

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057287.D
 Acq On : 27 Dec 2023 17:49
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:18:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:16:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	268247	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	260441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	254088	10.108	ug/L	0.00
7) Chloroethane-d5	1.911	69	202722	9.847	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	99807	9.377	ug/L	0.00
20) 2-Butanone-d5	4.634	46	600843	141.210	ug/L	0.00
24) Chloroform-d	5.055	84	447795	9.428	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	230414	10.004	ug/L	0.00
32) Benzene-d6	5.721	84	848222	9.860	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	266663	10.687	ug/L	0.00
41) Toluene-d8	7.891	98	749477	9.661	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	109654	10.551	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	542953	145.270	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	223848	12.208	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	262303	9.212	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	187735	7.845	ug/L	99
3) Chloromethane	1.518	50	204758	9.229	ug/L	97
5) Vinyl chloride	1.602	62	221616	9.547	ug/L	100
6) Bromomethane	1.856	94	108224	10.366	ug/L	100
8) Chloroethane	1.933	64	138959	9.442	ug/L	98
9) Trichlorofluoromethane	2.136	101	315953	7.744	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	190814	8.749	ug/L	98
12) 1,1-Dichloroethene	2.573	96	170647	8.689	ug/L	97
13) Acetone	2.660	43	298755	116.625	ug/L	97
14) Carbon disulfide	2.789	76	483151	7.904	ug/L	100
15) Methyl Acetate	2.952	43	76088	12.736	ug/L	98
16) Methylene chloride	3.039	84	199733	8.587	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	456779	10.689	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	173457	9.117	ug/L	99
19) 1,1-Dichloroethane	3.859	63	356114	9.304	ug/L	99
21) 2-Butanone	4.714	43	487408	123.786	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	203748	9.665	ug/L	96
23) Bromochloromethane	4.968	128	88711	9.538	ug/L	98
25) Chloroform	5.078	83	380955	8.918	ug/L	98
27) 1,2-Dichloroethane	5.785	62	235357	9.270	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	331164	8.380	ug/L	100
30) Cyclohexane	5.383	56	269876	9.891	ug/L	99
31) Carbon tetrachloride	5.518	117	279132	8.082	ug/L	100
33) Benzene	5.766	78	769183	9.496	ug/L	100
34) Trichloroethene	6.534	95	205649	8.799	ug/L	99
35) Methylcyclohexane	6.756	83	291386	9.525	ug/L	96
37) 1,2-Dichloropropane	6.782	63	211941	10.316	ug/L	99
38) Bromodichloromethane	7.097	83	274302	9.386	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	310547	10.163	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	1183150	126.889	ug/L	100
42) Toluene	7.962	91	813756	9.571	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	264661	10.167	ug/L	97

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

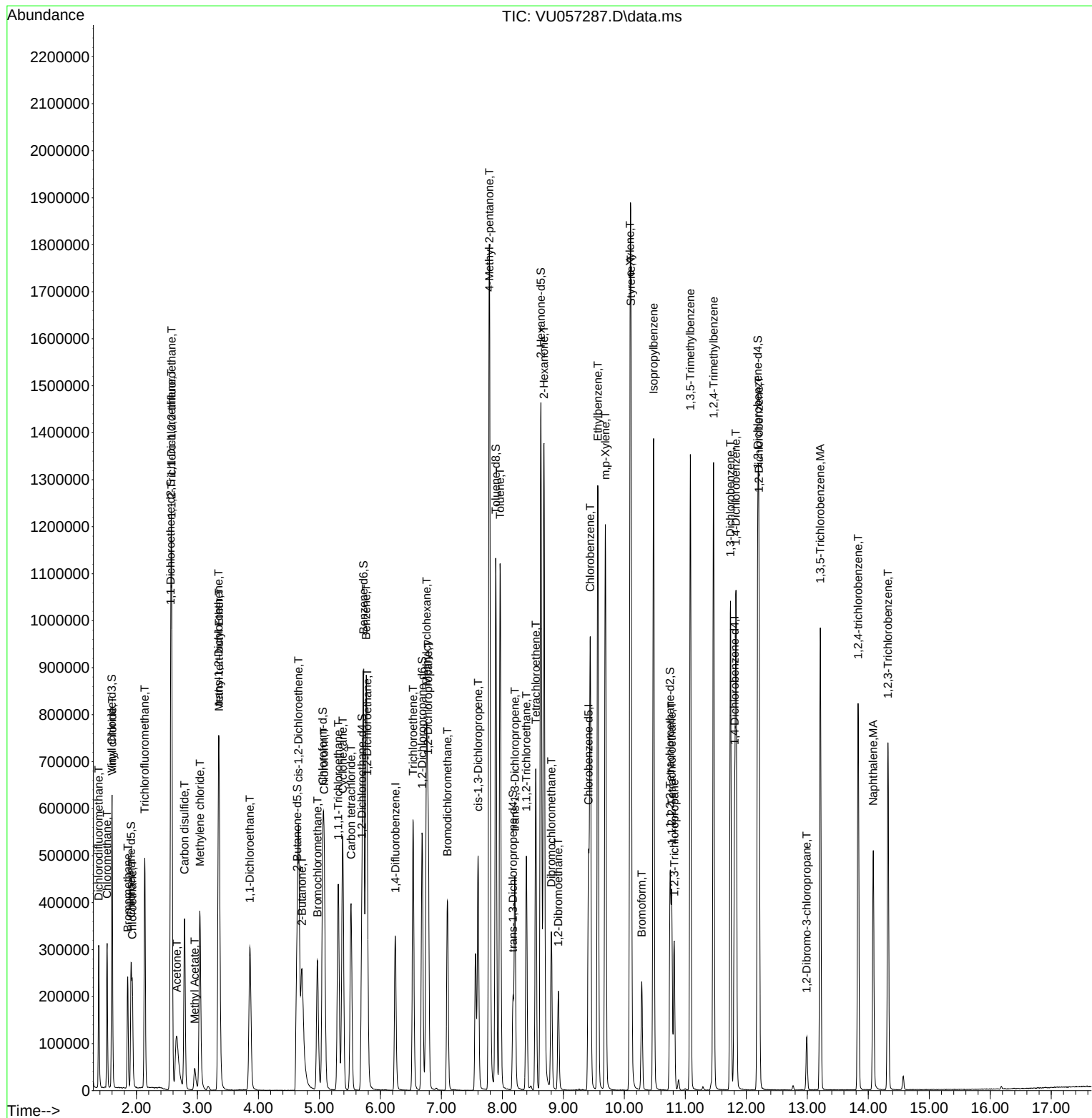
45) 1,1,2-Trichloroethane	8.393	97	153252	10.638	ug/L	99
47) Tetrachloroethene	8.547	164	144141	8.654	ug/L	98
48) 2-Hexanone	8.682	43	879685	127.604	ug/L	99
49) Dibromochloromethane	8.801	129	176091	9.679	ug/L	99
50) 1,2-Dibromoethane	8.917	107	140087	10.463	ug/L	100
51) Chlorobenzene	9.441	112	506294	9.106	ug/L	99
52) Ethylbenzene	9.563	91	889006	9.356	ug/L	100
53) m,p-Xylene	9.689	106	336664	9.673	ug/L	99
54) o-Xylene	10.094	106	321612	9.562	ug/L	99
55) Styrene	10.110	104	576919	10.382	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	198817	11.405	ug/L	100
59) Bromoform	10.283	173	103422	9.822	ug/L	99
60) Isopropylbenzene	10.480	105	889398	9.152	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	136780	10.418	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	726107	9.156	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	735475	9.405	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	410359	8.845	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	406275	8.709	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	388086	9.286	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	30765	10.522	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	290293	8.481	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	239285	8.871	ug/L	100
71) Naphthalene	14.081	128	402684	11.430	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	215616	10.036	ug/L	100

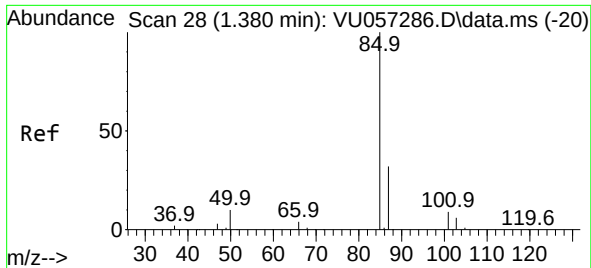
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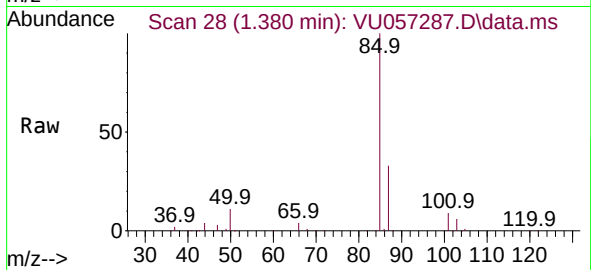
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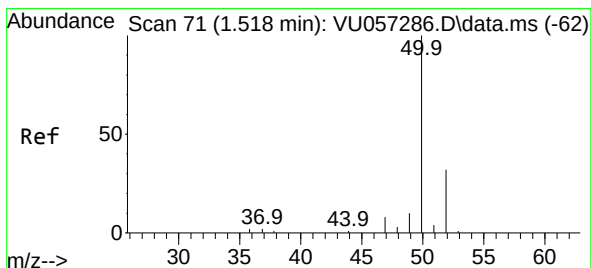
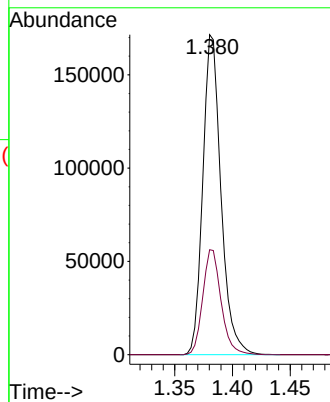
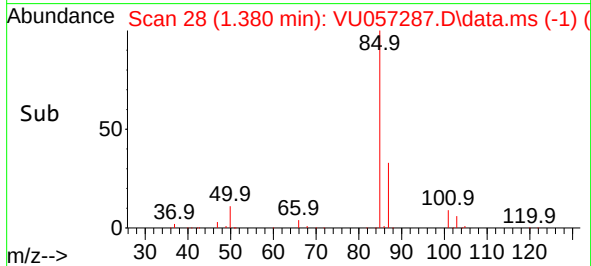


#2
 Dichlorodifluoromethane
 Concen: 7.845 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU057287.D
 Acq: 27 Dec 2023 17:49

Instrument :
 MSVOA_U
 ClientSampleId :

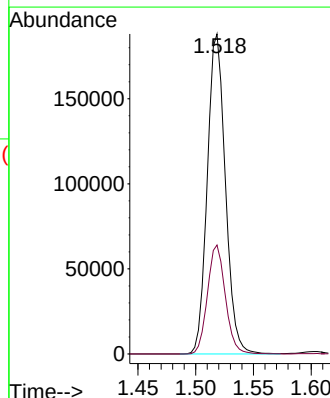
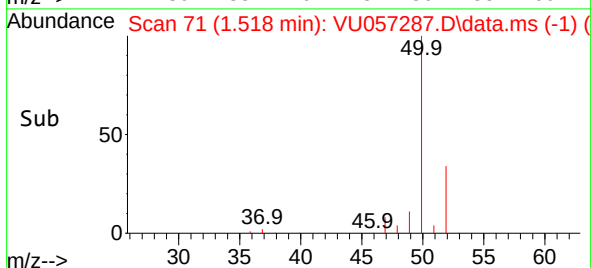
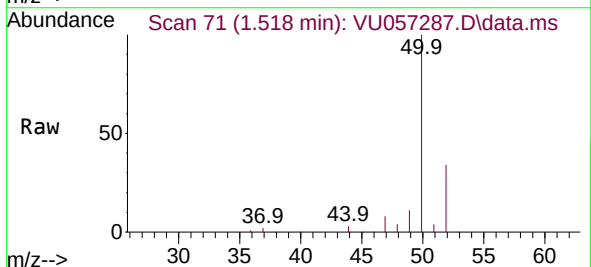


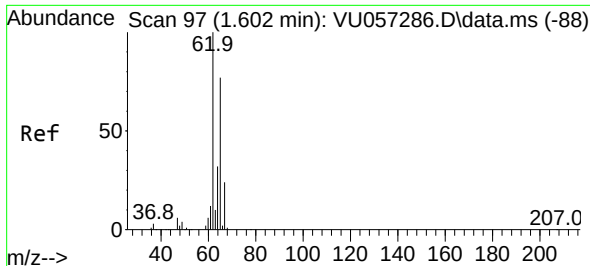
Tgt Ion: 85 Resp: 187735
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.9 38.9



#3
 Chloromethane
 Concen: 9.229 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057287.D
 Acq: 27 Dec 2023 17:49

Tgt Ion: 50 Resp: 204758
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.5 41.7

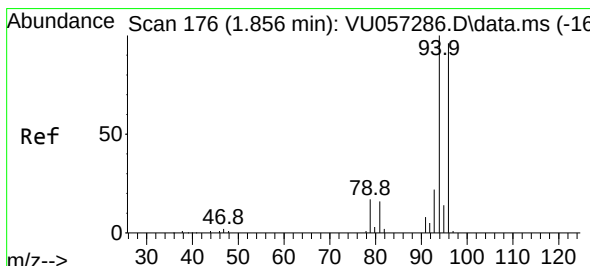
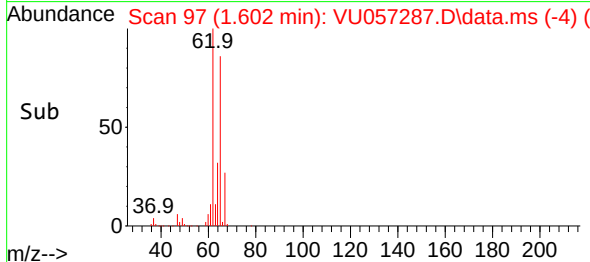
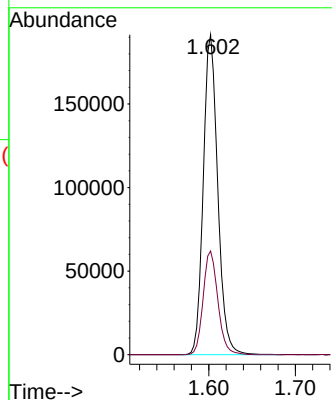
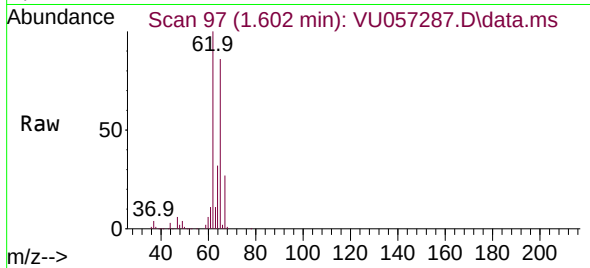




#5
 Vinyl chloride
 Concen: 9.547 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057287.D
 Acq: 27 Dec 2023 17:49

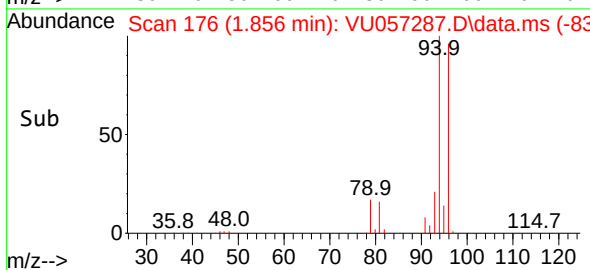
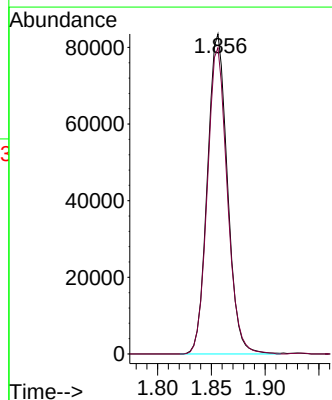
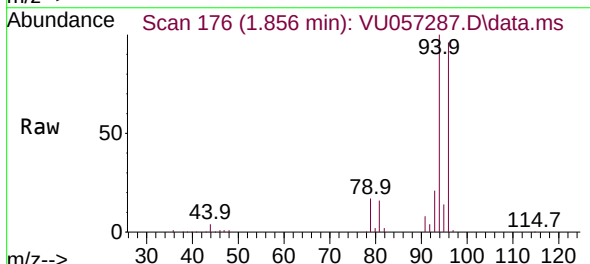
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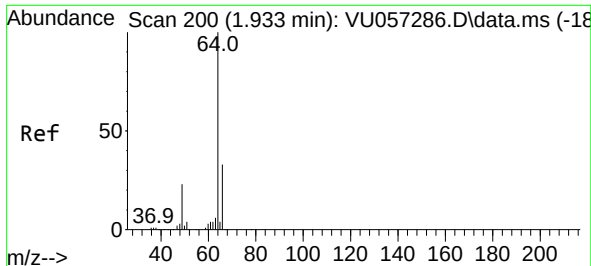
Tgt Ion: 62 Resp: 221616
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.8 42.4



