

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057288.D
 Acq On : 27 Dec 2023 18:14
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:19:21 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	6.242	114	277204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	269751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	142084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	507823	19.550	ug/L	0.00
7) Chloroethane-d5	1.911	69	398816	18.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	195232	17.749	ug/L	0.00
20) 2-Butanone-d5	4.631	46	1249885	284.256	ug/L	0.00
24) Chloroform-d	5.055	84	891706	18.168	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	456204	19.167	ug/L	0.00
32) Benzene-d6	5.721	84	1709882	19.190	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	533302	20.636	ug/L	0.00
41) Toluene-d8	7.891	98	1503209	18.708	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	229324	21.305	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	1156566	298.766	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	453633	23.885	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	545556	18.486	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	386952	15.648	ug/L	99
3) Chloromethane	1.518	50	407124	17.756	ug/L	99
5) Vinyl chloride	1.602	62	453032	18.885	ug/L	100
6) Bromomethane	1.856	94	233093	21.605	ug/L	99
8) Chloroethane	1.933	64	276733	18.196	ug/L	98
9) Trichlorofluoromethane	2.136	101	631721	14.984	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	384241	17.048	ug/L	98
12) 1,1-Dichloroethene	2.573	96	341243	16.813	ug/L	98
13) Acetone	2.660	43	608573	229.892	ug/L	97
14) Carbon disulfide	2.788	76	966004	15.292	ug/L	100
15) Methyl Acetate	2.952	43	155805	25.237	ug/L	99
16) Methylene chloride	3.039	84	392247	16.318	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	964904	21.850	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	349099	17.756	ug/L	96
19) 1,1-Dichloroethane	3.859	63	720307	18.210	ug/L	98
21) 2-Butanone	4.711	43	1038789	255.296	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	420348	19.296	ug/L	98
23) Bromochloromethane	4.965	128	181279	18.860	ug/L	99
25) Chloroform	5.078	83	769787	17.439	ug/L	99
27) 1,2-Dichloroethane	5.785	62	478123	18.222	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	671433	16.404	ug/L	99
30) Cyclohexane	5.383	56	594388	21.033	ug/L	98
31) Carbon tetrachloride	5.518	117	564076	15.768	ug/L	99
33) Benzene	5.766	78	1567732	18.686	ug/L	100
34) Trichloroethene	6.534	95	418632	17.293	ug/L	98
35) Methylcyclohexane	6.756	83	626986	19.788	ug/L	96
37) 1,2-Dichloropropane	6.782	63	423346	19.896	ug/L	100
38) Bromodichloromethane	7.097	83	555453	18.350	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	661272	20.894	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	2448466	253.527	ug/L	98
42) Toluene	7.962	91	1653464	18.776	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	556169	20.628	ug/L	99

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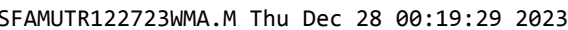
Instrument :
 MSVOA_U
 ClientSampleId :

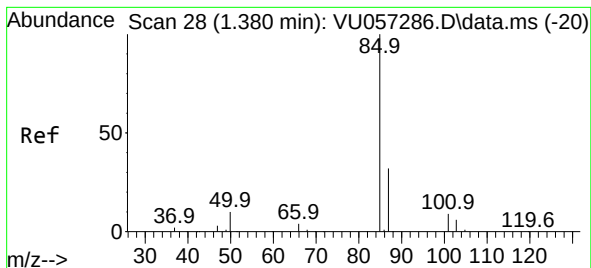
Quant Time: Dec 28 00:19:21 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	308744	20.692	ug/L	100
47) Tetrachloroethene	8.547	164	290029	16.812	ug/L	99
48) 2-Hexanone	8.682	43	1811643	253.721	ug/L	99
49) Dibromochloromethane	8.804	129	355040	18.842	ug/L	99
50) 1,2-Dibromoethane	8.917	107	288360	20.793	ug/L	99
51) Chlorobenzene	9.441	112	1045386	18.153	ug/L	99
52) Ethylbenzene	9.563	91	1890856	19.212	ug/L	99
53) m,p-Xylene	9.688	106	704180	19.535	ug/L	99
54) o-Xylene	10.094	106	684647	19.652	ug/L	98
55) Styrene	10.110	104	1201338	20.872	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	398842	22.090	ug/L	99
59) Bromoform	10.283	173	215682	19.762	ug/L	98
60) Isopropylbenzene	10.479	105	1894958	18.813	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	276191	20.295	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	1591363	19.361	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	1590023	19.617	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	856835	17.818	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	844730	17.470	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	809685	18.691	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	67682	22.333	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	624192	17.593	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	540513	19.332	ug/L	100
71) Naphthalene	14.080	128	960640	26.308	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	477316	21.434	ug/L	99

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

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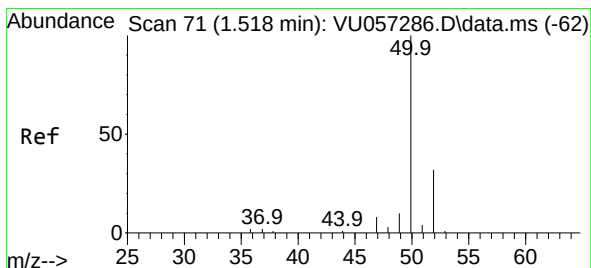
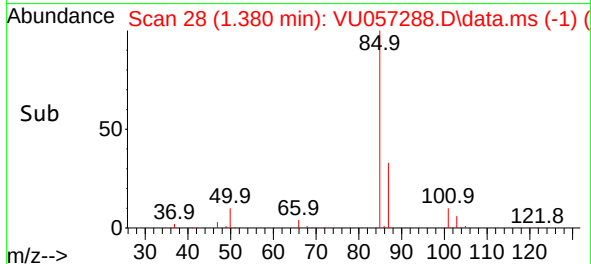
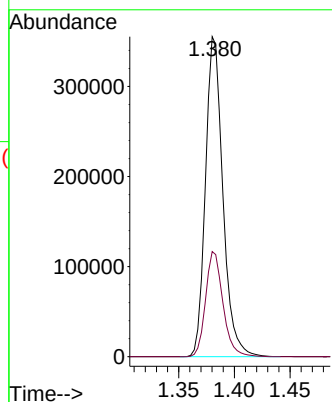
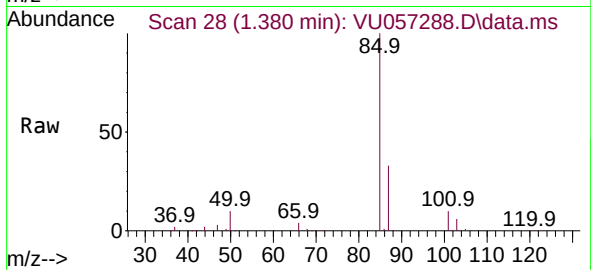




#2
 Dichlorodifluoromethane
 Concen: 15.648 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU057288.D
 Acq: 27 Dec 2023 18:14

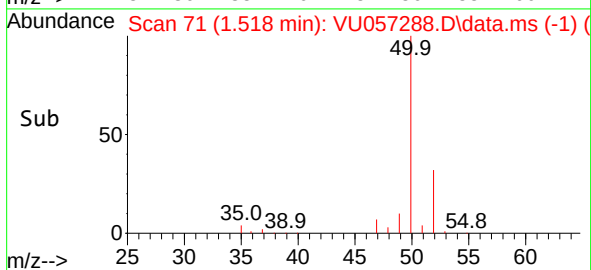
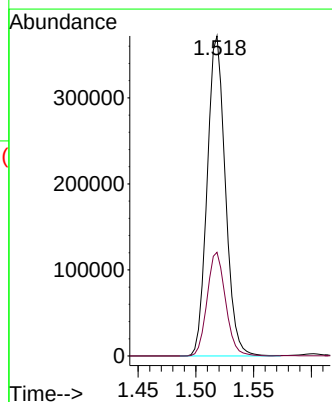
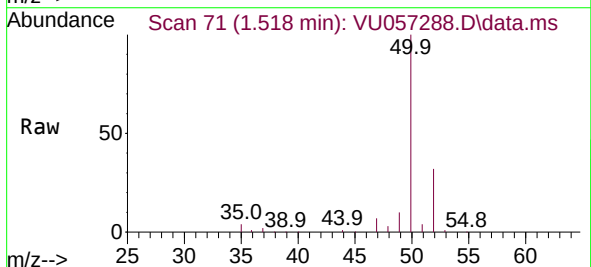
Instrument :
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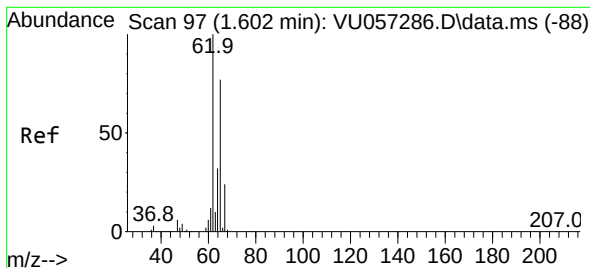
Tgt Ion: 85 Resp: 386952
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 17.756 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057288.D
 Acq: 27 Dec 2023 18:14

