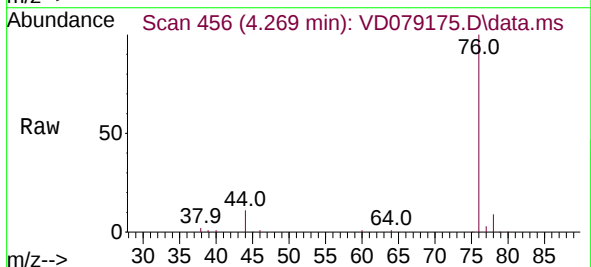


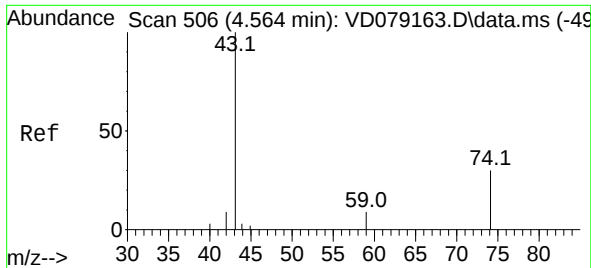
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Ion Ratio Lower Upper
43 100
58 38.6 0.0 78.2



#14
Carbon disulfide
Concen: 21.583 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079175.D
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Tgt Ion: 76 Resp: 179159
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

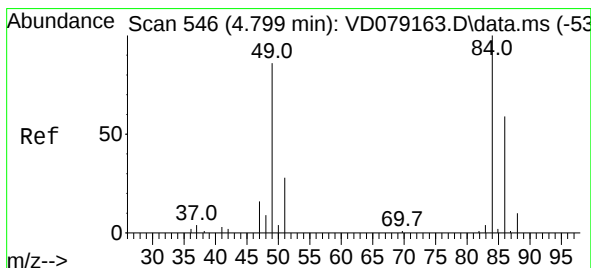
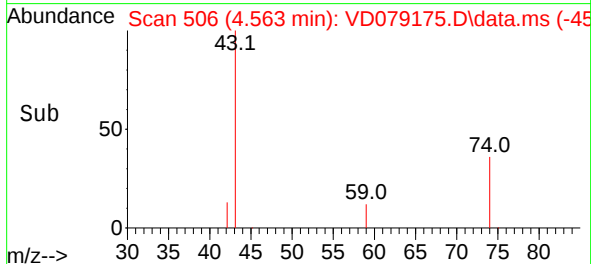
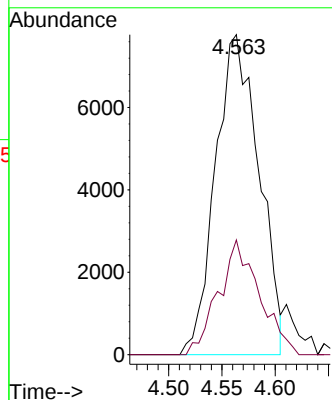
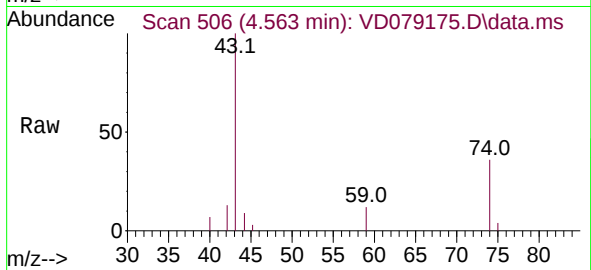




#15
Methyl Acetate
Concen: 27.651 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

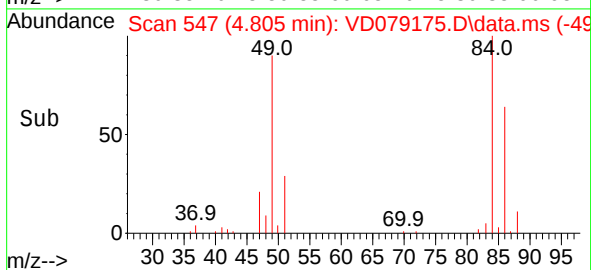
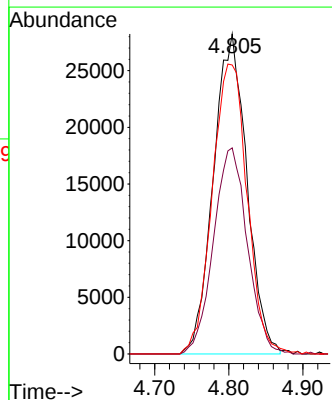
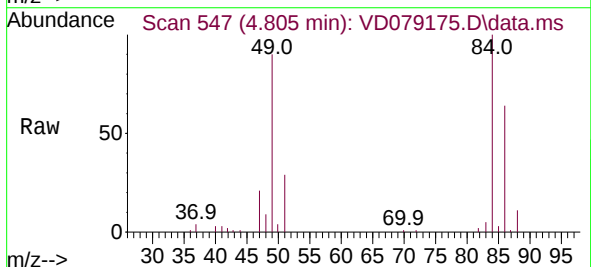
Instrument :
MSVOA_D
ClientSampleId :

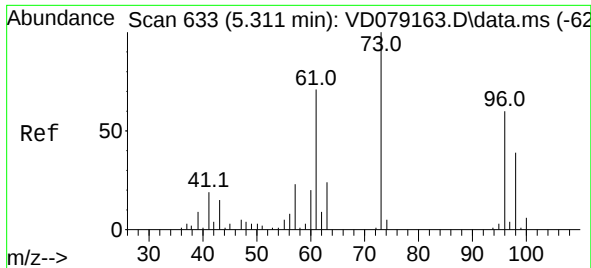
Tgt Ion: 43 Resp: 22058
Ion Ratio Lower Upper
43 100
74 25.0 23.8 35.6



#16
Methylene chloride
Concen: 28.917 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion: 84 Resp: 88530
Ion Ratio Lower Upper
84 100
86 64.4 40.9 76.0
49 90.3 67.5 125.3

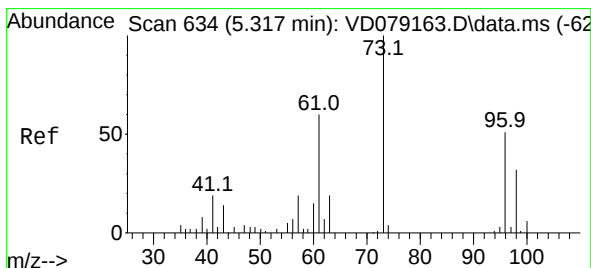
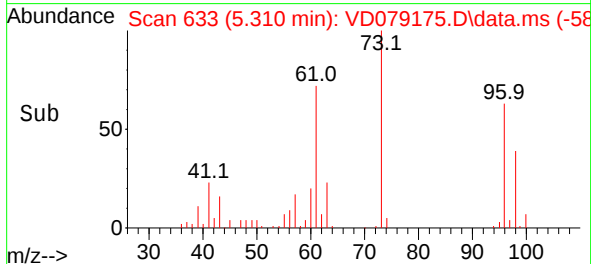
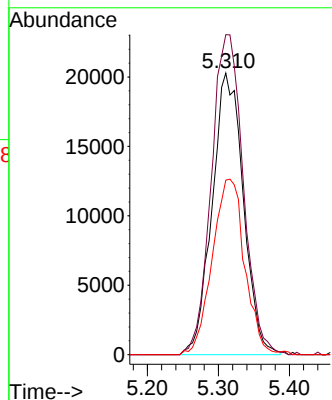
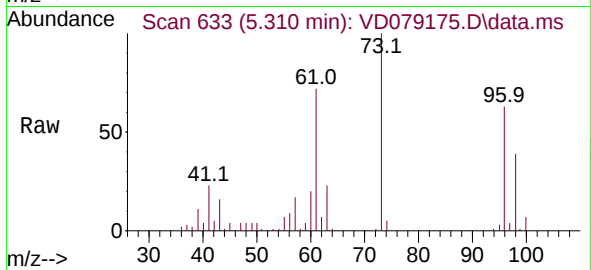




#17
trans-1,2-Dichloroethene
Concen: 24.058 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

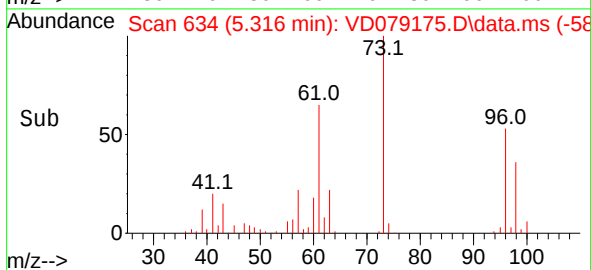
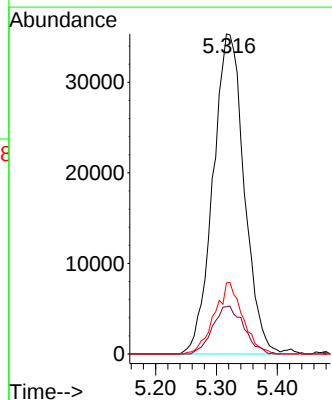
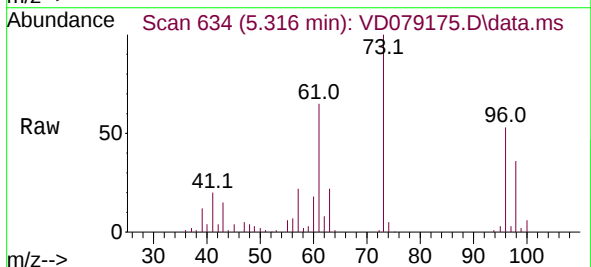
Instrument :
MSVOA_D
ClientSampleId :

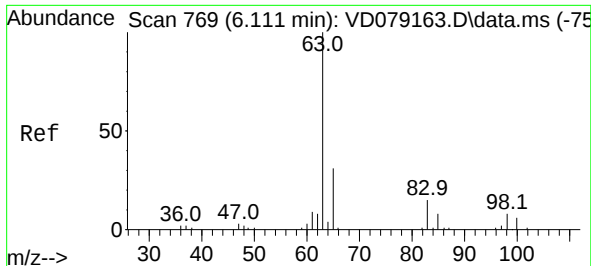
Tgt Ion: 96 Resp: 61865
Ion Ratio Lower Upper
96 100
61 113.6 71.9 133.5
98 62.0 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 27.498 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion: 73 Resp: 125411
Ion Ratio Lower Upper
73 100
43 14.8 12.0 18.0
57 20.3 9.6 14.4#

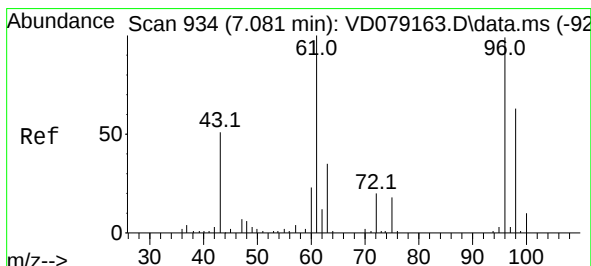
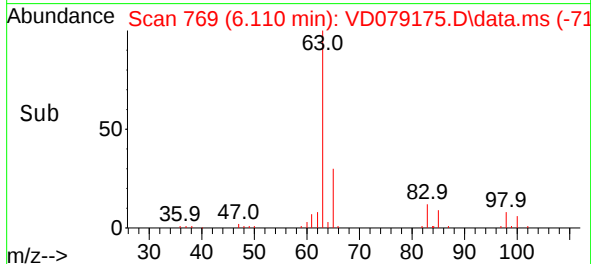
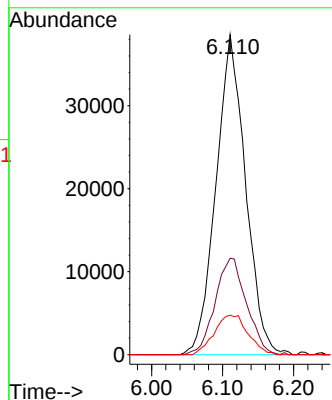
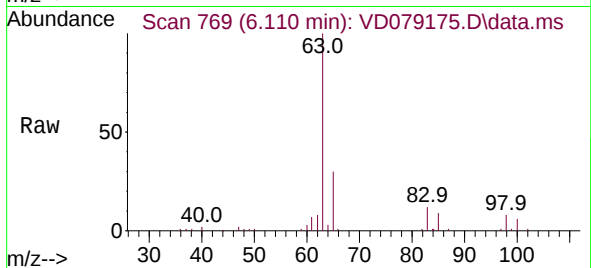




#19
1,1-Dichloroethane
Concen: 26.833 ug/L
RT: 6.110 min Scan# 71
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