#6
 Bromomethane
 Concen: 10.366 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU057287.D
 Acq: 27 Dec 2023 17:49

Tgt Ion: 94 Resp: 108224
 Ion Ratio Lower Upper
 94 100
 96 95.7 67.3 125.1

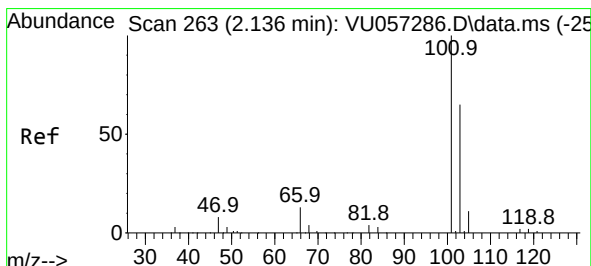
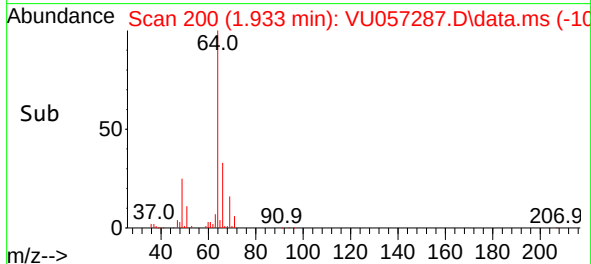
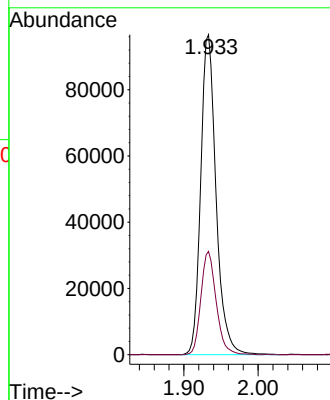
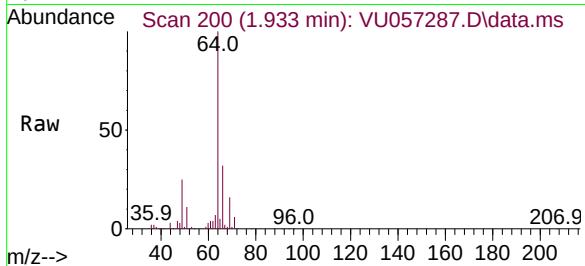




#8
Chloroethane
Concen: 9.442 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

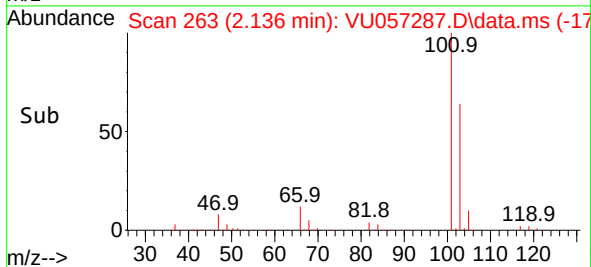
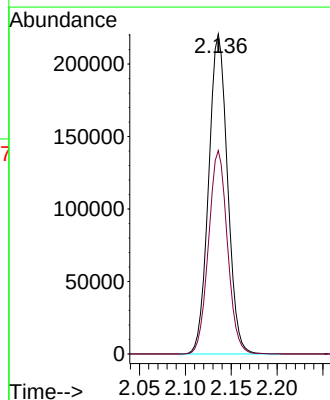
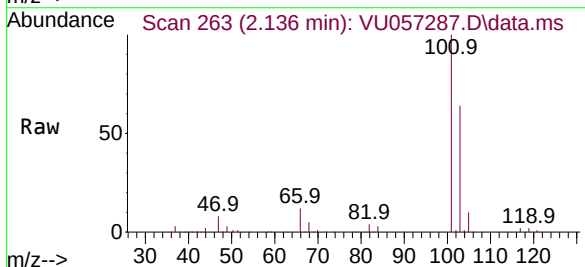
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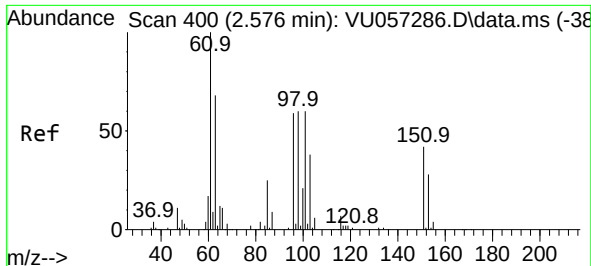
Tgt Ion: 64 Resp: 138959
Ion Ratio Lower Upper
64 100
66 32.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 7.744 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion:101 Resp: 315953
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.2

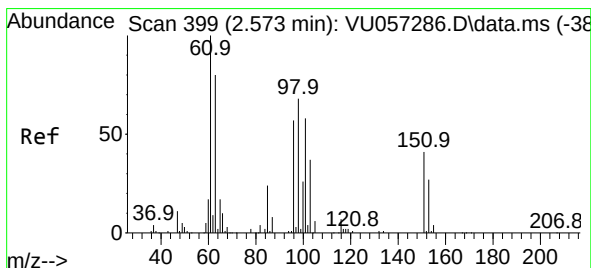
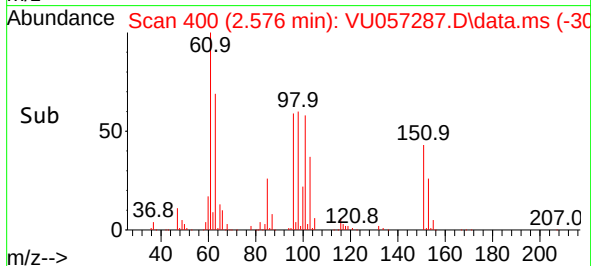
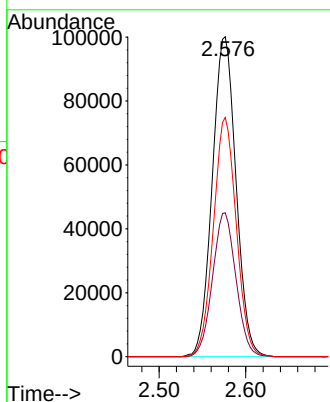
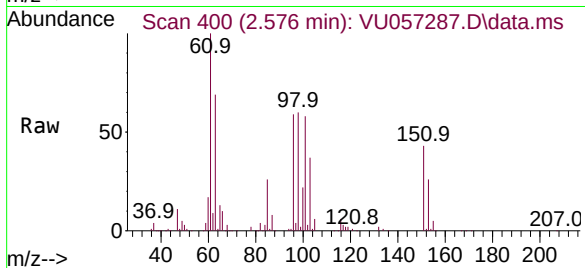




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.749 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

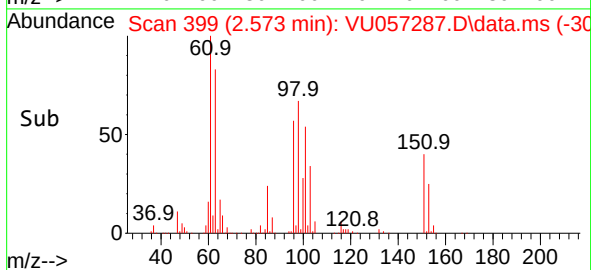
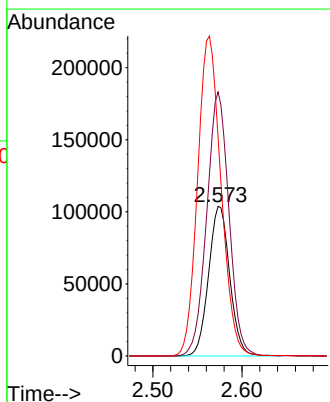
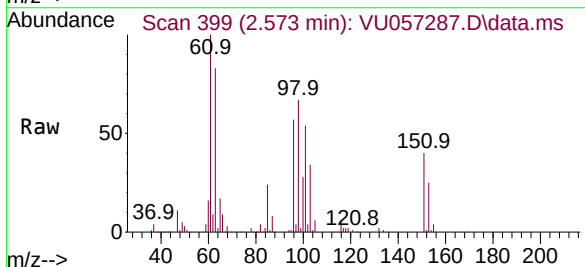
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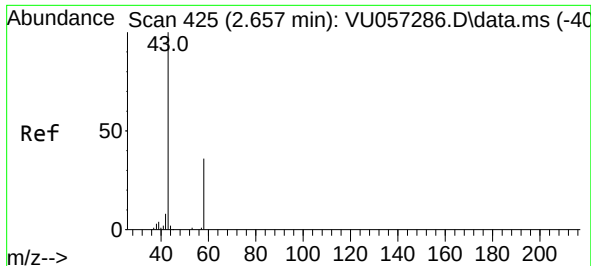
Tgt Ion:101 Resp: 190814
Ion Ratio Lower Upper
101 100
85 44.3 35.1 52.7
151 72.2 55.8 83.6



#12
1,1-Dichloroethene
Concen: 8.689 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion: 96 Resp: 170647
Ion Ratio Lower Upper
96 100
61 176.5 122.2 226.9
63 146.5 99.2 184.2





#13

Acetone

Concen: 116.625 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

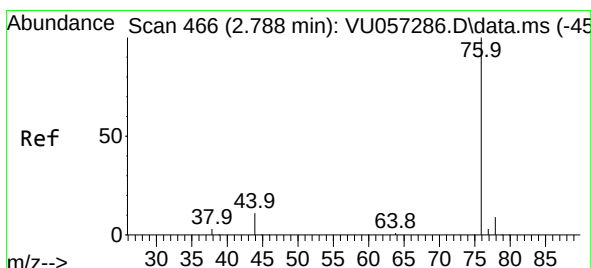
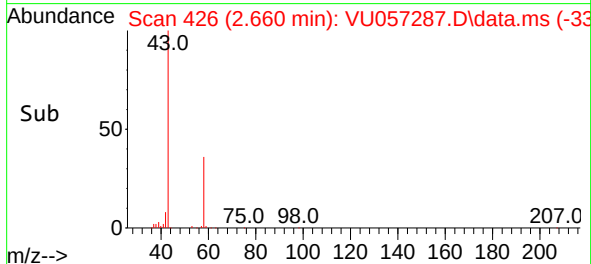
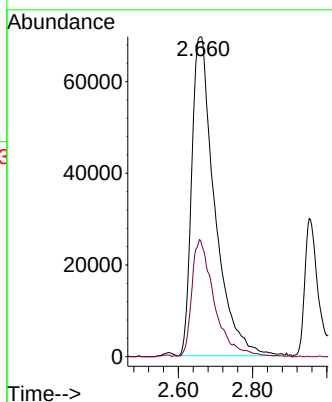
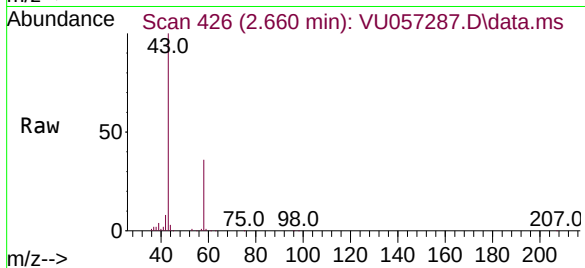
ClientSampleId :

Tgt Ion: 43 Resp: 298755

Ion Ratio Lower Upper

43 100

58 35.2 0.0 67.2



#14

Carbon disulfide

Concen: 7.904 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057287.D

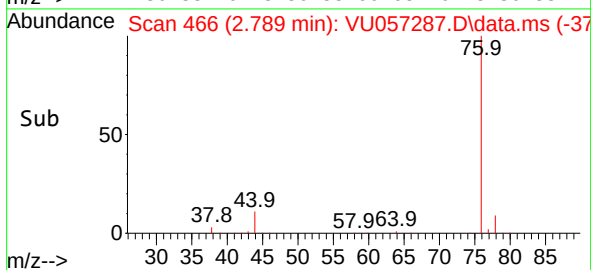
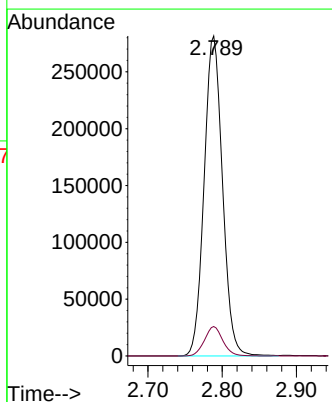
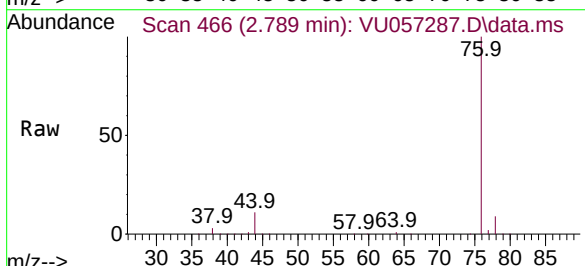
Acq: 27 Dec 2023 17:49

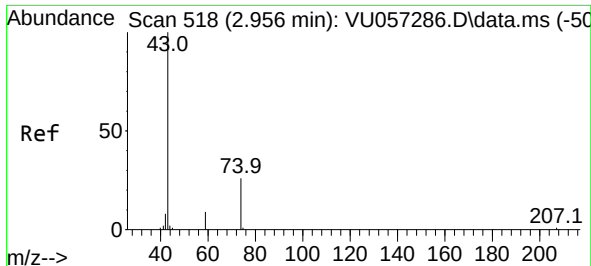
Tgt Ion: 76 Resp: 483151

Ion Ratio Lower Upper

76 100

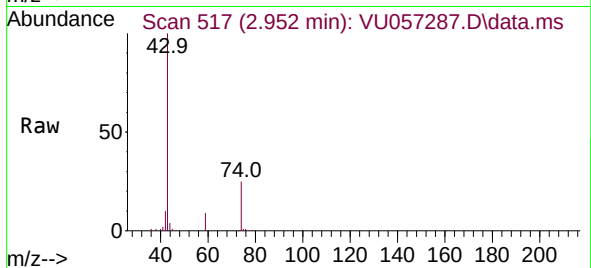
78 9.2 7.3 10.9



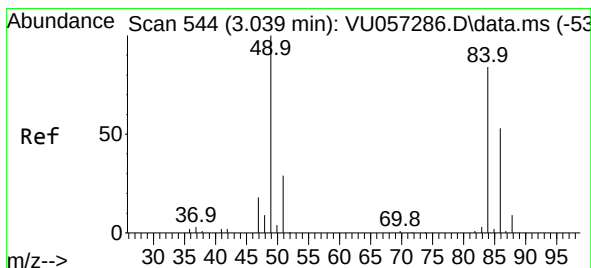
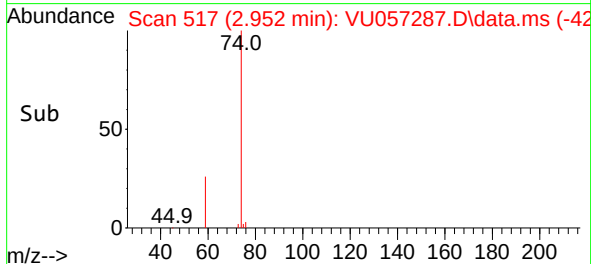
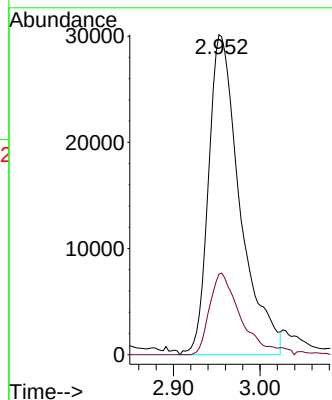


#15
Methyl Acetate
Concen: 12.736 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Instrument :
MSVOA_U
ClientSampleId :