Tgt Ion: 50 Resp: 407124
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.7





#5

Vinyl chloride

Concen: 18.885 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

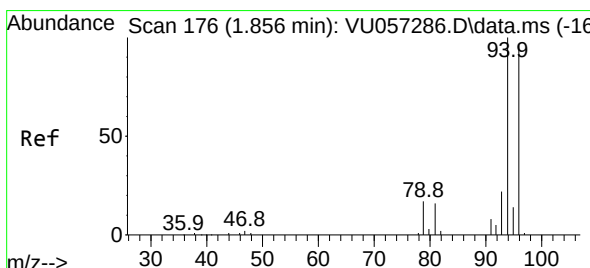
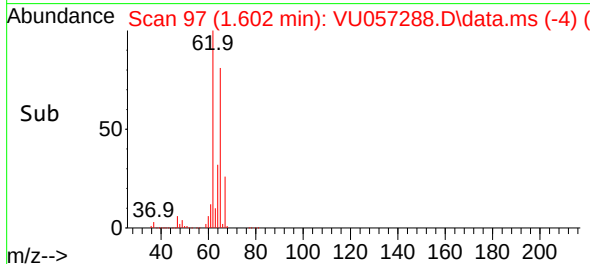
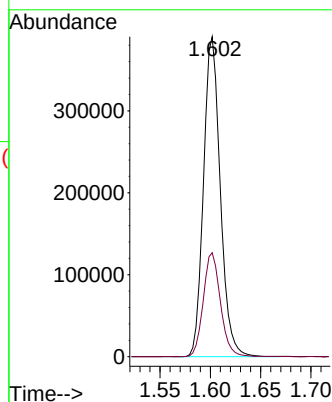
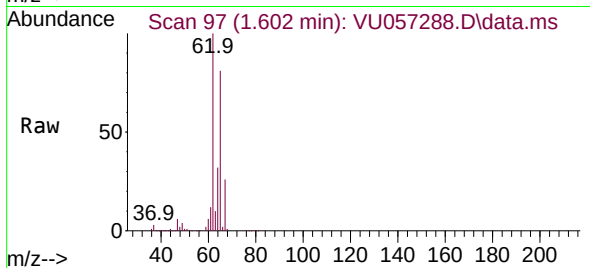
ClientSampleId :

Tgt Ion: 62 Resp: 453032

Ion Ratio Lower Upper

62 100

64 32.5 22.8 42.4



#6

Bromomethane

Concen: 21.605 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU057288.D

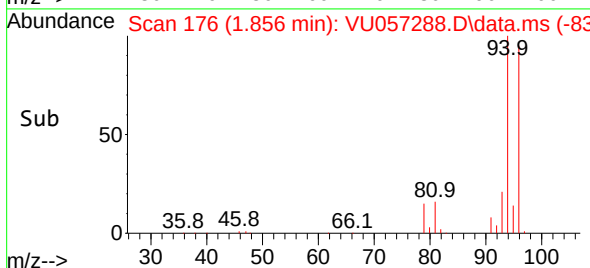
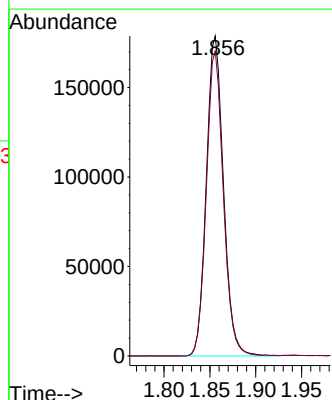
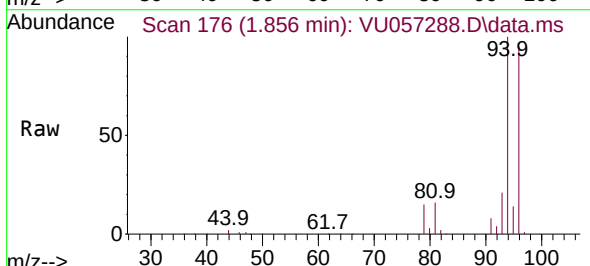
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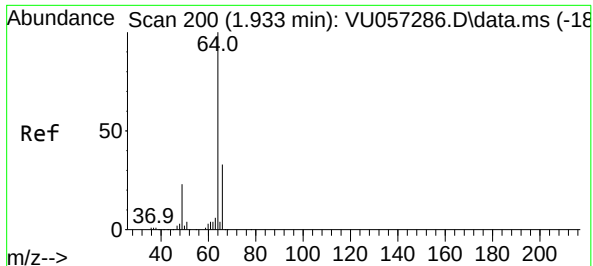
Tgt Ion: 94 Resp: 233093

Ion Ratio Lower Upper

94 100

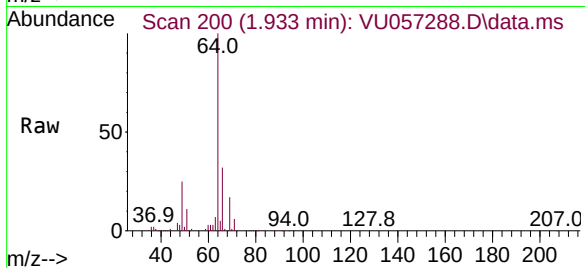
96 95.2 67.3 125.1



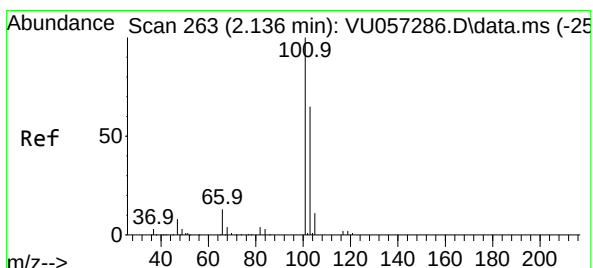
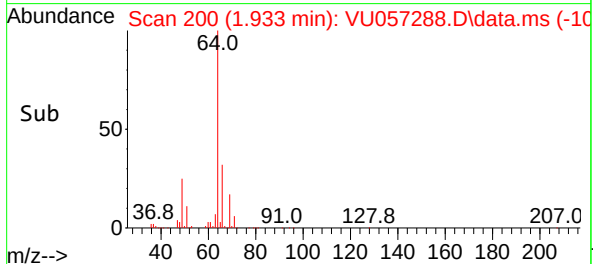
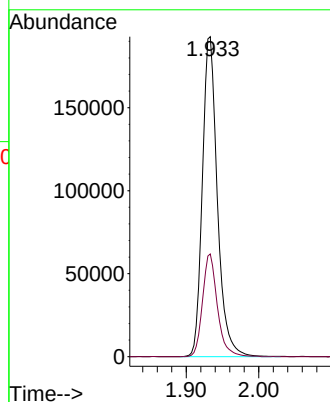


#8
Chloroethane
Concen: 18.196 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Instrument :
MSVOA_U
ClientSampleId :

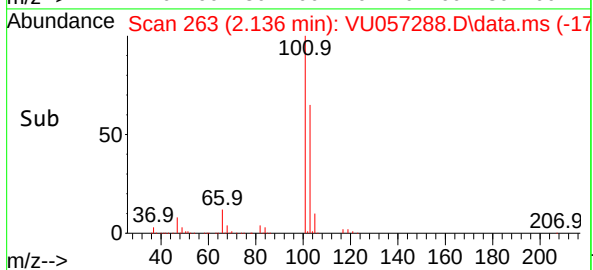
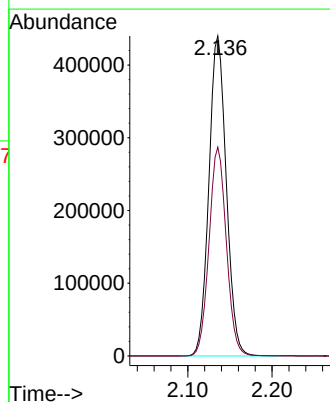
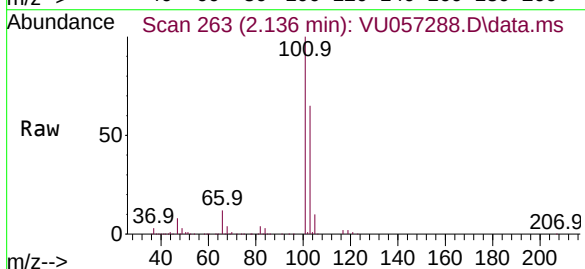


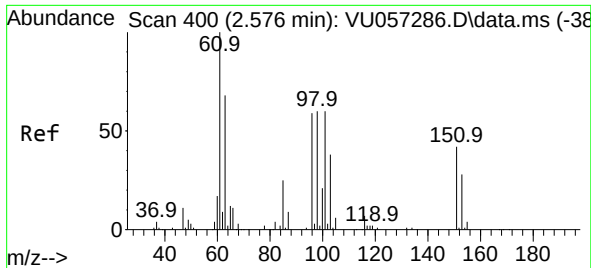
Tgt Ion: 64 Resp: 276733
Ion Ratio Lower Upper
64 100
66 32.1 23.3 43.3



