

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056280.D
 Acq On : 14 Nov 2023 02:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:48:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	281690	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	266763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	129848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101469	4.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.908	69	89952	5.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.564	65	44314	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.618	46	223084	53.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.200%
24) Chloroform-d	5.055	84	212574	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.695	65	99834	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	398456	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.686	67	125761	5.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.894	98	349369	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.174	79	48079	5.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.628	63	201278	55.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93319	5.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	117433	4.896	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	114969	5.151	ug/L	99
3) Chloromethane	1.519	50	127575	5.594	ug/L	95
5) Vinyl chloride	1.602	62	120238	5.472	ug/L	99
6) Bromomethane	1.853	94	62913	5.656	ug/L	96
8) Chloroethane	1.930	64	78627	5.857	ug/L	97
9) Trichlorofluoromethane	2.136	101	165210	5.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	94189	5.010	ug/L	99
12) 1,1-Dichloroethene	2.576	96	90759	5.263	ug/L	98
13) Acetone	2.625	43	142941	39.947	ug/L	99
14) Carbon disulfide	2.792	76	285655	5.091	ug/L	98
15) Methyl Acetate	2.946	43	35420	5.562	ug/L	99
16) Methylene chloride	3.039	84	116318	5.097	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	243500	5.812	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	96676	5.449	ug/L	98
19) 1,1-Dichloroethane	3.863	63	199749	5.684	ug/L	97
21) 2-Butanone	4.695	43	228100	49.126	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	112018	5.567	ug/L	97
23) Bromochloromethane	4.969	128	48545	5.862	ug/L	94
25) Chloroform	5.081	83	210852	5.538	ug/L	97

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 MSVOA_U
 ClientSampleId :

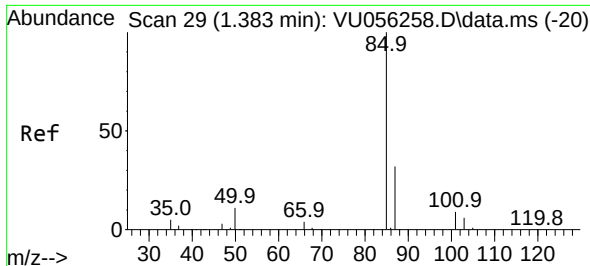
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	122550	5.669	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	170714	5.575	ug/L	100
30) Cyclohexane	5.383	56	142089	4.889	ug/L	98
31) Carbon tetrachloride	5.518	117	141286	5.372	ug/L	98
33) Benzene	5.769	78	433162	5.691	ug/L	100
34) Trichloroethene	6.538	95	112444	5.422	ug/L	96
35) Methylcyclohexane	6.760	83	149081	4.979	ug/L	99
37) 1,2-Dichloropropane	6.782	63	113598	5.723	ug/L	100
38) Bromodichloromethane	7.100	83	144414	5.636	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	162790	5.581	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	579700	58.915	ug/L	99
42) Toluene	7.965	91	436284	5.536	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	133113	5.725	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	79153	5.987	ug/L	94
47) Tetrachloroethene	8.547	164	74200	5.306	ug/L	96
48) 2-Hexanone	8.679	43	415899	54.255	ug/L	99
49) Dibromochloromethane	8.804	129	87032	5.789	ug/L	96
50) 1,2-Dibromoethane	8.920	107	70733	5.668	ug/L #	99
51) Chlorobenzene	9.441	112	274086	5.413	ug/L	99
52) Ethylbenzene	9.566	91	463524	5.297	ug/L	100
53) m,p-Xylene	9.689	106	175482	5.455	ug/L	98
54) o-Xylene	10.097	106	168975	5.407	ug/L	99
55) Styrene	10.110	104	287185	5.525	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	94546	5.857	ug/L	97
59) Bromoform	10.283	173	48544	6.002	ug/L	97
60) Isopropylbenzene	10.480	105	444376	5.307	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	68405	6.140	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	368351	5.357	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	370403	5.458	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	207356	5.443	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	202026	5.287	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	191441	5.478	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	13822	5.808	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	150182	5.237	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	118884	5.089	ug/L	99
71) Naphthalene	14.081	128	178730	5.064	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	100189	5.207	ug/L	98

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

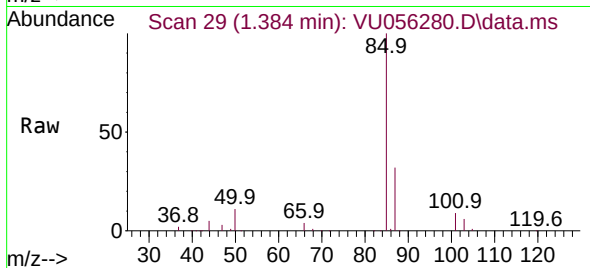
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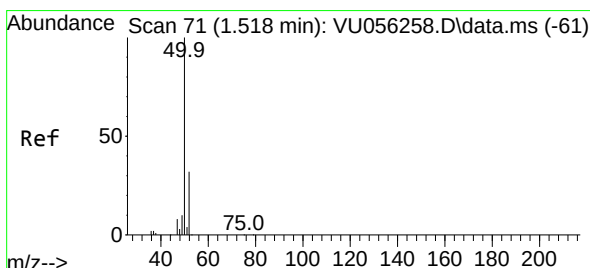
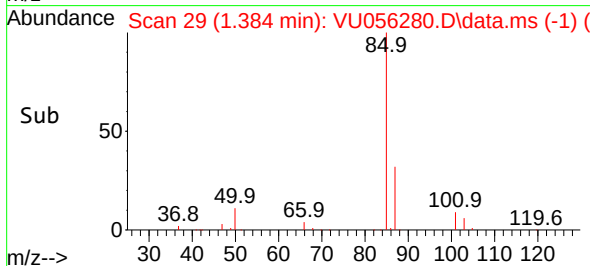
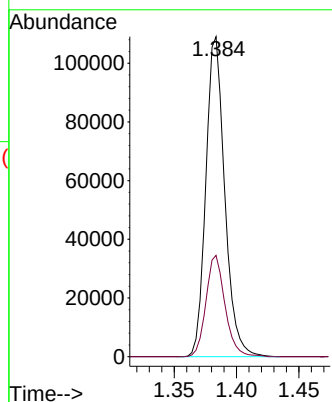


#2
 Dichlorodifluoromethane
 Concen: 5.151 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

Instrument :
 MSVOA_U
 ClientSampleId :

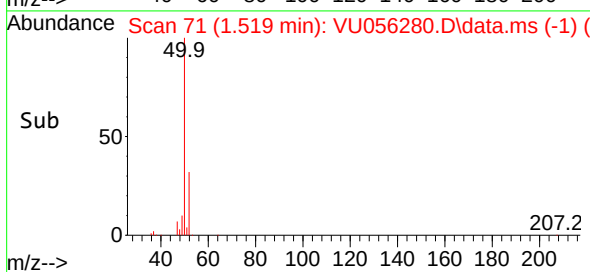
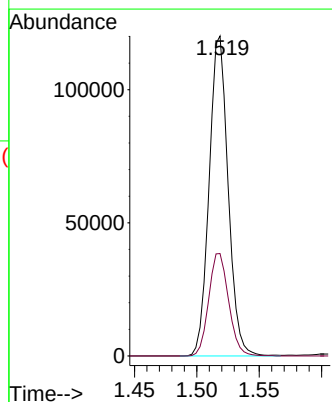
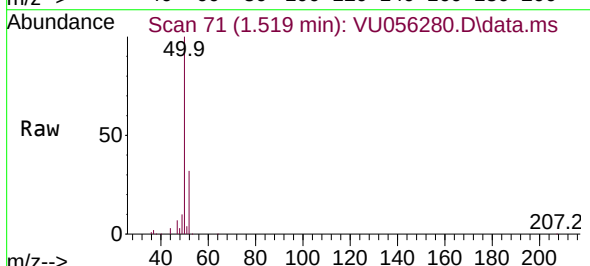


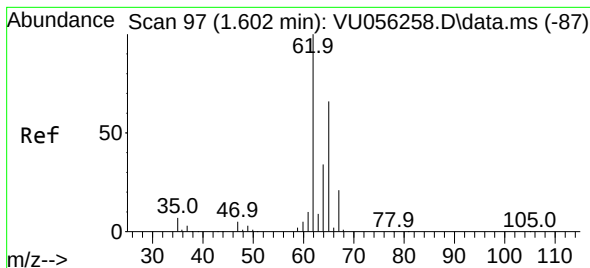
Tgt Ion: 85 Resp: 114969
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.0 37.4



#3
 Chloromethane
 Concen: 5.594 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

Tgt Ion: 50 Resp: 127575
 Ion Ratio Lower Upper
 50 100
 52 32.0 24.3 45.1





#5

Vinyl chloride

Concen: 5.472 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

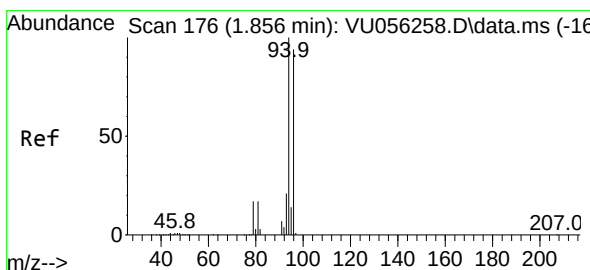
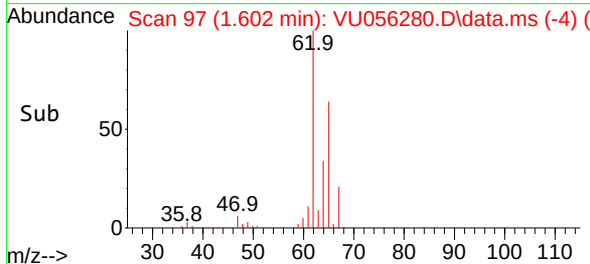
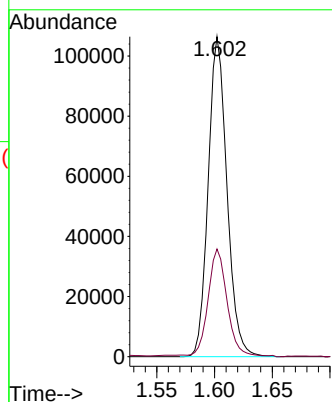
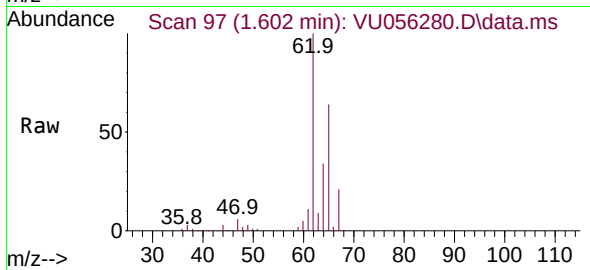
ClientSampleId :

Tgt Ion: 62 Resp: 120238

Ion Ratio Lower Upper

62 100

64 33.6 23.3 43.3



#6

Bromomethane

Concen: 5.656 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU056280.D

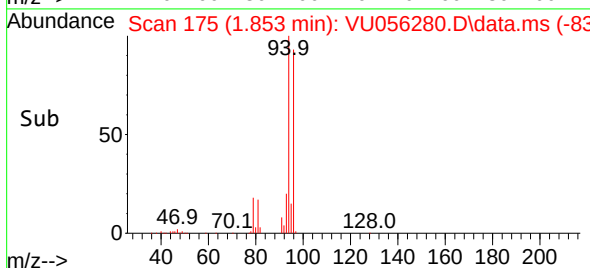
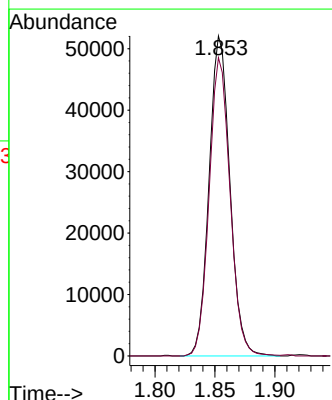
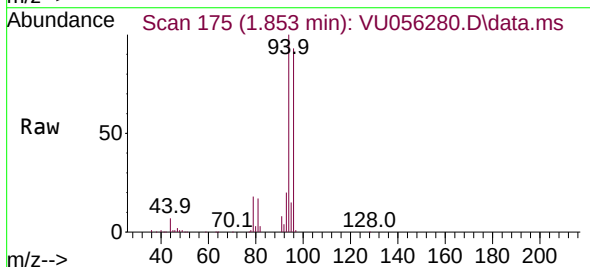
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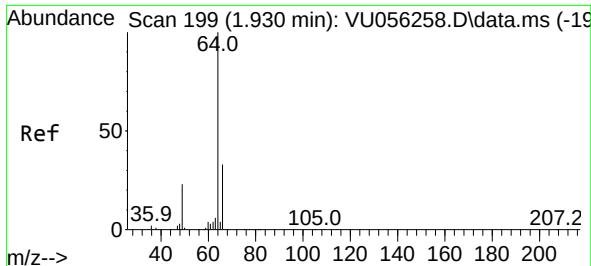
Tgt Ion: 94 Resp: 62913

Ion Ratio Lower Upper

94 100

96 93.2 62.6 116.2

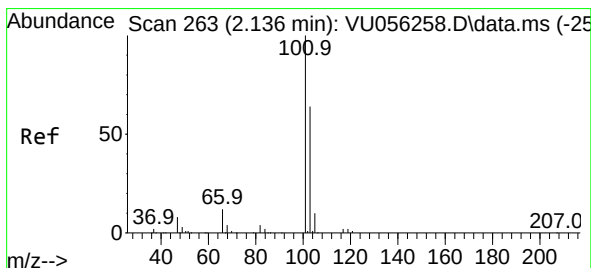
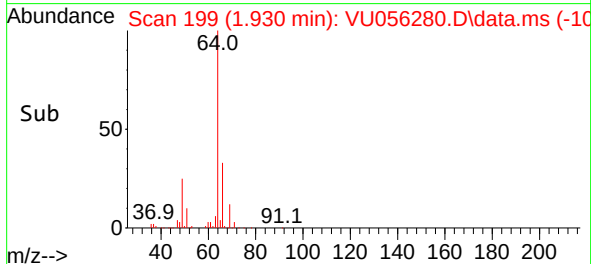
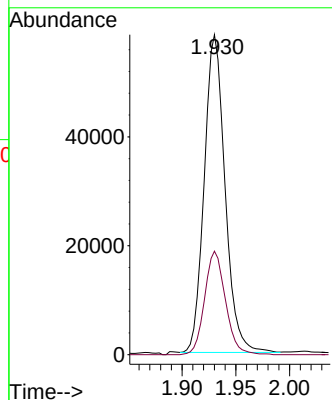
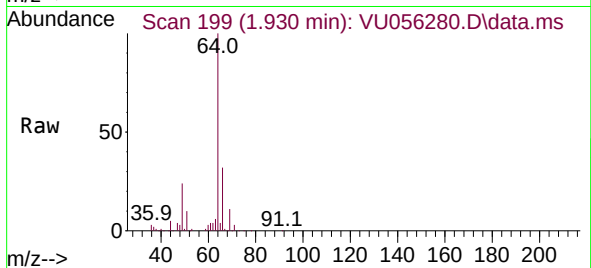




#8
Chloroethane
Concen: 5.857 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