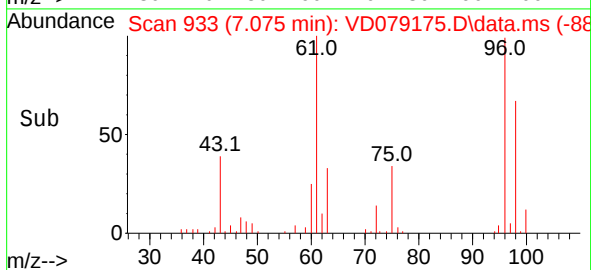
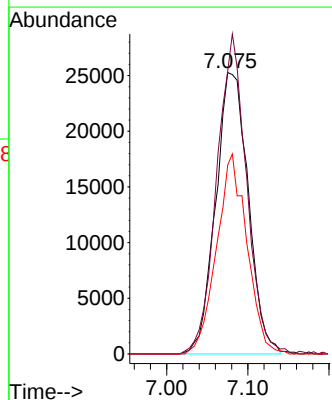
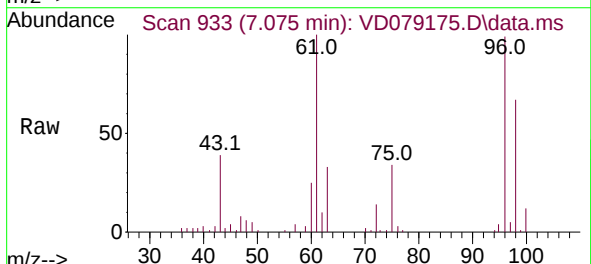
Instrument :
MSVOA_D
ClientSampleId :

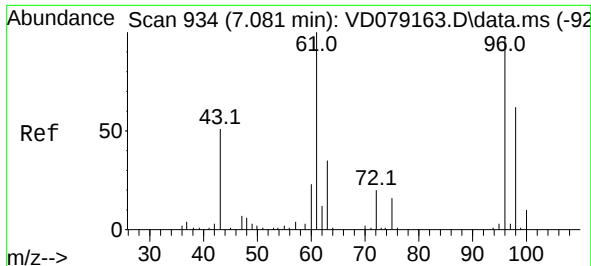
Tgt Ion: 63 Resp: 111096
Ion Ratio Lower Upper
63 100
65 30.2 22.8 42.4
83 12.3 8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 26.332 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion: 96 Resp: 70507
Ion Ratio Lower Upper
96 100
61 100.6 72.6 134.8
98 67.1 43.8 81.3





#22

2-Butanone

Concen: 51.054 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

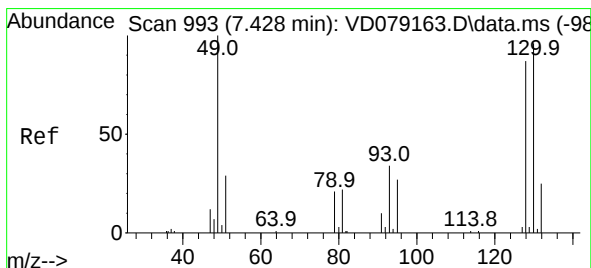
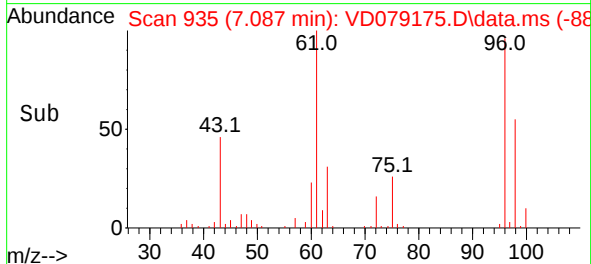
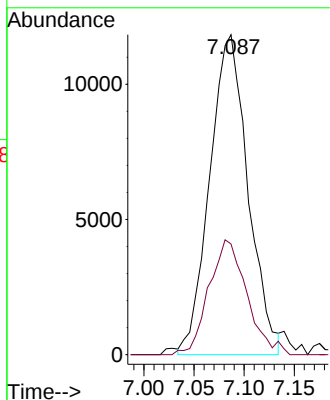
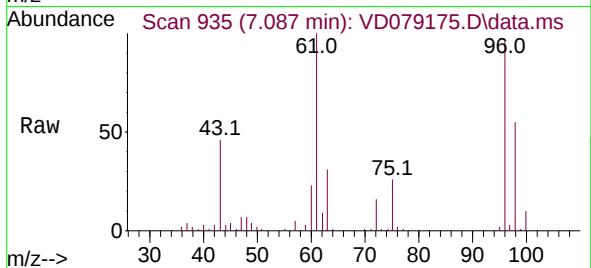
ClientSampleId :

Tgt Ion: 43 Resp: 31401

Ion Ratio Lower Upper

43 100

72 32.9 19.3 57.8



#23

Bromochloromethane

Concen: 26.097 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Tgt Ion: 128 Resp: 35428

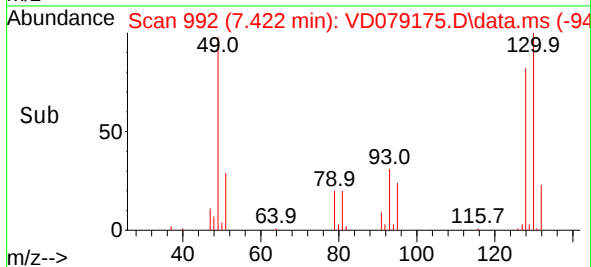
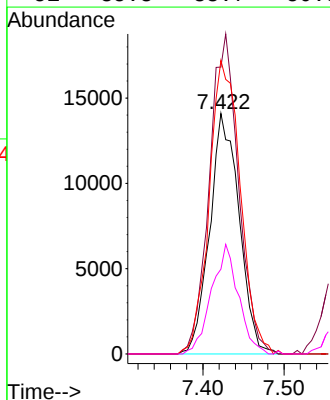
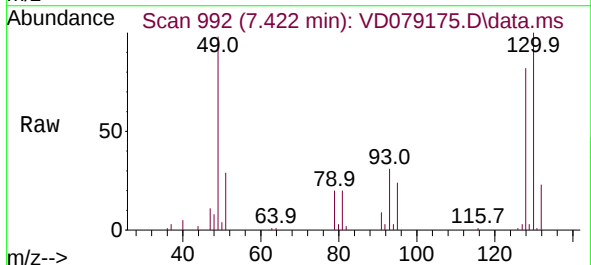
Ion Ratio Lower Upper

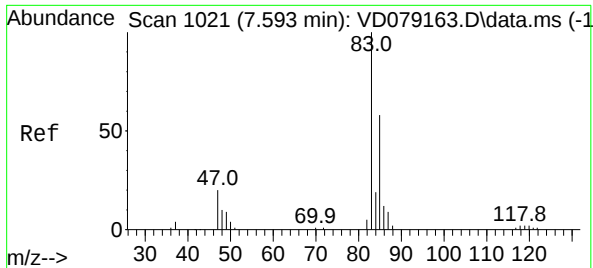
128 100

49 119.3 81.8 151.8

130 122.0 90.4 167.8

51 35.3 33.7 50.5

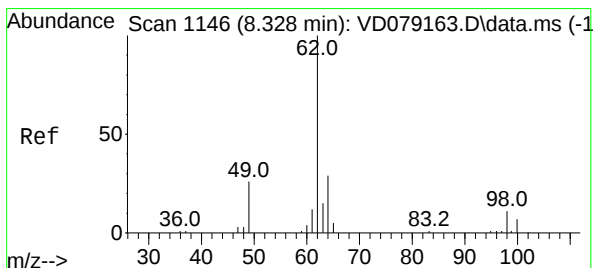
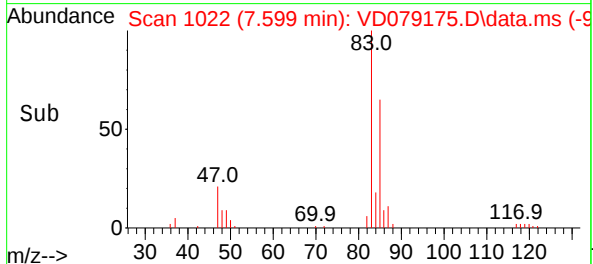
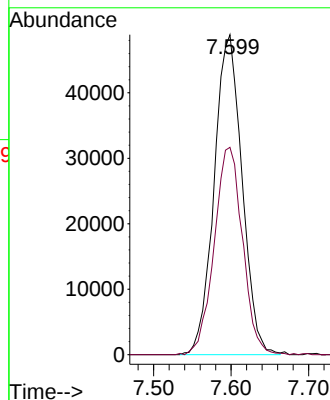
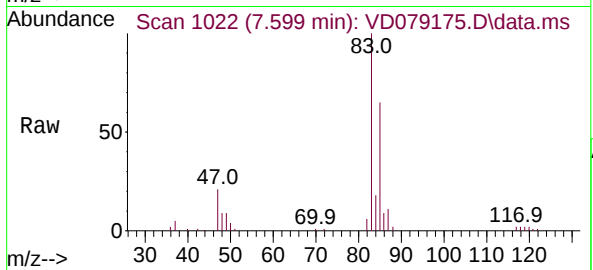




#25
Chloroform
Concen: 26.036 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

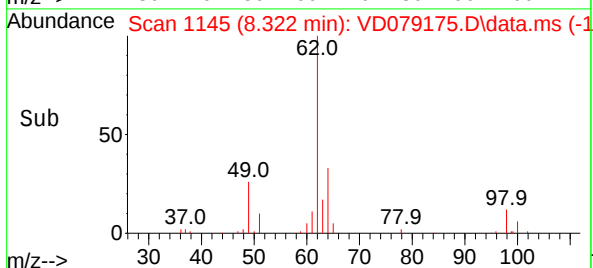
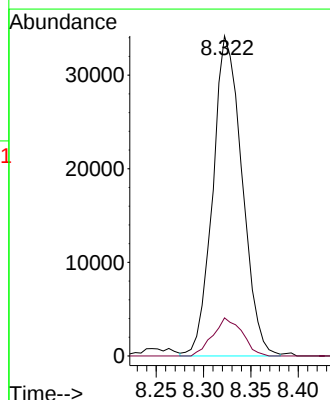
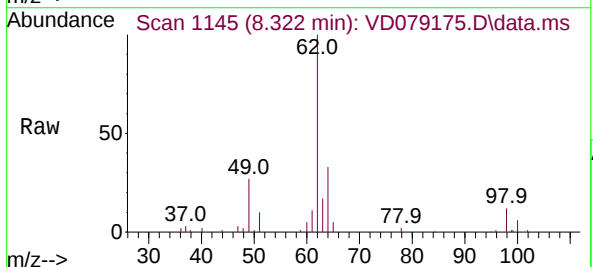
Instrument :
MSVOA_D
ClientSampleId :

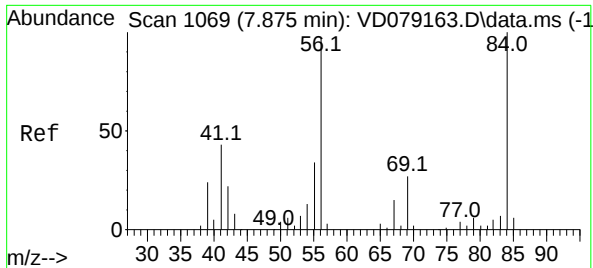
Tgt Ion: 83 Resp: 122388
Ion Ratio Lower Upper
83 100
85 64.8 47.9 89.1



#27
1,2-Dichloroethane
Concen: 26.951 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion: 62 Resp: 73541
Ion Ratio Lower Upper
62 100
98 11.9 8.2 12.4





#29

Cyclohexane

Concen: 22.566 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

ClientSampleId :

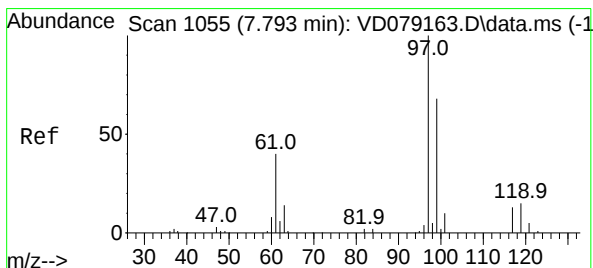
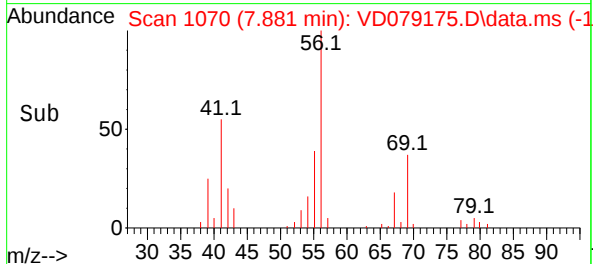
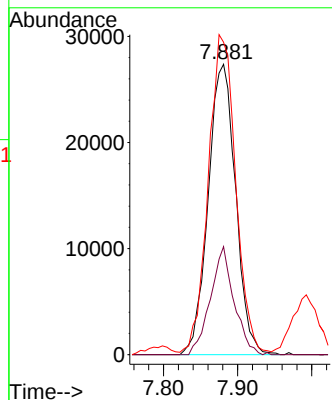
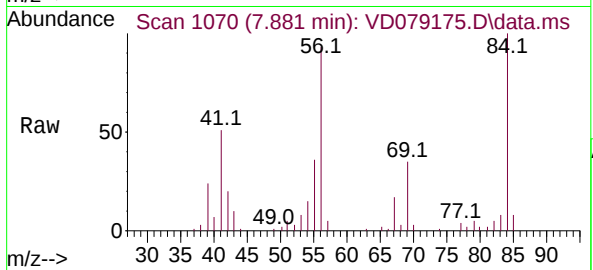
Tgt Ion: 56 Resp: 70520