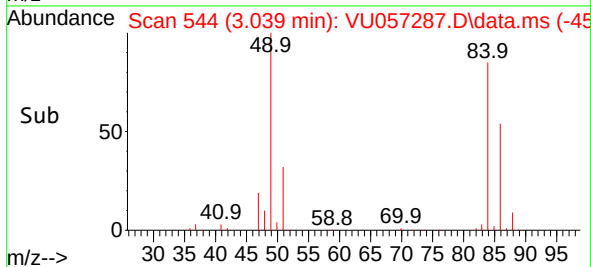
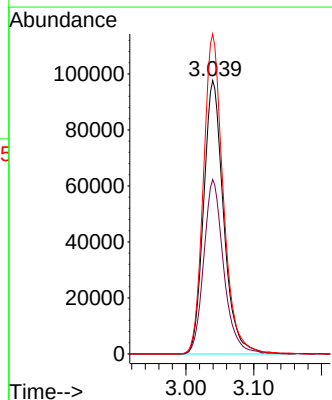
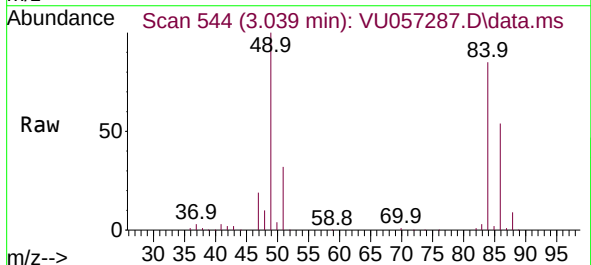


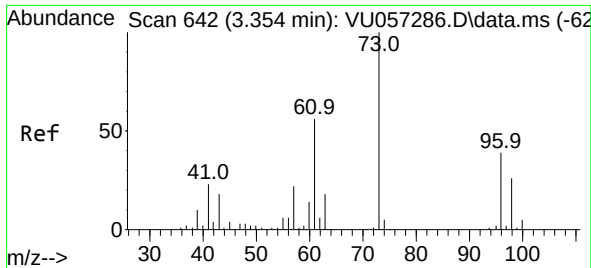
Tgt Ion: 43 Resp: 76088
Ion Ratio Lower Upper
43 100
74 24.7 20.5 30.7



#16
Methylene chloride
Concen: 8.587 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion: 84 Resp: 199733
Ion Ratio Lower Upper
84 100
86 63.8 43.8 81.3
49 117.1 83.2 154.4

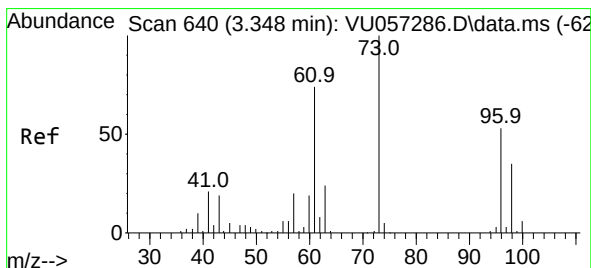
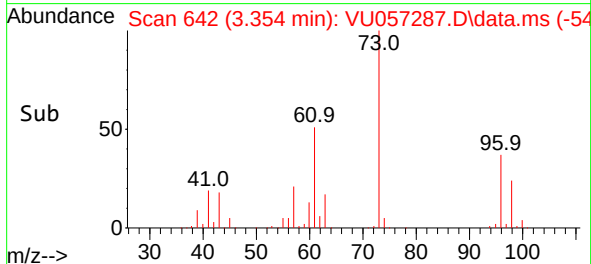
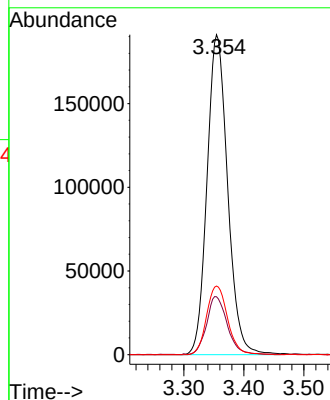
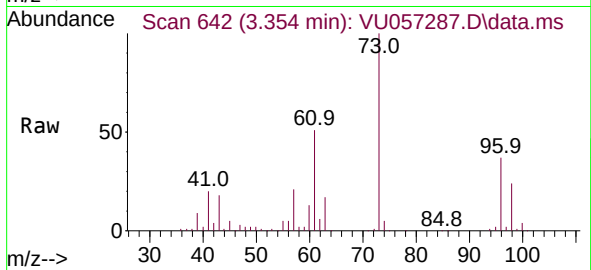




#17
Methyl tert-butyl Ether
Concen: 10.689 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

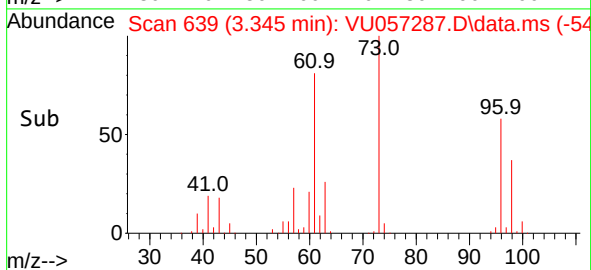
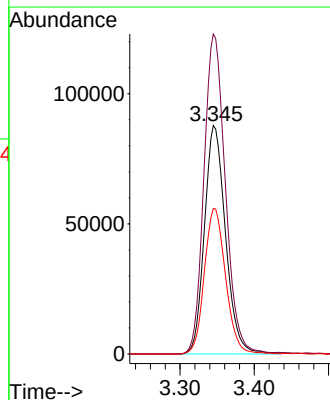
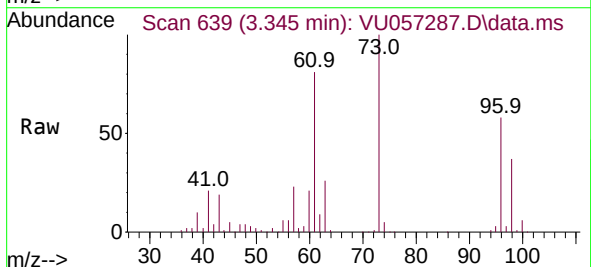
Instrument :
MSVOA_U
ClientSampleId :

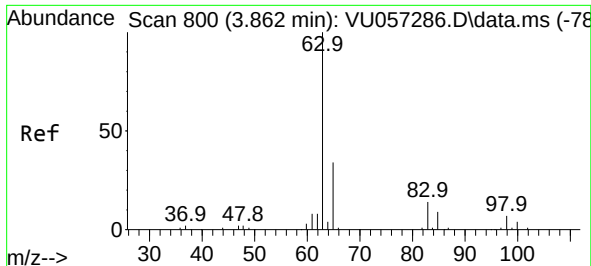
Tgt Ion: 73 Resp: 456779
Ion Ratio Lower Upper
73 100
43 18.0 15.2 22.8
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 9.117 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

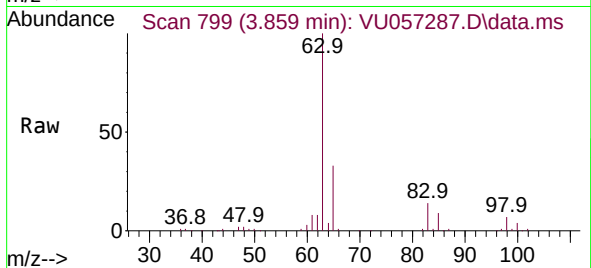
Tgt Ion: 96 Resp: 173457
Ion Ratio Lower Upper
96 100
61 140.1 97.5 181.1
98 63.7 45.9 85.3



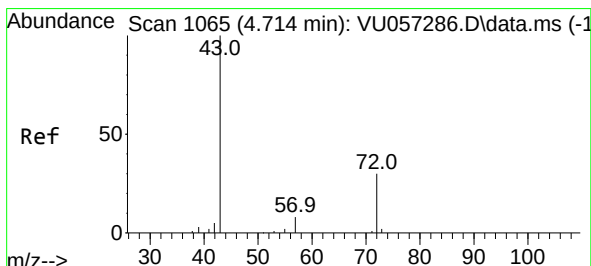
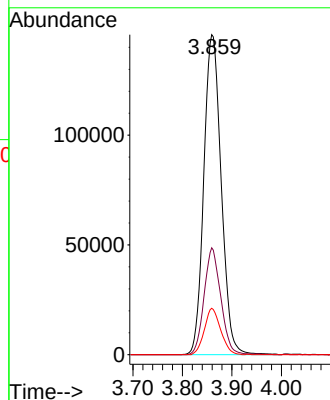
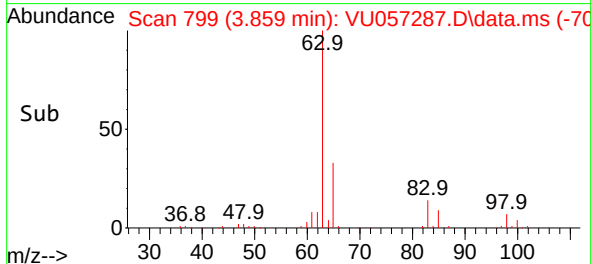


#19
1,1-Dichloroethane
Concen: 9.304 ug/L
RT: 3.859 min Scan# 79
Delta R.T. -0.003 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Instrument :
MSVOA_U
ClientSampleId :

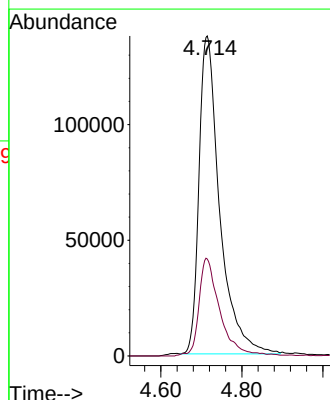
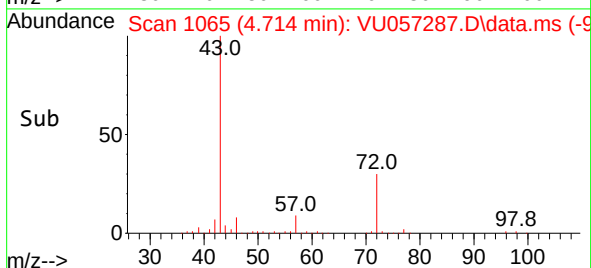
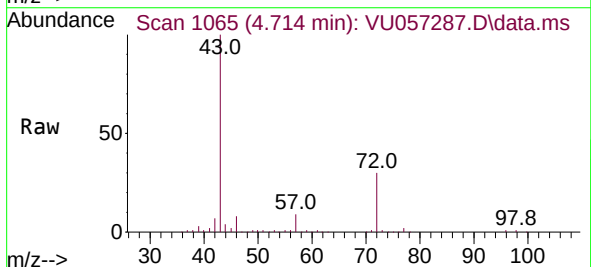


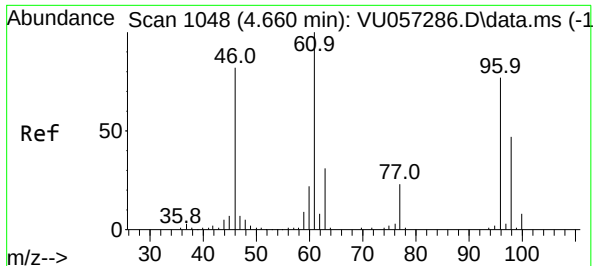
Tgt Ion: 63 Resp: 356114
Ion Ratio Lower Upper
63 100
65 33.4 23.6 43.8
83 14.5 9.8 18.2



#21
2-Butanone
Concen: 123.786 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

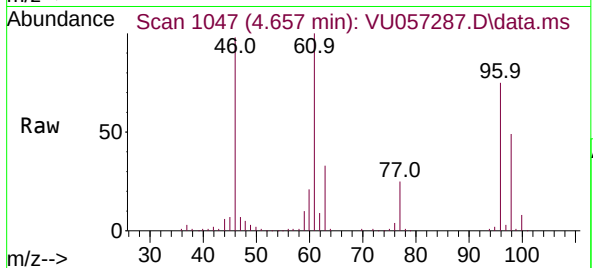
Tgt Ion: 43 Resp: 487408
Ion Ratio Lower Upper
43 100
72 30.8 14.3 42.9





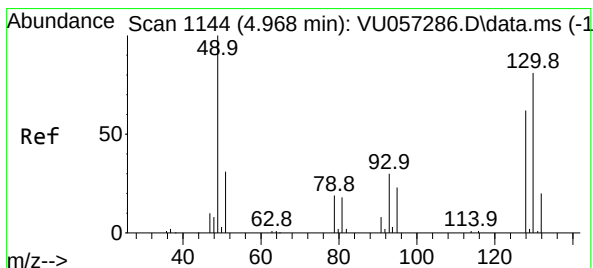
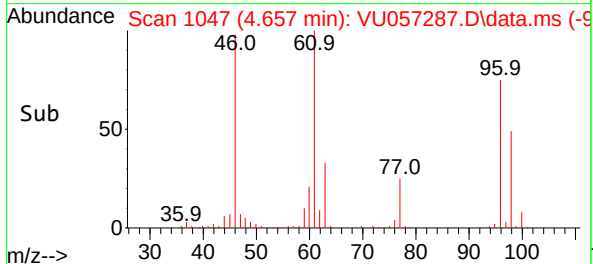
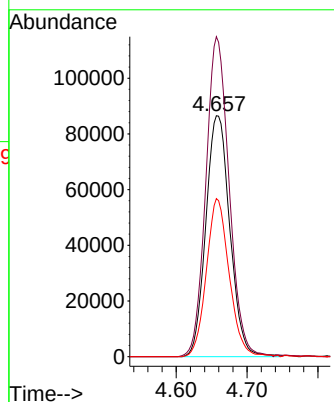
#22
 cis-1,2-Dichloroethene
 Concen: 9.665 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU057287.D
 Acq: 27 Dec 2023 17:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 203748

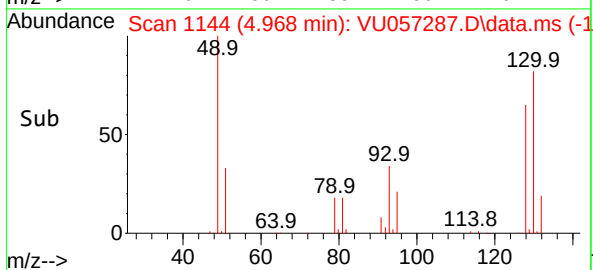
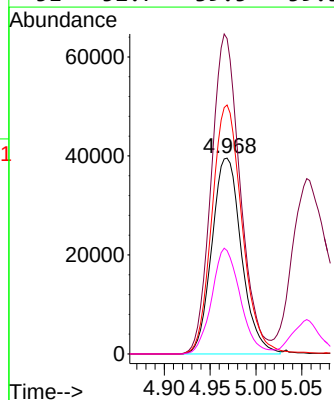
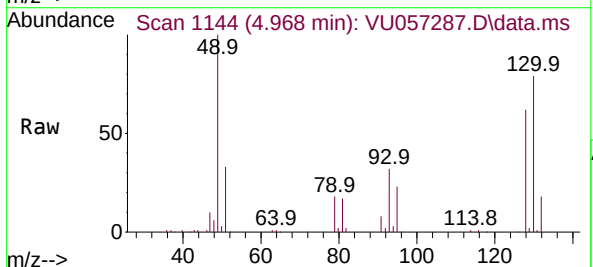
Ion	Ratio	Lower	Upper
96	100		
61	132.8	91.1	169.3
98	65.6	42.6	79.0

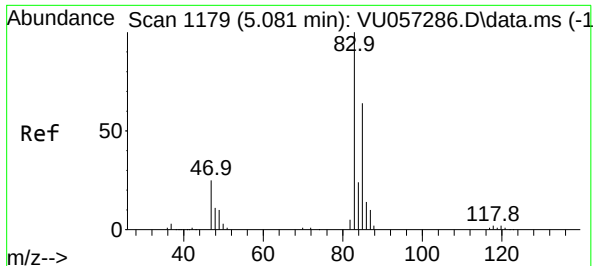


#23
 Bromochloromethane
 Concen: 9.538 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057287.D
 Acq: 27 Dec 2023 17:49

Tgt Ion: 128 Resp: 88711

Ion	Ratio	Lower	Upper
128	100		
49	161.0	113.1	210.1
130	127.1	91.6	170.2
51	52.7	39.5	59.3