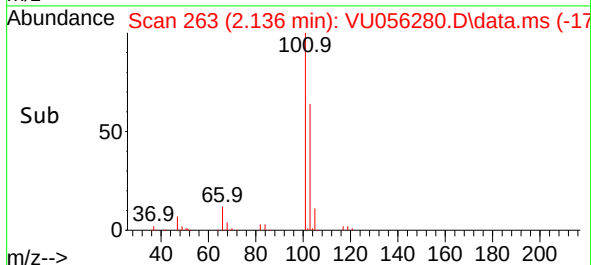
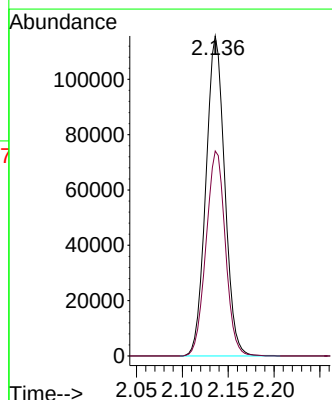
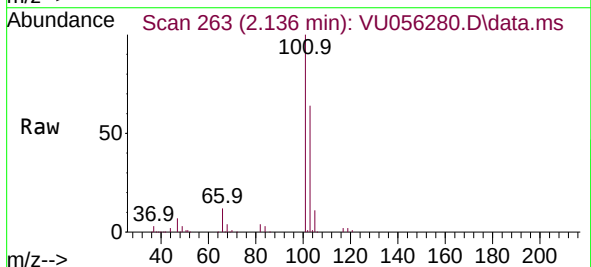
Instrument :
MSVOA_U
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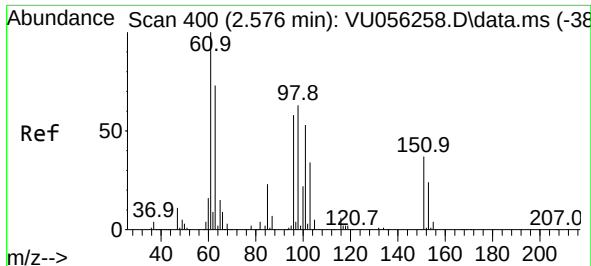
Tgt Ion: 64 Resp: 78627
Ion Ratio Lower Upper
64 100
66 32.3 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.217 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

Tgt Ion: 101 Resp: 165210
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0

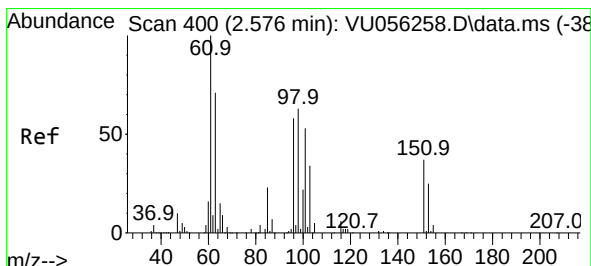
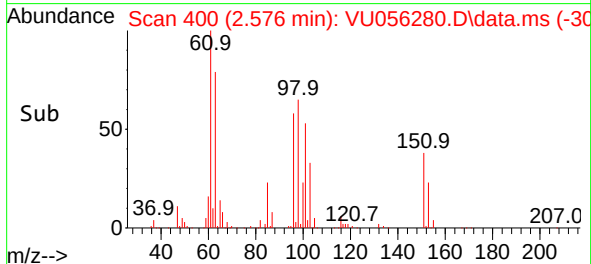
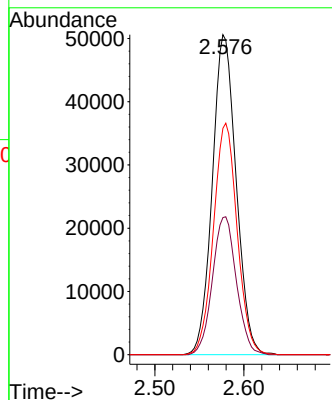
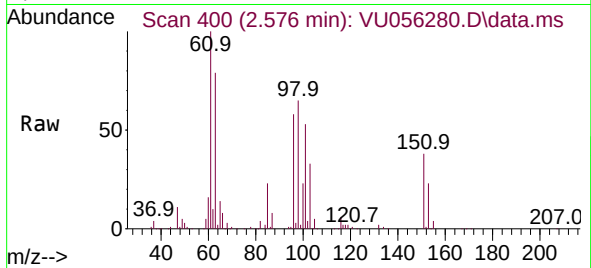




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.010 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

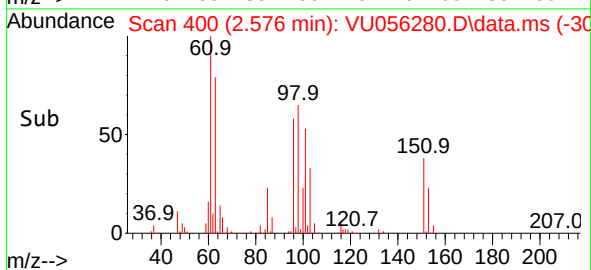
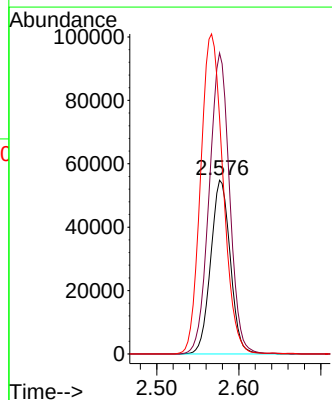
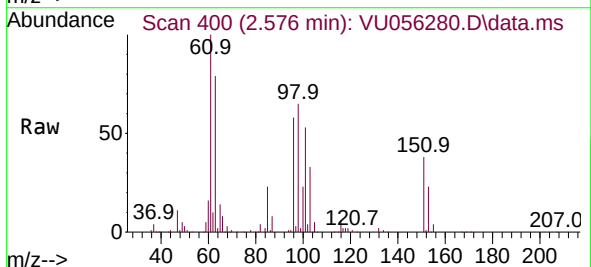
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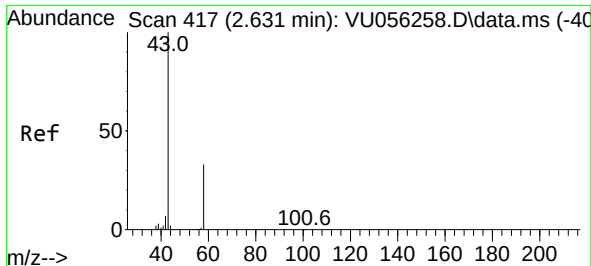
Tgt Ion:101 Resp: 94189
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.4 53.0
 151 72.1 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.263 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

Tgt Ion: 96 Resp: 90759
 Ion Ratio Lower Upper
 96 100
 61 173.1 123.1 228.7
 63 135.9 93.3 173.3





#13

Acetone

Concen: 39.947 ug/L

RT: 2.625 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

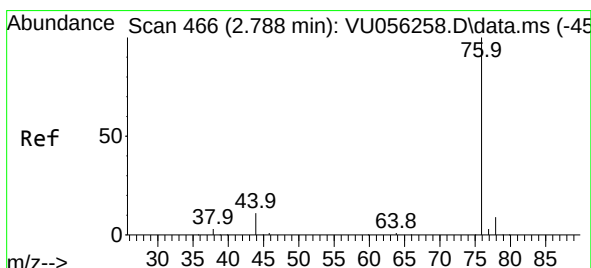
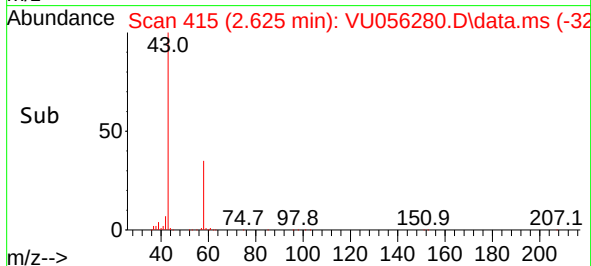
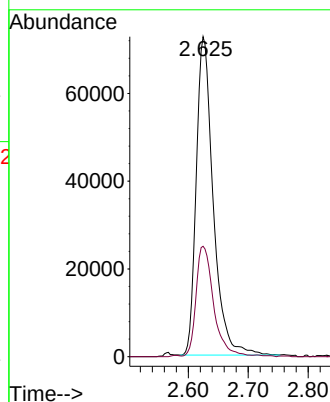
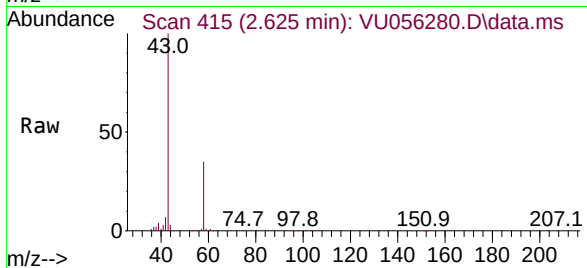
ClientSampleId :

Tgt Ion: 43 Resp: 142941

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.0



#14

Carbon disulfide

Concen: 5.091 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056280.D

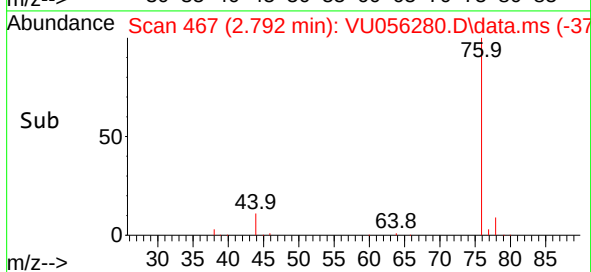
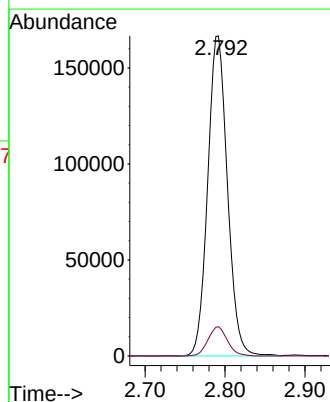
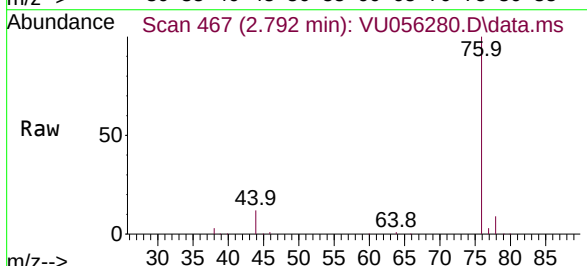
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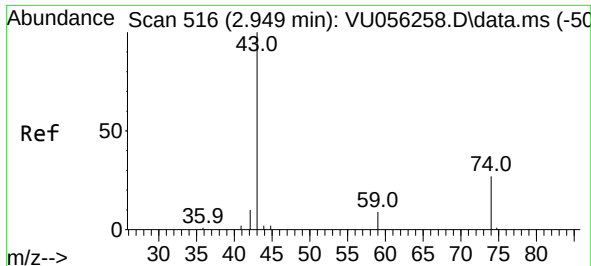
Tgt Ion: 76 Resp: 285655

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

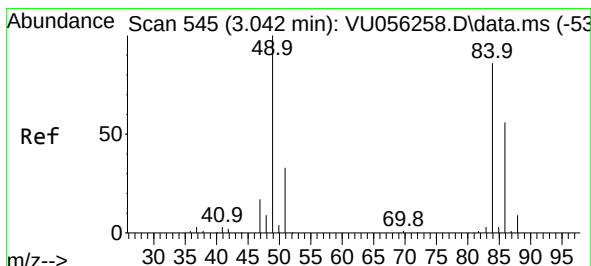
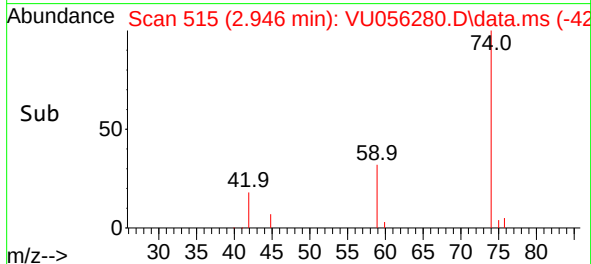
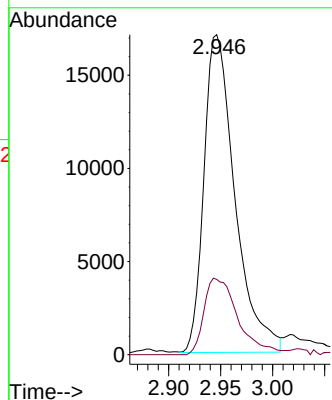
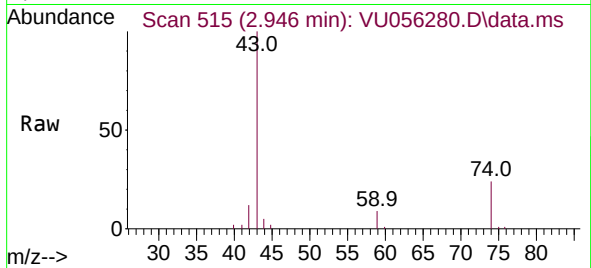




#15
Methyl Acetate
Concen: 5.562 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

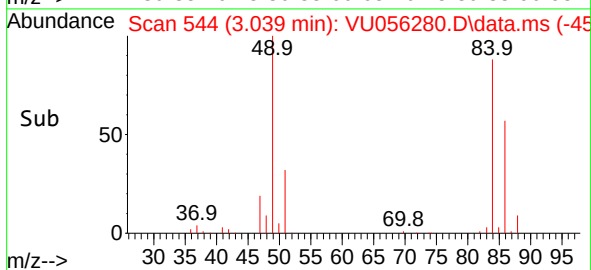
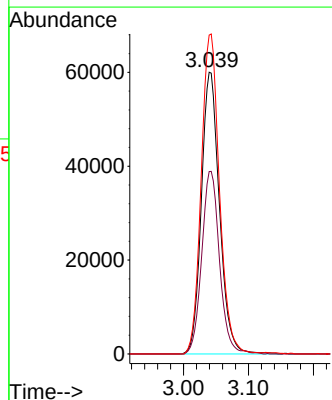
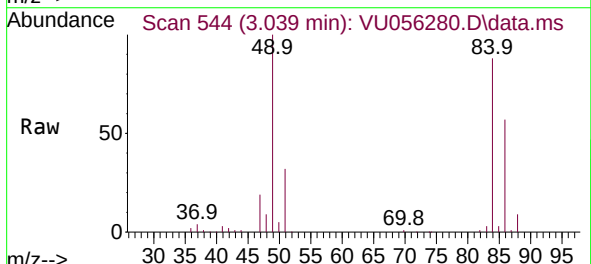
Instrument :
MSVOA_U
ClientSampleId :

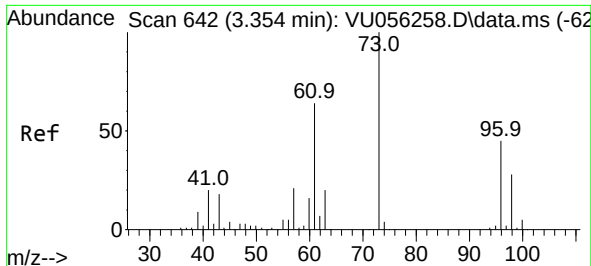
Tgt Ion: 43 Resp: 35420
Ion Ratio Lower Upper
43 100
74 26.5 20.6 31.0



#16
Methylene chloride
Concen: 5.097 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

Tgt Ion: 84 Resp: 116318
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 113.2 81.8 152.0





#17

Methyl tert-butyl Ether

Concen: 5.812 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :

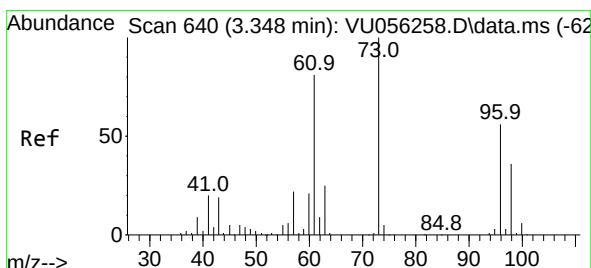
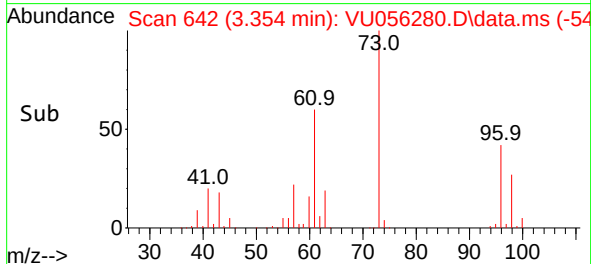
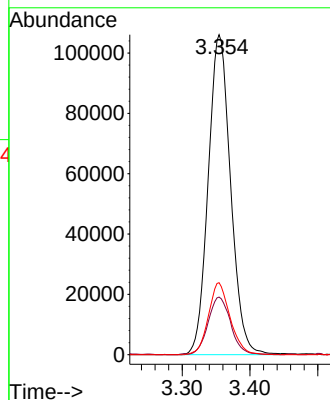
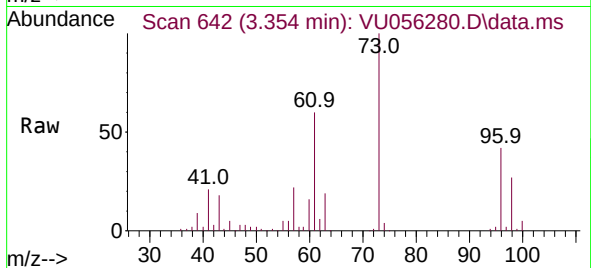
Tgt Ion: 73 Resp: 243500