Ion Ratio Lower Upper

56 100

69 31.8 26.6 40.0

84 109.0 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 24.739 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

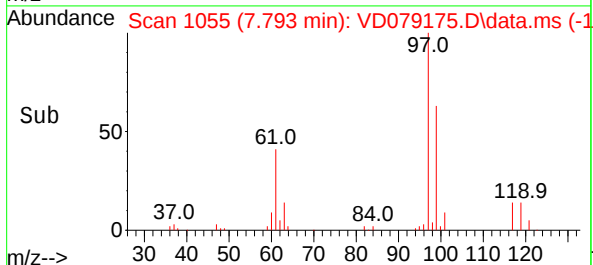
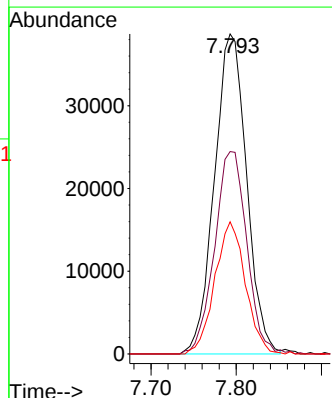
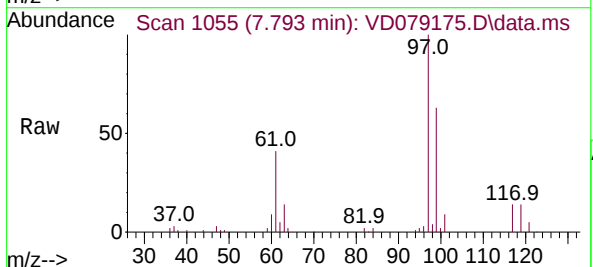
Tgt Ion: 97 Resp: 101445

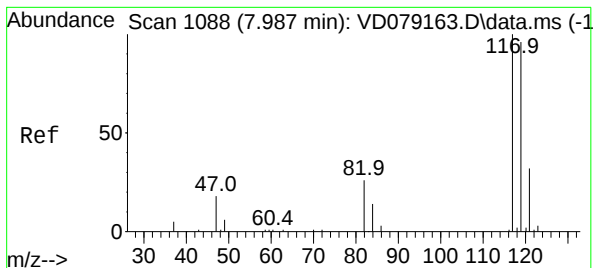
Ion Ratio Lower Upper

97 100

99 63.0 52.3 78.5

61 39.3 31.7 47.5





#31

Carbon tetrachloride

Concen: 23.508 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

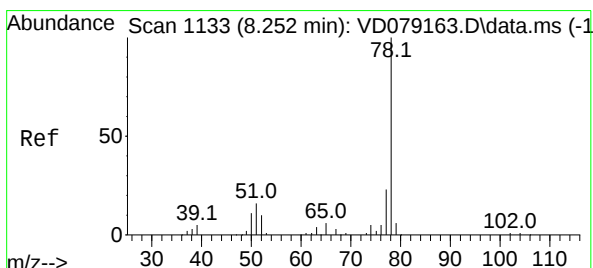
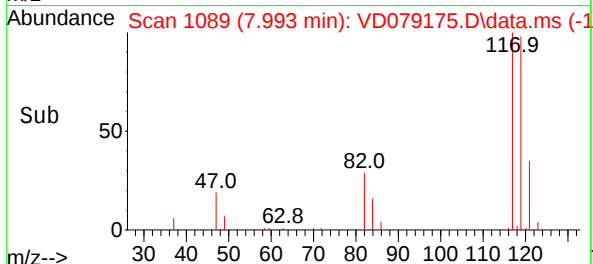
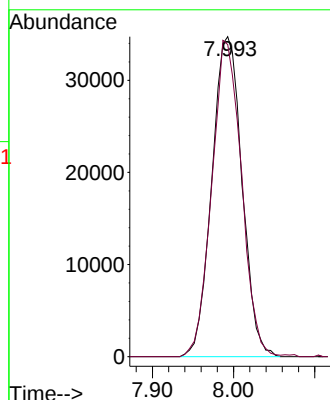
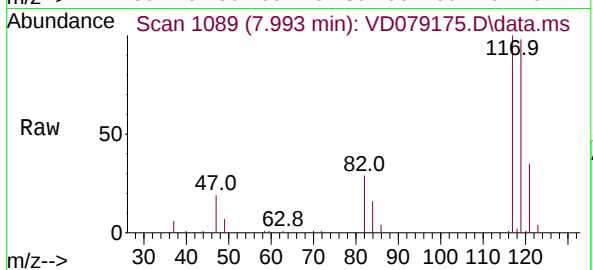
ClientSampleId :

Tgt Ion:117 Resp: 89581

Ion Ratio Lower Upper

117 100

119 97.3 79.6 119.4



#33

Benzene

Concen: 26.270 ug/L

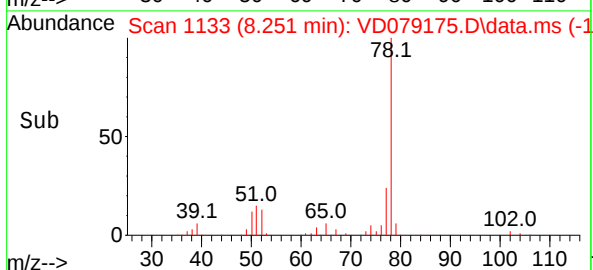
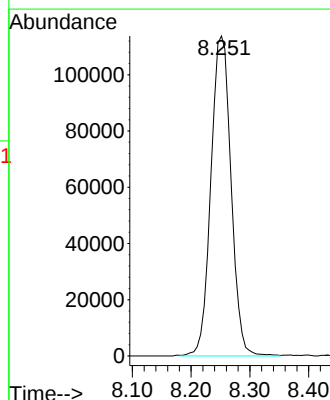
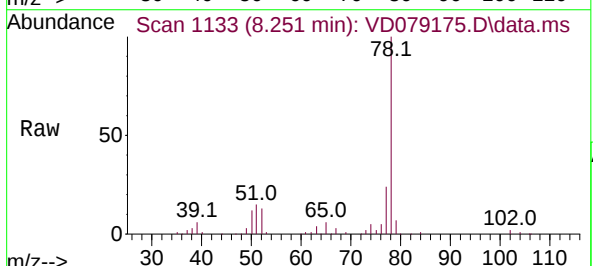
RT: 8.251 min Scan# 1133

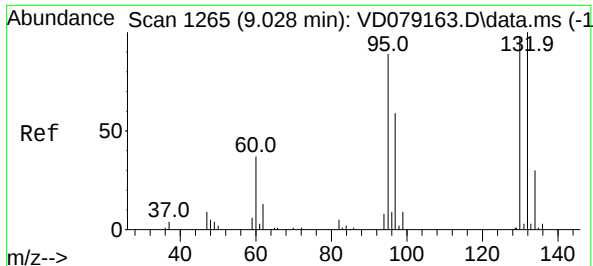
Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Tgt Ion: 78 Resp: 271000





#34

Trichloroethene

Concen: 23.982 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

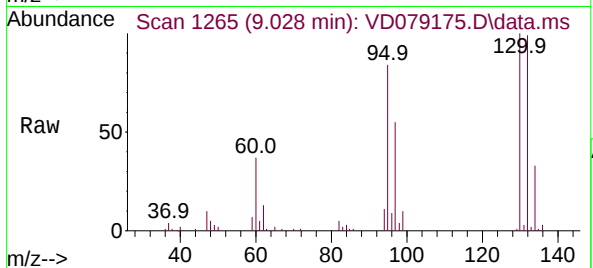
Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 63720

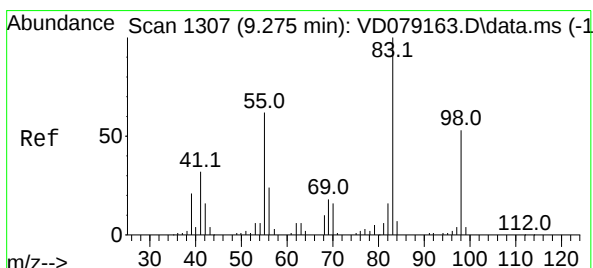
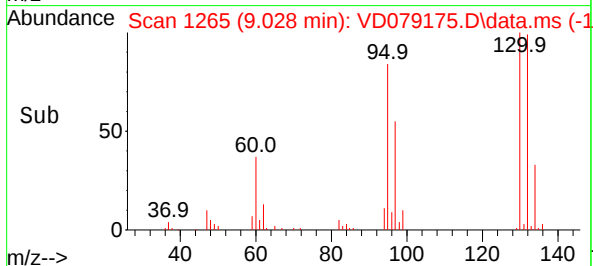
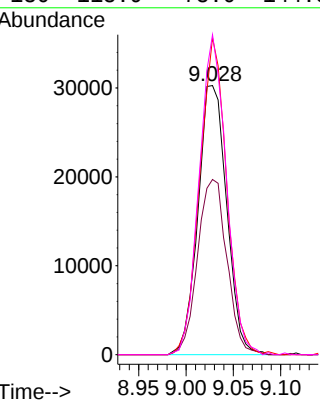
Ion Ratio Lower Upper

95 100

97 65.1 44.6 82.8

132 117.8 74.9 139.1

130 118.9 78.0 144.8



#35

Methylcyclohexane

Concen: 22.511 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

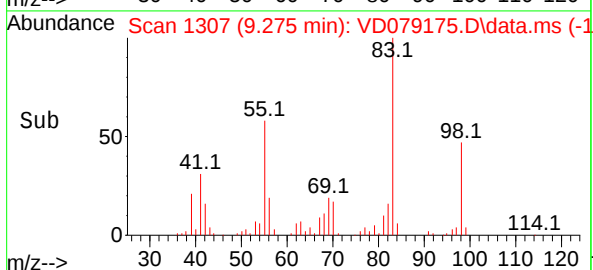
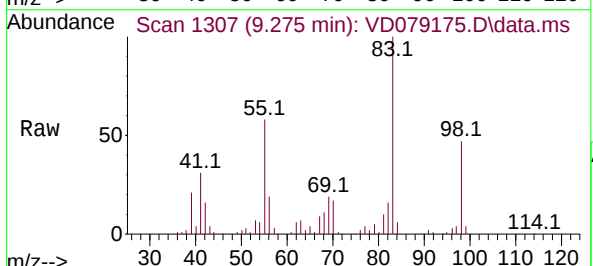
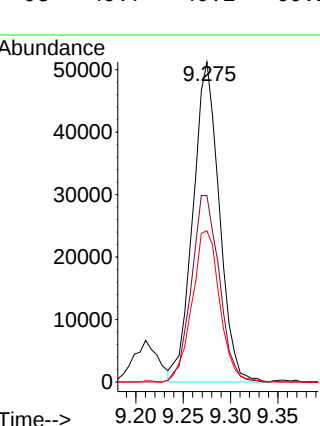
Tgt Ion: 83 Resp: 99106