#25

Chloroform

Concen: 8.918 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

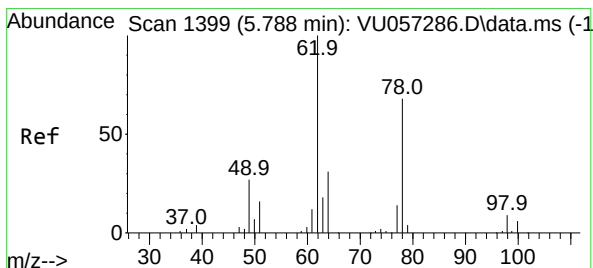
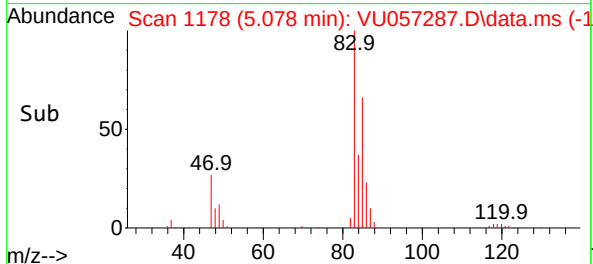
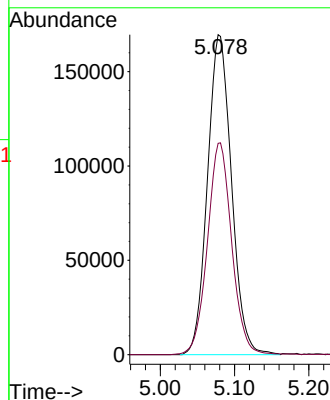
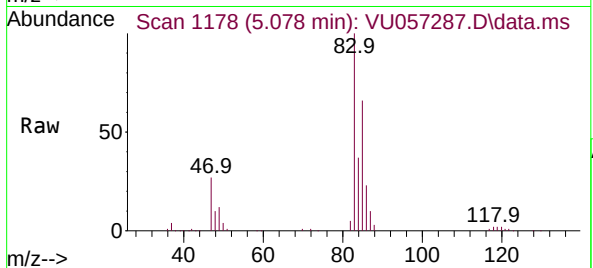
ClientSampleId :

Tgt Ion: 83 Resp: 380955

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 9.270 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU057287.D

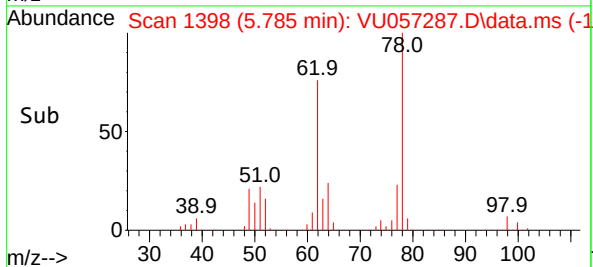
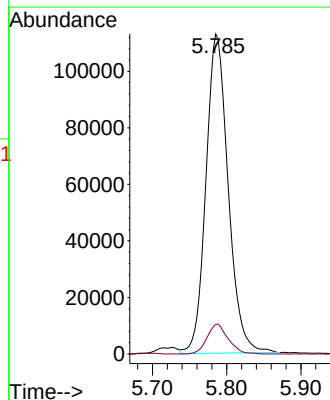
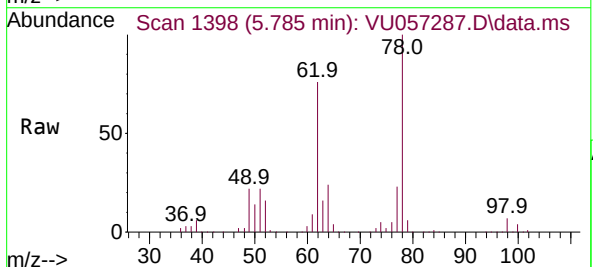
Acq: 27 Dec 2023 17:49

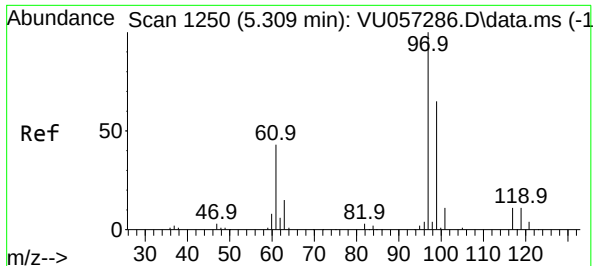
Tgt Ion: 62 Resp: 235357

Ion Ratio Lower Upper

62 100

98 9.2 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 8.380 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

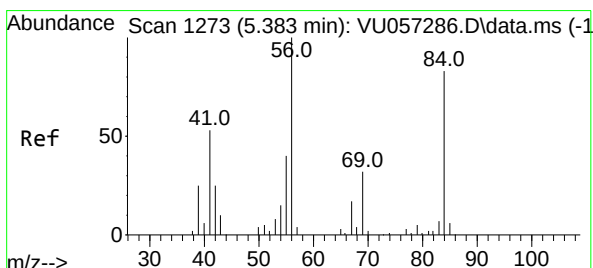
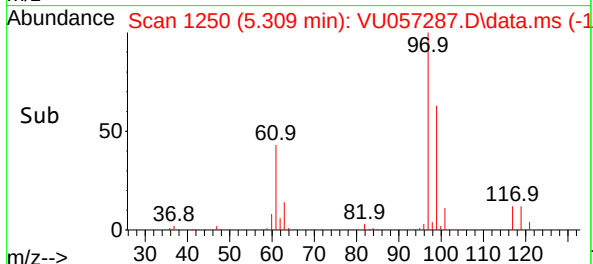
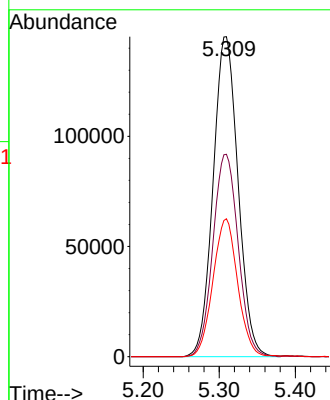
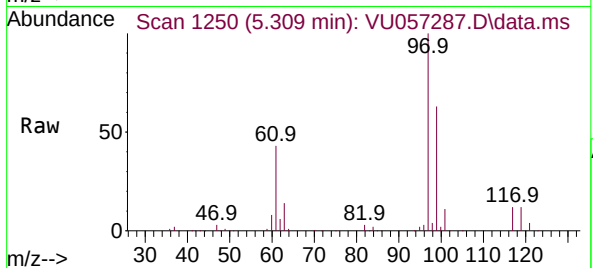
Tgt Ion: 97 Resp: 331164

Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 42.6 34.1 51.1



#30

Cyclohexane

Concen: 9.891 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

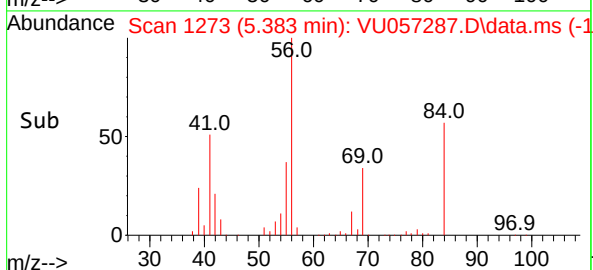
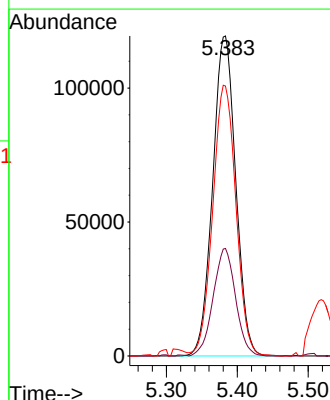
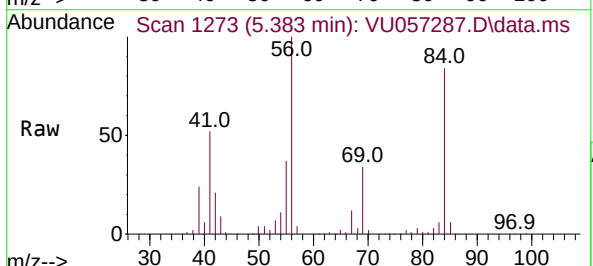
Tgt Ion: 56 Resp: 269876

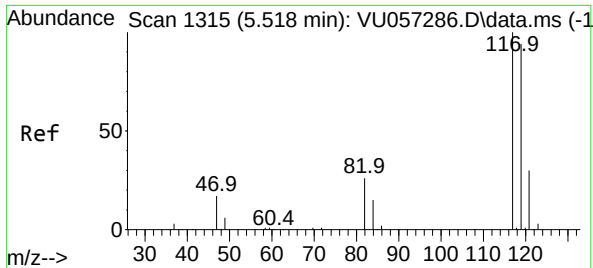
Ion Ratio Lower Upper

56 100

69 32.7 26.2 39.4

84 85.2 69.4 104.2

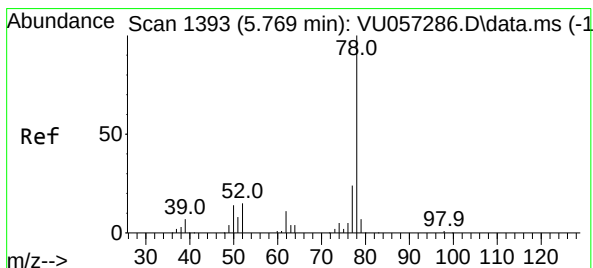
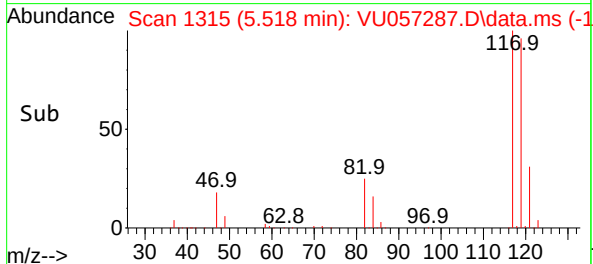
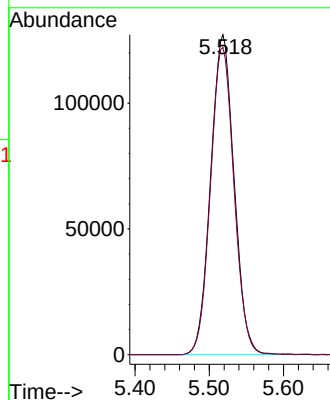
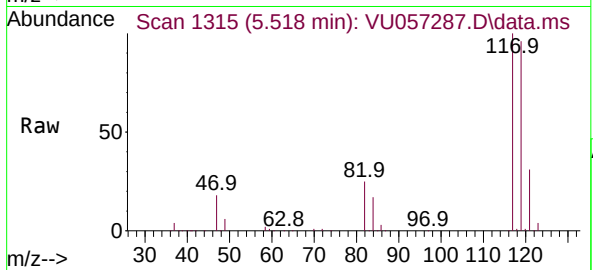




#31
Carbon tetrachloride
Concen: 8.082 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

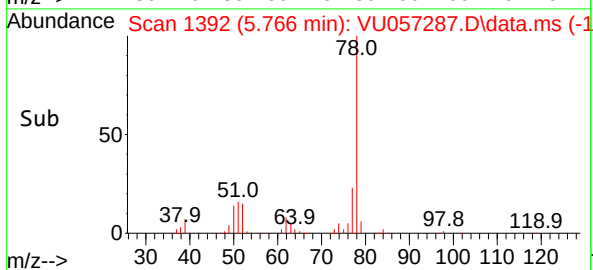
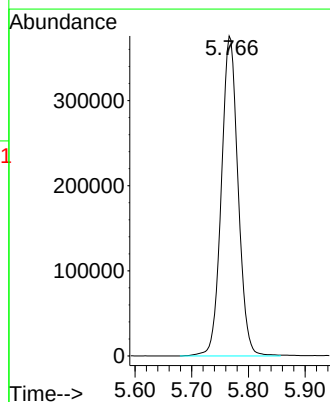
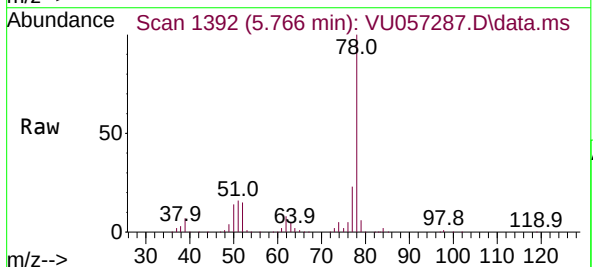
Instrument :
MSVOA_U
ClientSampleId :

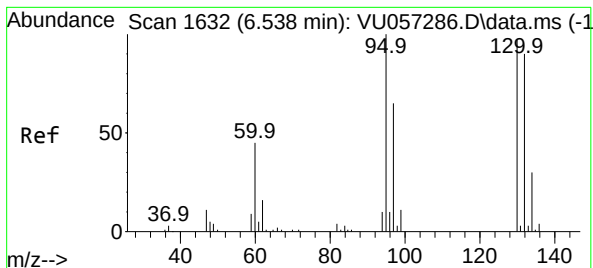
Tgt Ion:117 Resp: 279132
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 9.496 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion: 78 Resp: 769183





#34

Trichloroethene

Concen: 8.799 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 205649

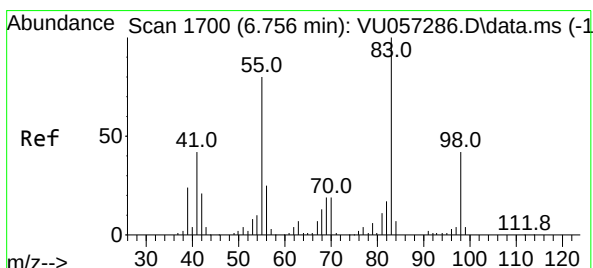
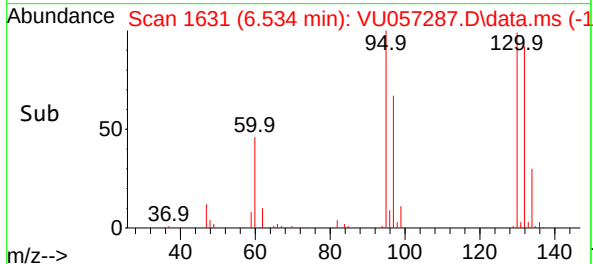
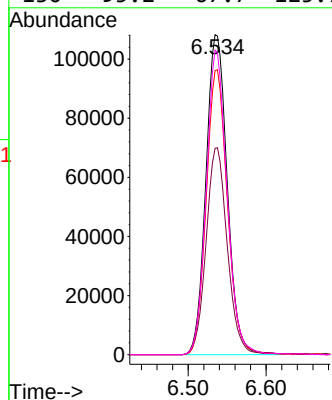
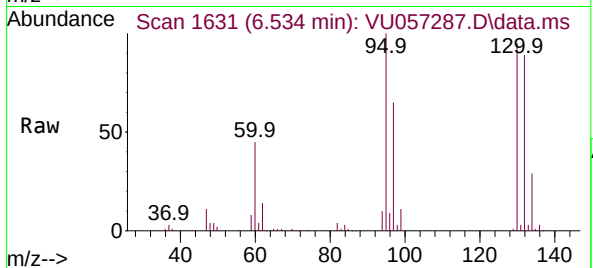
Ion Ratio Lower Upper

95 100

97 64.5 45.3 84.1

132 88.7 63.1 117.3

130 95.2 67.7 125.7



#35

Methylcyclohexane

Concen: 9.525 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

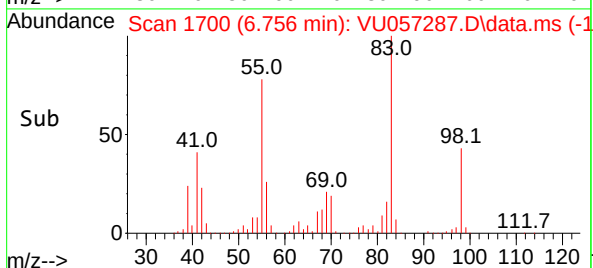
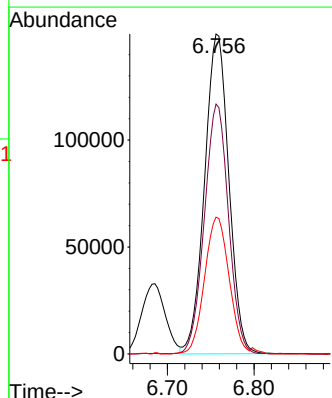
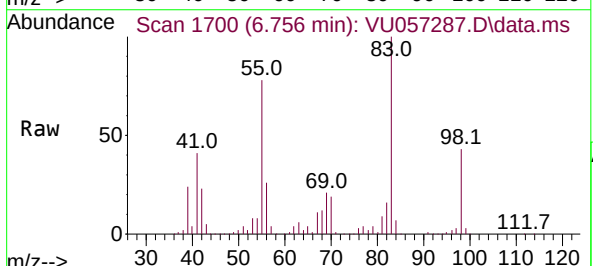
Tgt Ion: 83 Resp: 291386