Ion Ratio Lower Upper

73 100

43 17.8 15.1 22.7

57 21.7 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.449 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

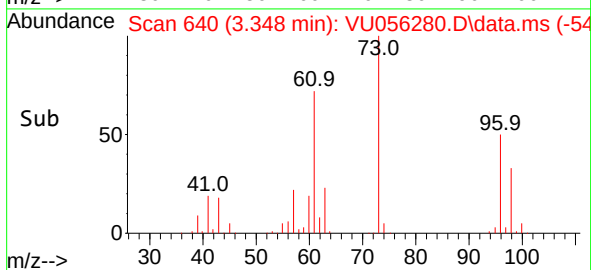
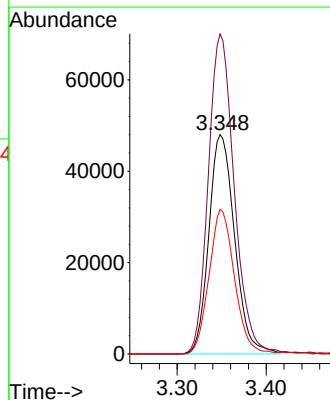
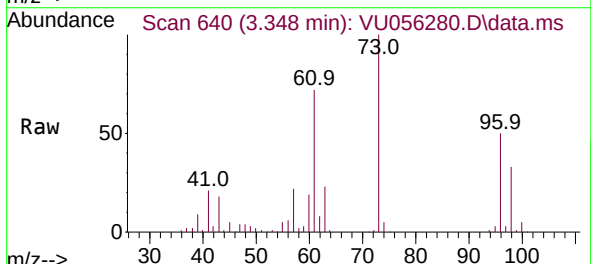
Tgt Ion: 96 Resp: 96676

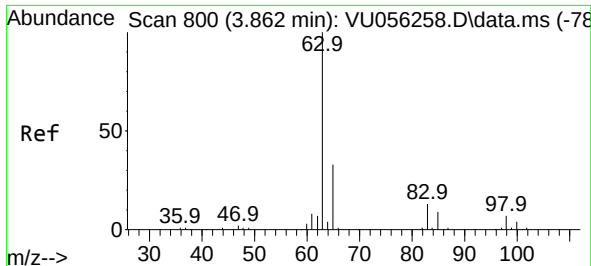
Ion Ratio Lower Upper

96 100

61 145.8 101.7 188.9

98 65.9 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.684 ug/L

RT: 3.863 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :

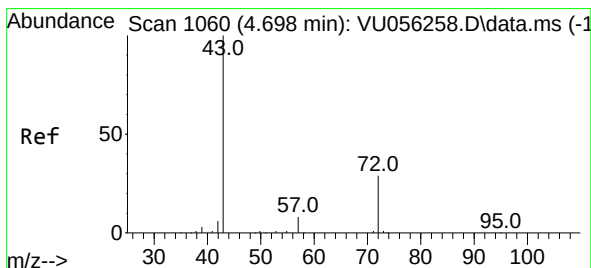
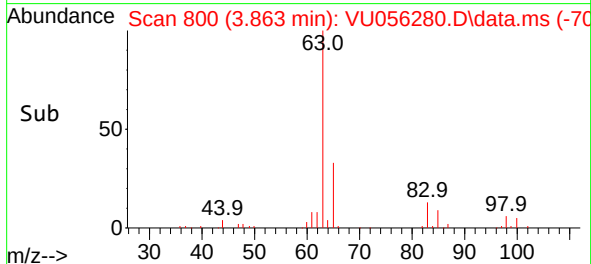
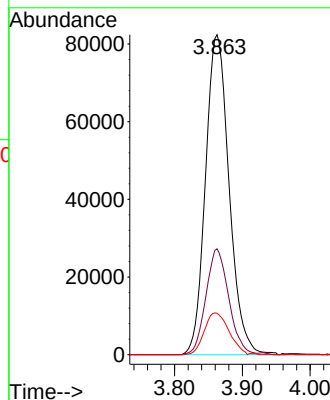
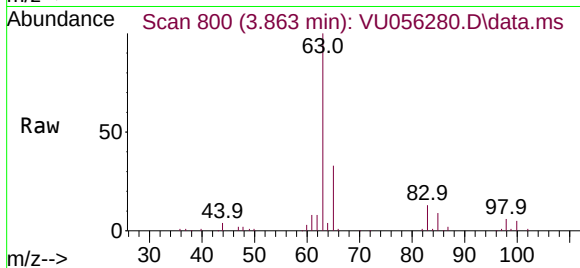
Tgt Ion: 63 Resp: 199749

Ion Ratio Lower Upper

63 100

65 33.1 21.8 40.6

83 13.0 9.7 17.9



#21

2-Butanone

Concen: 49.126 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.003 min

Lab File: VU056280.D

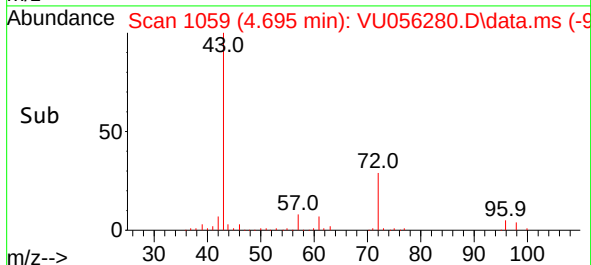
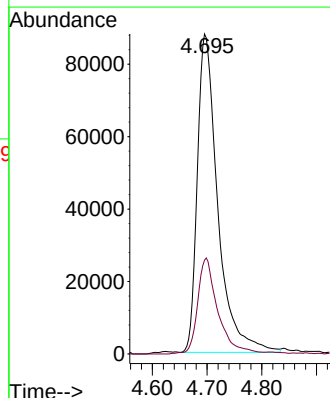
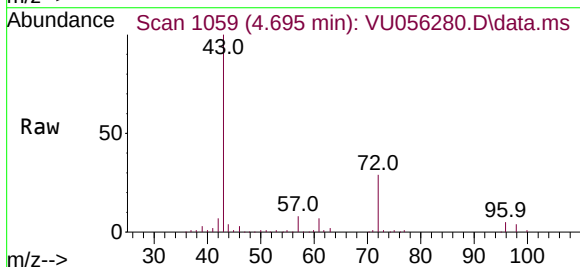
Acq: 14 Nov 2023 02:57

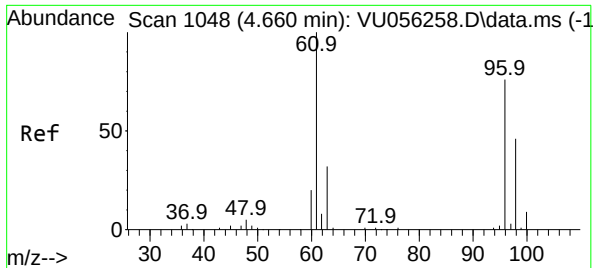
Tgt Ion: 43 Resp: 228100

Ion Ratio Lower Upper

43 100

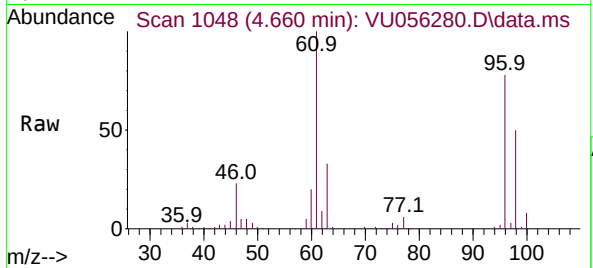
72 29.8 14.2 42.6





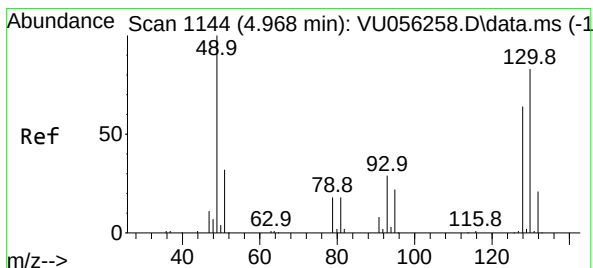
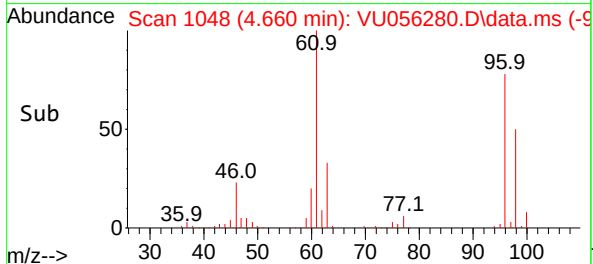
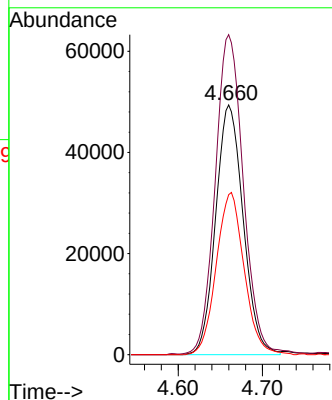
#22
 cis-1,2-Dichloroethene
 Concen: 5.567 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 112018

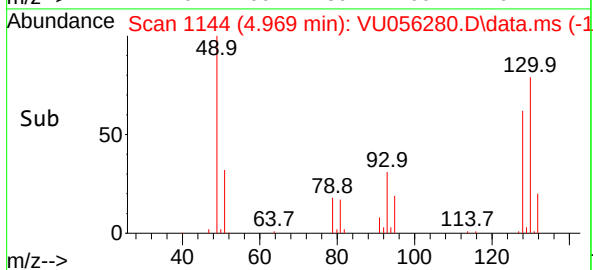
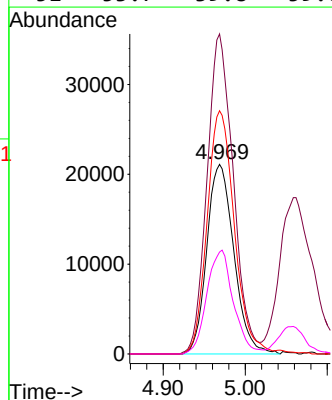
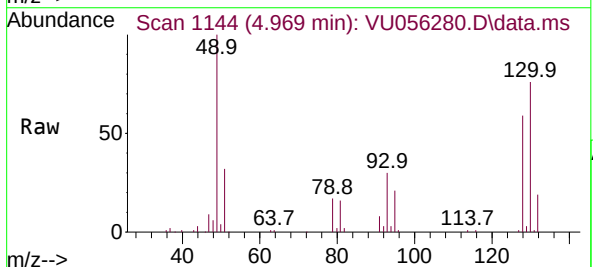
Ion	Ratio	Lower	Upper
96	100		
61	128.2	93.2	173.2
98	64.1	44.8	83.2

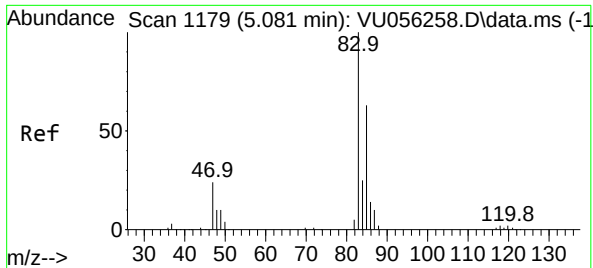


#23
 Bromochloromethane
 Concen: 5.862 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

Tgt Ion: 128 Resp: 48545

Ion	Ratio	Lower	Upper
128	100		
49	168.7	113.4	210.6
130	128.2	84.8	157.6
51	53.7	39.8	59.6

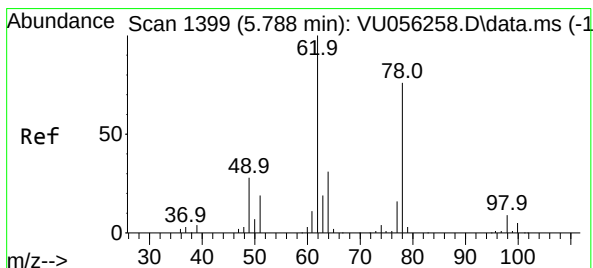
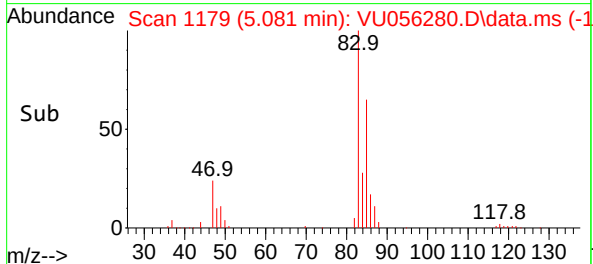
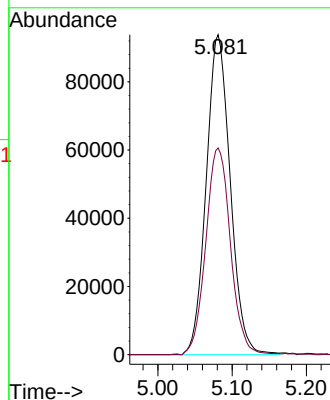
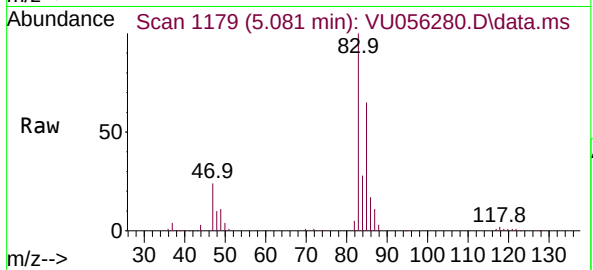




#25
Chloroform
Concen: 5.538 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

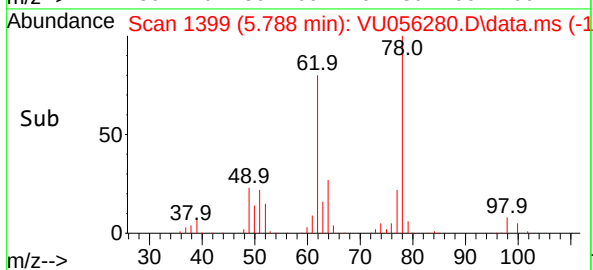
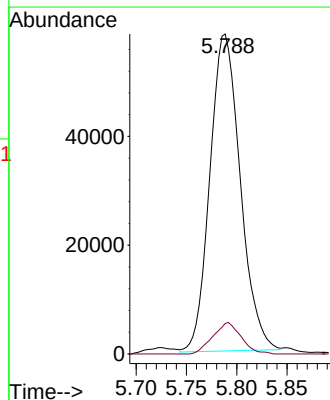
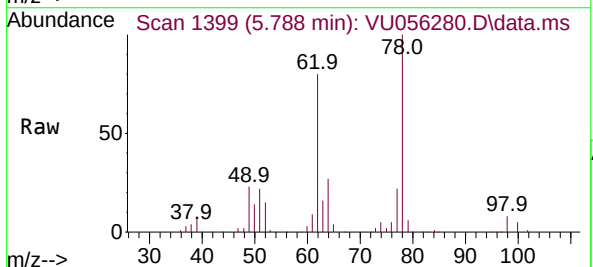
Instrument :
MSVOA_U
ClientSampleId :