#9
Trichlorofluoromethane
Concen: 14.984 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion: 101 Resp: 631721
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

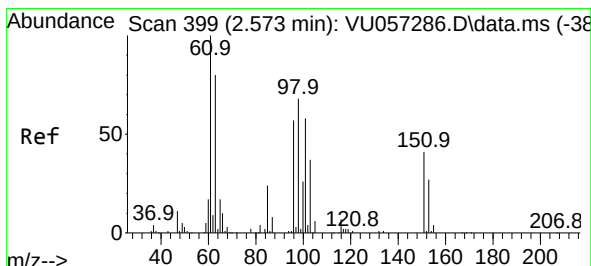
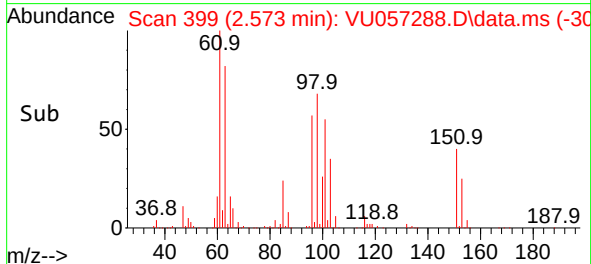
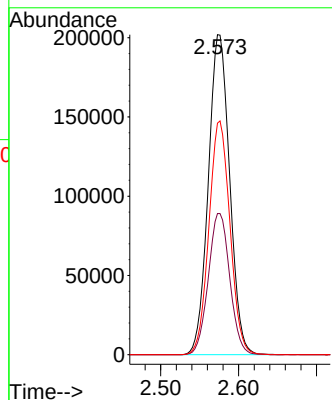
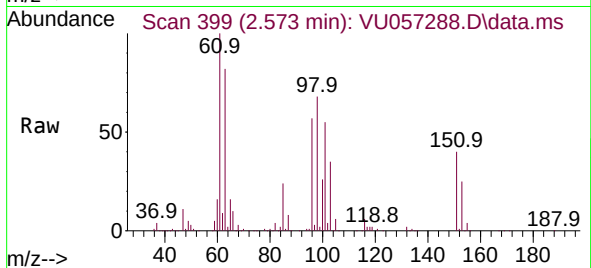




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.048 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU057288.D
 Acq: 27 Dec 2023 18:14

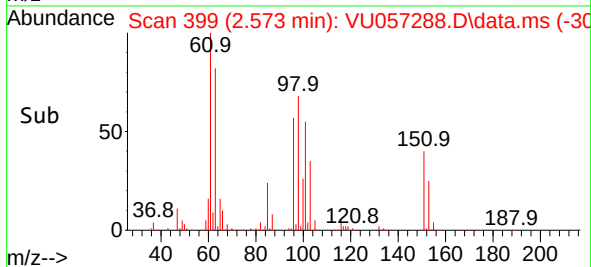
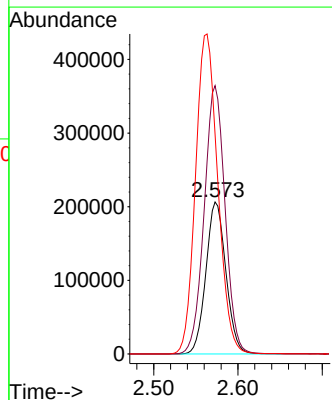
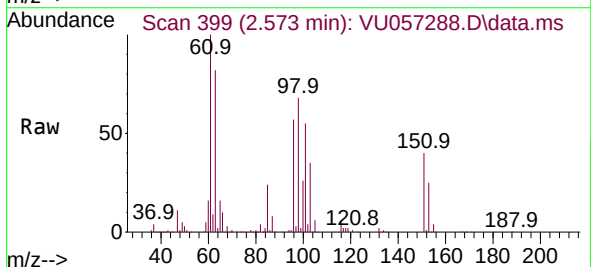
Instrument :
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 ClientSampleId :

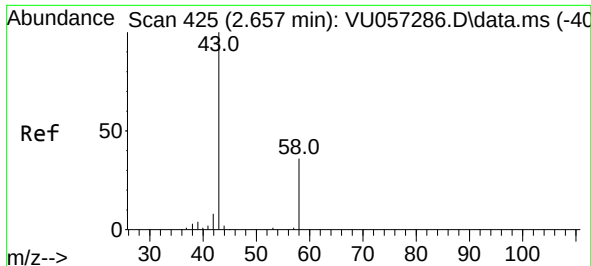
Tgt Ion:101 Resp: 384241
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.1 52.7
 151 72.1 55.8 83.6



#12
 1,1-Dichloroethene
 Concen: 16.813 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU057288.D
 Acq: 27 Dec 2023 18:14

Tgt Ion: 96 Resp: 341243
 Ion Ratio Lower Upper
 96 100
 61 176.4 122.2 226.9
 63 144.4 99.2 184.2





#13

Acetone

Concen: 229.892 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

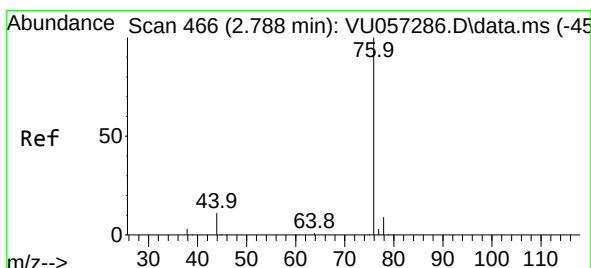
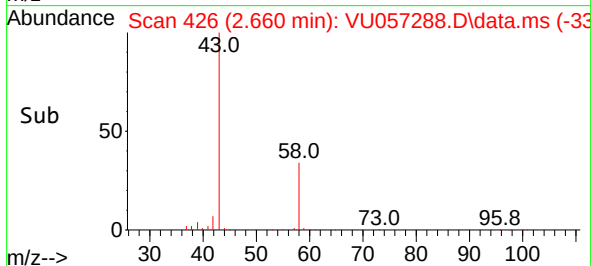
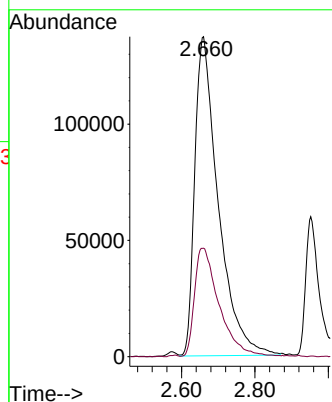
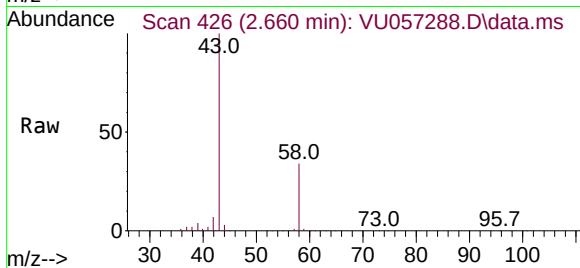
ClientSampleId :

Tgt Ion: 43 Resp: 608573

Ion Ratio Lower Upper

43 100

58 35.3 0.0 67.2



#14

Carbon disulfide

Concen: 15.292 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057288.D

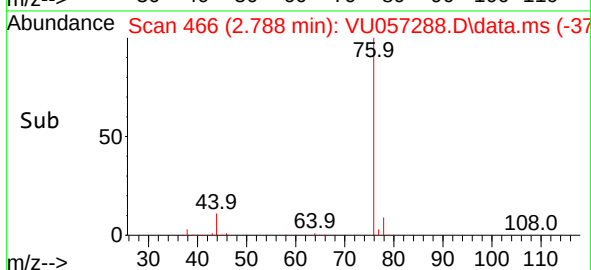
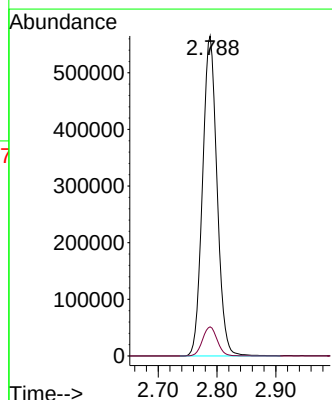
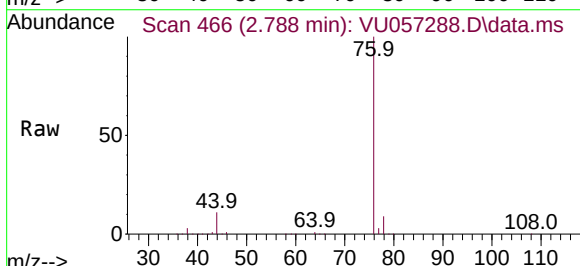
Acq: 27 Dec 2023 18:14