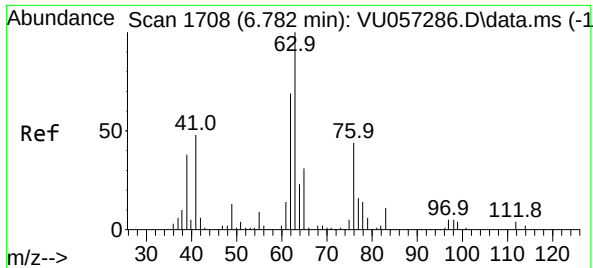
Ion Ratio Lower Upper

83 100

55 77.4 65.4 98.2

98 43.2 35.3 52.9

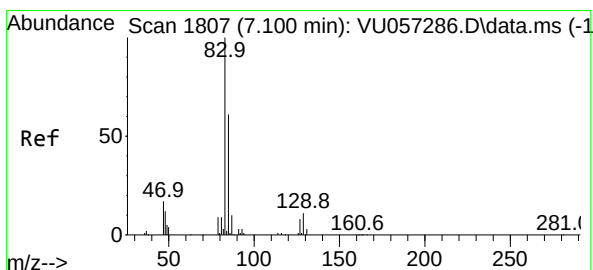
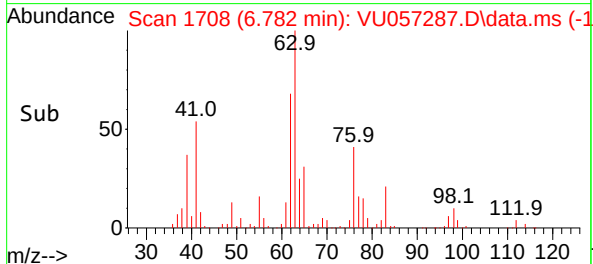
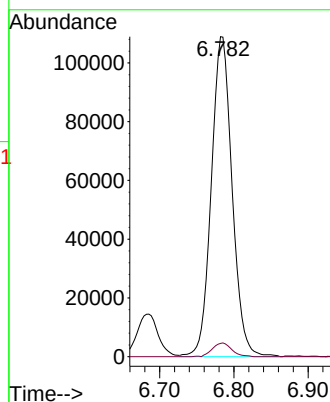
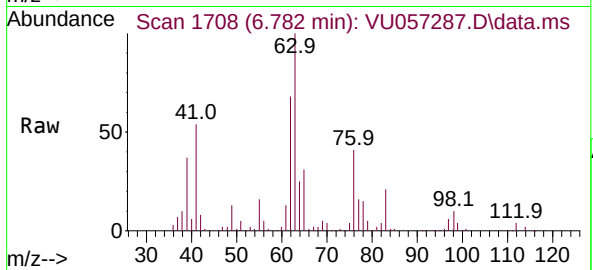




#37
1,2-Dichloropropane
Concen: 10.316 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

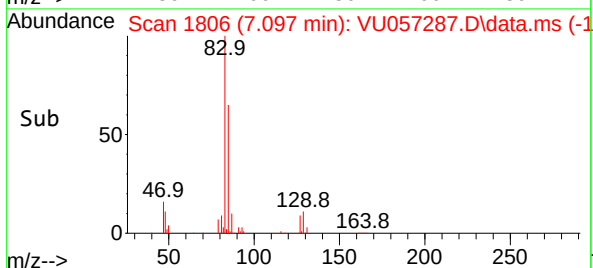
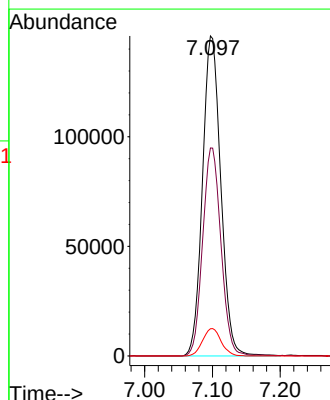
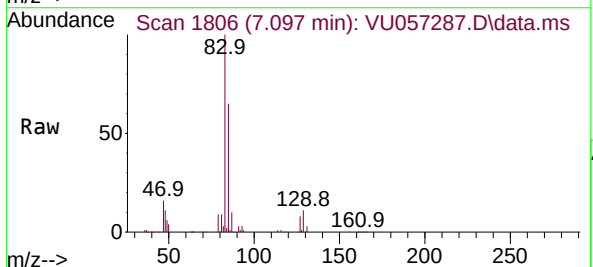
Instrument :
MSVOA_U
ClientSampleId :

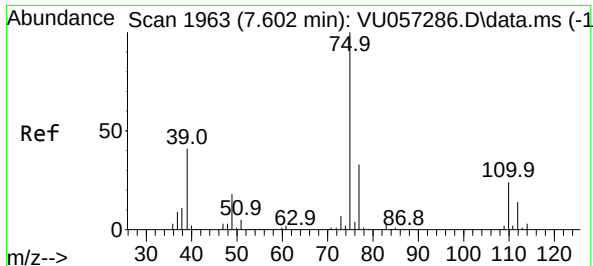
Tgt Ion: 63 Resp: 211941
Ion Ratio Lower Upper
63 100
112 4.0 2.9 4.3



#38
Bromodichloromethane
Concen: 9.386 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion: 83 Resp: 274302
Ion Ratio Lower Upper
83 100
85 65.0 42.6 79.0
127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 10.163 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

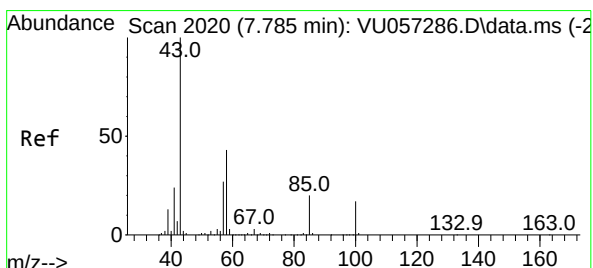
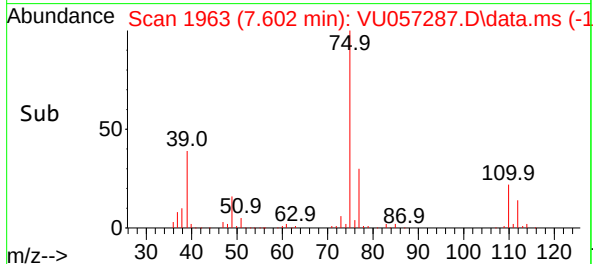
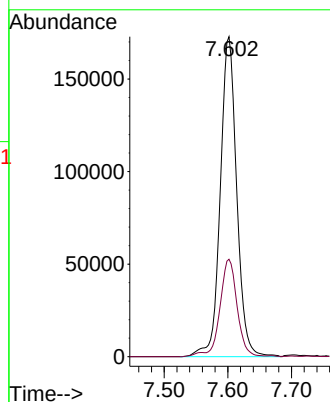
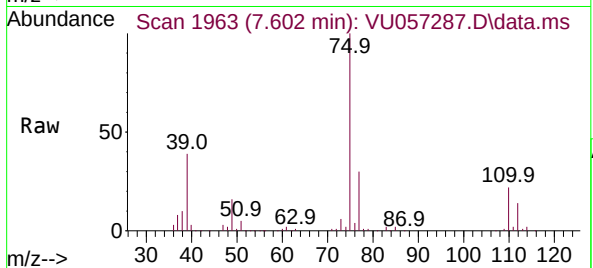
ClientSampleId :

Tgt Ion: 75 Resp: 310547

Ion Ratio Lower Upper

75 100

77 30.4 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 126.889 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

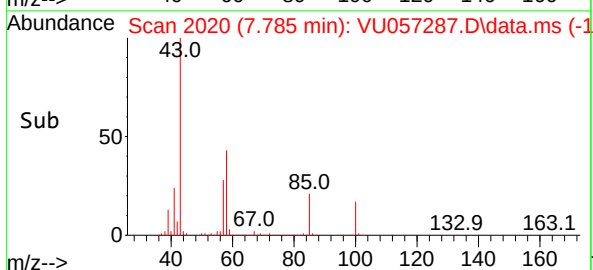
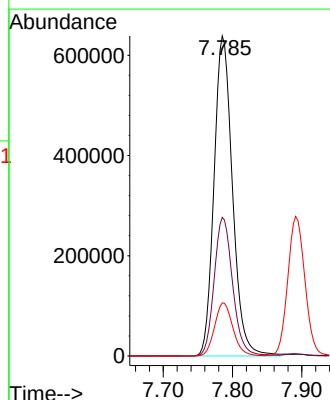
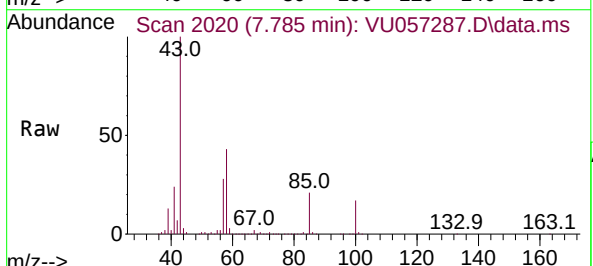
Tgt Ion: 43 Resp: 1183150

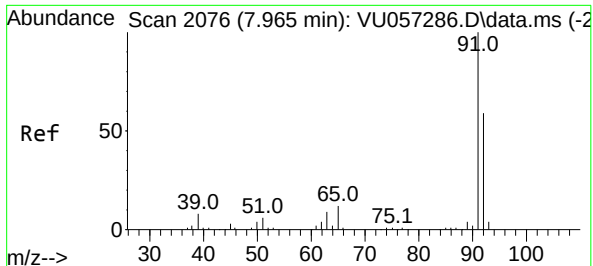
Ion Ratio Lower Upper

43 100

58 43.3 34.4 51.6

100 16.5 13.2 19.8





#42

Toluene

Concen: 9.571 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

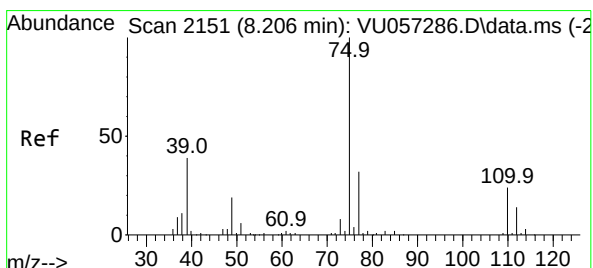
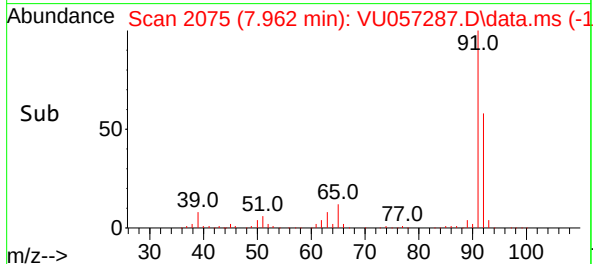
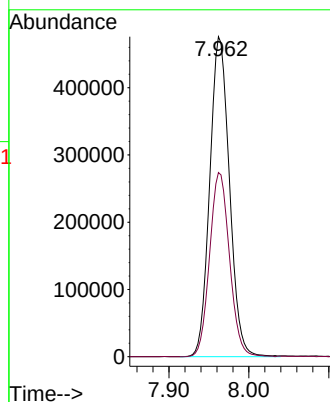
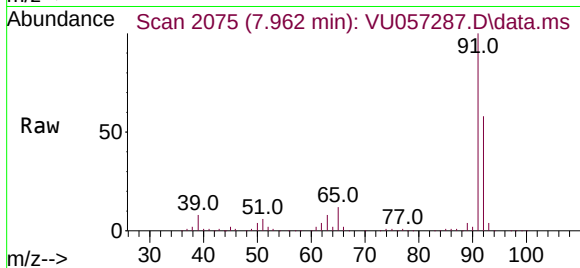
ClientSampleId :

Tgt Ion: 91 Resp: 813756

Ion Ratio Lower Upper

91 100

92 57.6 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 10.167 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057287.D

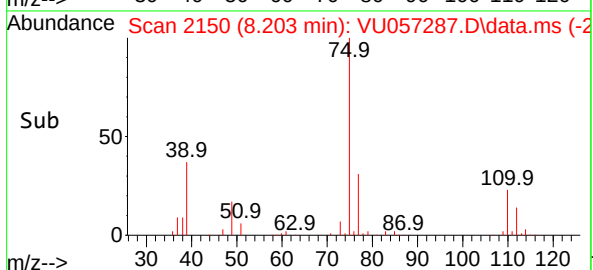
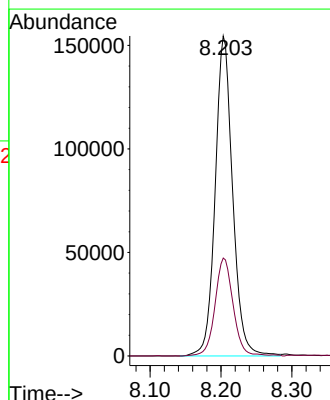
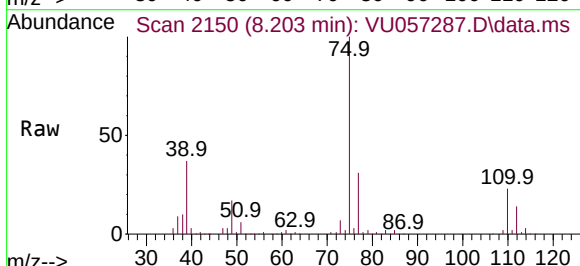
Acq: 27 Dec 2023 17:49

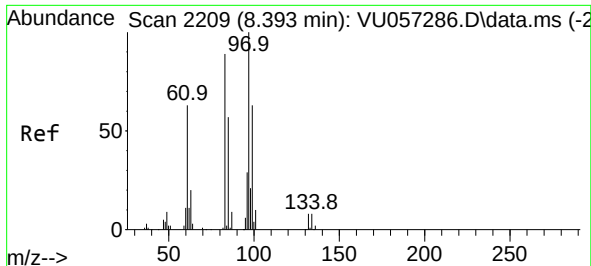
Tgt Ion: 75 Resp: 264661

Ion Ratio Lower Upper

75 100

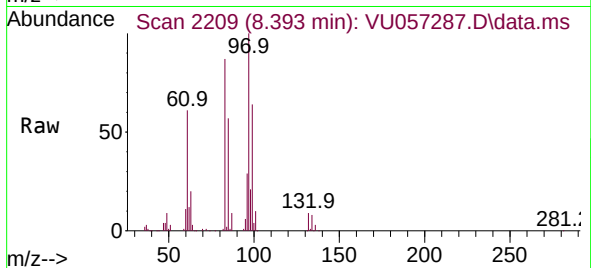
77 30.6 22.5 41.9



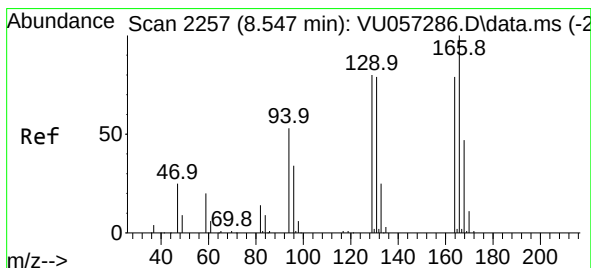
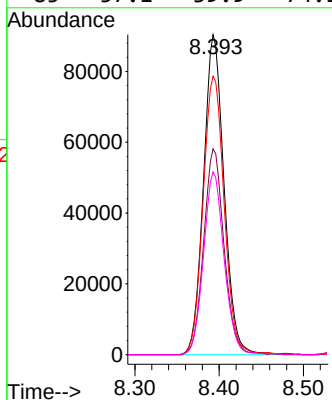
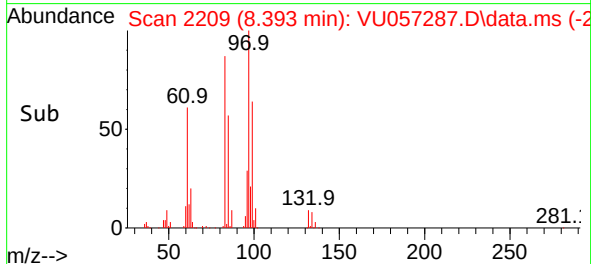


#45
1,1,2-Trichloroethane
Concen: 10.638 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