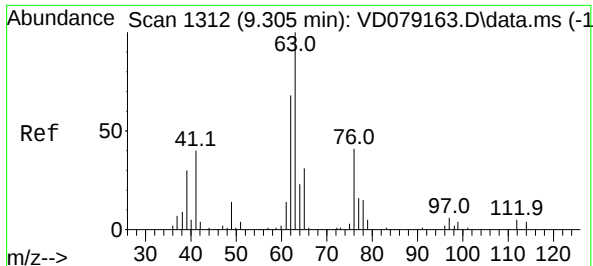
Ion Ratio Lower Upper

83 100

55 61.3 48.6 72.8

98 49.7 40.2 60.2





#37

1,2-Dichloropropane

Concen: 27.143 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

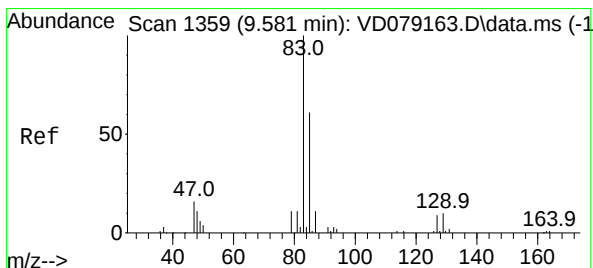
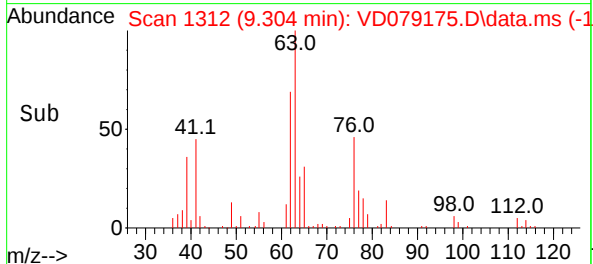
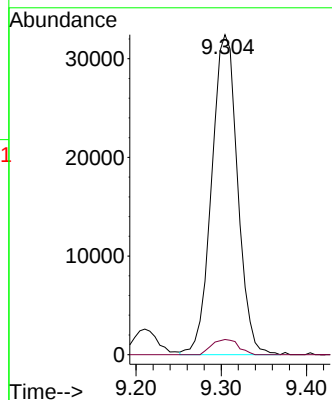
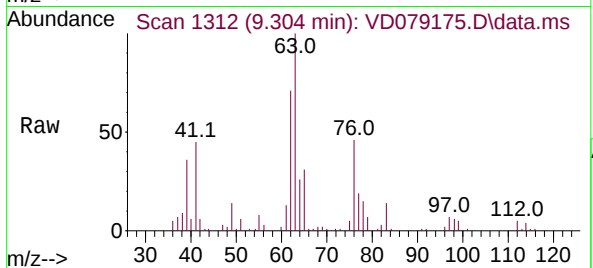
ClientSampleId :

Tgt Ion: 63 Resp: 68585

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 26.863 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

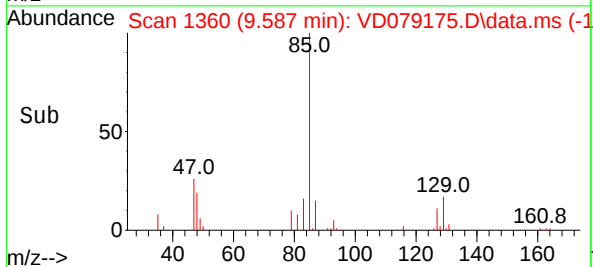
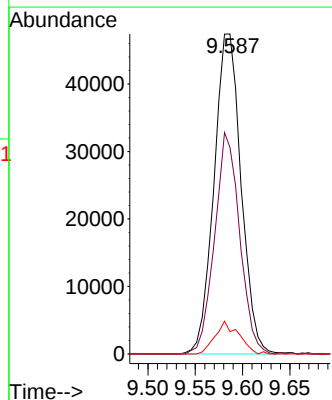
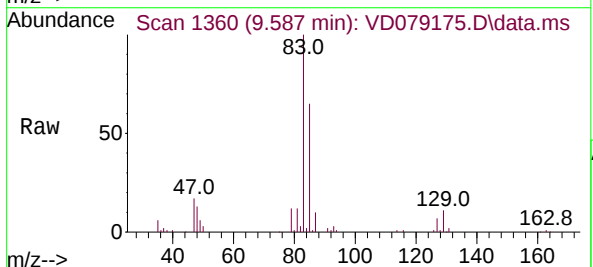
Tgt Ion: 83 Resp: 94358

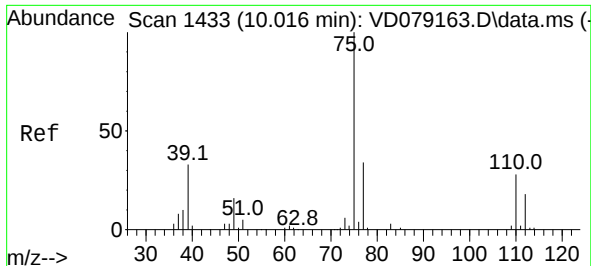
Ion Ratio Lower Upper

83 100

85 64.5 46.5 86.5

127 7.0 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 26.009 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

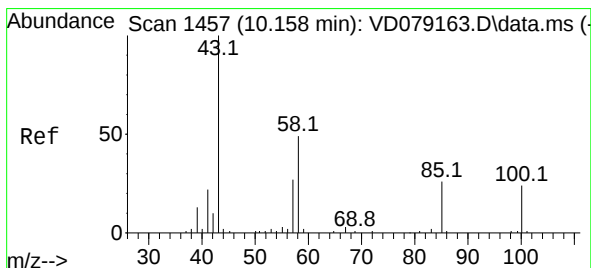
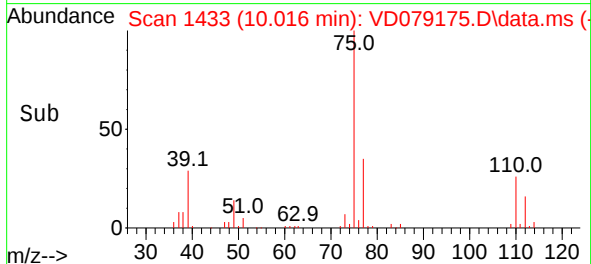
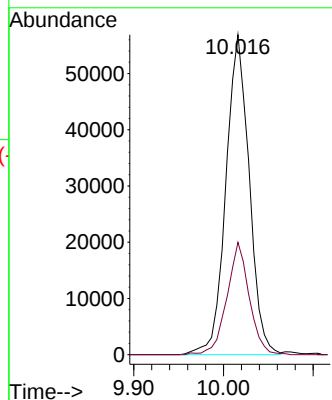
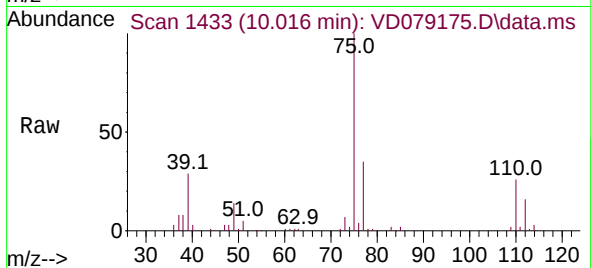
ClientSampleId :

Tgt Ion: 75 Resp: 102590

Ion Ratio Lower Upper

75 100

77 35.1 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 58.883 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

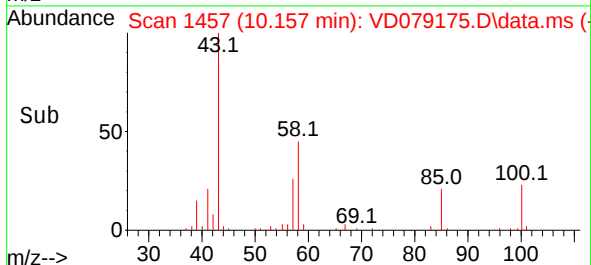
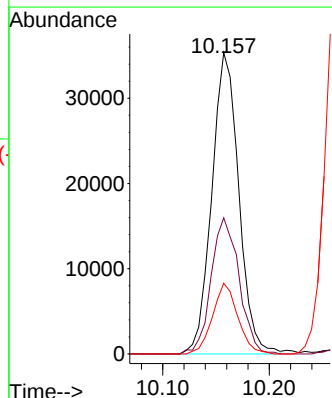
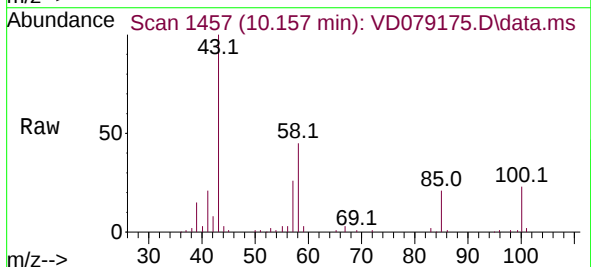
Tgt Ion: 43 Resp: 62110

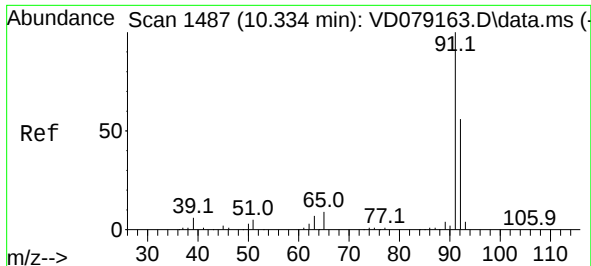
Ion Ratio Lower Upper

43 100

58 46.8 34.0 51.0

100 22.0 16.9 25.3





#42

Toluene

Concen: 25.795 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

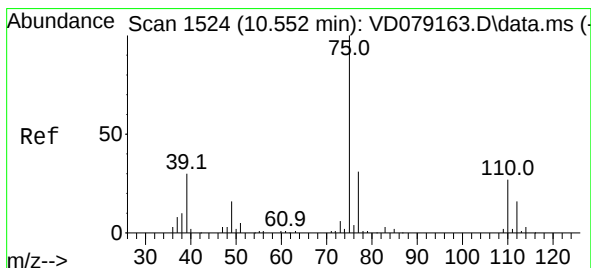
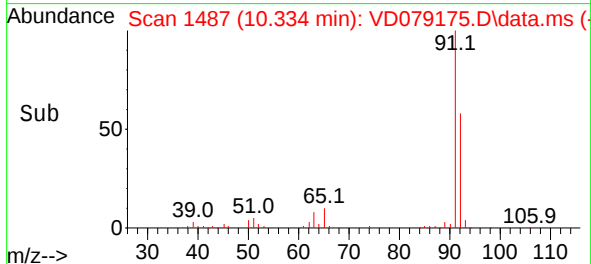
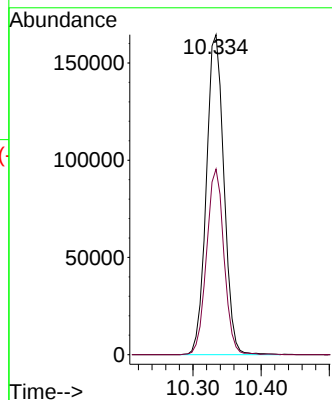
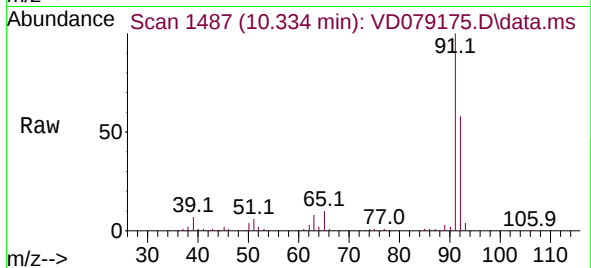
ClientSampleId :

Tgt Ion: 91 Resp: 295476

Ion Ratio Lower Upper

91 100

92 58.0 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 27.317 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079175.D

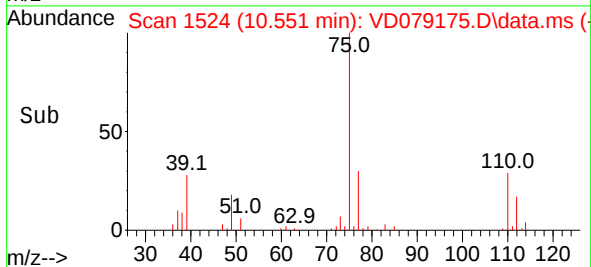
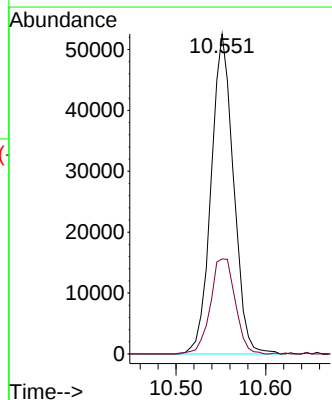
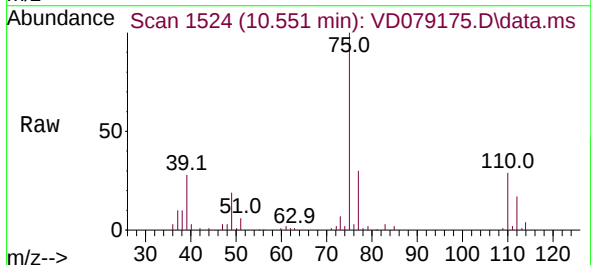
Acq: 11 Jun 2024 21:06

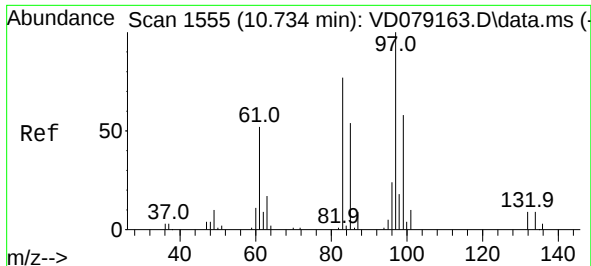
Tgt Ion: 75 Resp: 91115

Ion Ratio Lower Upper

75 100

77 29.7 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 27.248 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