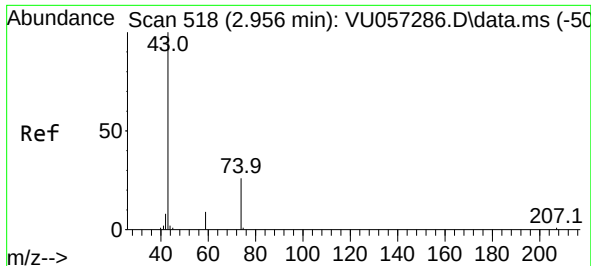
Tgt Ion: 76 Resp: 966004

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

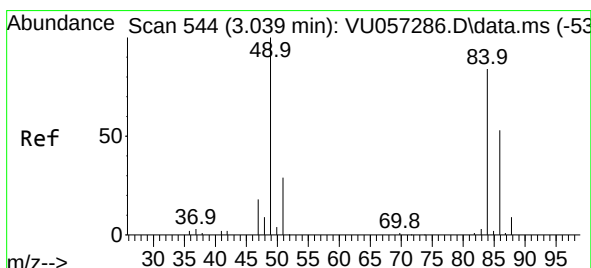
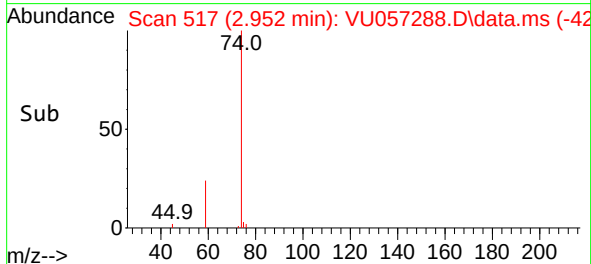
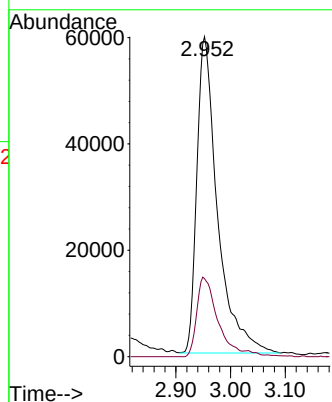
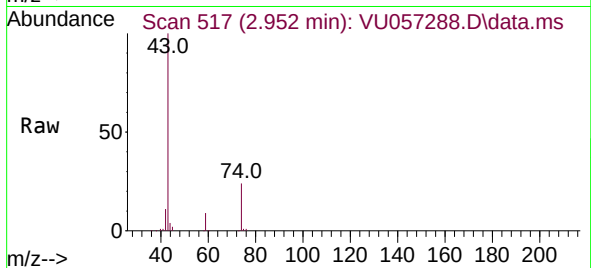




#15
Methyl Acetate
Concen: 25.237 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

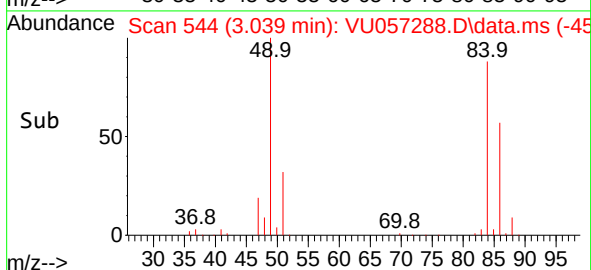
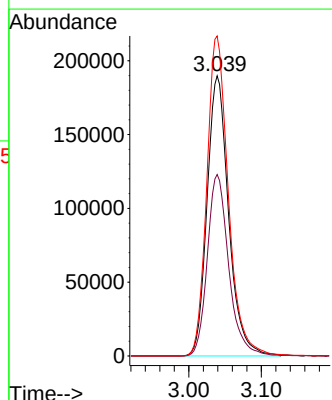
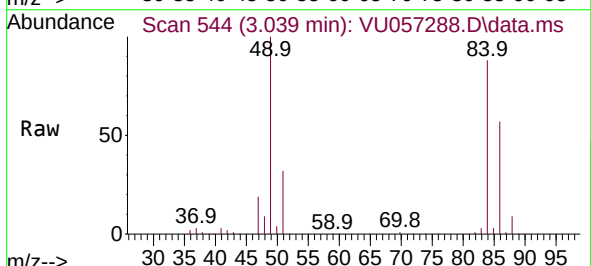
Instrument :
MSVOA_U
ClientSampleId :

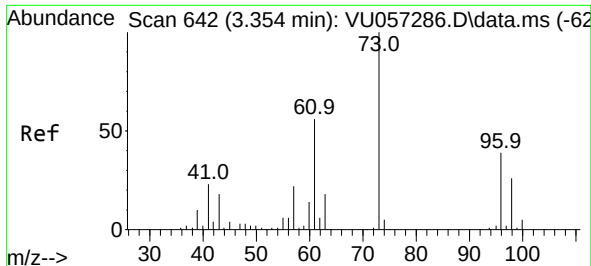
Tgt Ion: 43 Resp: 155805
Ion Ratio Lower Upper
43 100
74 24.9 20.5 30.7



#16
Methylene chloride
Concen: 16.318 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

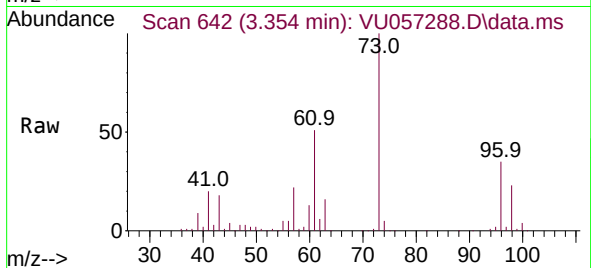
Tgt Ion: 84 Resp: 392247
Ion Ratio Lower Upper
84 100
86 64.8 43.8 81.3
49 114.2 83.2 154.4



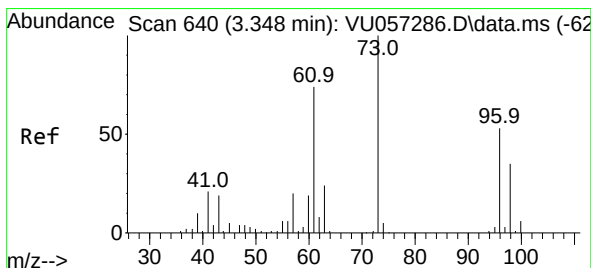
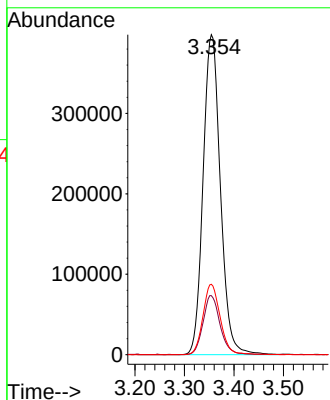
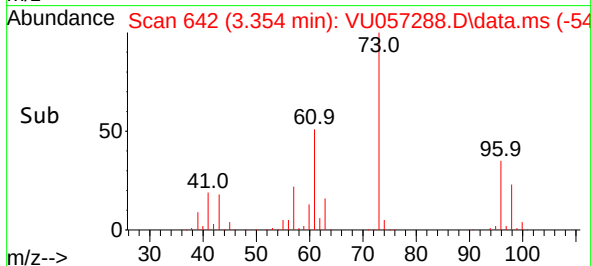


#17
Methyl tert-butyl Ether
Concen: 21.850 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

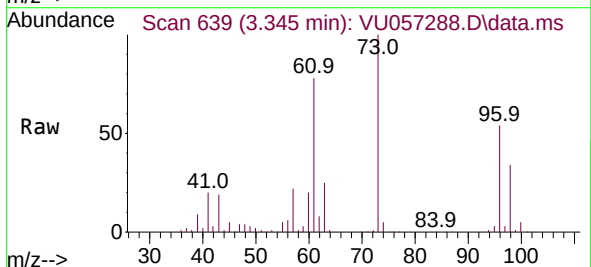
Instrument :
MSVOA_U
ClientSampleId :



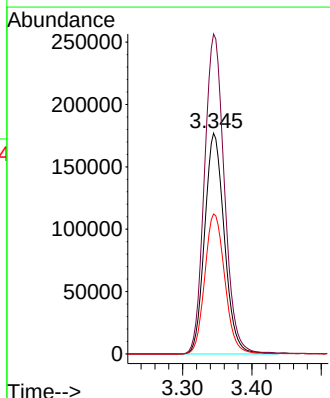
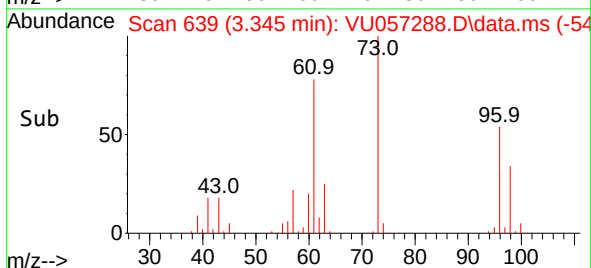
Tgt Ion: 73 Resp: 964904
Ion Ratio Lower Upper
73 100
43 18.2 15.2 22.8
57 21.9 17.8 26.8