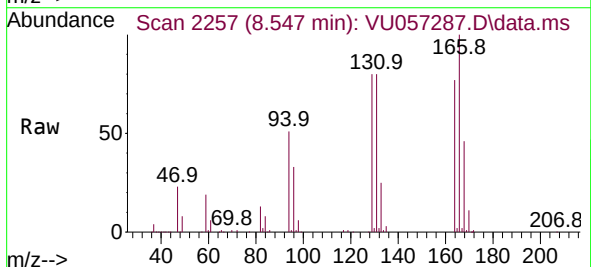
Instrument :
MSVOA_U
ClientSampleId :



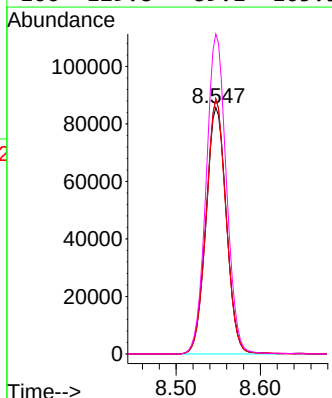
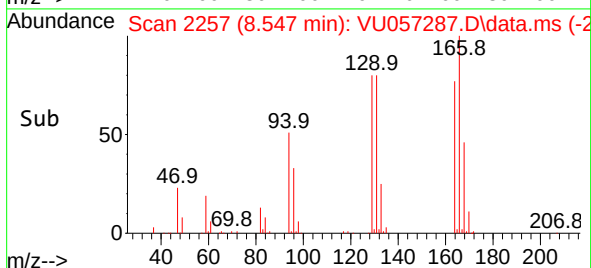
Tgt Ion:	97	Resp:	153252
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.0	81.8
83	87.1	62.3	115.7
85	57.1	39.9	74.1

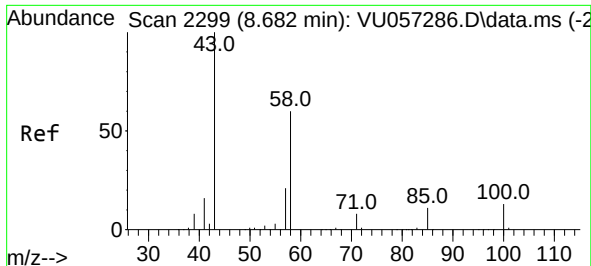


#47
Tetrachloroethene
Concen: 8.654 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49



Tgt Ion:	164	Resp:	144141
Ion	Ratio	Lower	Upper
164	100		
129	103.5	71.3	132.5
131	103.5	70.7	131.3
166	129.8	89.1	165.5



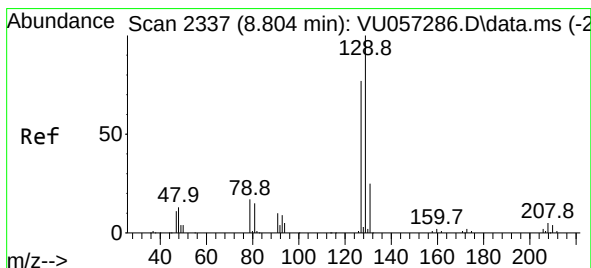
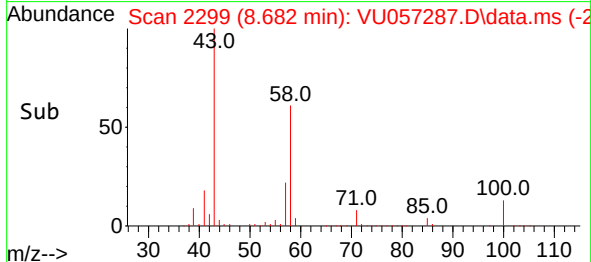
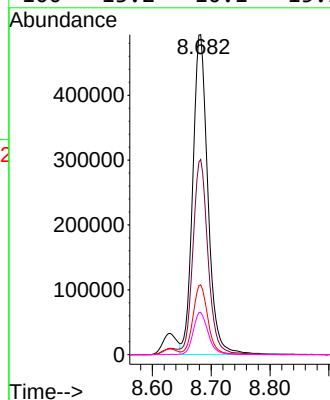
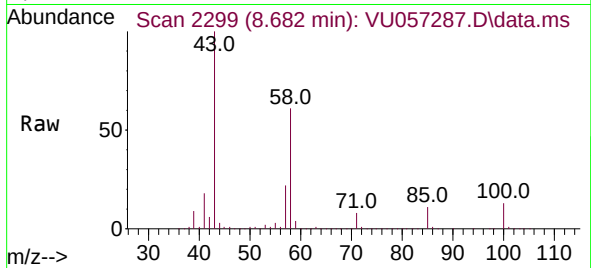


#48
2-Hexanone
Concen: 127.604 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 879685

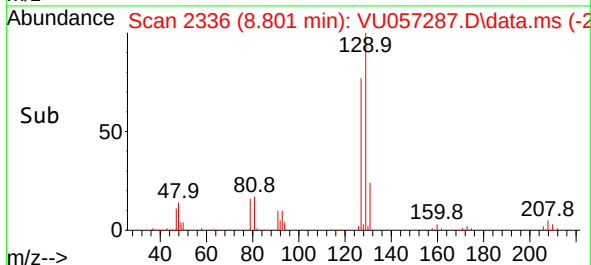
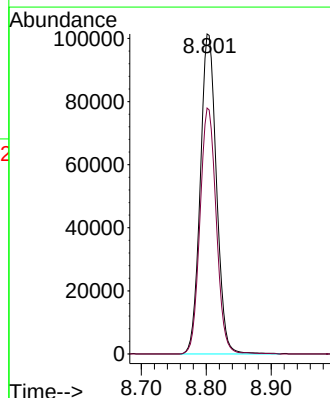
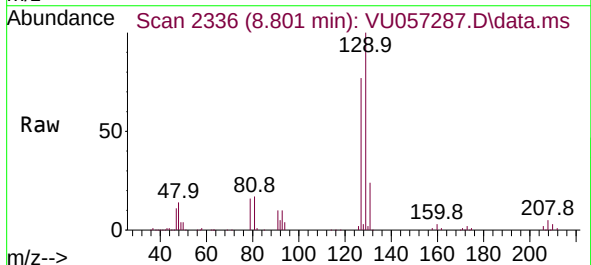
Ion	Ratio	Lower	Upper
43	100		
58	60.9	48.4	72.6
57	21.6	17.4	26.2
100	13.2	10.1	15.1

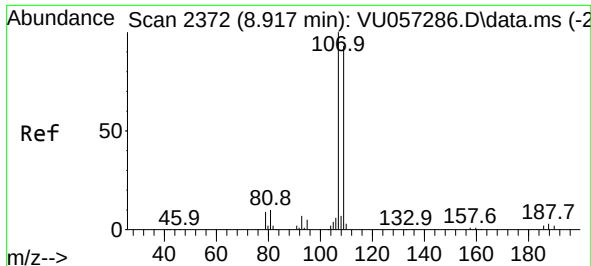


#49
Dibromochloromethane
Concen: 9.679 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion: 129 Resp: 176091

Ion	Ratio	Lower	Upper
129	100		
127	76.9	54.2	100.6

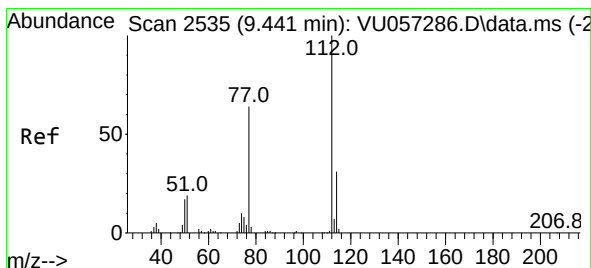
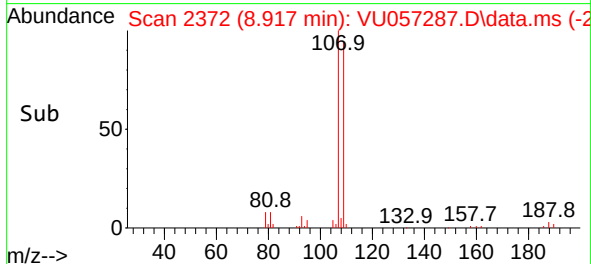
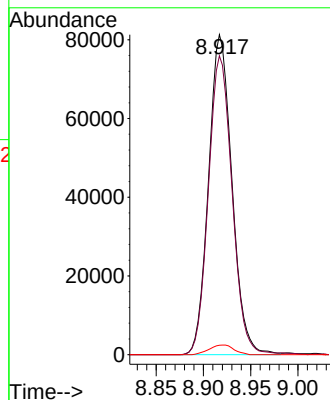
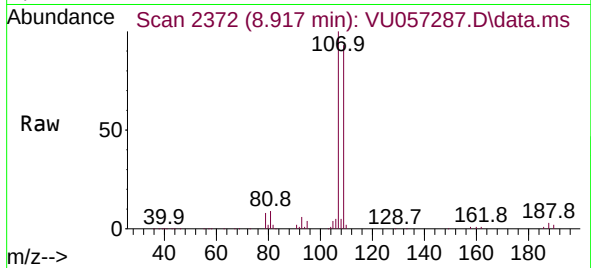




#50
1,2-Dibromoethane
Concen: 10.463 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

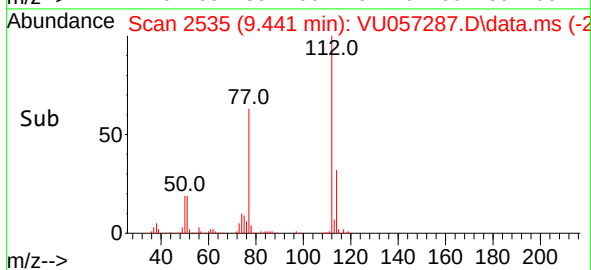
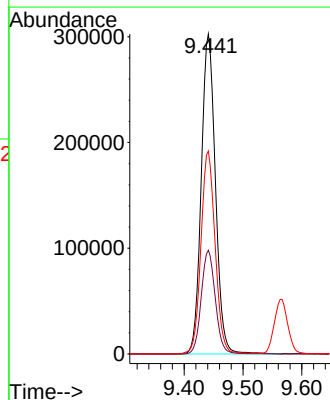
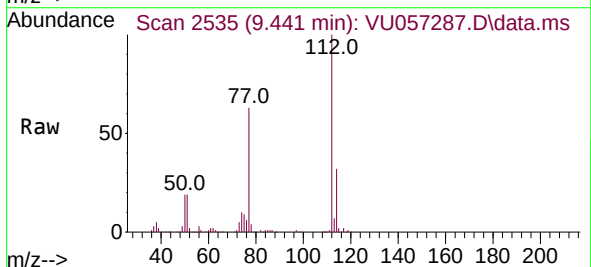
Instrument :
MSVOA_U
ClientSampleId :

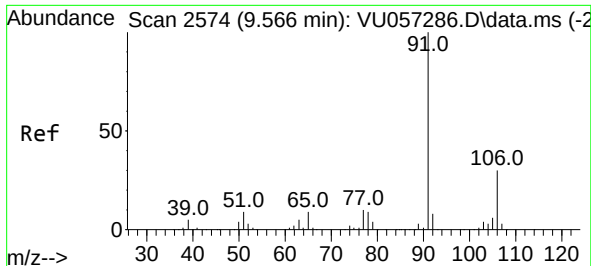
Tgt Ion:107 Resp: 140087
Ion Ratio Lower Upper
107 100
109 93.4 65.2 121.2
188 2.9 2.3 3.5



#51
Chlorobenzene
Concen: 9.106 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion:112 Resp: 506294
Ion Ratio Lower Upper
112 100
114 32.4 21.8 40.4
77 63.4 51.2 76.8

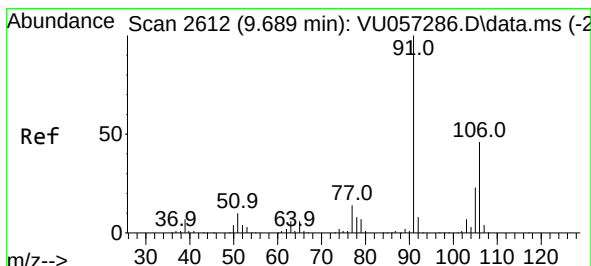
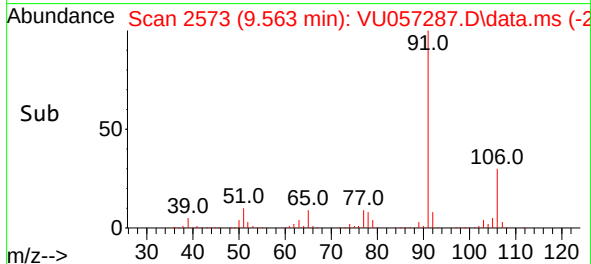
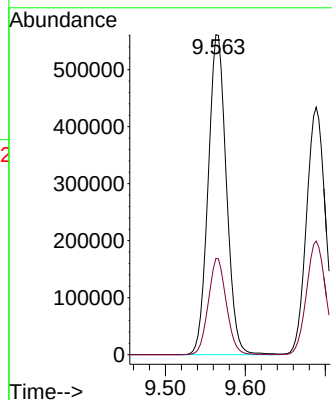
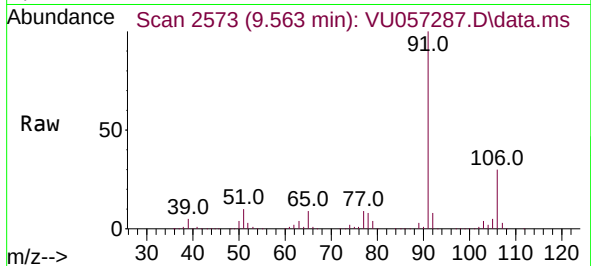




#52
Ethylbenzene
Concen: 9.356 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

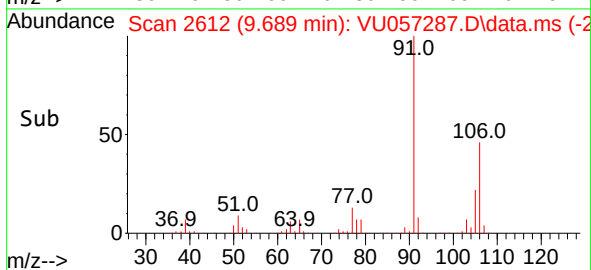
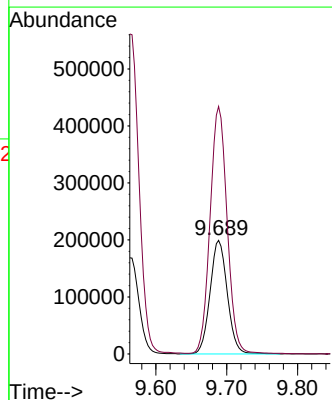
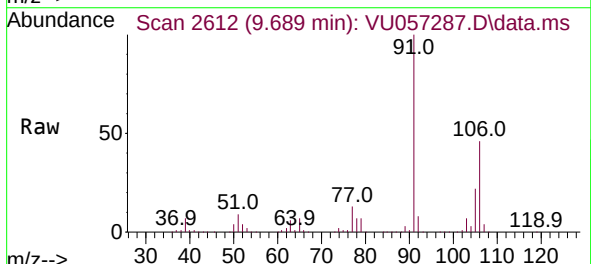
Instrument :
MSVOA_U
ClientSampleId :

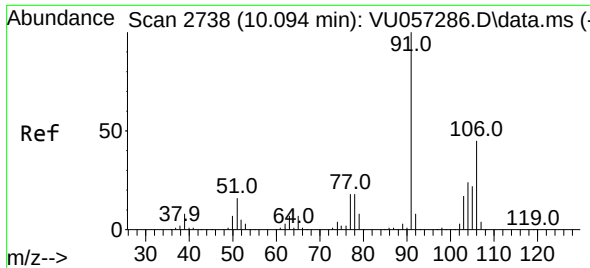
Tgt Ion: 91 Resp: 889006
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3



#53
m,p-Xylene
Concen: 9.673 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion: 106 Resp: 336664
Ion Ratio Lower Upper
106 100
91 217.9 151.5 281.5