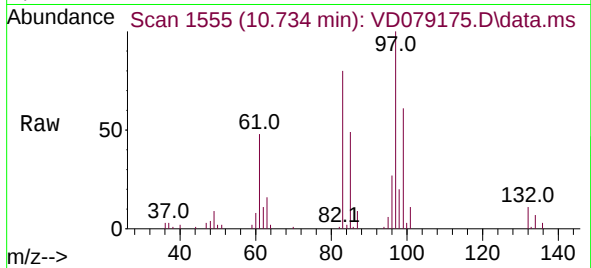
Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 60402

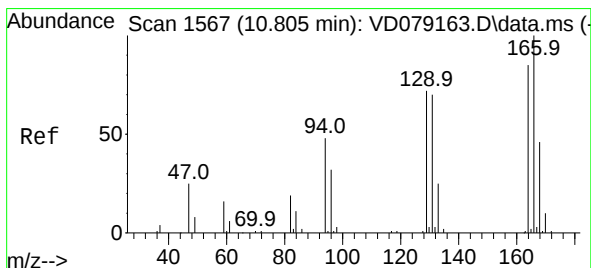
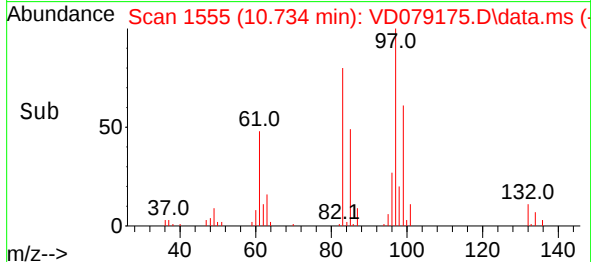
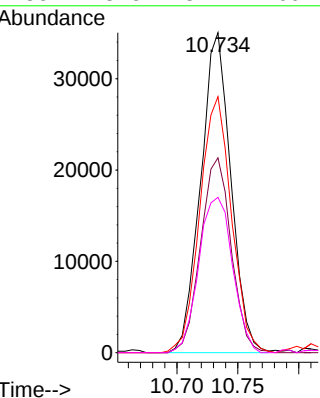
Ion Ratio Lower Upper

97 100

99 60.9 43.0 79.8

83 80.0 58.9 109.5

85 48.5 37.2 69.2



#46

Tetrachloroethene

Concen: 22.728 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Tgt Ion:164 Resp: 53172

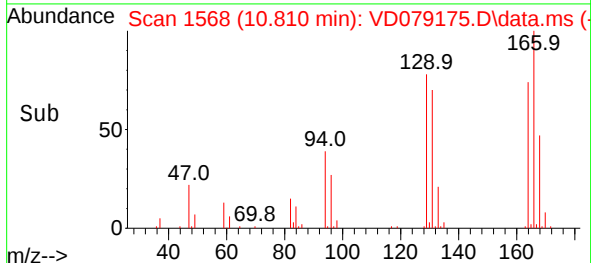
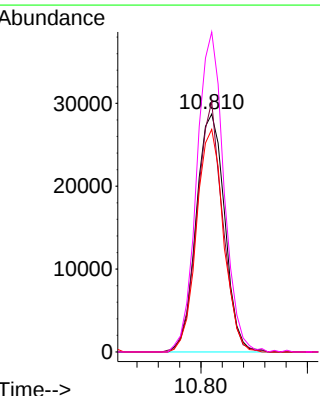
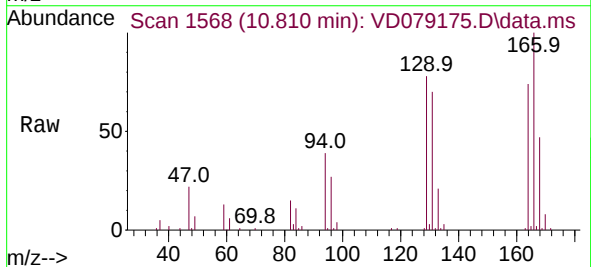
Ion Ratio Lower Upper

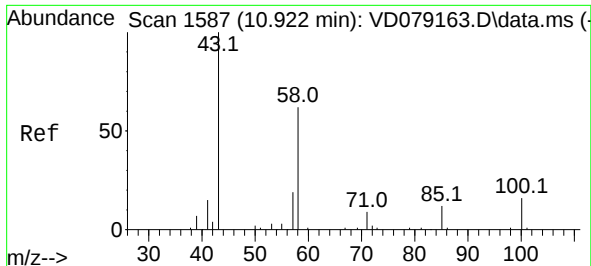
164 100

129 105.3 64.3 119.5

131 93.5 61.2 113.8

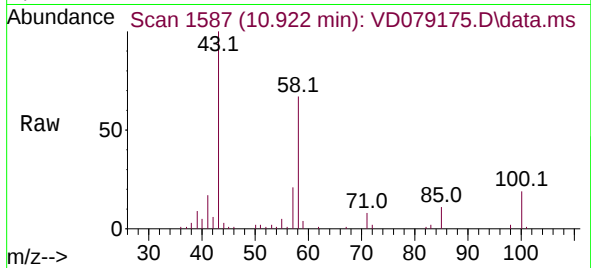
166 134.5 90.0 167.2



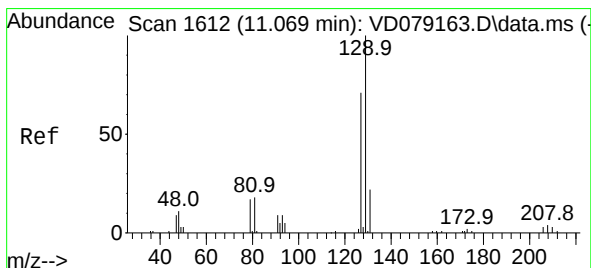
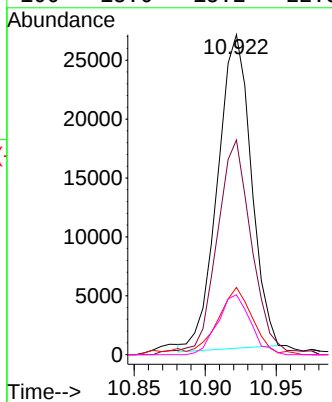
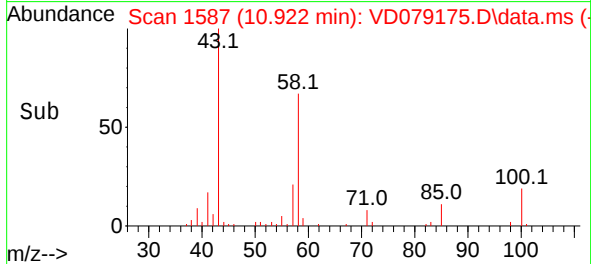


#48
2-Hexanone
Concen: 48.240 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Instrument :
MSVOA_D
ClientSampleId :

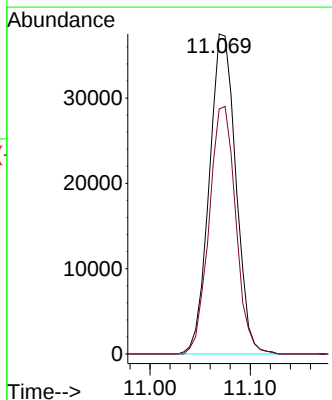
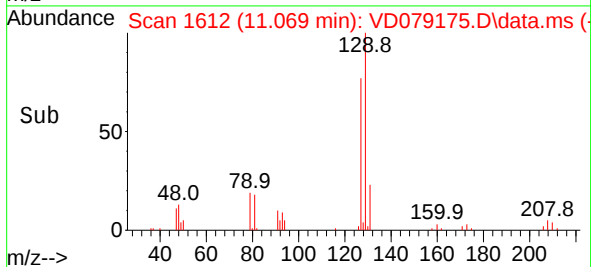
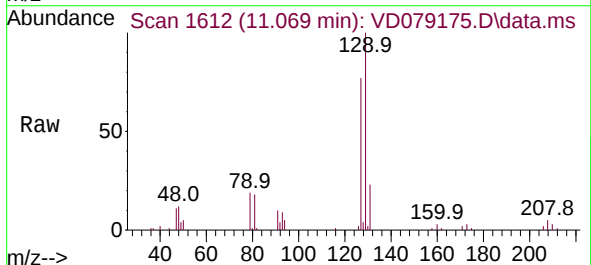


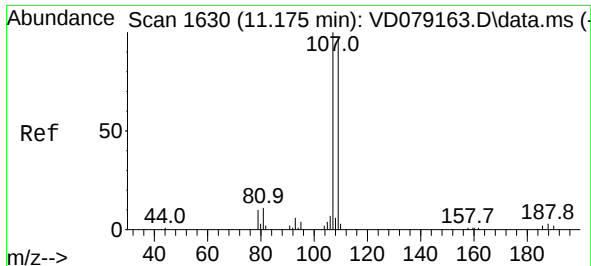
Tgt Ion: 43 Resp: 44030
Ion Ratio Lower Upper
43 100
58 70.6 50.1 75.1
57 21.6 16.5 24.7
100 18.6 15.2 22.8



#49
Dibromochloromethane
Concen: 26.391 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion: 129 Resp: 69279
Ion Ratio Lower Upper
129 100
127 76.6 56.4 104.7





#50

1,2-Dibromoethane

Concen: 27.798 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

ClientSampleId :

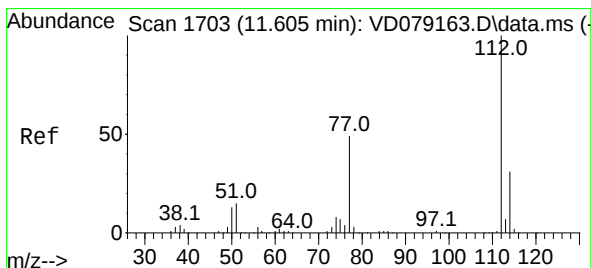
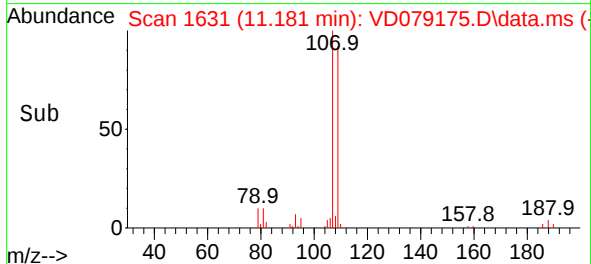
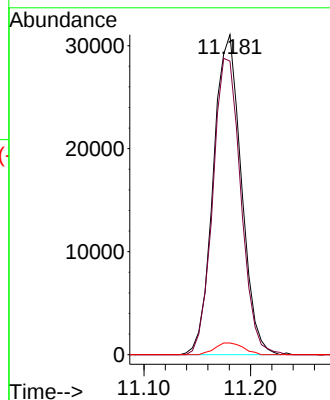
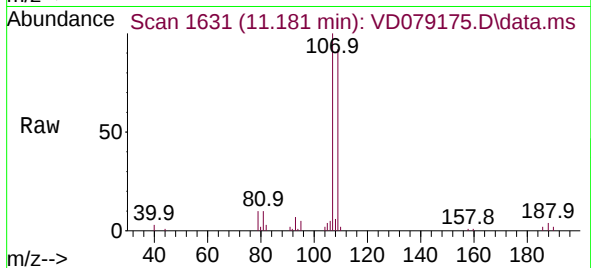
Tgt Ion:107 Resp: 56632

Ion Ratio Lower Upper

107 100

109 91.7 64.5 119.7

188 3.7 2.6 3.8



#51

Chlorobenzene

Concen: 25.553 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

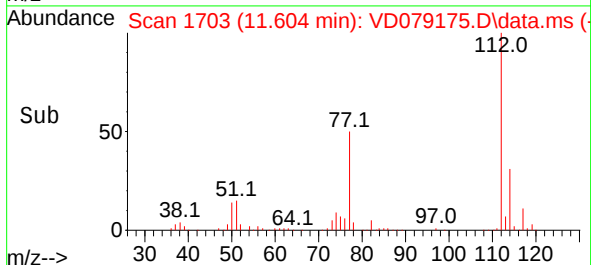
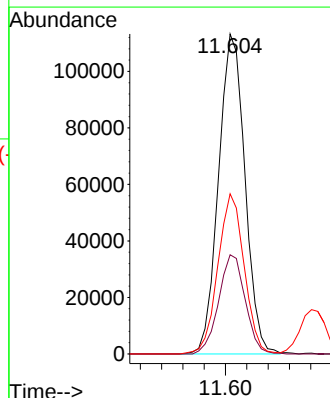
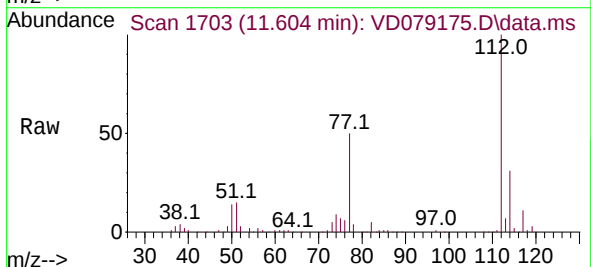
Tgt Ion:112 Resp: 194759