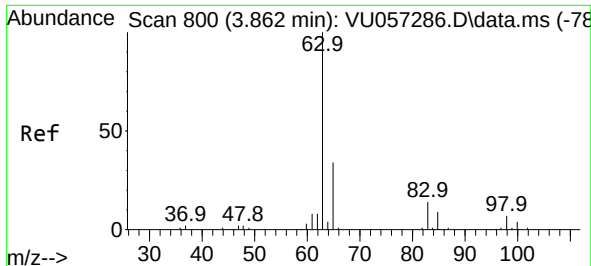


#18
trans-1,2-Dichloroethene
Concen: 17.756 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14



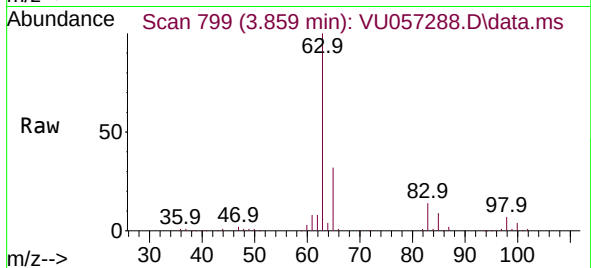
Tgt Ion: 96 Resp: 349099
Ion Ratio Lower Upper
96 100
61 145.0 97.5 181.1
98 63.4 45.9 85.3



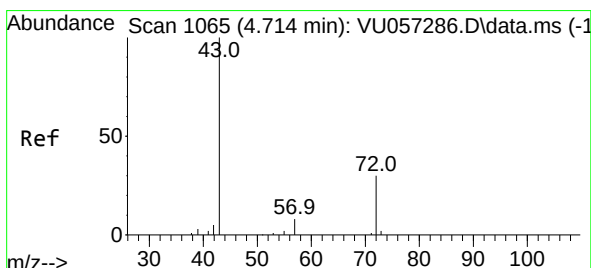
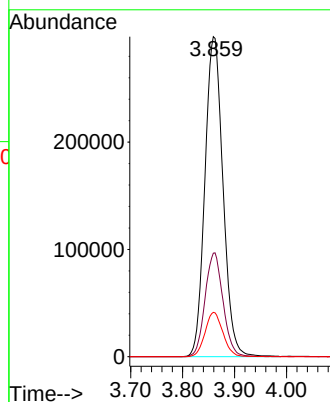
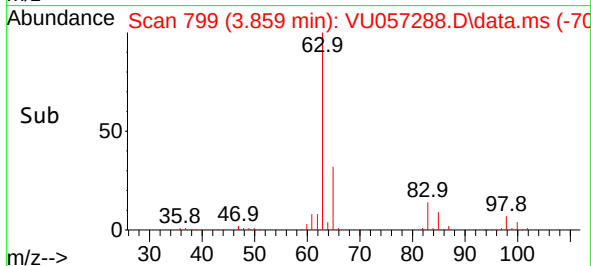


#19
1,1-Dichloroethane
Concen: 18.210 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Instrument :
MSVOA_U
ClientSampleId :

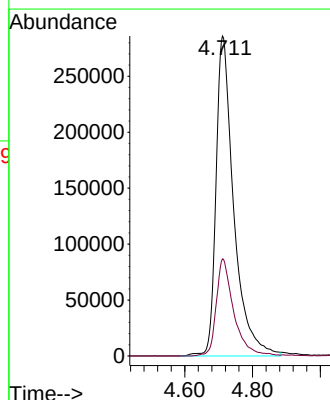
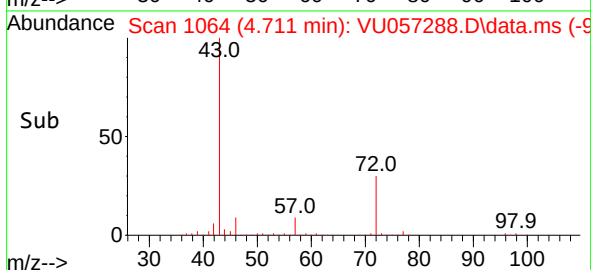
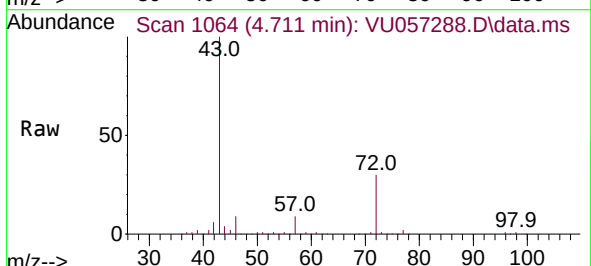


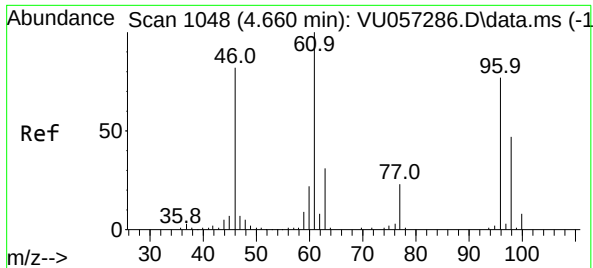
Tgt Ion: 63 Resp: 720307
Ion Ratio Lower Upper
63 100
65 32.4 23.6 43.8
83 13.8 9.8 18.2



#21
2-Butanone
Concen: 255.296 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

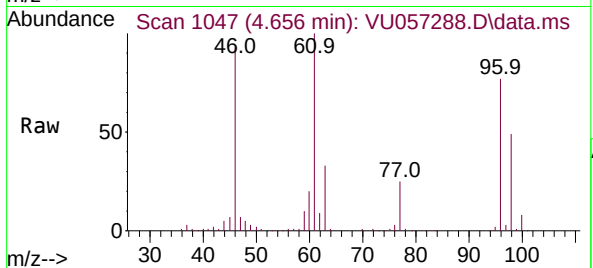
Tgt Ion: 43 Resp: 1038789
Ion Ratio Lower Upper
43 100
72 29.9 14.3 42.9



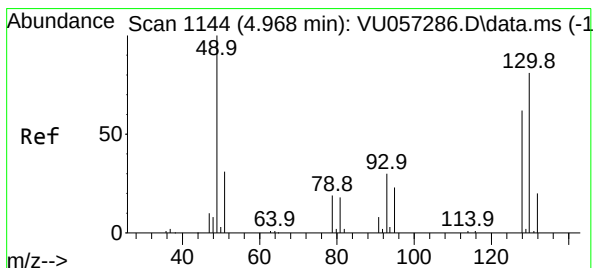
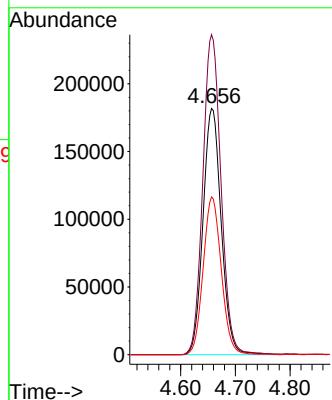
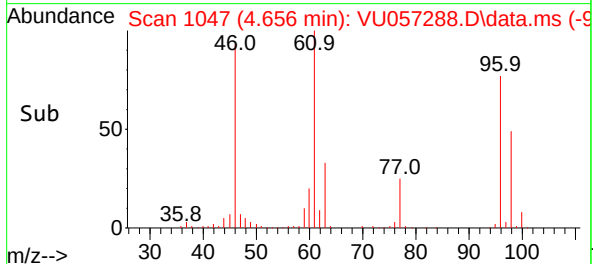


#22
cis-1,2-Dichloroethene
Concen: 19.296 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

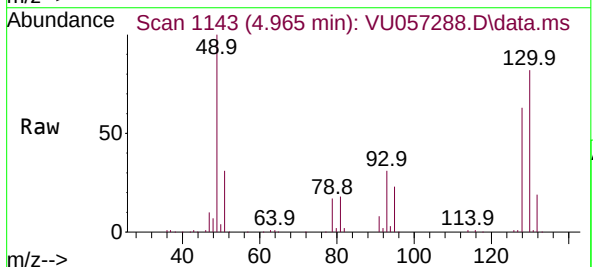
Instrument :
MSVOA_U
ClientSampleId :



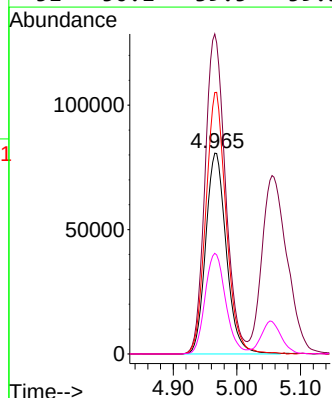
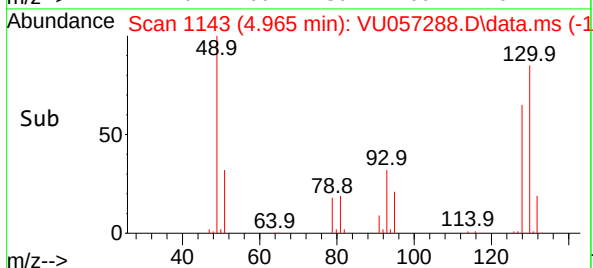
Tgt Ion: 96 Resp: 420348
Ion Ratio Lower Upper
96 100
61 130.0 91.1 169.3
98 64.1 42.6 79.0