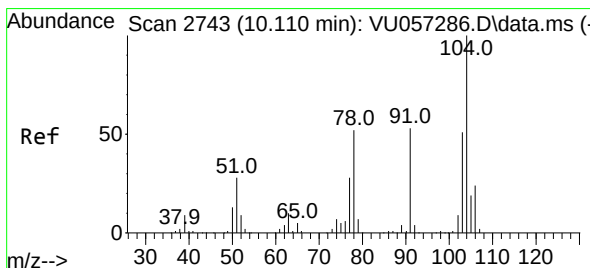
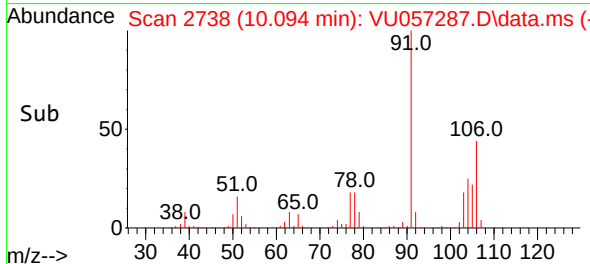
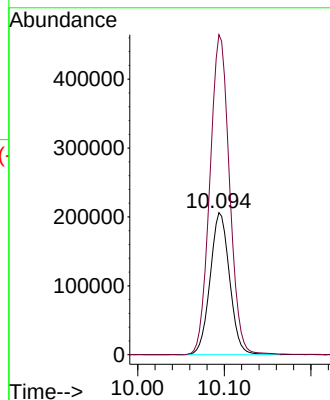
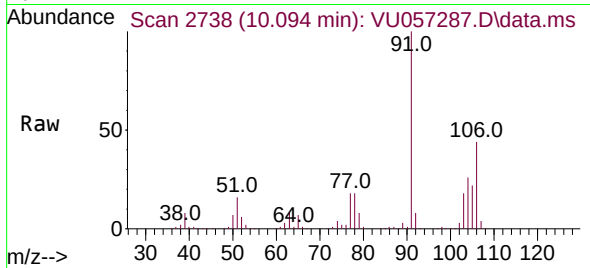




#54
o-Xylene
Concen: 9.562 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

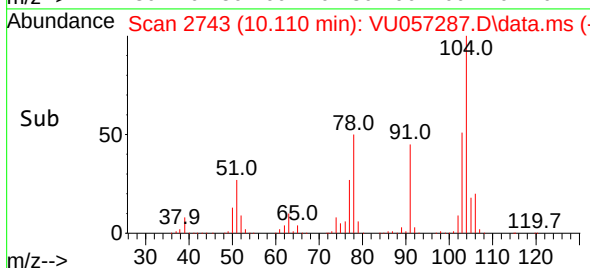
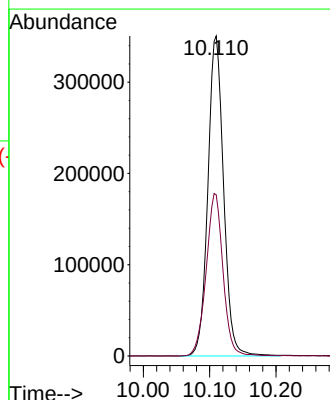
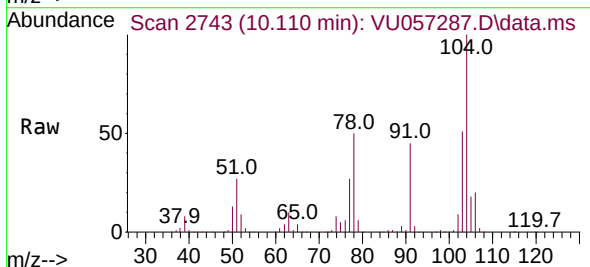
Instrument :
MSVOA_U
ClientSampleId :

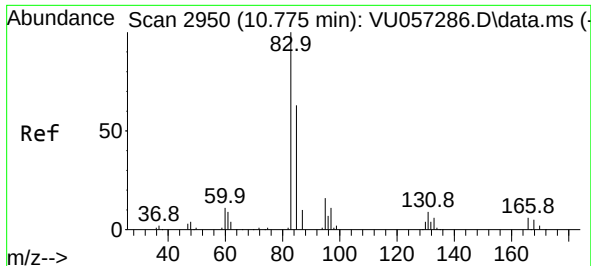
Tgt Ion:106 Resp: 321612
Ion Ratio Lower Upper
106 100
91 225.3 156.0 289.8



#55
Styrene
Concen: 10.382 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion:104 Resp: 576919
Ion Ratio Lower Upper
104 100
78 50.4 36.3 67.3





#57

1,1,2,2-Tetrachloroethane

Concen: 11.405 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

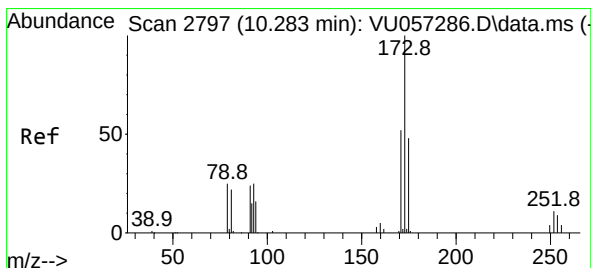
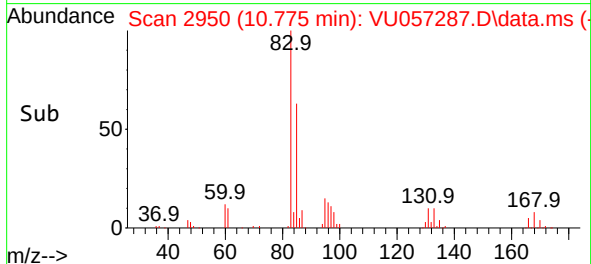
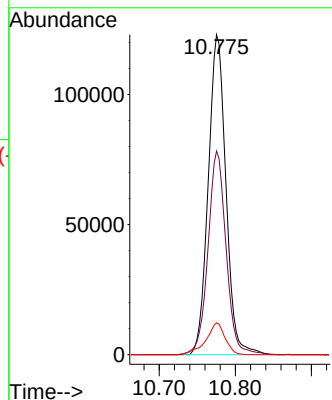
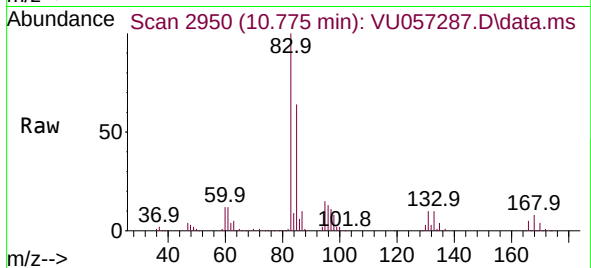
Tgt Ion: 83 Resp: 198817

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

131 10.0 7.7 11.5



#59

Bromoform

Concen: 9.822 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

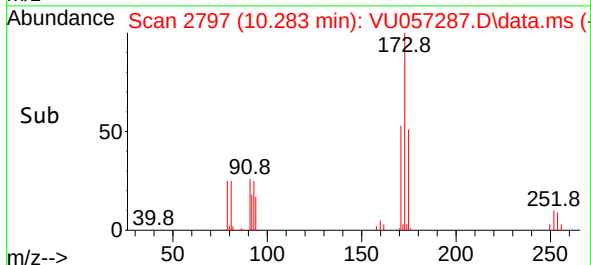
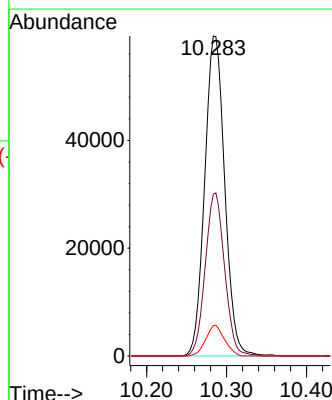
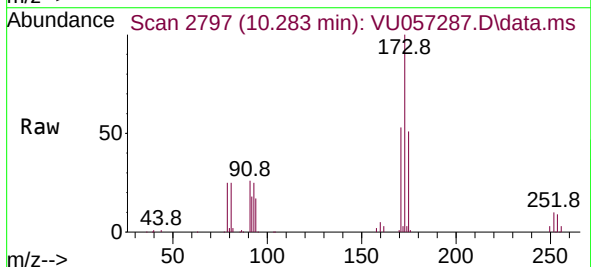
Tgt Ion:173 Resp: 103422

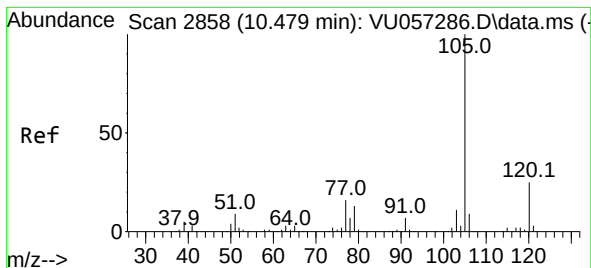
Ion Ratio Lower Upper

173 100

175 49.3 40.2 60.2

254 9.0 6.8 10.2





#60

Isopropylbenzene

Concen: 9.152 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

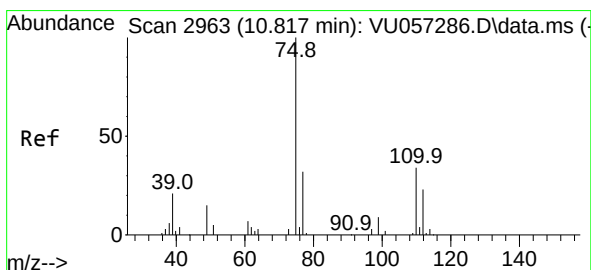
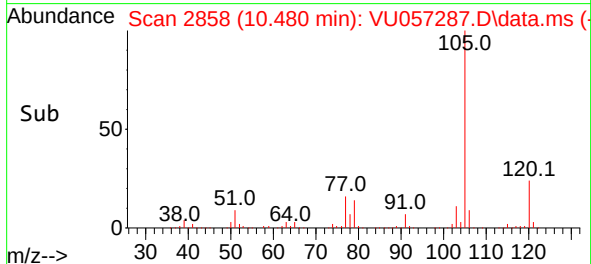
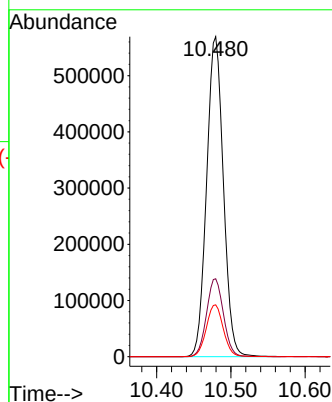
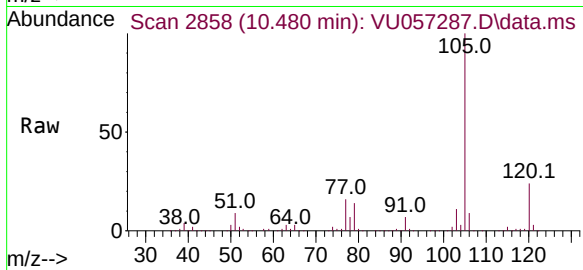
Tgt Ion:105 Resp: 889398

Ion Ratio Lower Upper

105 100

120 24.6 20.2 30.4

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 10.418 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

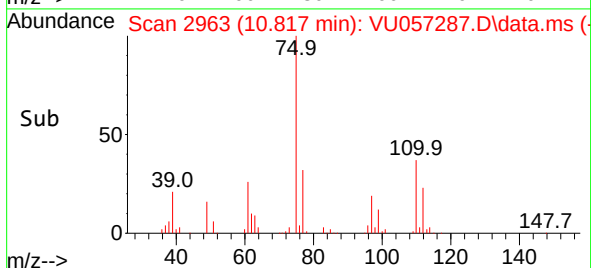
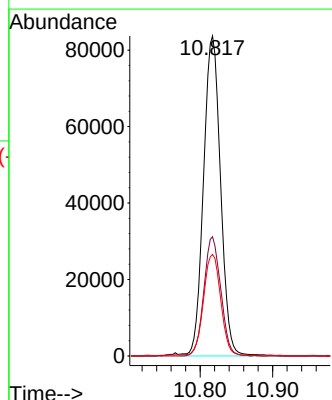
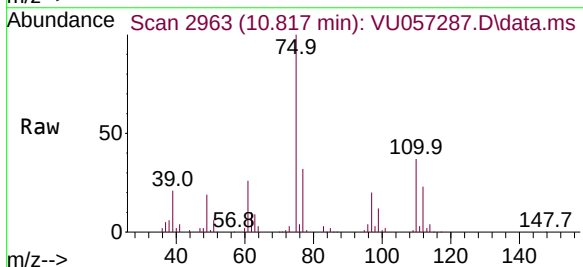
Tgt Ion: 75 Resp: 136780

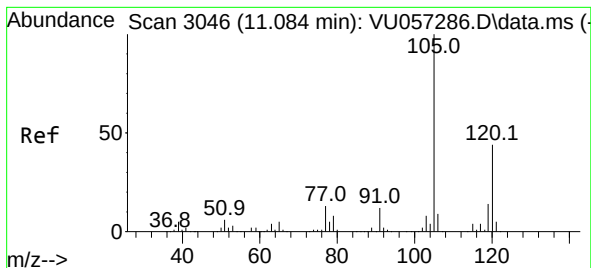
Ion Ratio Lower Upper

75 100

110 36.8 29.0 43.6

77 32.6 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 9.156 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

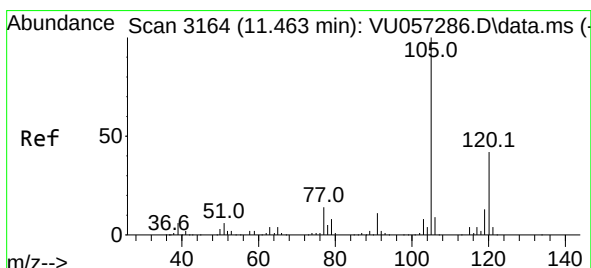
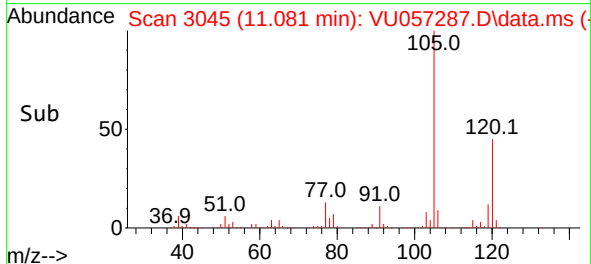
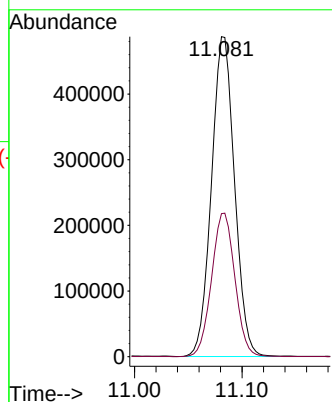
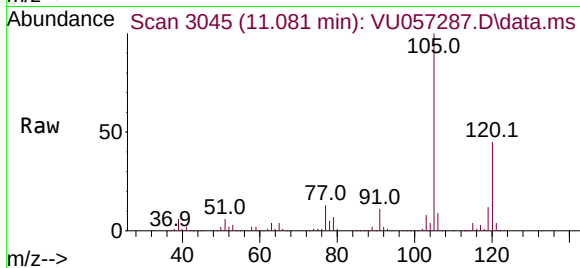
ClientSampleId :

Tgt Ion:105 Resp: 726107

Ion Ratio Lower Upper

105 100

120 45.4 36.0 54.0



#63

1,2,4-Trimethylbenzene

Concen: 9.405 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU057287.D

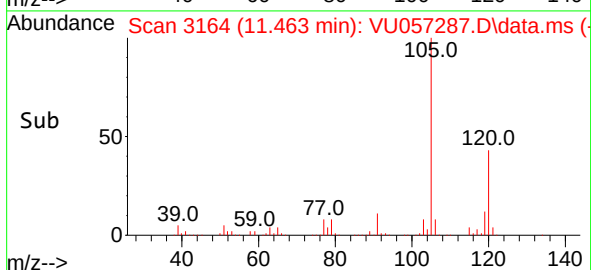
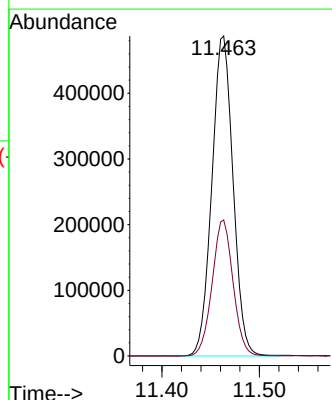
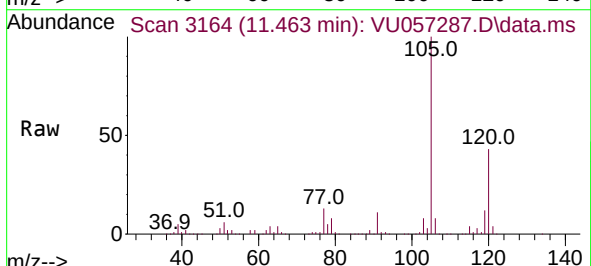
Acq: 27 Dec 2023 17:49