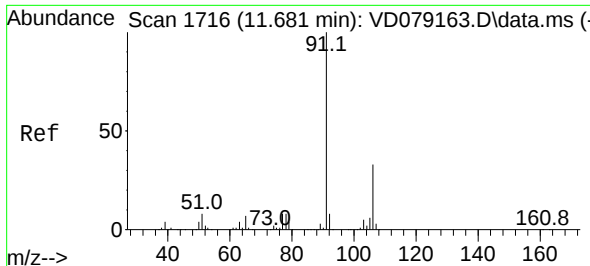
Ion Ratio Lower Upper

112 100

114 31.0 22.7 42.3

77 50.0 38.4 57.6

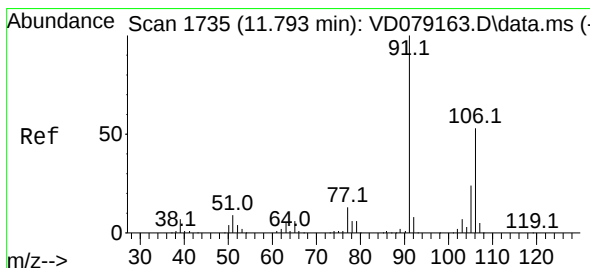
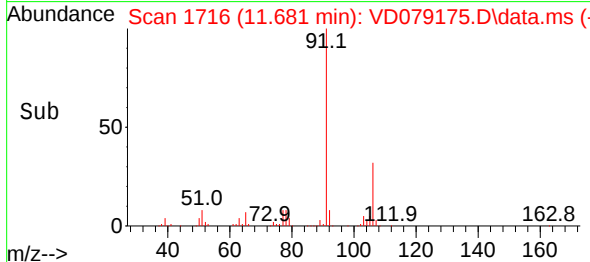
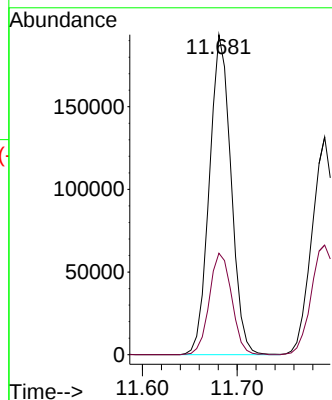
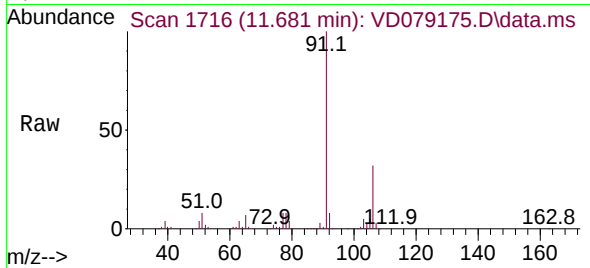




#52
Ethylbenzene
Concen: 25.712 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

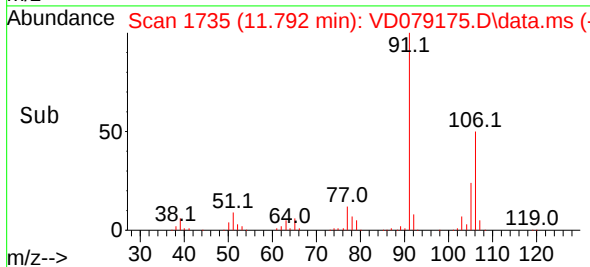
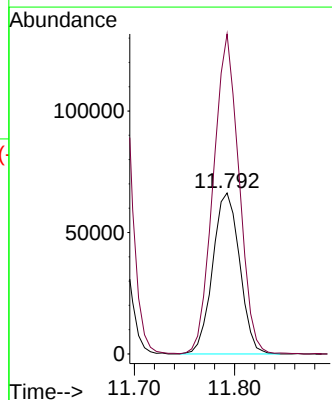
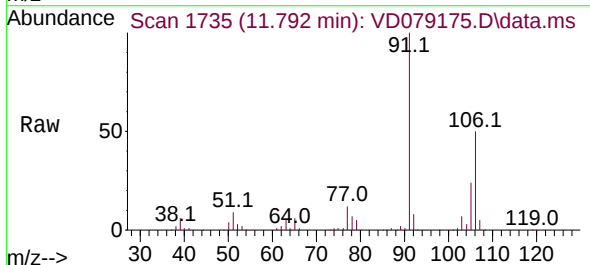
Instrument :
MSVOA_D
ClientSampleId :

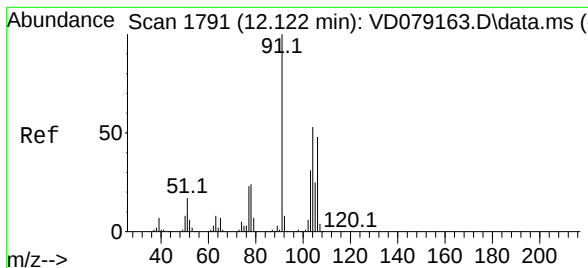
Tgt Ion: 91 Resp: 307224
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.5



#53
m,p-Xylene
Concen: 26.365 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion: 106 Resp: 123597
Ion Ratio Lower Upper
106 100
91 198.8 133.1 247.1

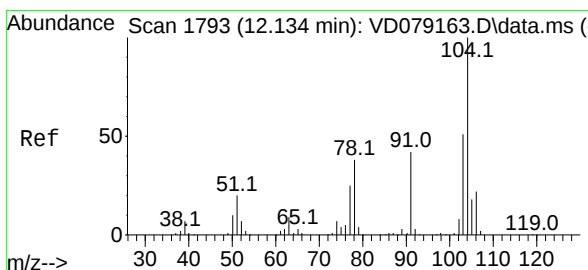
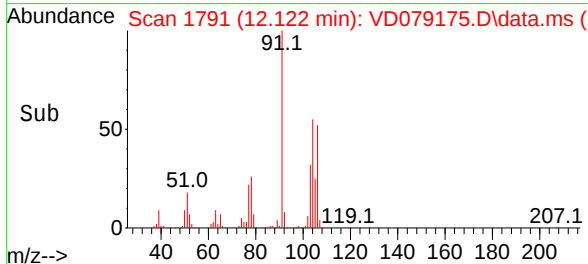
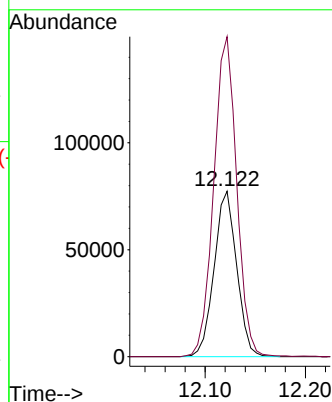
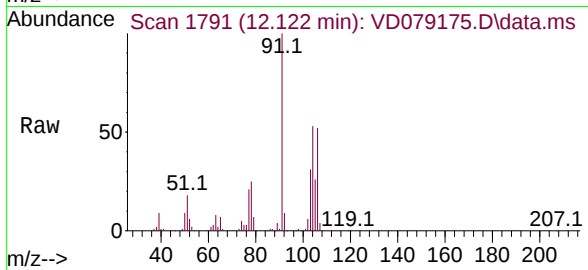




#54
o-Xylene
Concen: 26.673 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

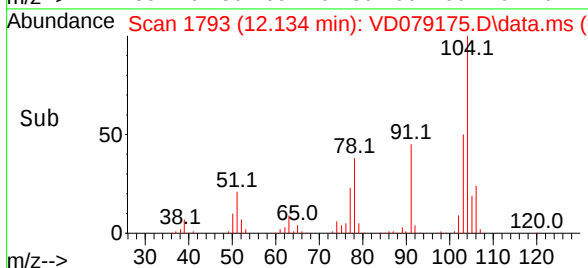
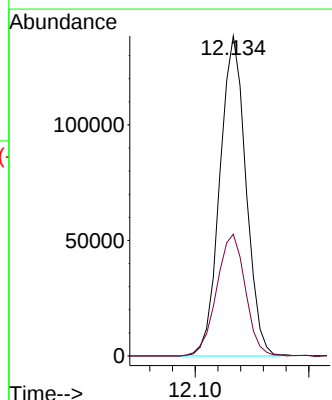
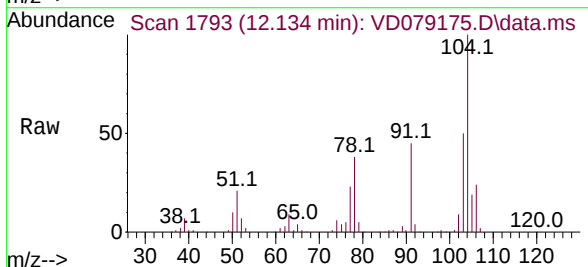
Instrument :
MSVOA_D
ClientSampleId :

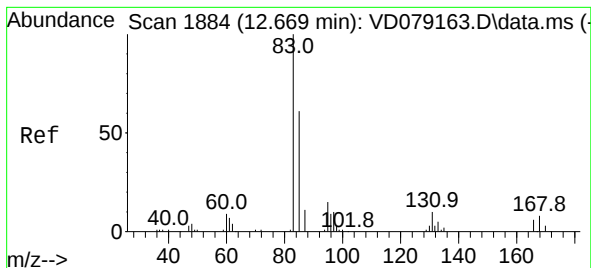
Tgt Ion:106 Resp: 120806
Ion Ratio Lower Upper
106 100
91 193.5 132.9 246.9



#55
Styrene
Concen: 27.500 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion:104 Resp: 220847
Ion Ratio Lower Upper
104 100
78 38.0 27.8 51.6

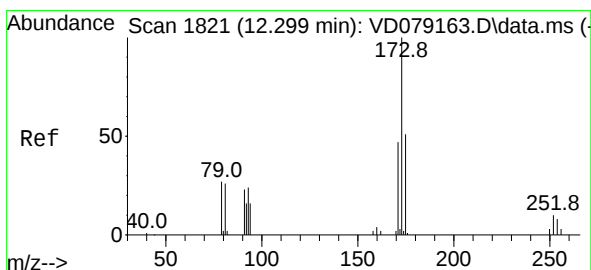
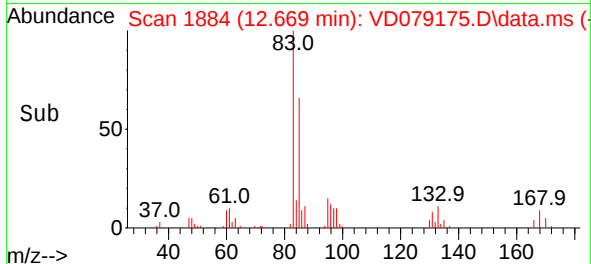
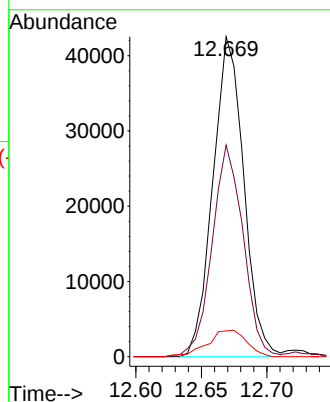
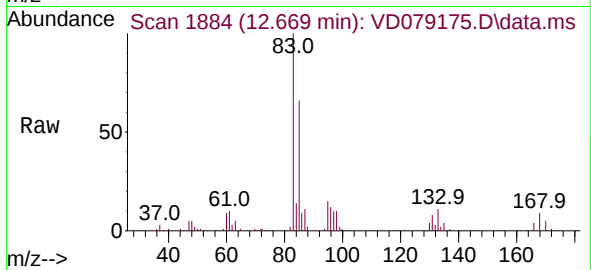




#57
1,1,2,2-Tetrachloroethane
Concen: 28.041 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

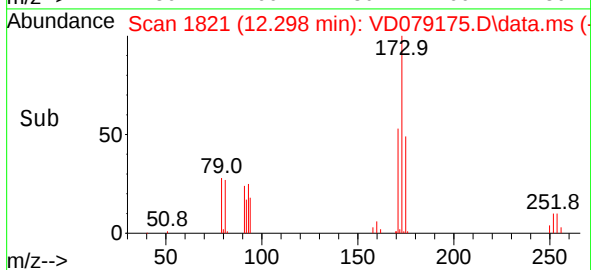
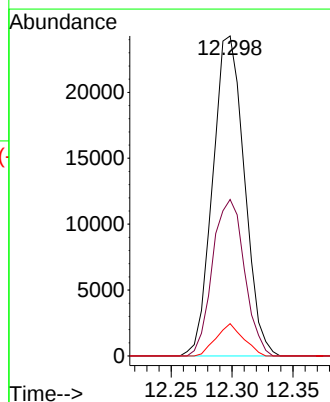
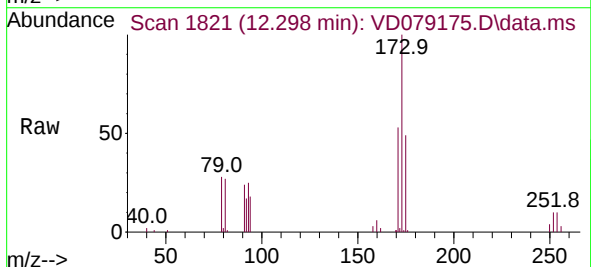
Instrument :
MSVOA_D
ClientSampleId :