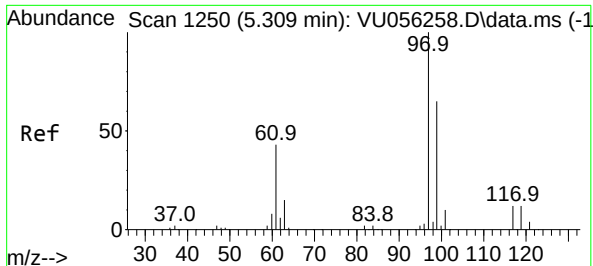
Tgt Ion: 83 Resp: 210852
Ion Ratio Lower Upper
83 100
85 64.6 47.0 87.2



#27
1,2-Dichloroethane
Concen: 5.669 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

Tgt Ion: 62 Resp: 122550
Ion Ratio Lower Upper
62 100
98 9.5 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.575 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :

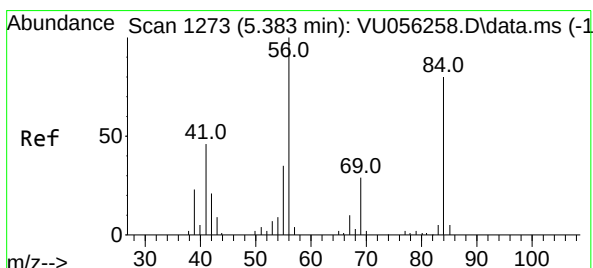
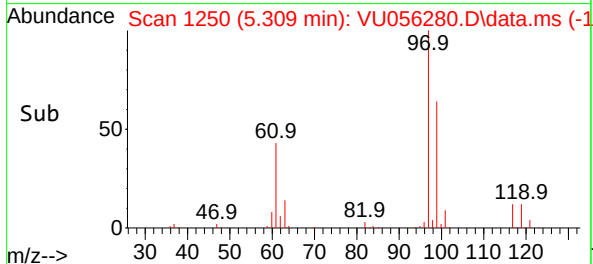
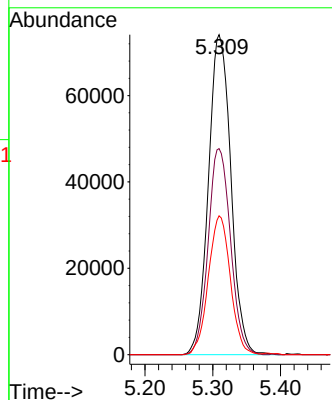
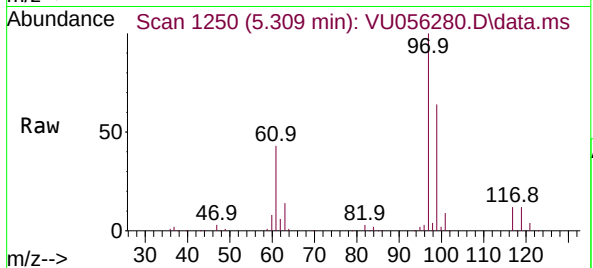
Tgt Ion: 97 Resp: 170714

Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 42.5 34.3 51.5



#30

Cyclohexane

Concen: 4.889 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

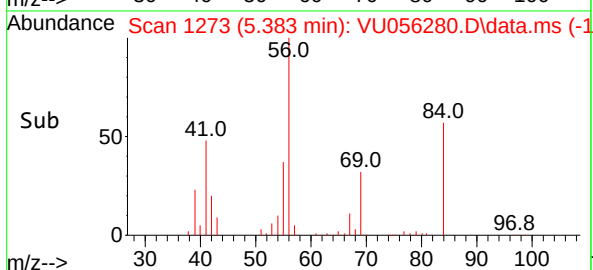
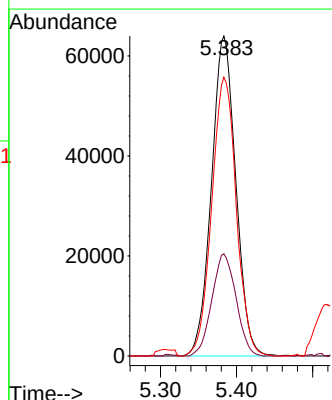
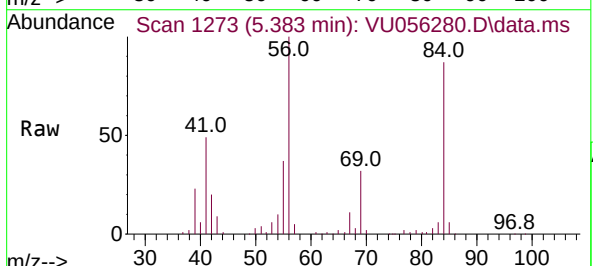
Tgt Ion: 56 Resp: 142089

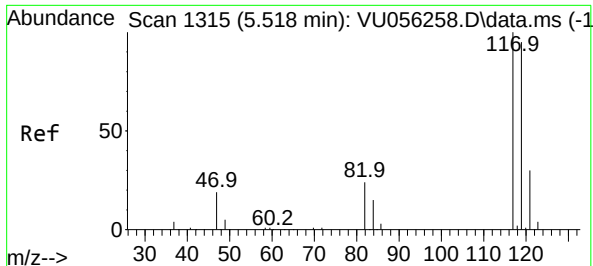
Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 87.9 68.6 103.0

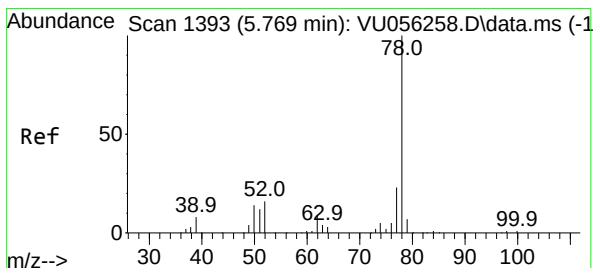
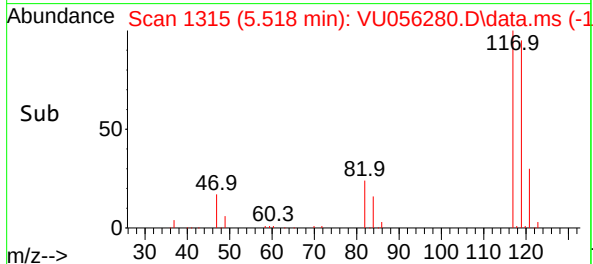
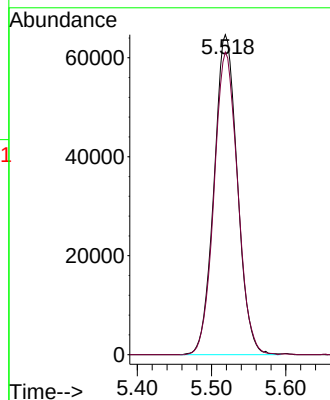
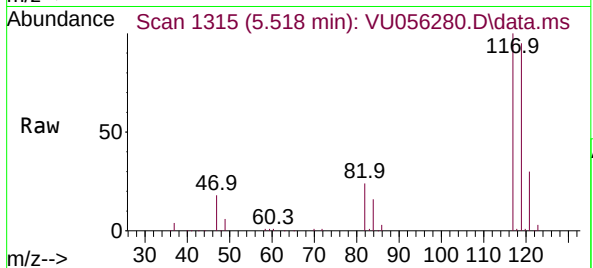




#31
Carbon tetrachloride
Concen: 5.372 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

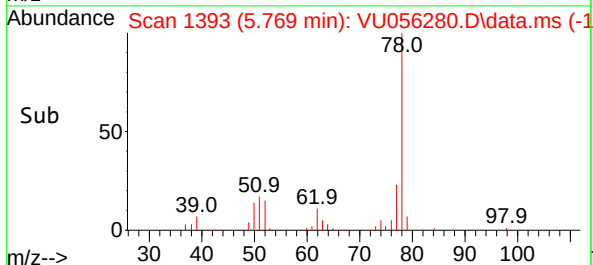
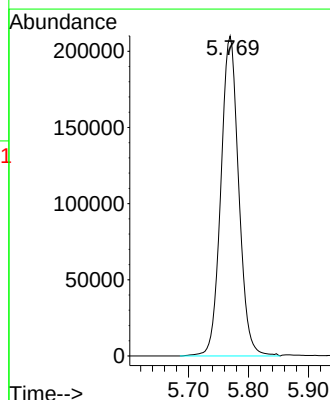
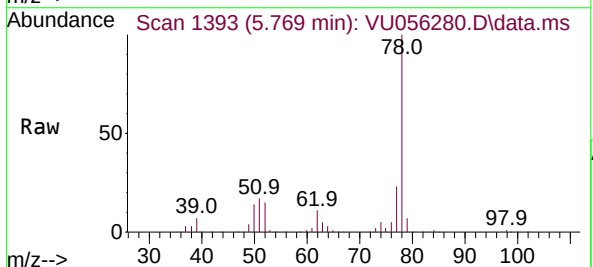
Instrument :
MSVOA_U
ClientSampleId :

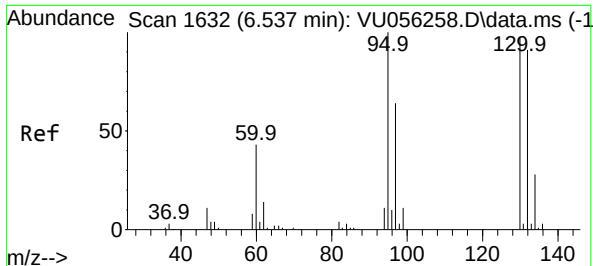
Tgt Ion:117 Resp: 141286
Ion Ratio Lower Upper
117 100
119 95.9 78.1 117.1



#33
Benzene
Concen: 5.691 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

Tgt Ion: 78 Resp: 433162





#34

Trichloroethene

Concen: 5.422 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 112444

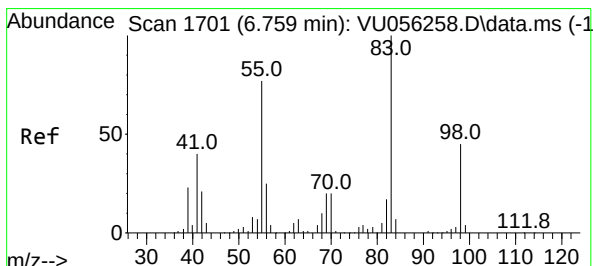
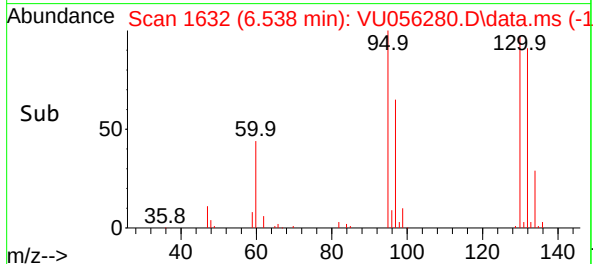
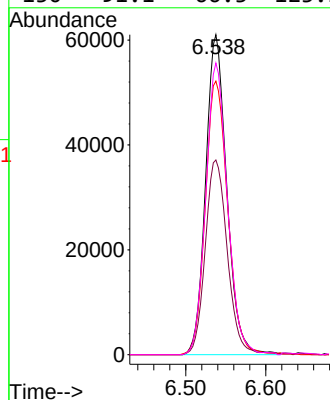
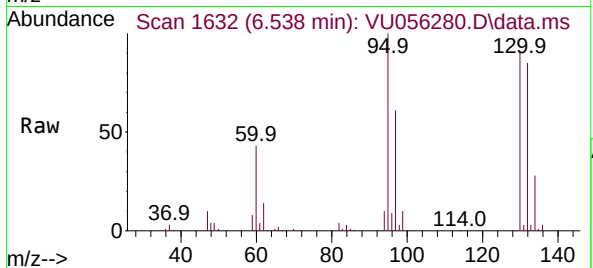
Ion Ratio Lower Upper

95 100

97 60.8 46.5 86.3

132 85.5 62.0 115.2

130 91.1 66.3 123.1



#35

Methylcyclohexane

Concen: 4.979 ug/L

RT: 6.760 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

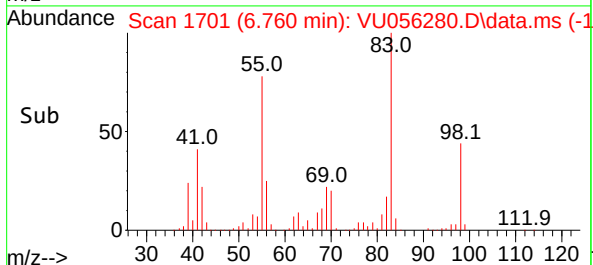
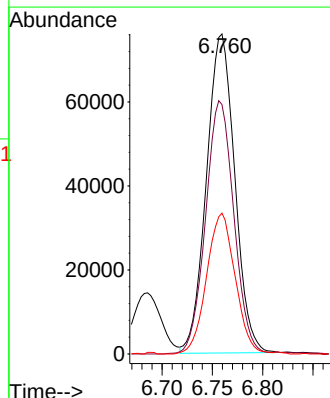
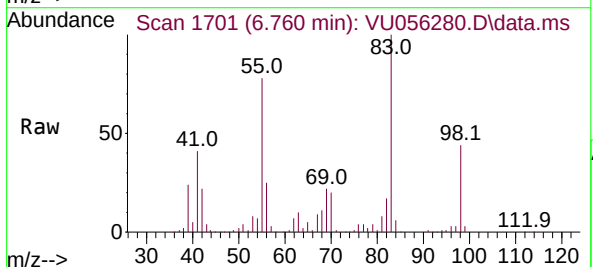
Tgt Ion: 83 Resp: 149081

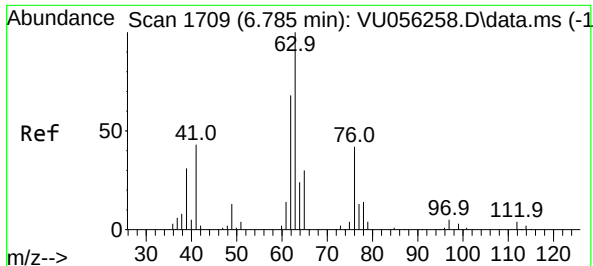
Ion Ratio Lower Upper

83 100

55 79.2 62.9 94.3

98 44.4 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.723 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

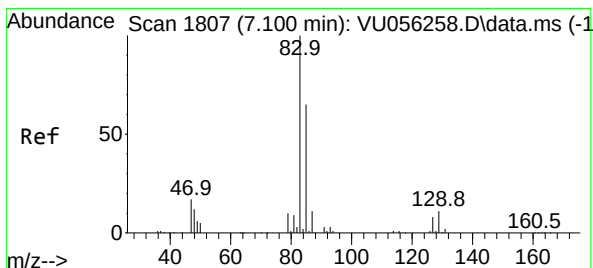
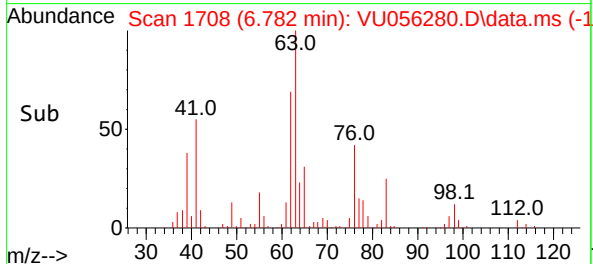
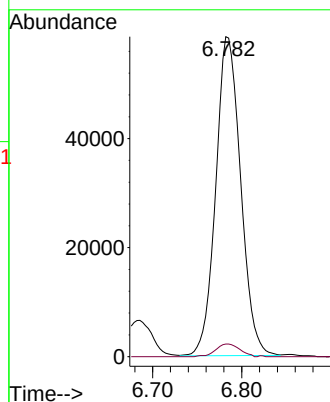
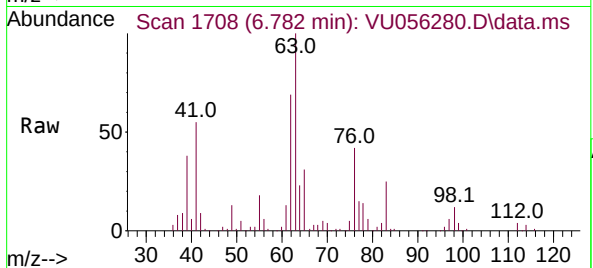
ClientSampleId :