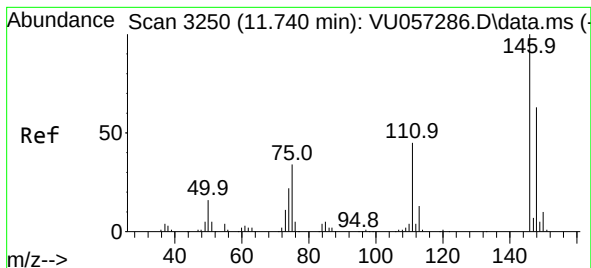
Tgt Ion:105 Resp: 735475

Ion Ratio Lower Upper

105 100

120 42.0 33.5 50.3





#64

1,3-Dichlorobenzene

Concen: 8.845 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

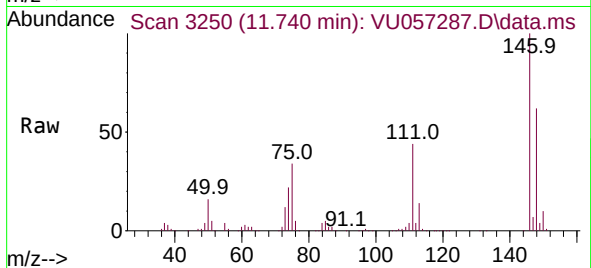
Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :



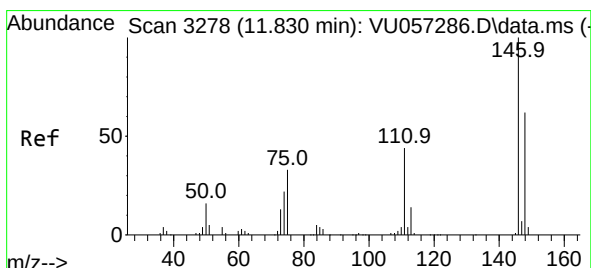
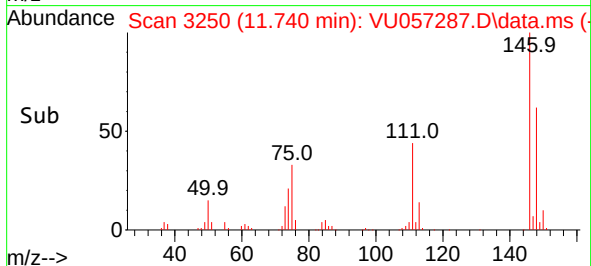
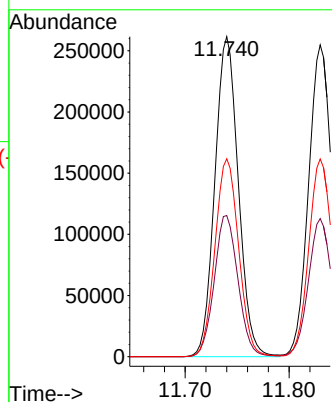
Tgt Ion:146 Resp: 410359

Ion Ratio Lower Upper

146 100

111 44.1 31.4 58.2

148 61.9 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 8.709 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

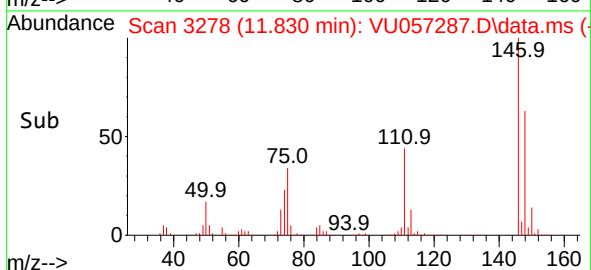
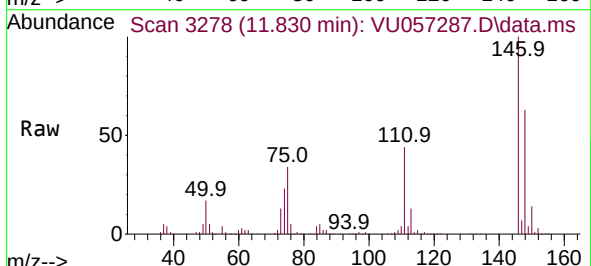
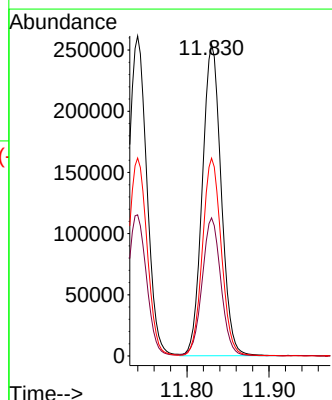
Tgt Ion:146 Resp: 406275

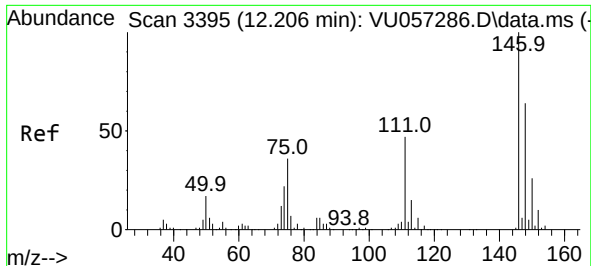
Ion Ratio Lower Upper

146 100

111 44.3 30.9 57.3

148 63.4 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 9.286 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

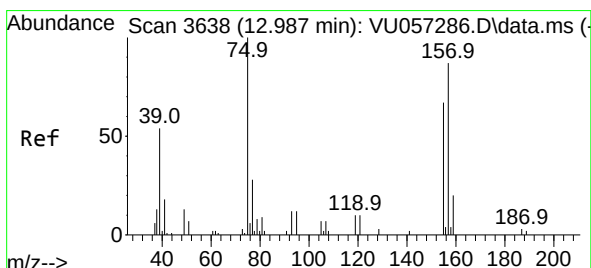
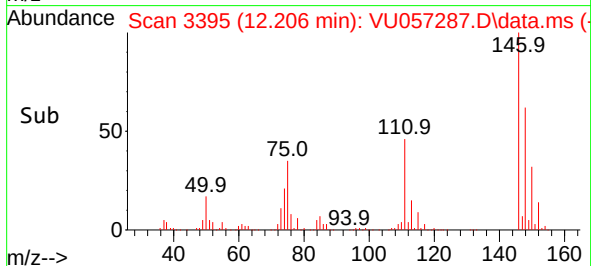
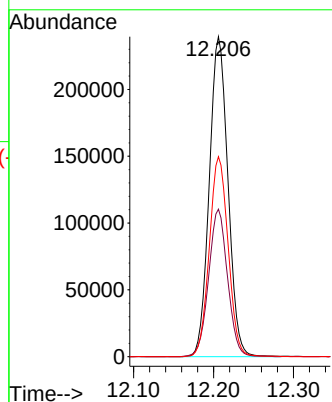
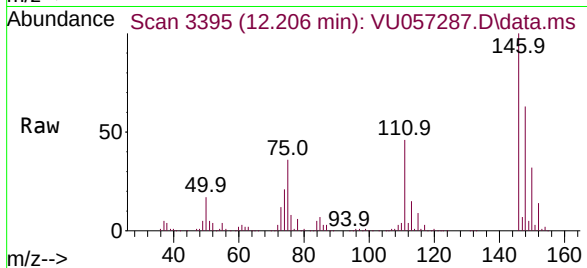
Tgt Ion:146 Resp: 388086

Ion Ratio Lower Upper

146 100

111 46.1 37.8 56.8

148 62.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 10.522 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

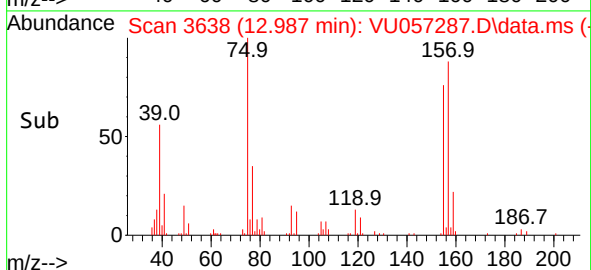
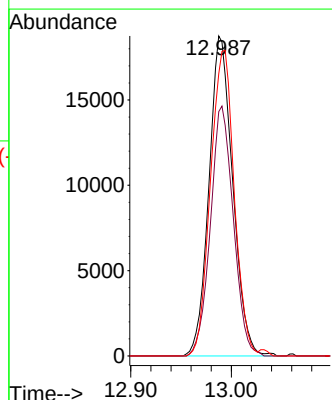
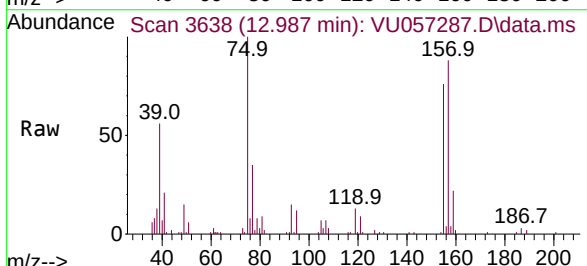
Tgt Ion: 75 Resp: 30765

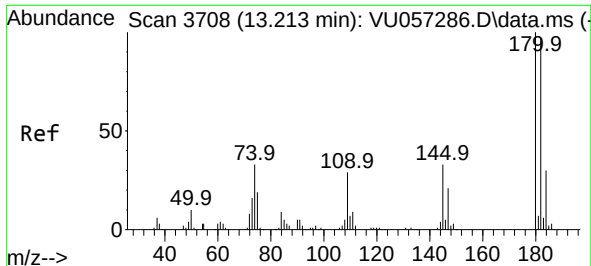
Ion Ratio Lower Upper

75 100

155 76.3 53.8 80.8

157 88.2 69.7 104.5





#69

1,3,5-Trichlorobenzene

Concen: 8.481 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 290293

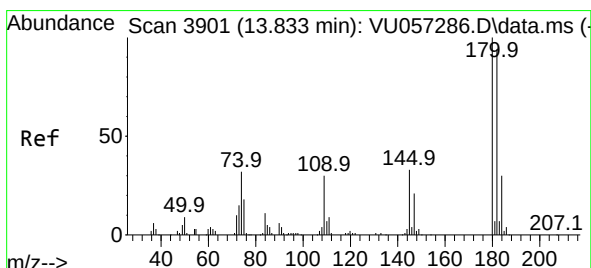
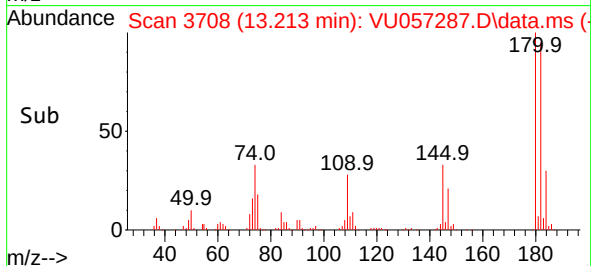
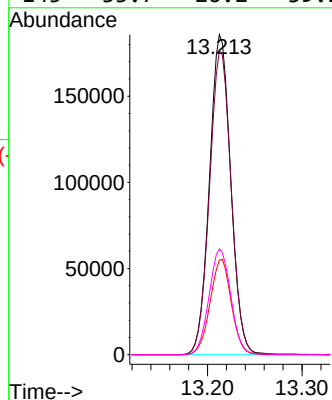
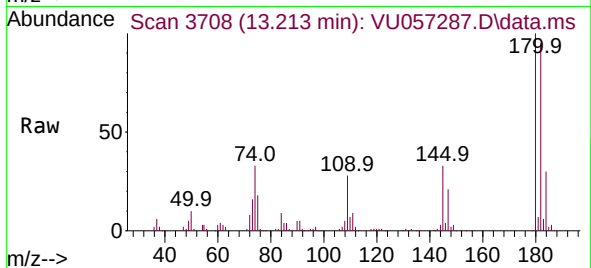
Ion Ratio Lower Upper

180 100

182 96.4 76.3 114.5

184 29.8 23.6 35.4

145 33.7 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 8.871 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057287.D

Acq: 27 Dec 2023 17:49

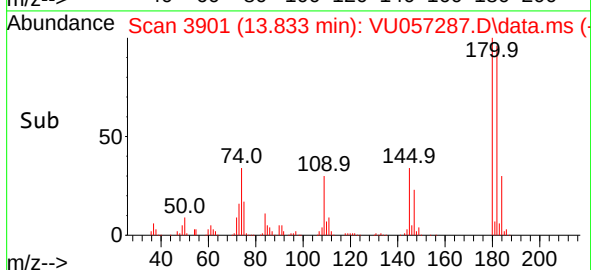
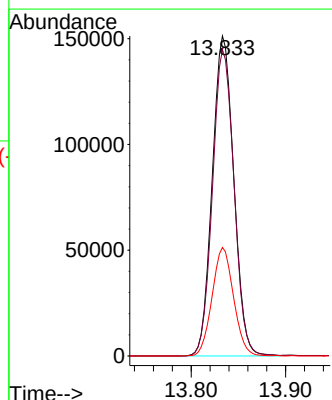
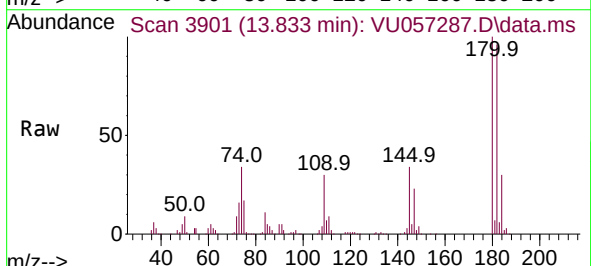
Tgt Ion:180 Resp: 239285

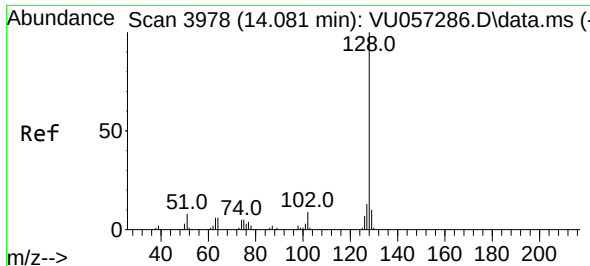
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.4

145 33.7 26.7 40.1

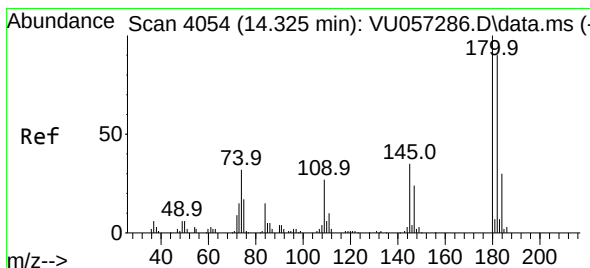
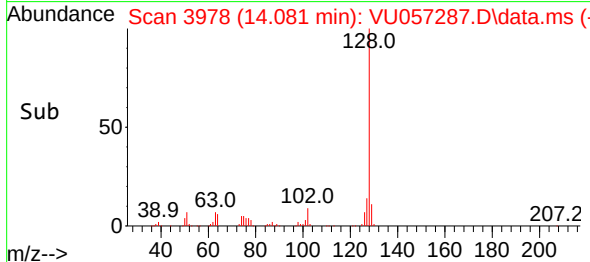
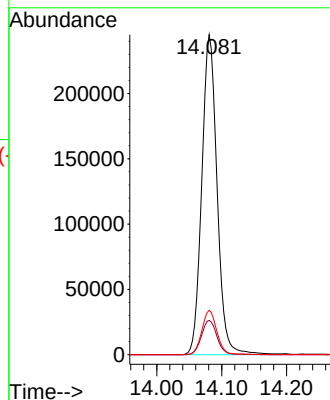
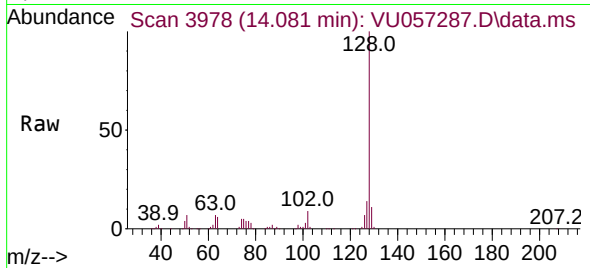




#71
Naphthalene
Concen: 11.430 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 402684
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.6 9.8 14.6



#72
1,2,3-Trichlorobenzene
Concen: 10.036 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057287.D
Acq: 27 Dec 2023 17:49

Tgt Ion:180 Resp: 215616
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 35.9 28.0 42.0