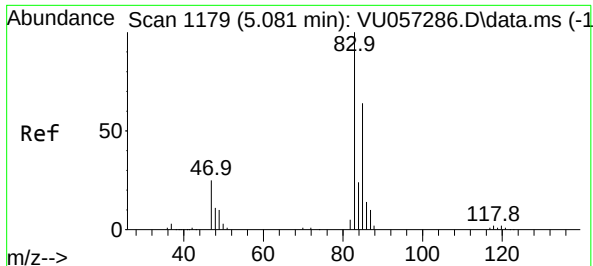


#23
Bromochloromethane
Concen: 18.860 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14



Tgt Ion:128 Resp: 181279
Ion Ratio Lower Upper
128 100
49 159.3 113.1 210.1
130 130.1 91.6 170.2
51 50.1 39.5 59.3

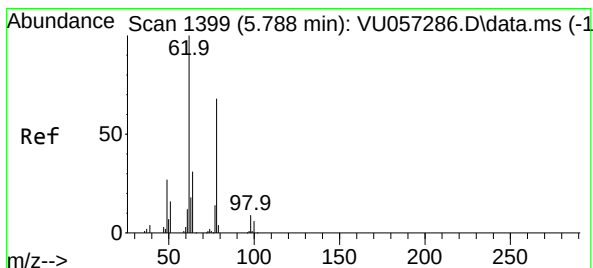
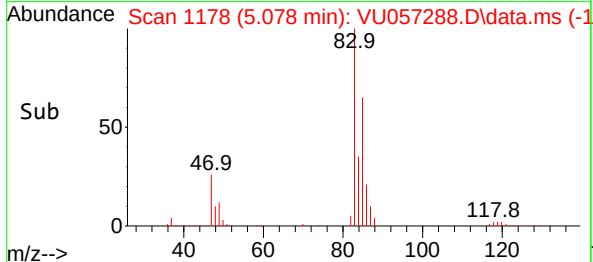
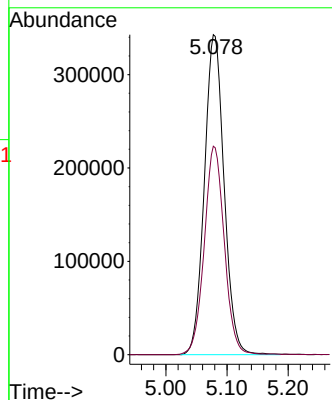
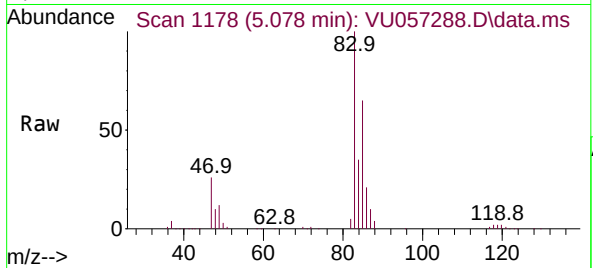




#25
Chloroform
Concen: 17.439 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

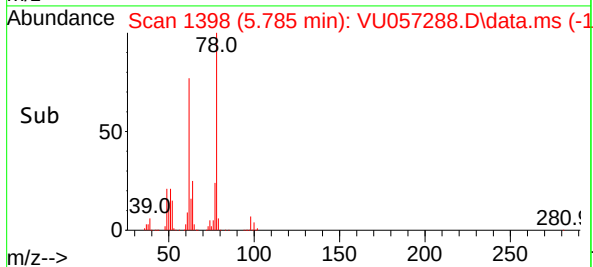
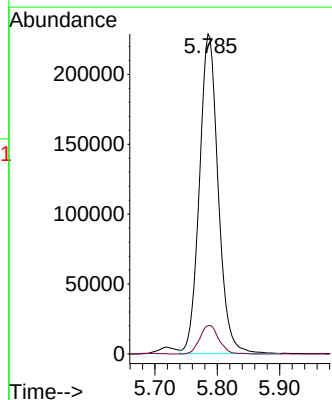
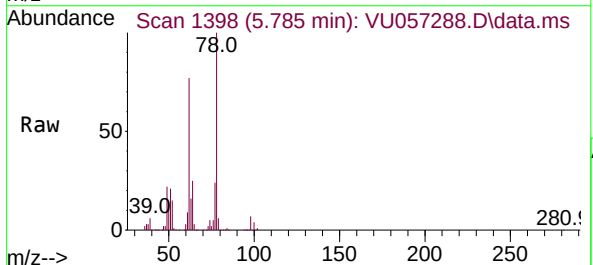
Instrument :
MSVOA_U
ClientSampleId :

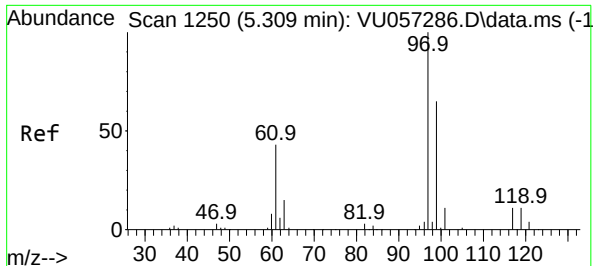
Tgt Ion: 83 Resp: 769787
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 18.222 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

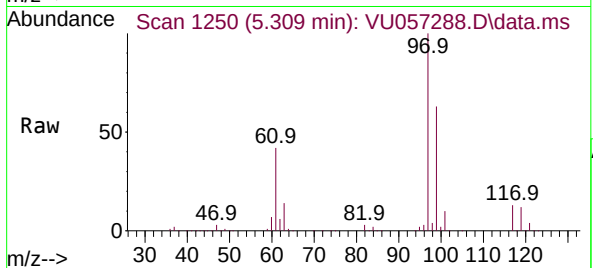
Tgt Ion: 62 Resp: 478123
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6



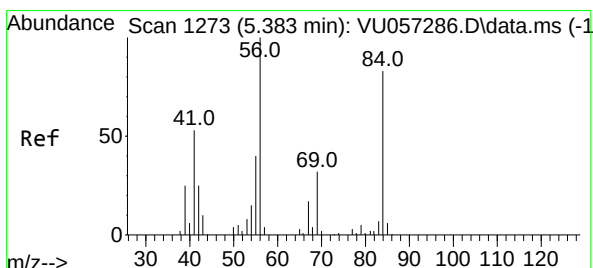
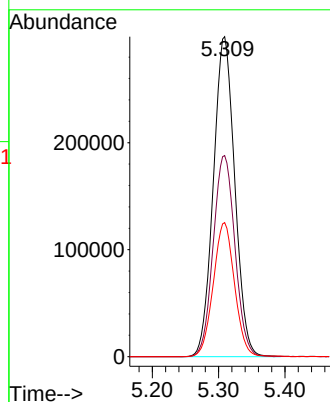
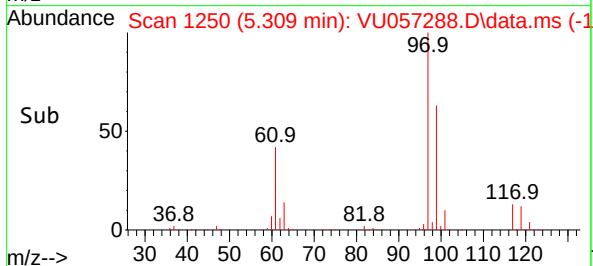


#29
1,1,1-Trichloroethane
Concen: 16.404 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

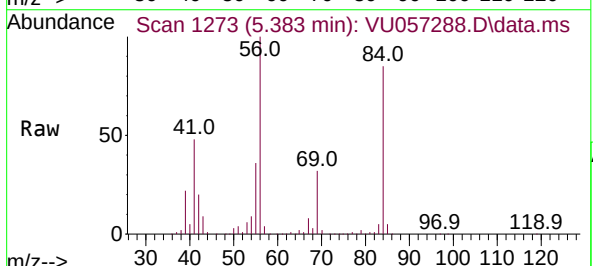
Instrument :
MSVOA_U
ClientSampleId :