Tgt Ion: 63 Resp: 113598

Ion Ratio Lower Upper

63 100

112 3.8 3.2 4.8



#38

Bromodichloromethane

Concen: 5.636 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

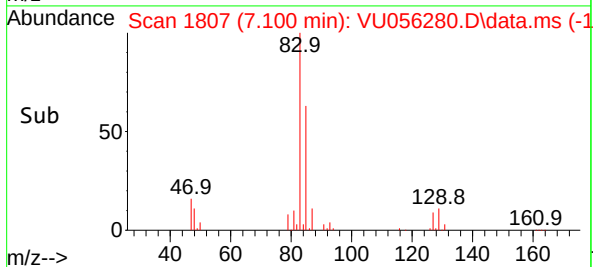
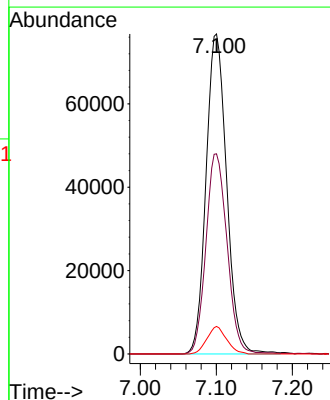
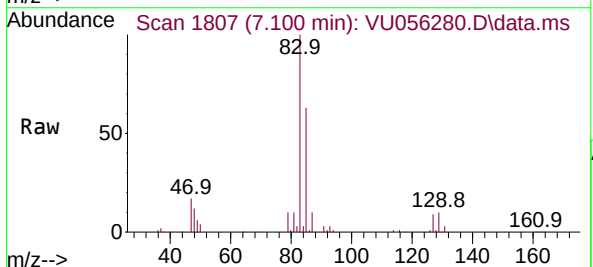
Tgt Ion: 83 Resp: 144414

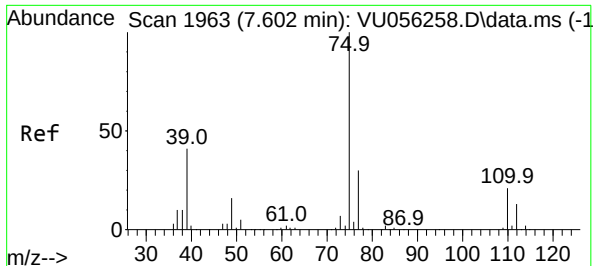
Ion Ratio Lower Upper

83 100

85 62.5 44.9 83.5

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.581 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

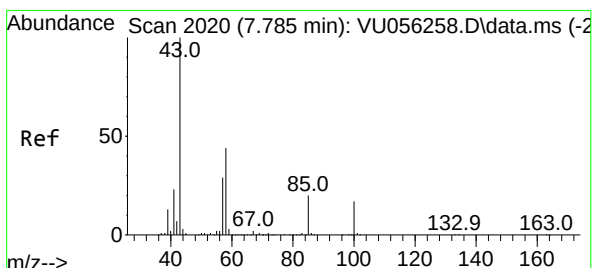
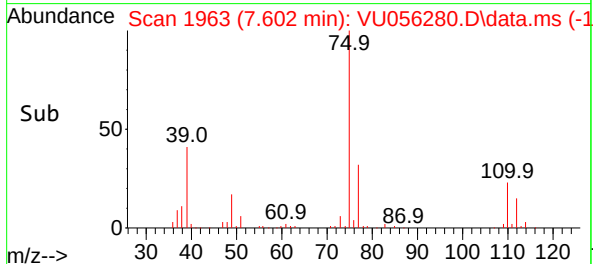
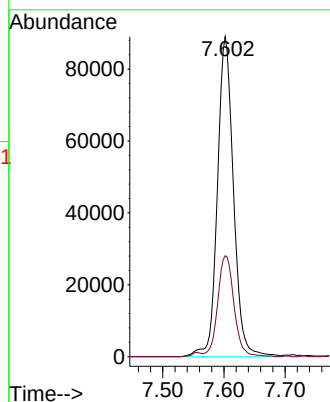
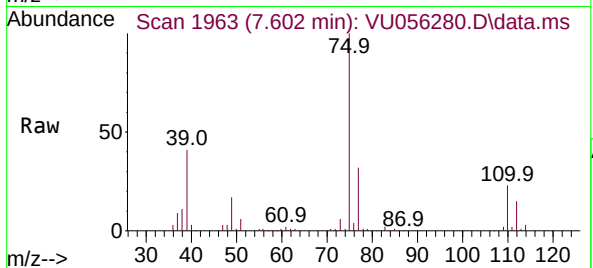
ClientSampleId :

Tgt Ion: 75 Resp: 162790

Ion Ratio Lower Upper

75 100

77 31.6 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 58.915 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

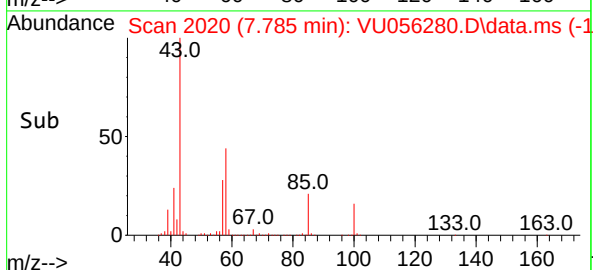
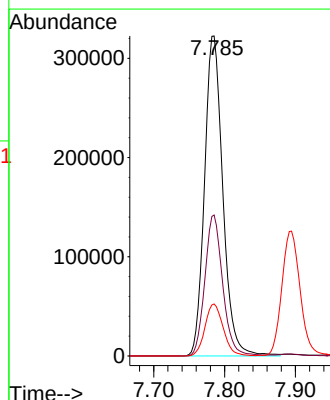
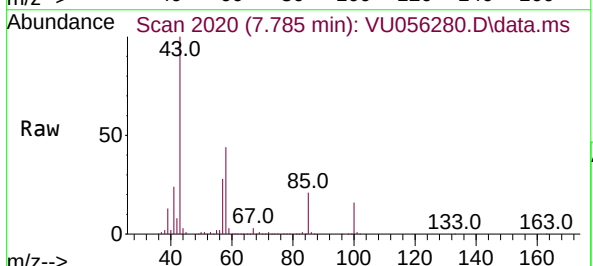
Tgt Ion: 43 Resp: 579700

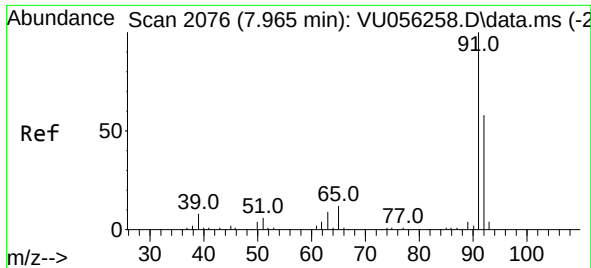
Ion Ratio Lower Upper

43 100

58 42.9 33.8 50.8

100 16.2 13.0 19.4





#42

Toluene

Concen: 5.536 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

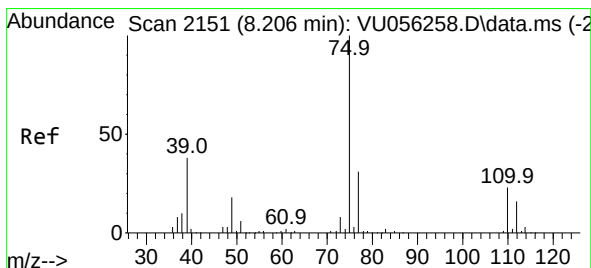
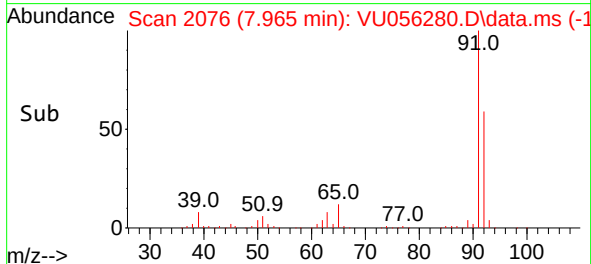
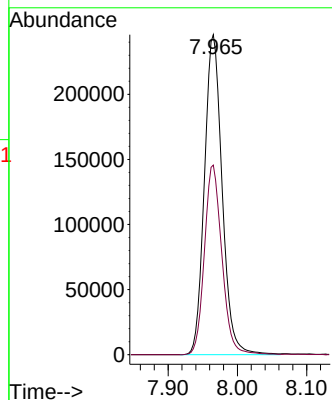
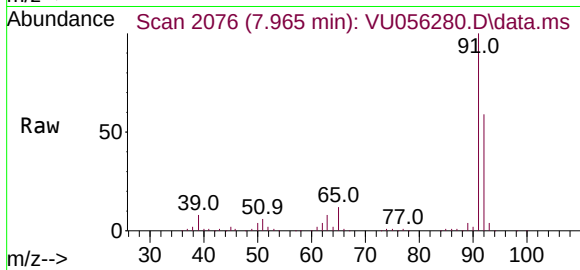
ClientSampleId :

Tgt Ion: 91 Resp: 436284

Ion Ratio Lower Upper

91 100

92 59.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.725 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU056280.D

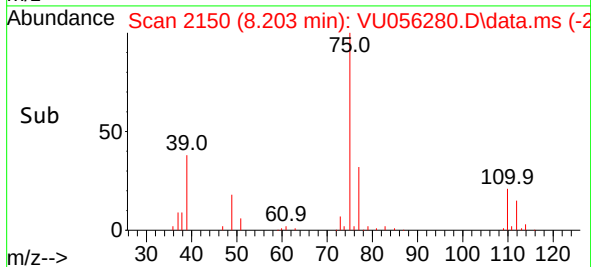
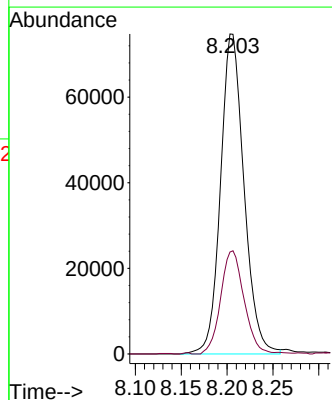
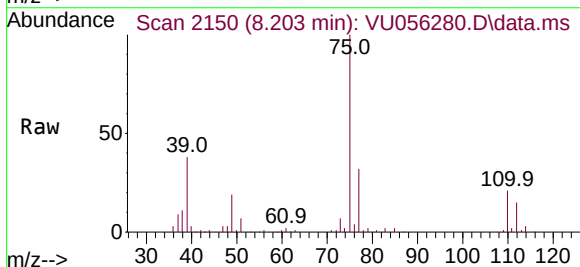
Acq: 14 Nov 2023 02:57

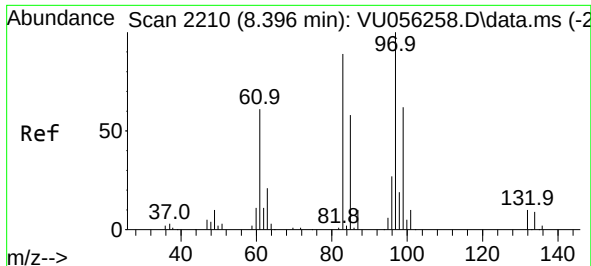
Tgt Ion: 75 Resp: 133113

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4

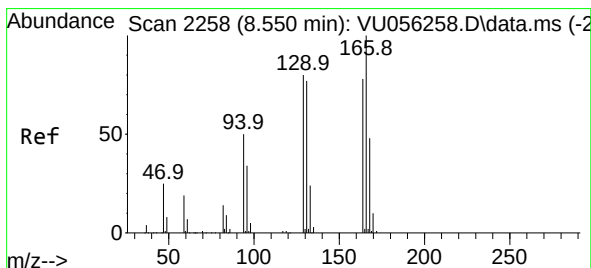
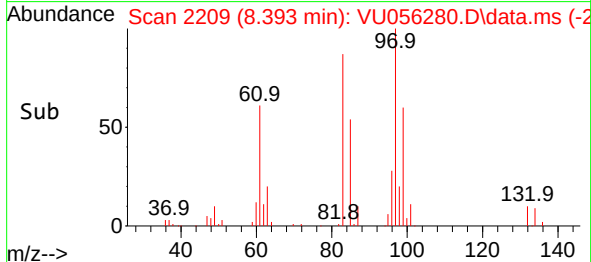
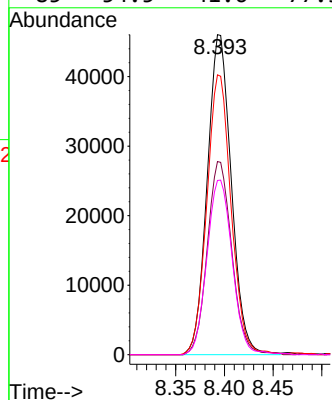
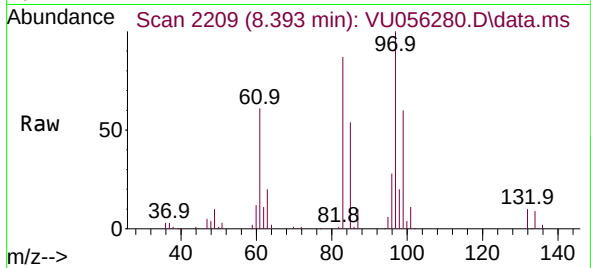




#45
 1,1,2-Trichloroethane
 Concen: 5.987 ug/L
 RT: 8.393 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

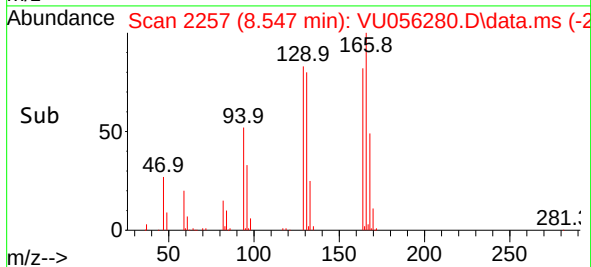
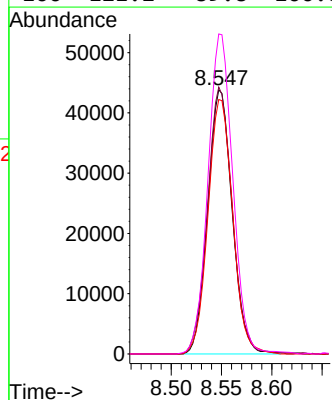
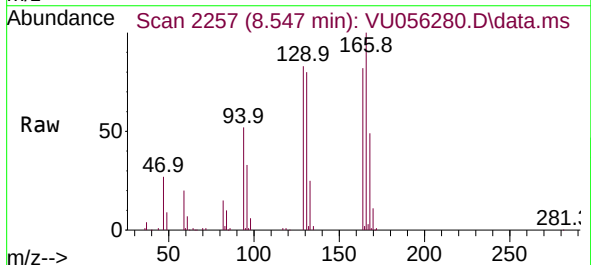
Instrument :
 MSVOA_U
 ClientSampleId :

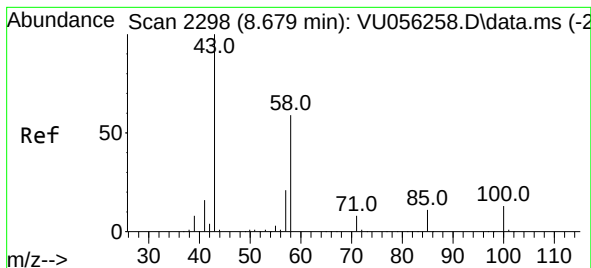
Tgt Ion:	97	Resp:	79153
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.3	82.3
83	87.4	65.4	121.4
85	54.5	41.6	77.3