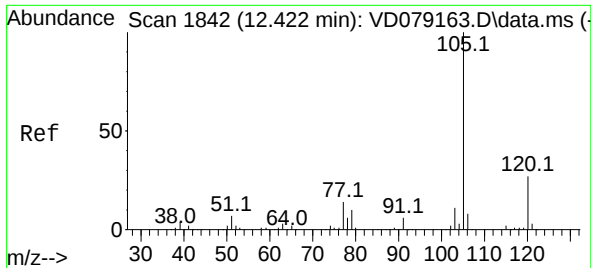
Tgt Ion: 83 Resp: 69580
Ion Ratio Lower Upper
83 100
85 66.1 47.5 88.1
131 8.0 8.6 13.0#



#59
Bromoform
Concen: 26.739 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion:173 Resp: 43873
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.4
254 8.7 7.0 10.6

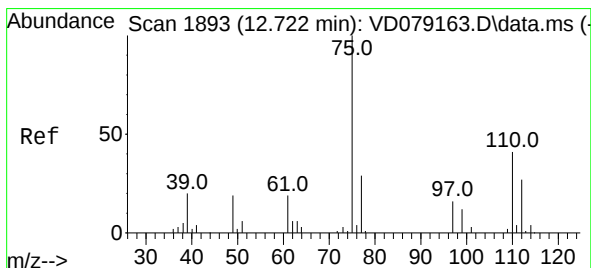
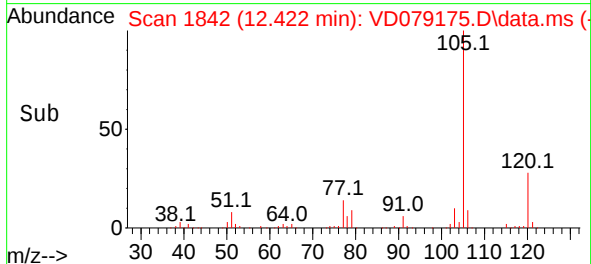
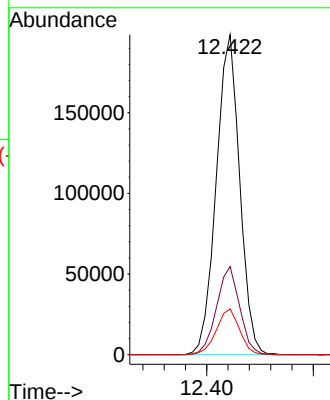
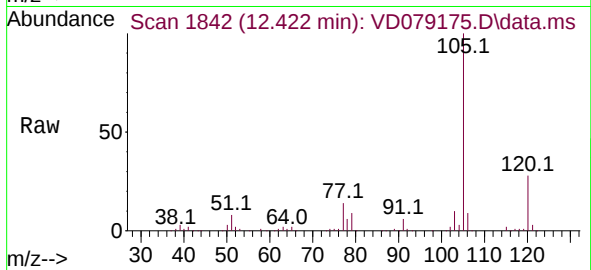




#60
Isopropylbenzene
Concen: 25.569 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

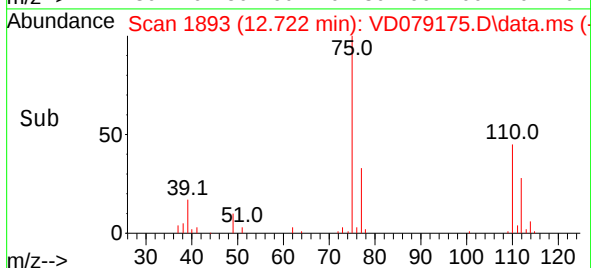
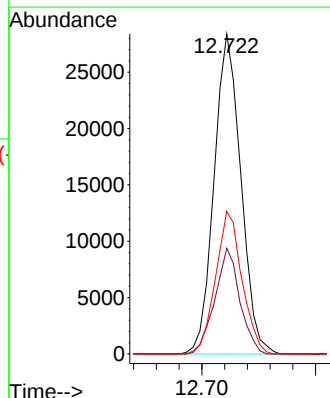
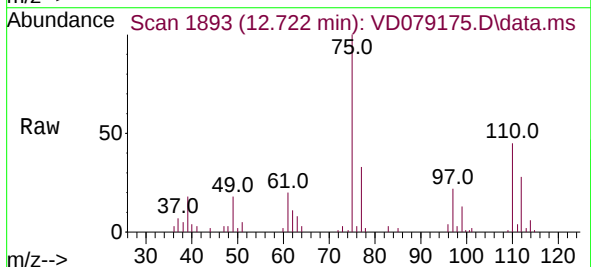
Instrument :
MSVOA_D
ClientSampleId :

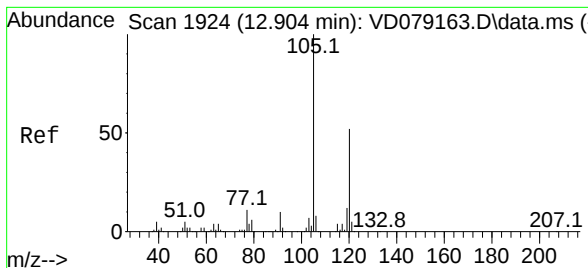
Tgt Ion:105 Resp: 302673
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 14.2 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 29.377 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion: 75 Resp: 46431
Ion Ratio Lower Upper
75 100
77 30.7 25.9 38.9
110 44.0 34.2 51.4

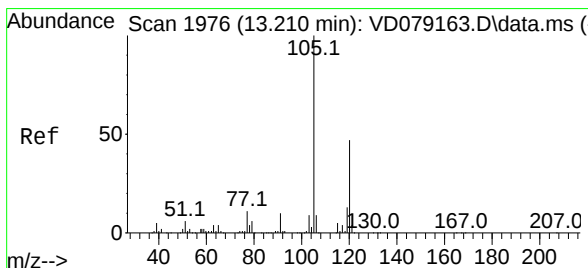
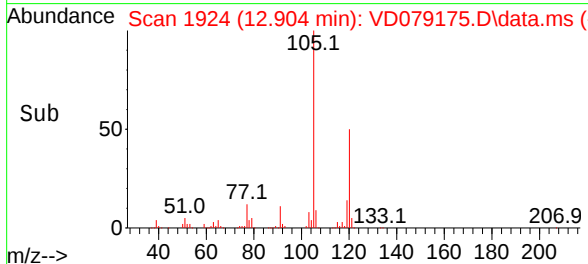
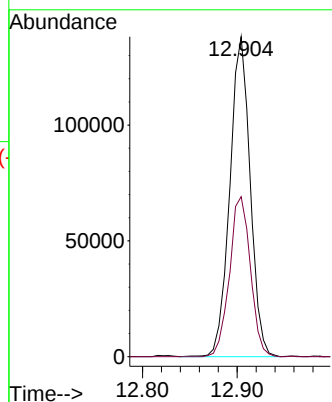
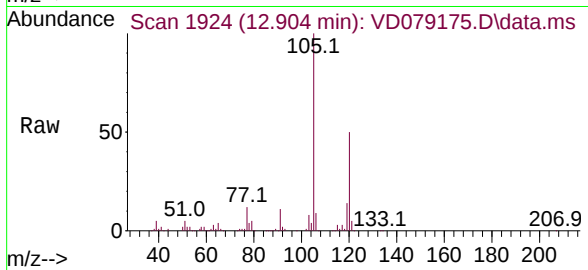




#62
1,3,5-Trimethylbenzene
Concen: 25.495 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

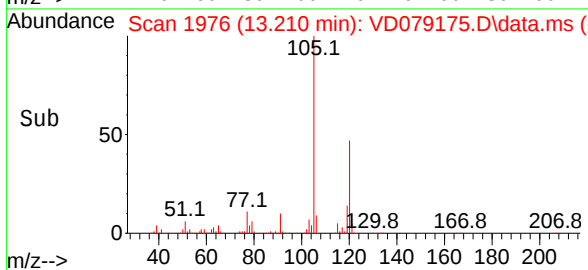
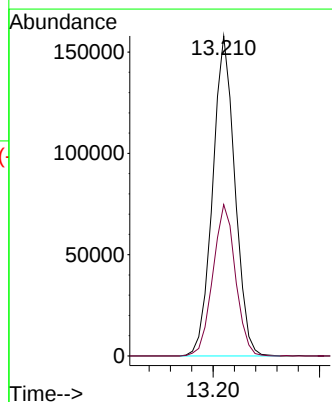
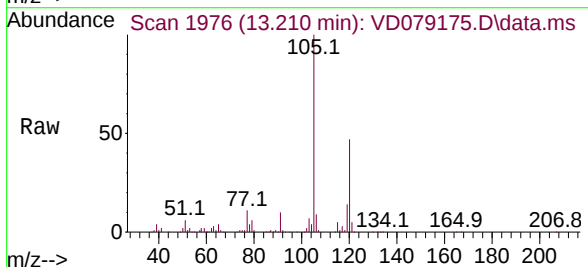
Instrument :
MSVOA_D
ClientSampleId :

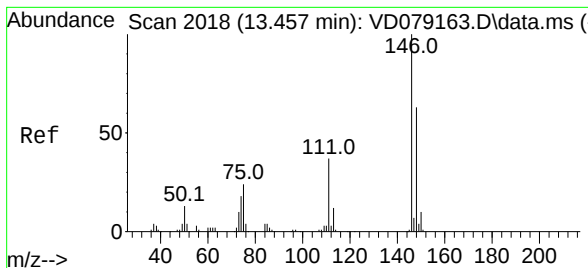
Tgt Ion:105 Resp: 206342
Ion Ratio Lower Upper
105 100
120 51.3 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 26.433 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion:105 Resp: 228820
Ion Ratio Lower Upper
105 100
120 48.0 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 25.266 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

ClientSampleId :

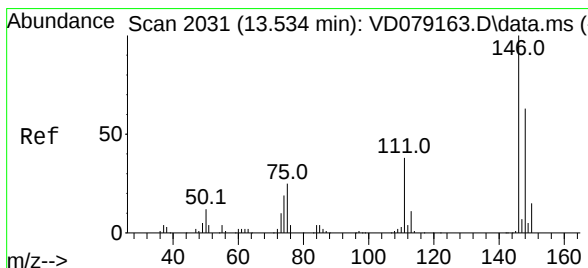
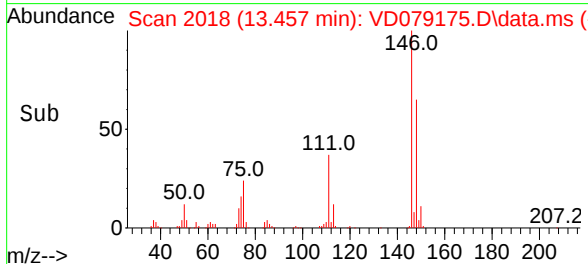
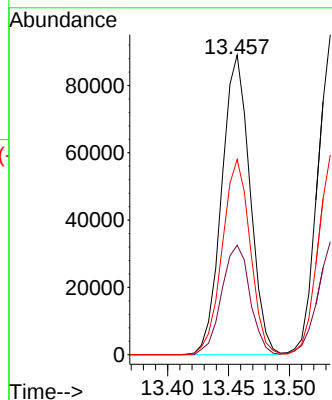
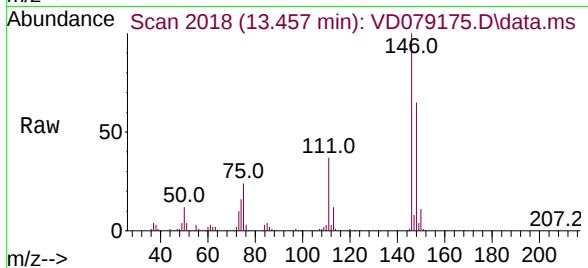
Tgt Ion:146 Resp: 143680

Ion Ratio Lower Upper

146 100

111 36.5 24.4 45.4

148 65.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 25.476 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