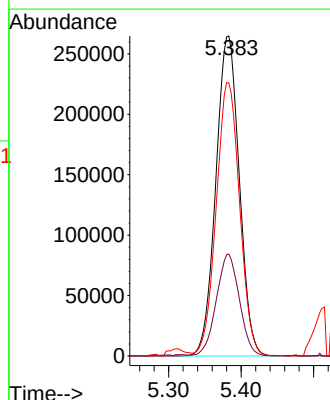
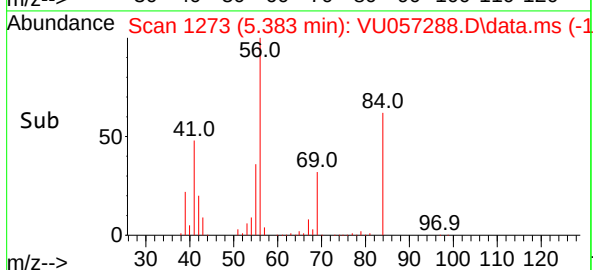
Tgt Ion: 97 Resp: 671433
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 41.5 34.1 51.1

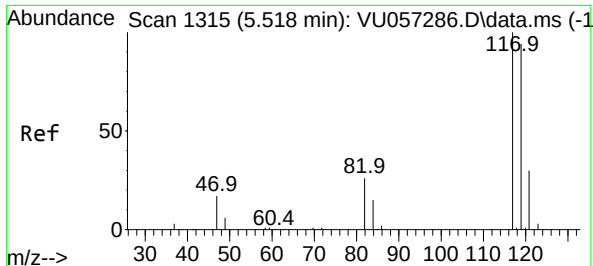


#30
Cyclohexane
Concen: 21.033 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14



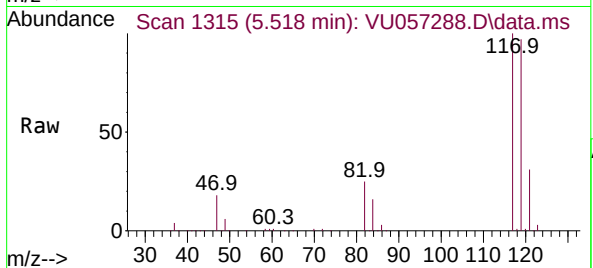
Tgt Ion: 56 Resp: 594388
Ion Ratio Lower Upper
56 100
69 31.3 26.2 39.4
84 85.3 69.4 104.2



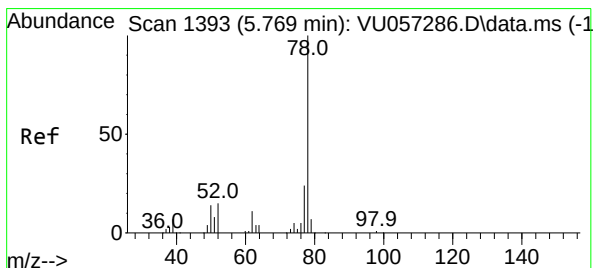
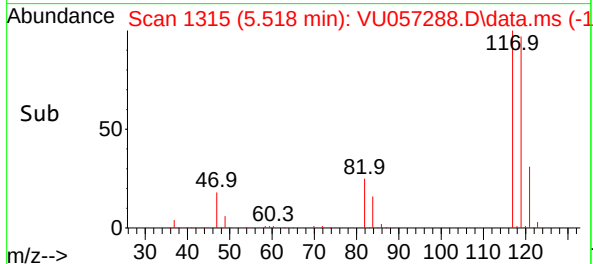
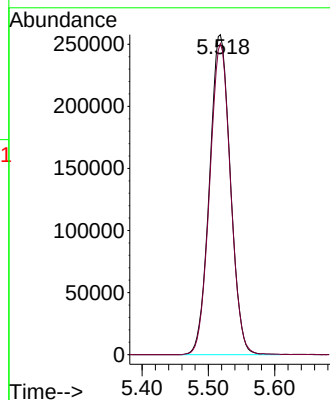


#31
Carbon tetrachloride
Concen: 15.768 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Instrument :
MSVOA_U
ClientSampleId :

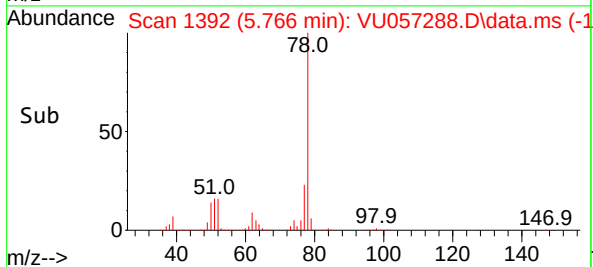
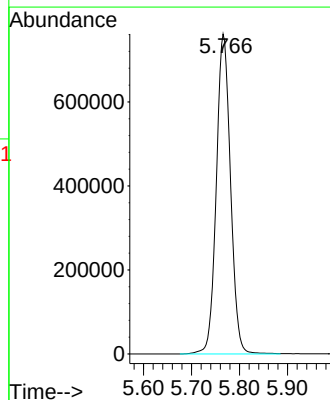
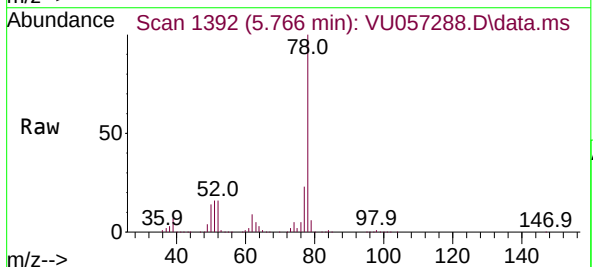


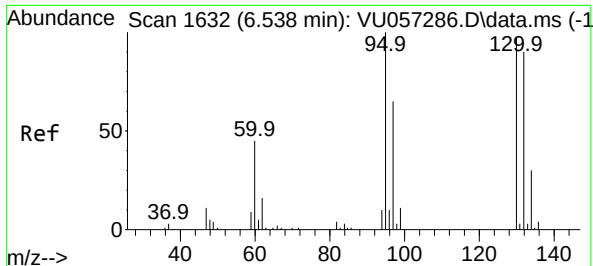
Tgt Ion:117 Resp: 564076
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1



#33
Benzene
Concen: 18.686 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion: 78 Resp: 1567732

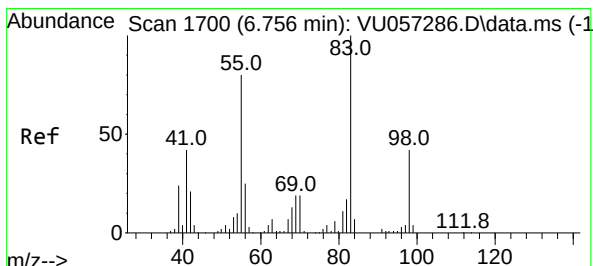
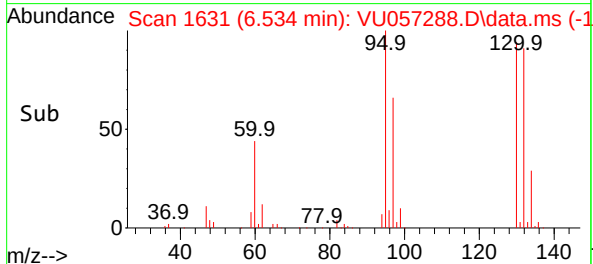
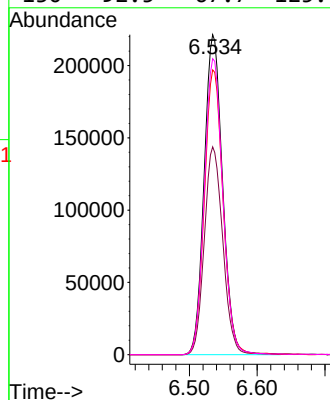
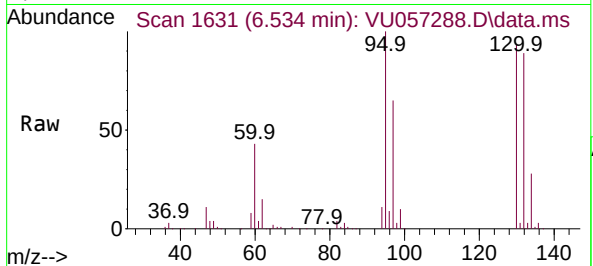




#34
Trichloroethene
Concen: 17.293 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

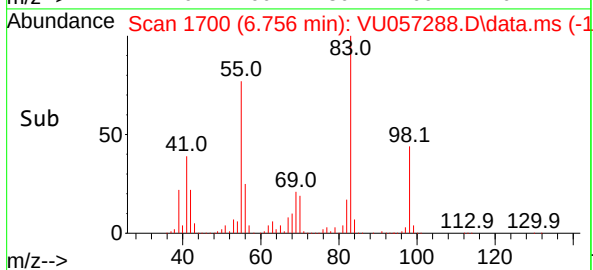
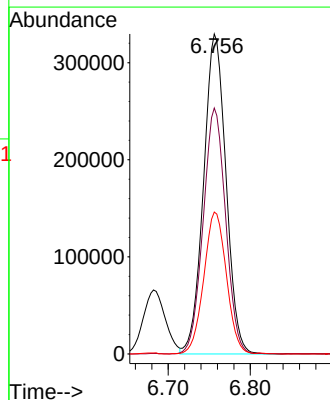
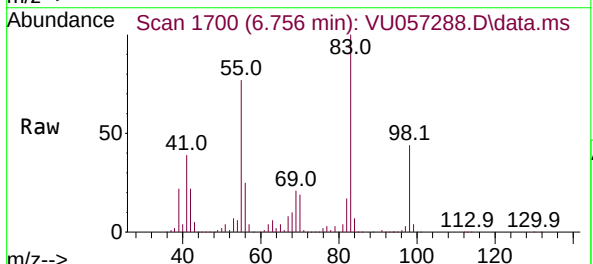
Instrument :
MSVOA_U
ClientSampleId :