#47
 Tetrachloroethene
 Concen: 5.306 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. -0.003 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

Tgt Ion:	164	Resp:	74200
Ion	Ratio	Lower	Upper
164	100		
129	101.1	71.0	131.9
131	96.4	70.3	130.7
166	121.2	89.8	166.8





#48

2-Hexanone

Concen: 54.255 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

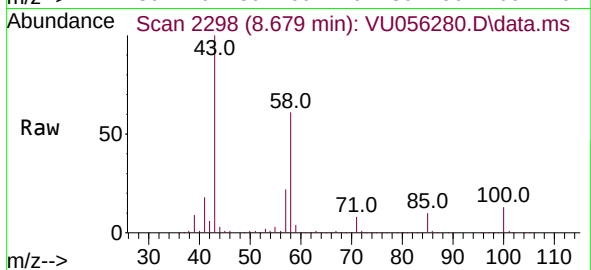
Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 415899

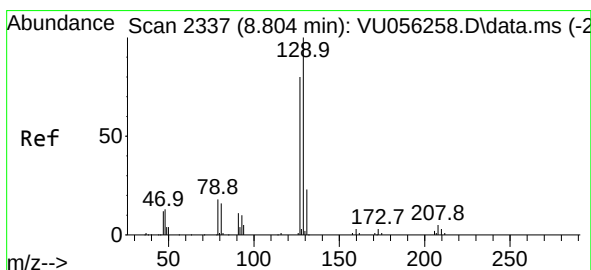
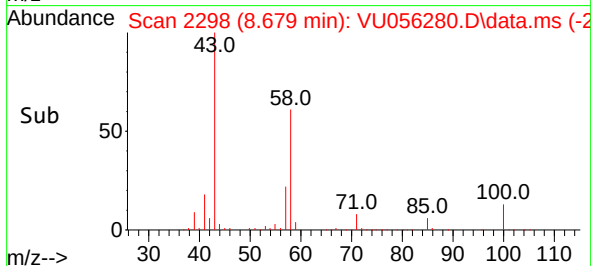
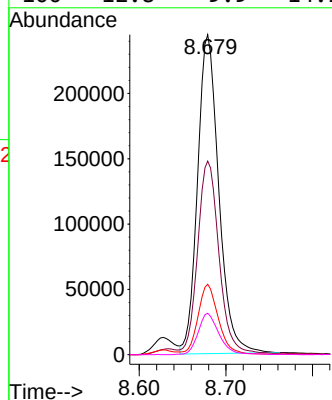
Ion Ratio Lower Upper

43 100

58 60.6 48.7 73.1

57 21.2 16.8 25.2

100 12.8 9.9 14.9



#49

Dibromochloromethane

Concen: 5.789 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU056280.D

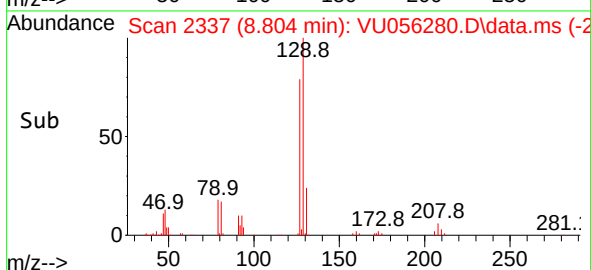
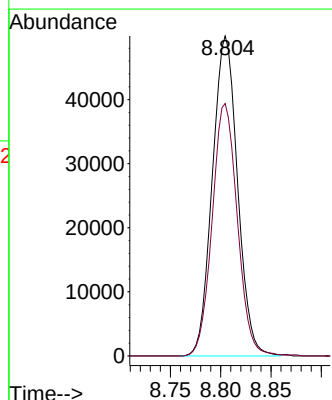
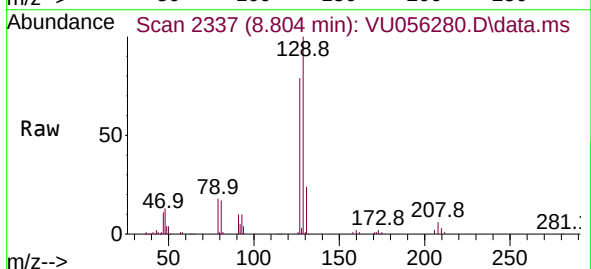
Acq: 14 Nov 2023 02:57

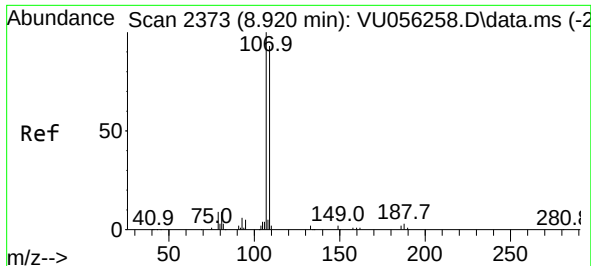
Tgt Ion: 129 Resp: 87032

Ion Ratio Lower Upper

129 100

127 78.9 52.9 98.3





#50

1,2-Dibromoethane

Concen: 5.668 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

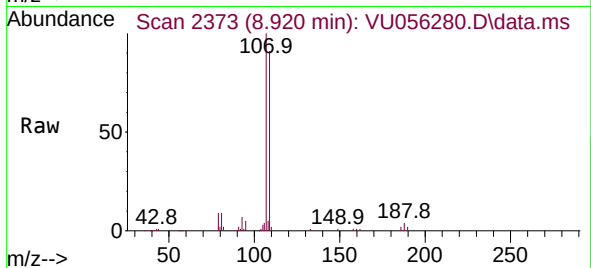
Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :



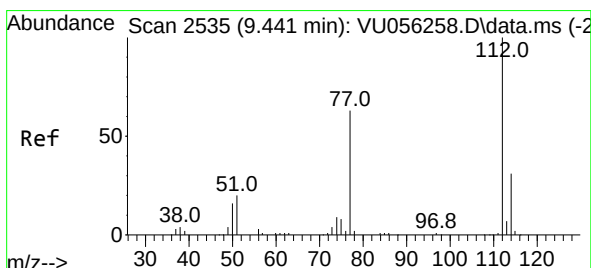
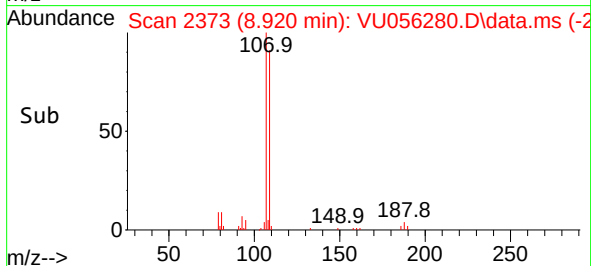
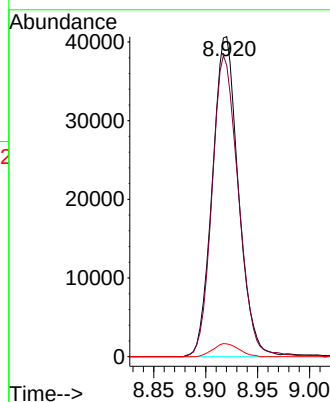
Tgt Ion:107 Resp: 70733

Ion Ratio Lower Upper

107 100

109 91.1 64.2 119.2

188 4.0 2.6 4.0#



#51

Chlorobenzene

Concen: 5.413 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

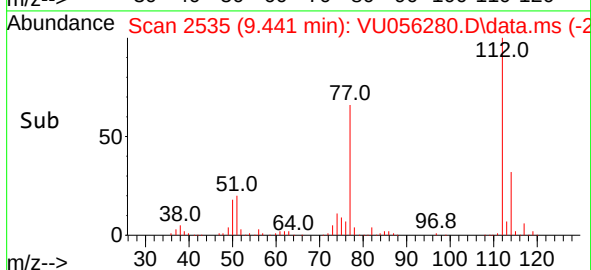
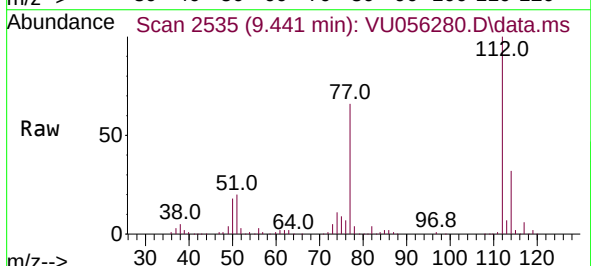
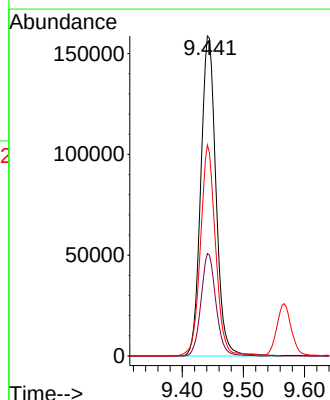
Tgt Ion:112 Resp: 274086

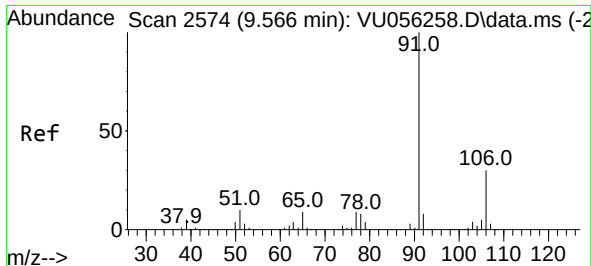
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 65.9 51.7 77.5

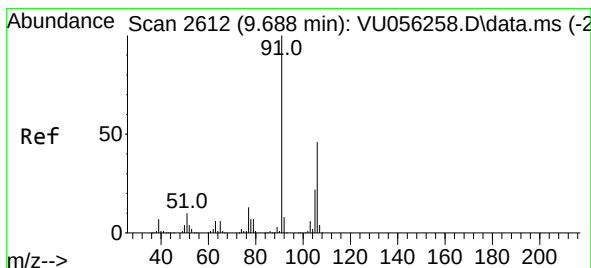
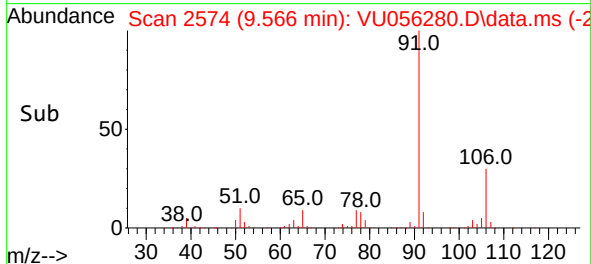
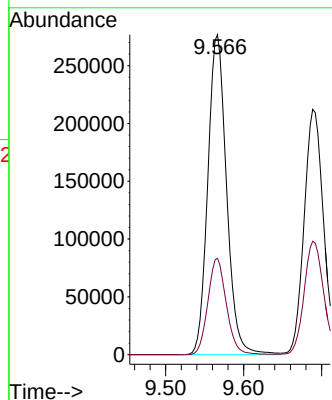
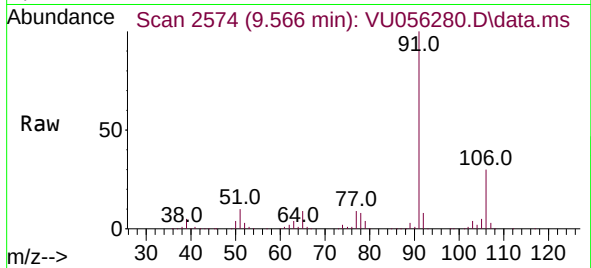




#52
Ethylbenzene
Concen: 5.297 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

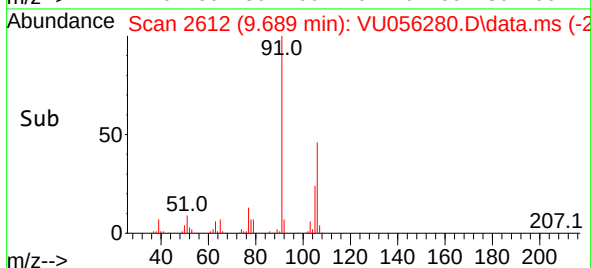
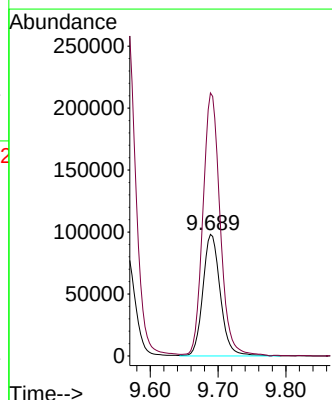
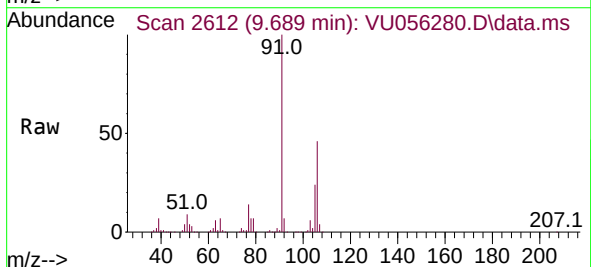
Instrument :
MSVOA_U
ClientSampleId :

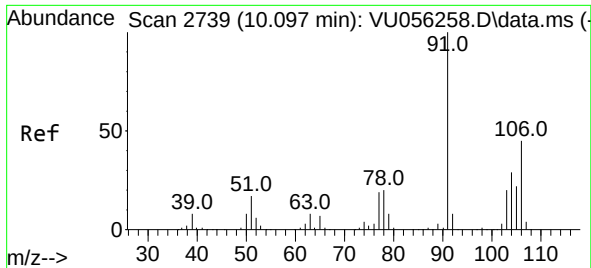
Tgt Ion: 91 Resp: 463524
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.1



#53
m,p-Xylene
Concen: 5.455 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

Tgt Ion: 106 Resp: 175482
Ion Ratio Lower Upper
106 100
91 216.4 149.6 277.8

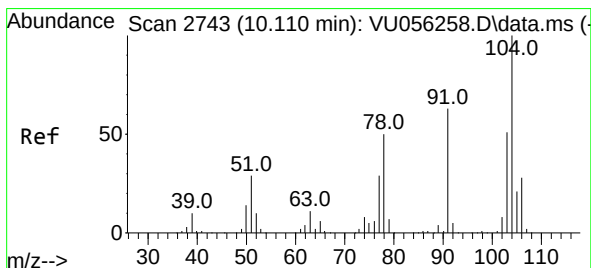
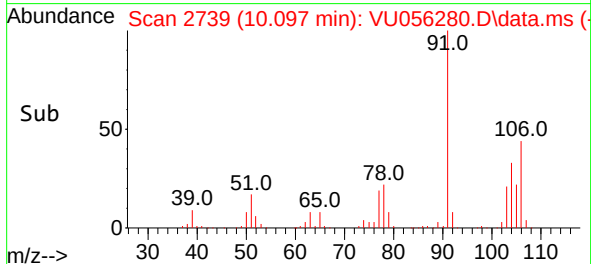
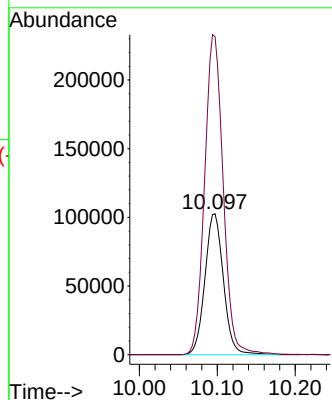
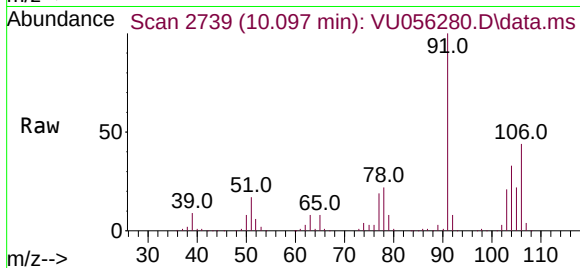