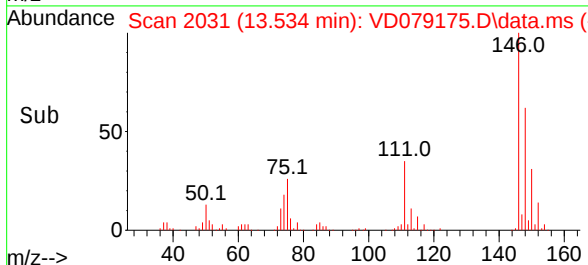
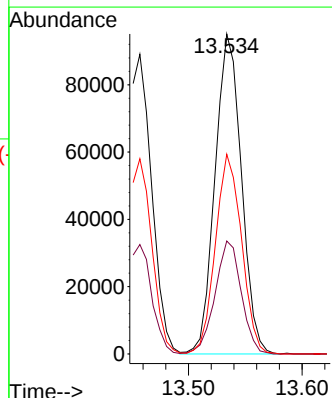
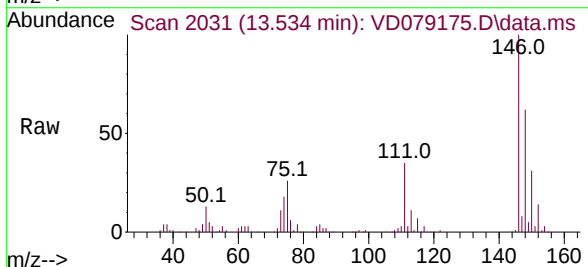
Tgt Ion:146 Resp: 153503

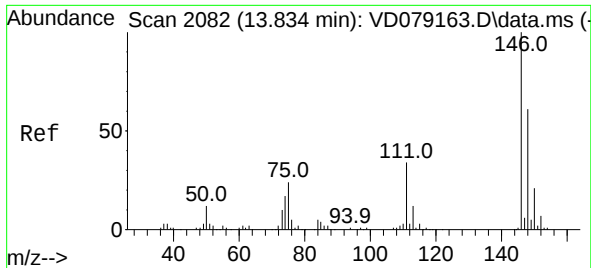
Ion Ratio Lower Upper

146 100

111 35.3 26.3 48.9

148 62.4 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.437 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

ClientSampleId :

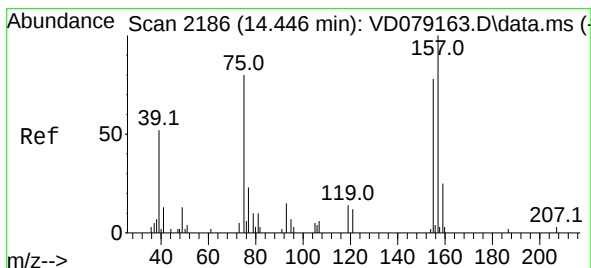
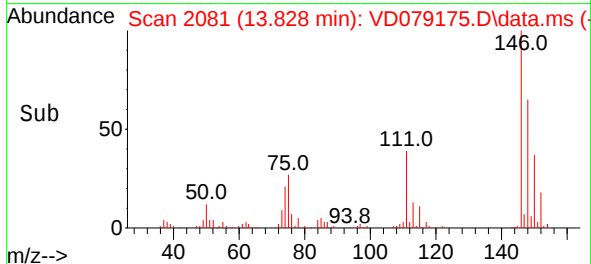
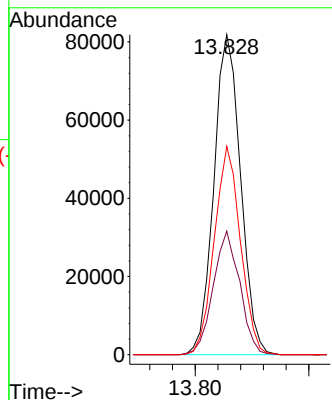
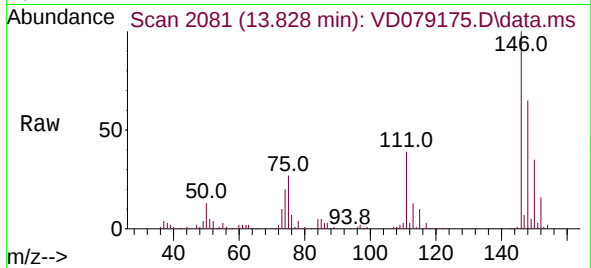
Tgt Ion:146 Resp: 133720

Ion Ratio Lower Upper

146 100

111 38.6 29.1 43.7

148 65.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 28.688 ug/L

RT: 14.439 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

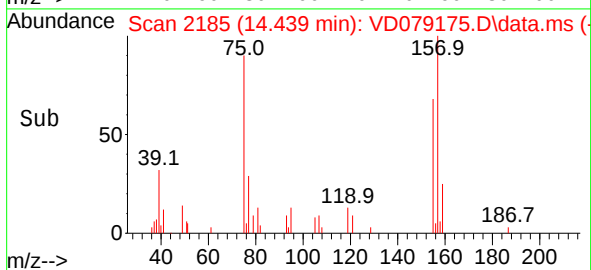
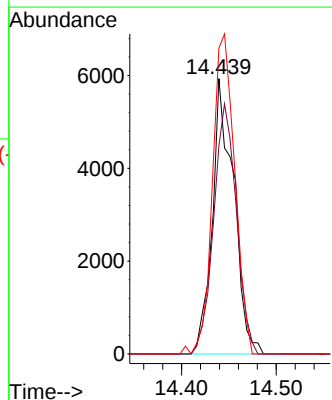
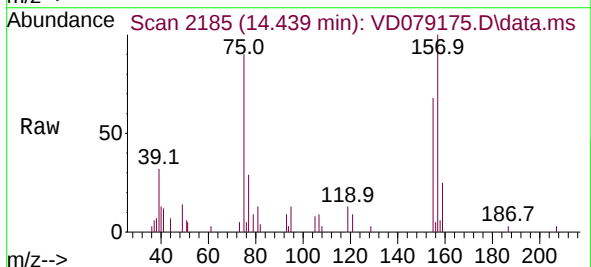
Tgt Ion: 75 Resp: 9321

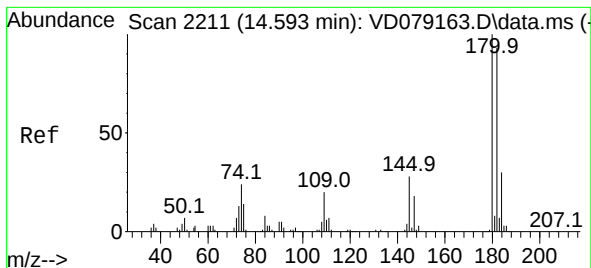
Ion Ratio Lower Upper

75 100

155 75.6 68.1 102.1

157 111.1 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 23.838 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min MSVOA_D

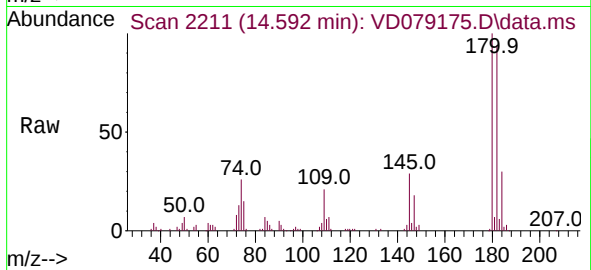
Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 85498

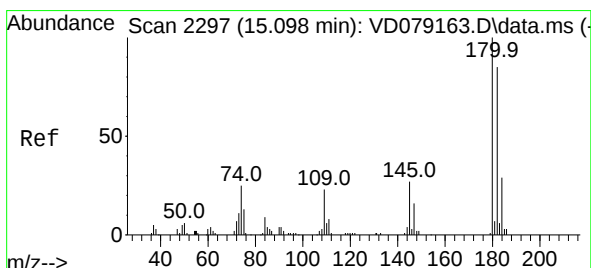
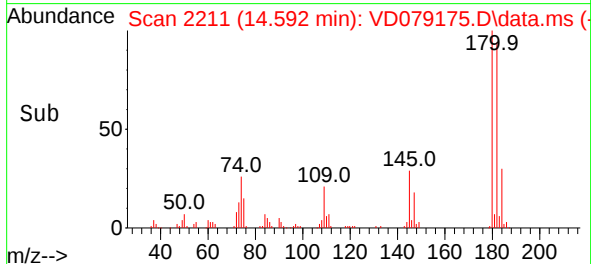
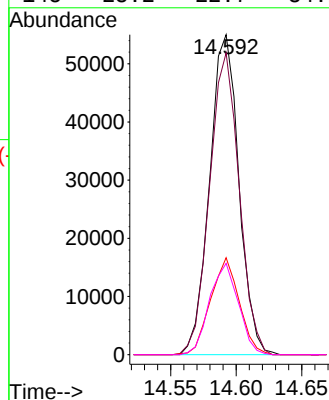
Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

184 29.6 23.3 34.9

145 28.2 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 23.132 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079175.D

Acq: 11 Jun 2024 21:06

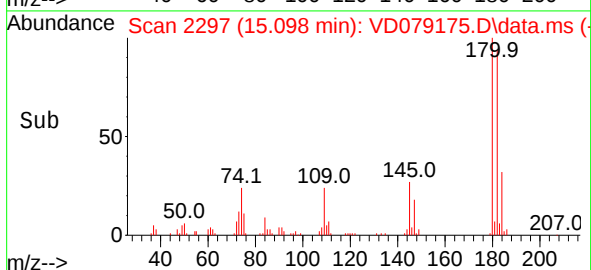
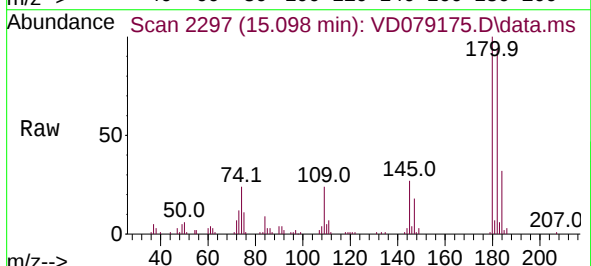
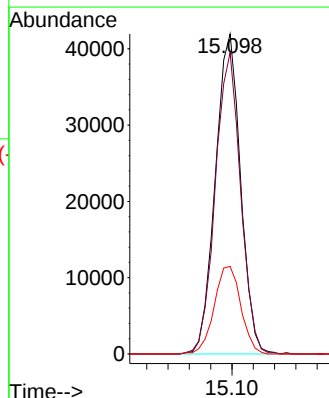
Tgt Ion:180 Resp: 68902

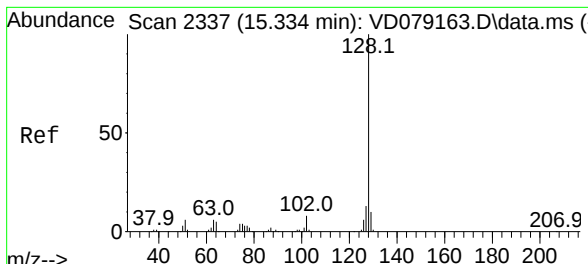
Ion Ratio Lower Upper

180 100

182 94.4 73.8 110.6

145 28.9 22.3 33.5



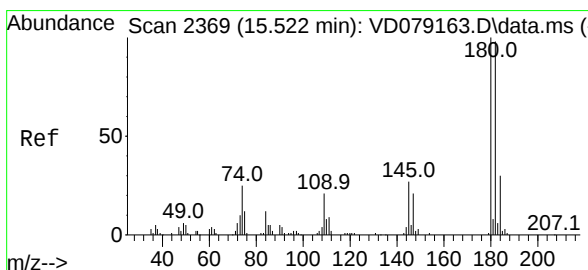
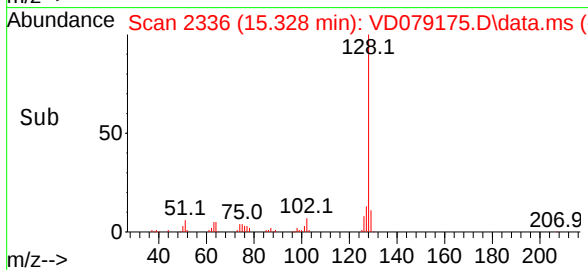
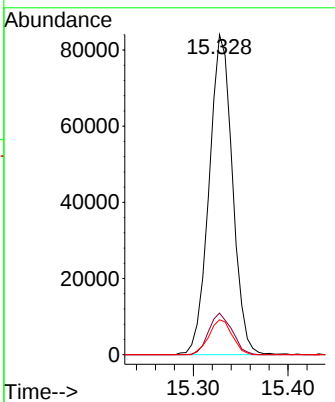
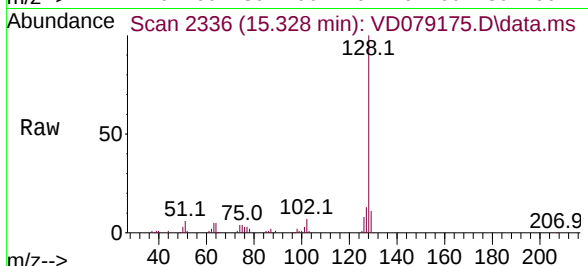


#71
Naphthalene
Concen: 25.847 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 143983

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.849 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079175.D
Acq: 11 Jun 2024 21:06

Tgt Ion:180 Resp: 66547

Ion	Ratio	Lower	Upper
180	100		
182	96.6	79.4	119.2
145	31.6	24.7	37.1