#54
o-Xylene
Concen: 5.407 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

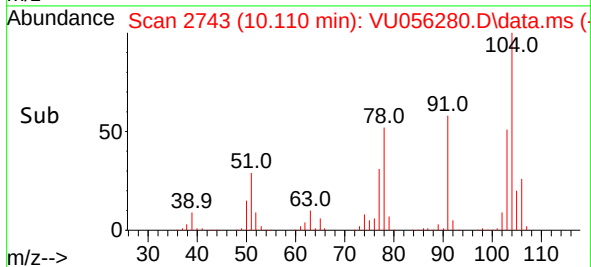
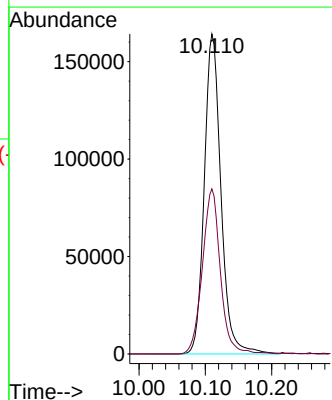
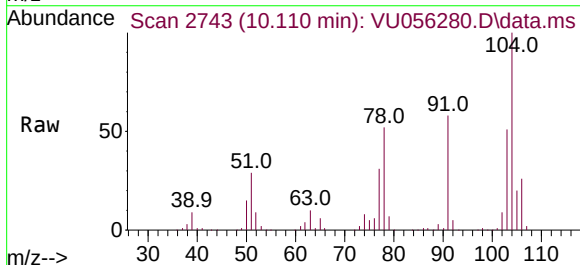
Instrument :
MSVOA_U
ClientSampleId :

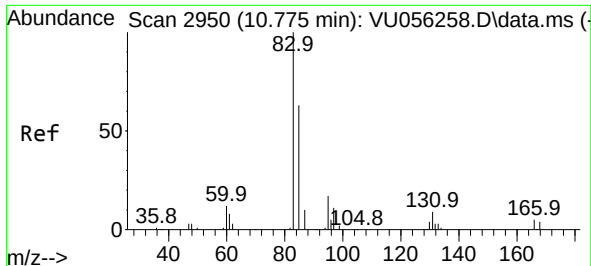
Tgt Ion:106 Resp: 168975
Ion Ratio Lower Upper
106 100
91 225.5 159.3 295.9



#55
Styrene
Concen: 5.525 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU056280.D
Acq: 14 Nov 2023 02:57

Tgt Ion:104 Resp: 287185
Ion Ratio Lower Upper
104 100
78 51.6 34.2 63.6

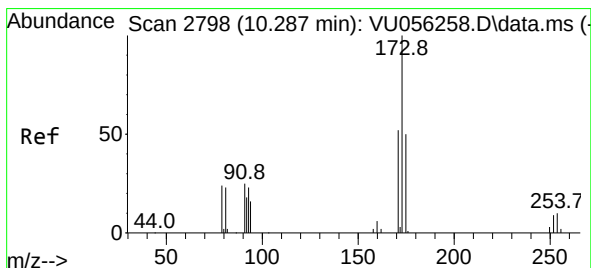
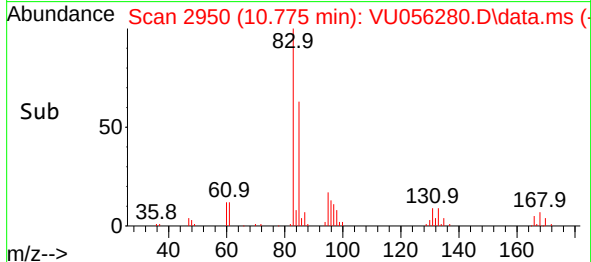
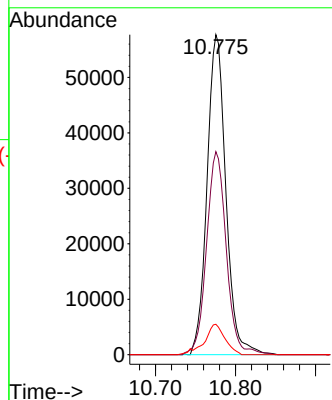
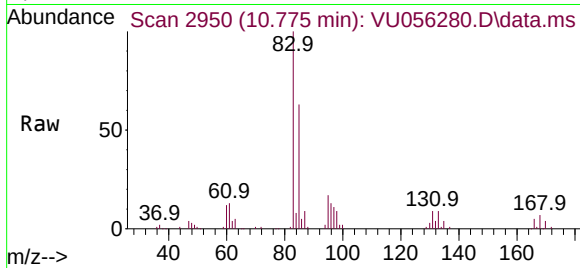




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.857 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

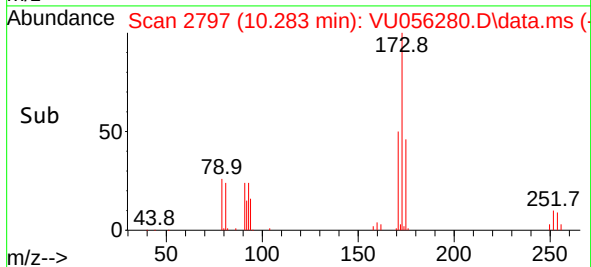
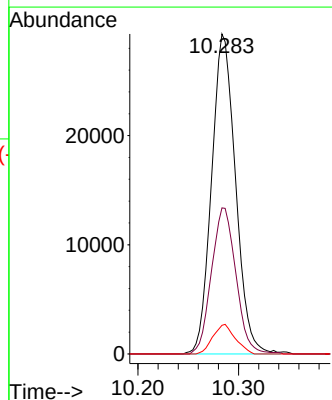
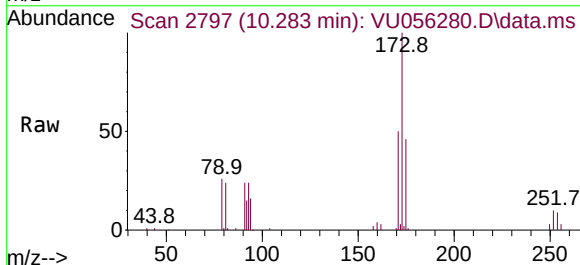
Instrument :
 MSVOA_U
 ClientSampleId :

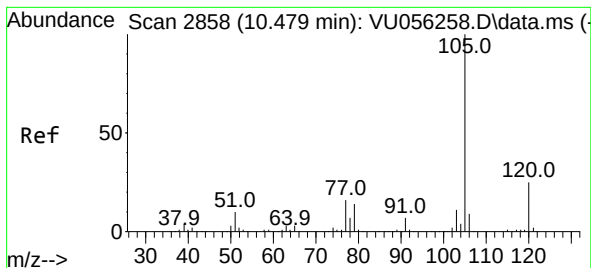
Tgt Ion: 83 Resp: 94546
 Ion Ratio Lower Upper
 83 100
 85 63.4 46.3 86.1
 131 9.5 6.7 10.1



#59
 Bromoform
 Concen: 6.002 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. -0.003 min
 Lab File: VU056280.D
 Acq: 14 Nov 2023 02:57

Tgt Ion: 173 Resp: 48544
 Ion Ratio Lower Upper
 173 100
 175 46.6 38.9 58.3
 254 8.6 6.7 10.1





#60

Isopropylbenzene

Concen: 5.307 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :

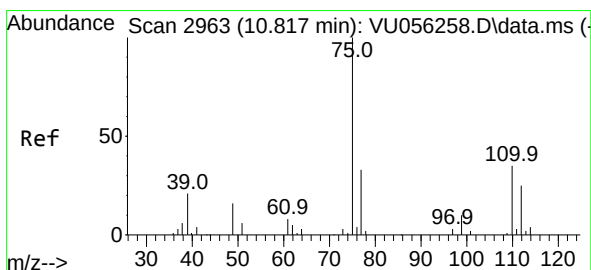
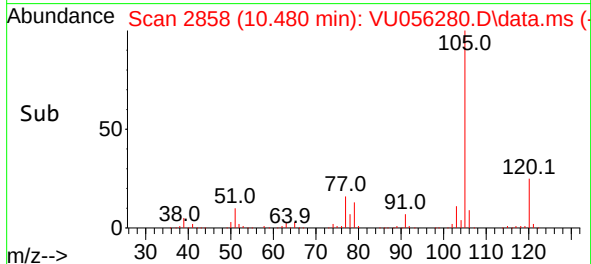
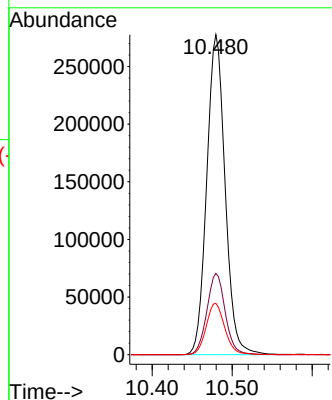
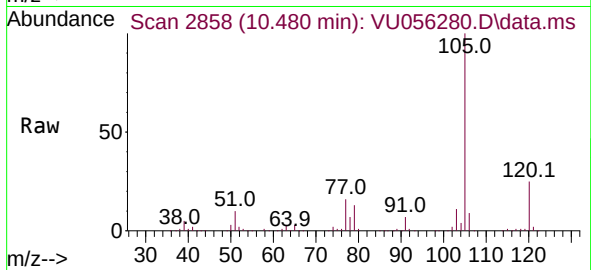
Tgt Ion:105 Resp: 444376

Ion Ratio Lower Upper

105 100

120 25.4 20.4 30.6

77 16.3 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 6.140 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

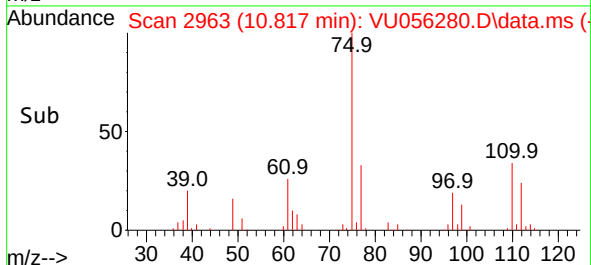
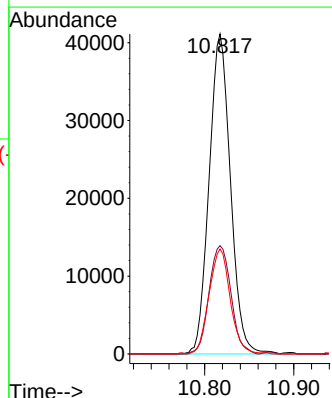
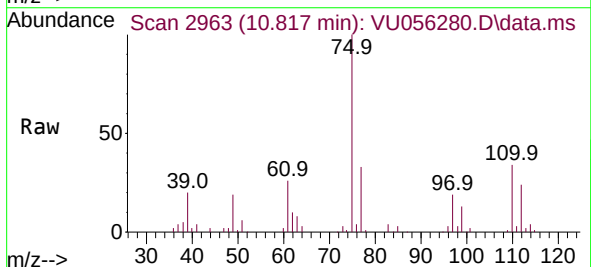
Tgt Ion: 75 Resp: 68405

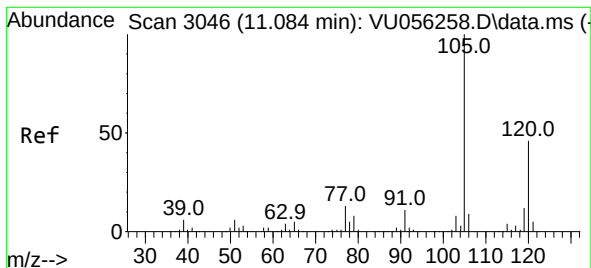
Ion Ratio Lower Upper

75 100

110 34.7 30.4 45.6

77 32.7 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.357 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

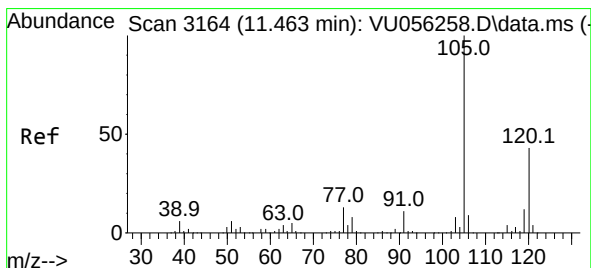
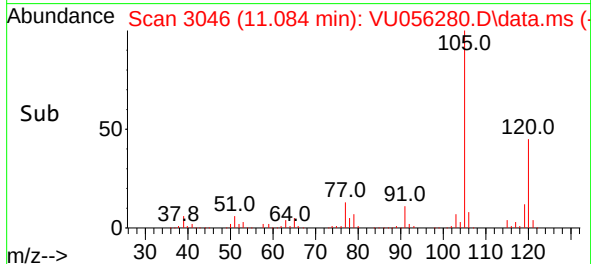
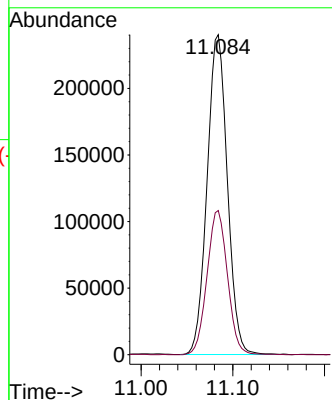
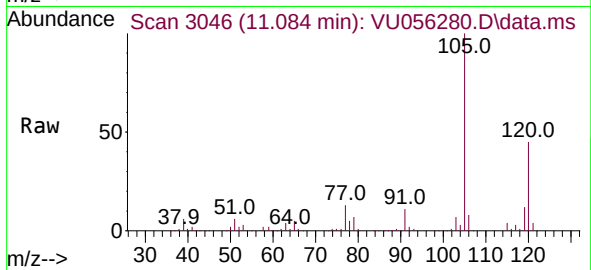
ClientSampleId :

Tgt Ion:105 Resp: 368351

Ion Ratio Lower Upper

105 100

120 45.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.458 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU056280.D

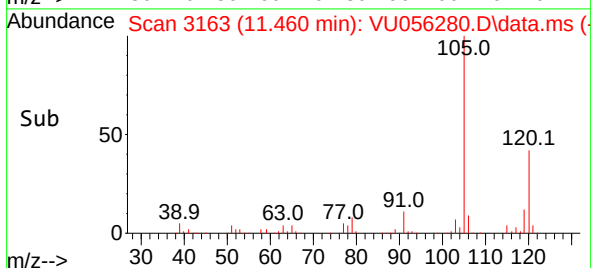
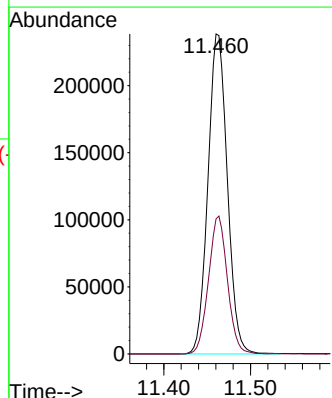
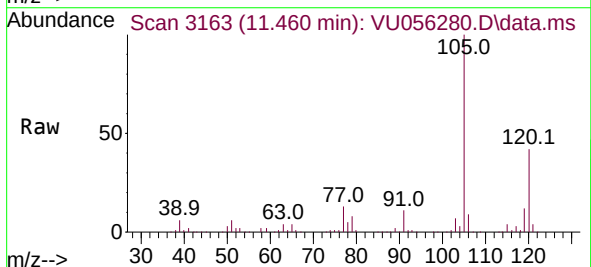
Acq: 14 Nov 2023 02:57

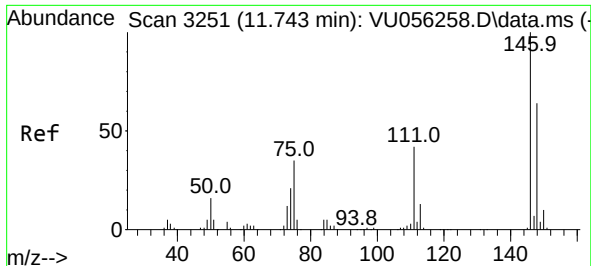
Tgt Ion:105 Resp: 370403

Ion Ratio Lower Upper

105 100

120 42.1 34.0 51.0





#64

1,3-Dichlorobenzene

Concen: 5.443 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :

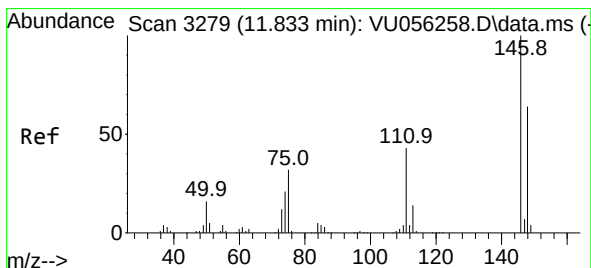
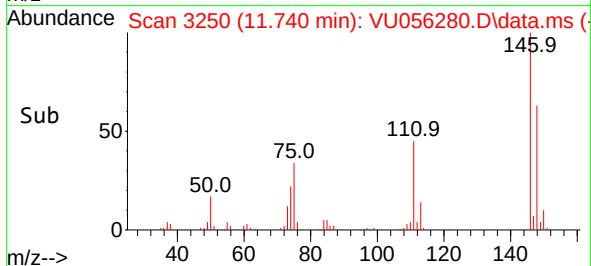
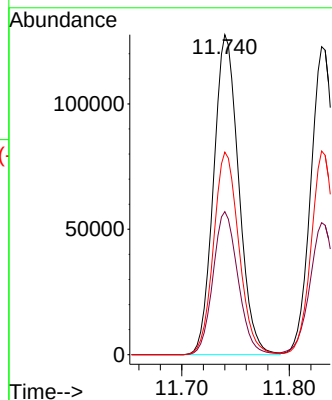
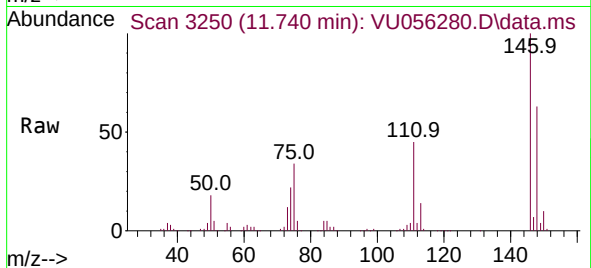
Tgt Ion:146 Resp: 207356

Ion Ratio Lower Upper

146 100

111 44.7 31.1 57.7

148 63.3 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 5.287 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

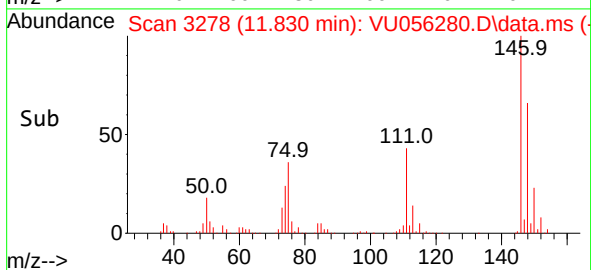
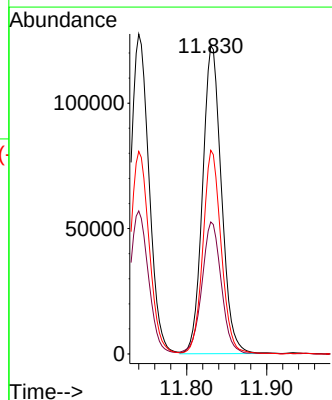
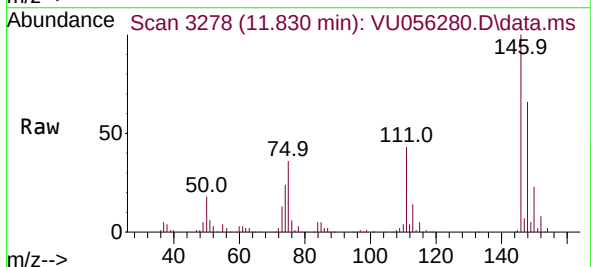
Tgt Ion:146 Resp: 202026

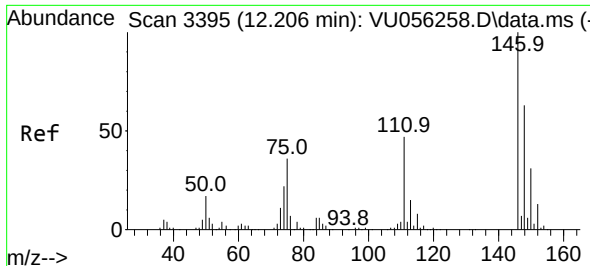
Ion Ratio Lower Upper

146 100

111 42.9 30.5 56.7

148 66.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.478 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :

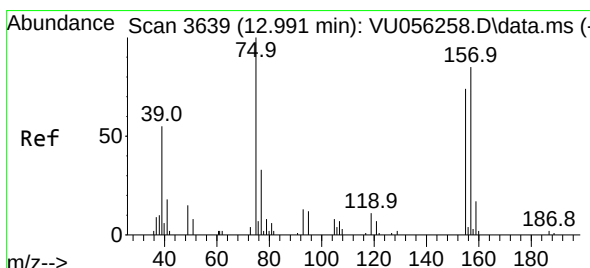
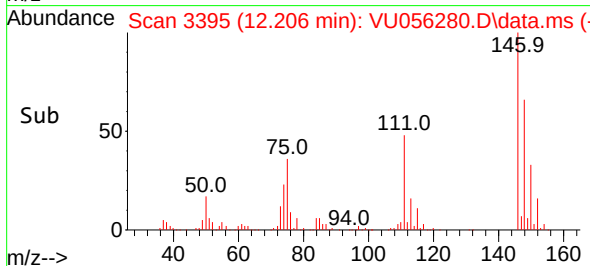
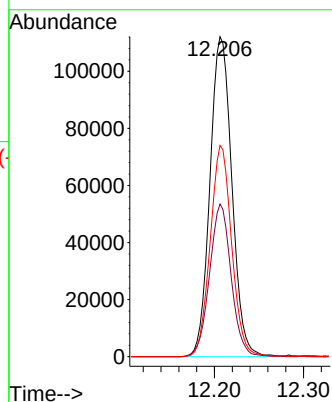
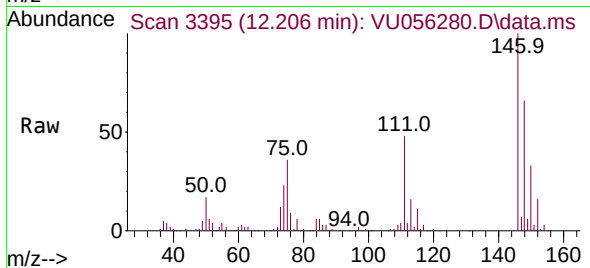
Tgt Ion:146 Resp: 191441

Ion Ratio Lower Upper

146 100

111 47.7 38.3 57.5

148 66.0 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.808 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

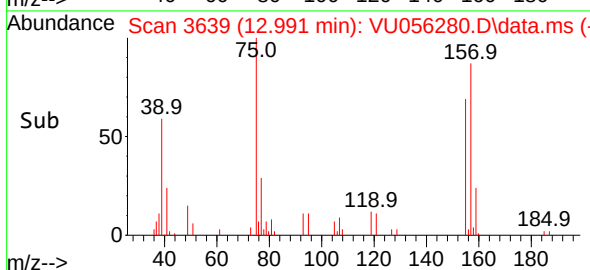
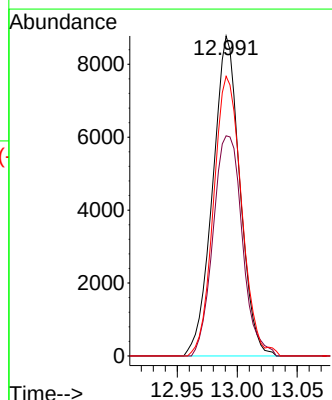
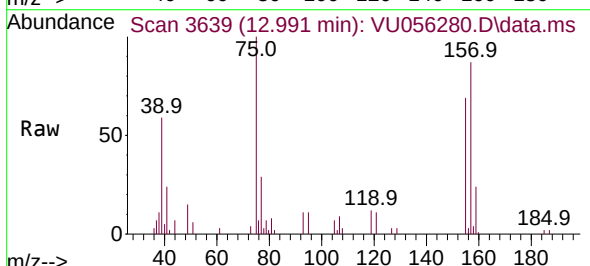
Tgt Ion: 75 Resp: 13822

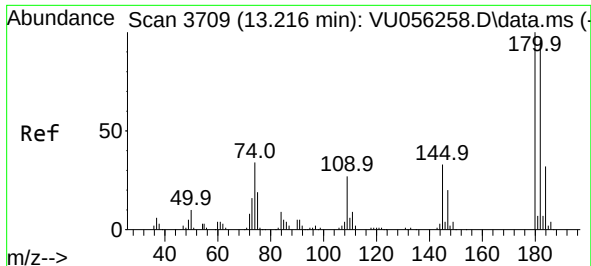
Ion Ratio Lower Upper

75 100

155 68.8 62.4 93.6

157 87.4 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.237 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.003 min

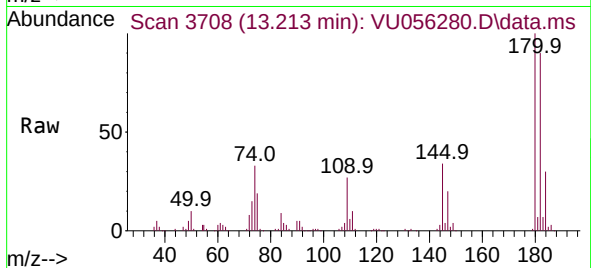
Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 150182

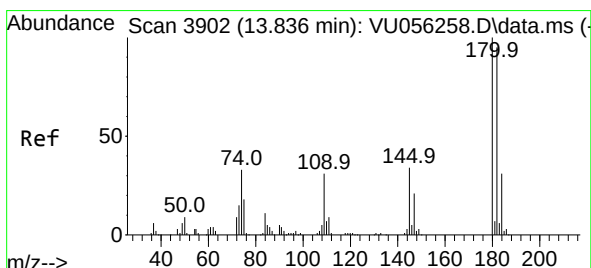
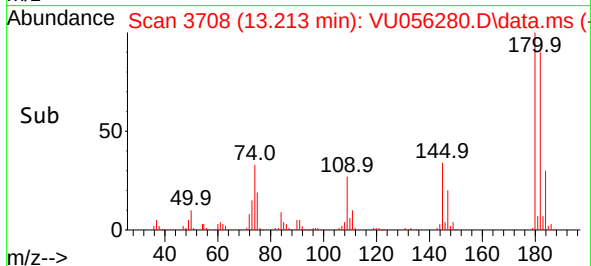
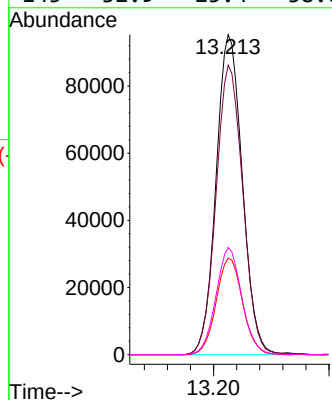
Ion Ratio Lower Upper

180 100

182 92.5 75.1 112.7

184 30.4 23.5 35.3

145 32.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.089 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

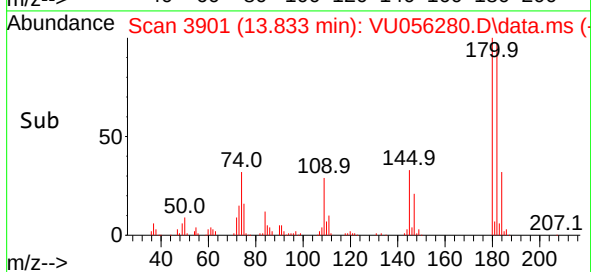
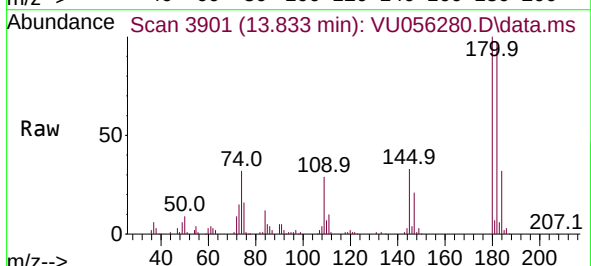
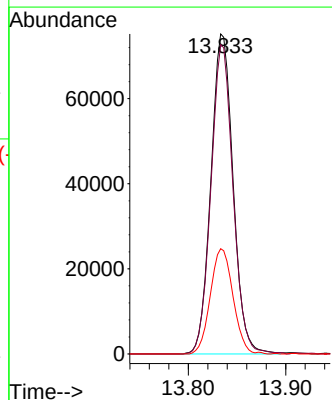
Tgt Ion:180 Resp: 118884

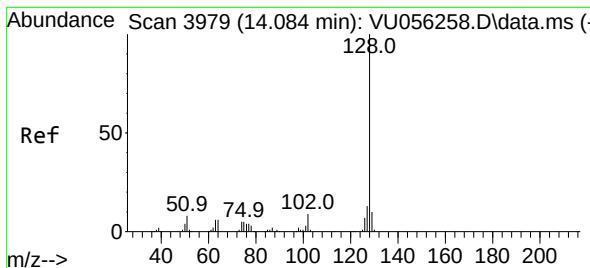
Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.2

145 33.6 26.8 40.2





#71

Naphthalene

Concen: 5.064 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Instrument :

MSVOA_U

ClientSampleId :

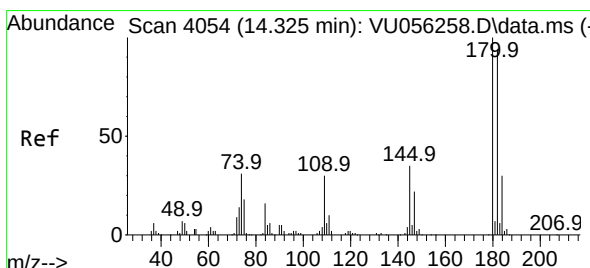
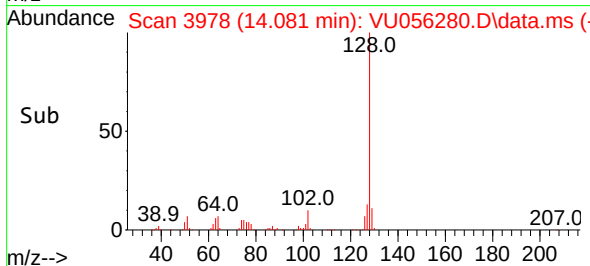
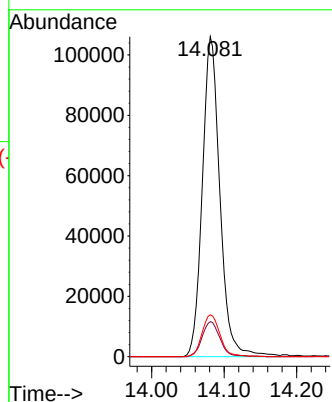
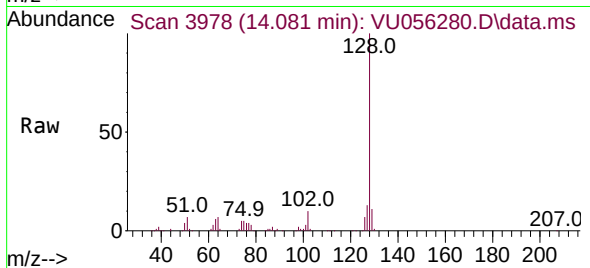
Tgt Ion:128 Resp: 178730

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.4 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.207 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU056280.D

Acq: 14 Nov 2023 02:57

Tgt Ion:180 Resp: 100189

Ion Ratio Lower Upper

180 100

182 95.5 78.6 117.8

145 37.3 29.0 43.6