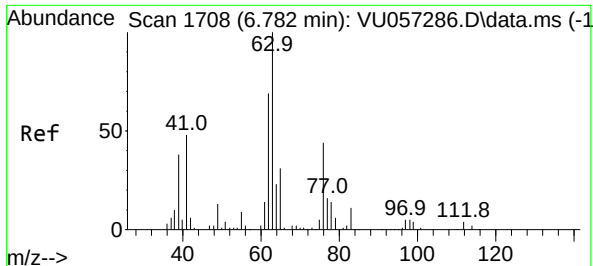
Tgt Ion: 95 Resp: 418632
Ion Ratio Lower Upper
95 100
97 64.9 45.3 84.1
132 89.0 63.1 117.3
130 92.5 67.7 125.7



#35
Methylcyclohexane
Concen: 19.788 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion: 83 Resp: 626986
Ion Ratio Lower Upper
83 100
55 76.9 65.4 98.2
98 44.7 35.3 52.9

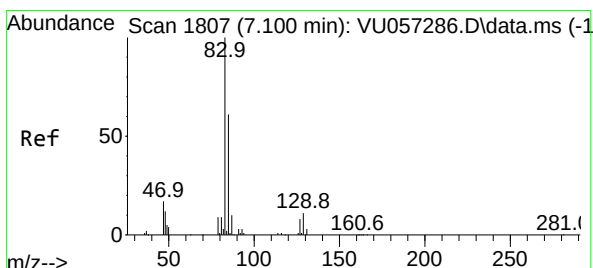
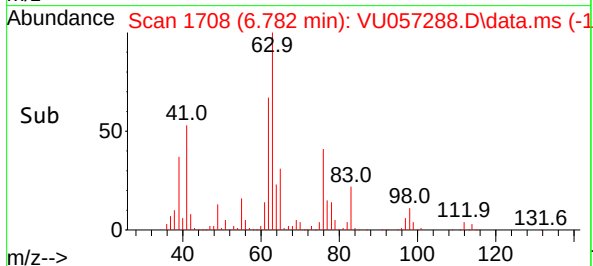
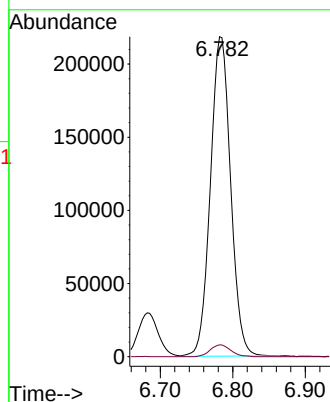
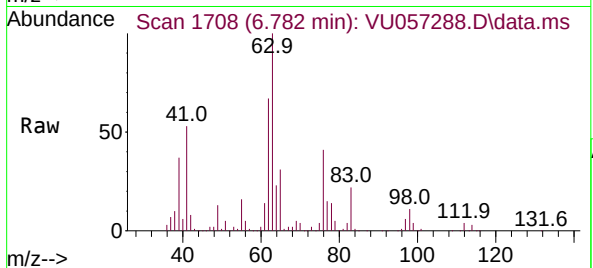




#37
1,2-Dichloropropane
Concen: 19.896 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

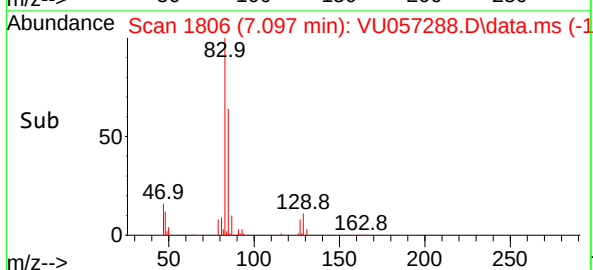
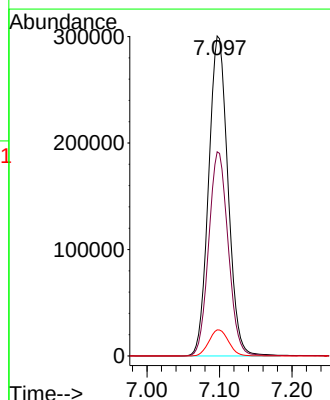
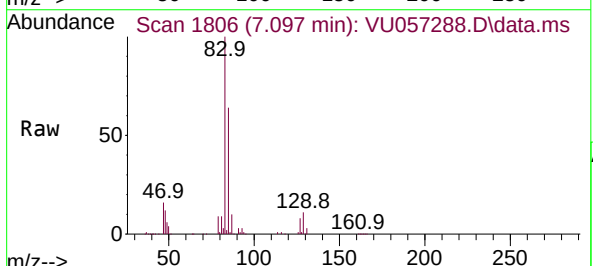
Instrument :
MSVOA_U
ClientSampleId :

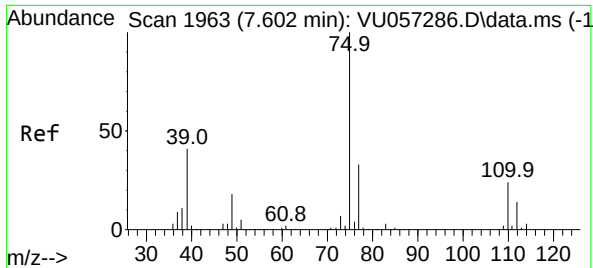
Tgt Ion: 63 Resp: 423346
Ion Ratio Lower Upper
63 100
112 3.7 2.9 4.3



#38
Bromodichloromethane
Concen: 18.350 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion: 83 Resp: 555453
Ion Ratio Lower Upper
83 100
85 63.8 42.6 79.0
127 8.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 20.894 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

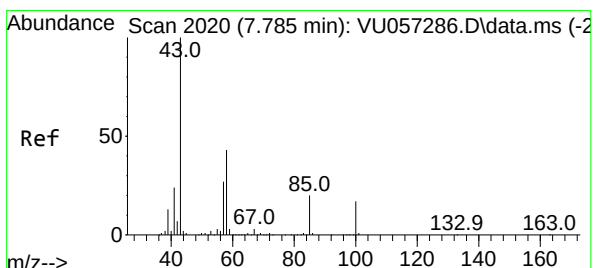
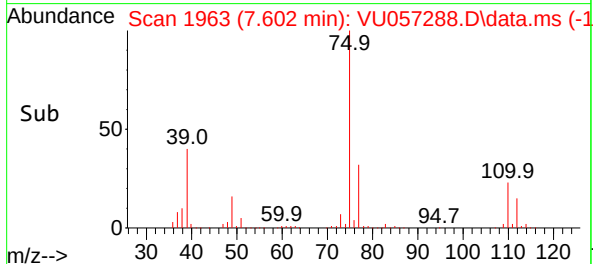
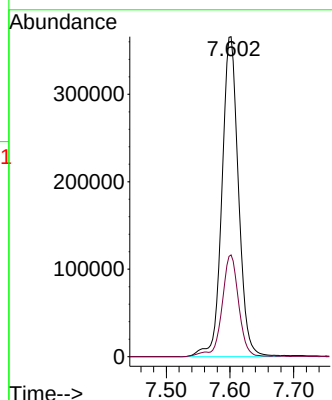
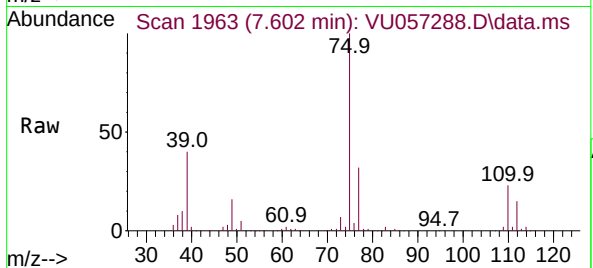
ClientSampleId :

Tgt Ion: 75 Resp: 661272

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 253.527 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

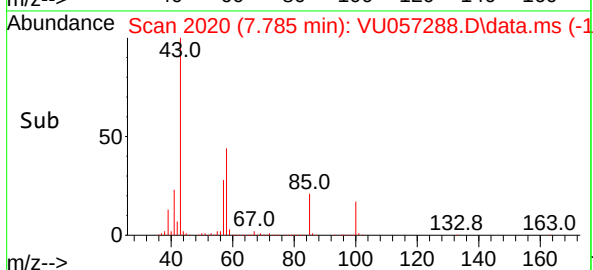
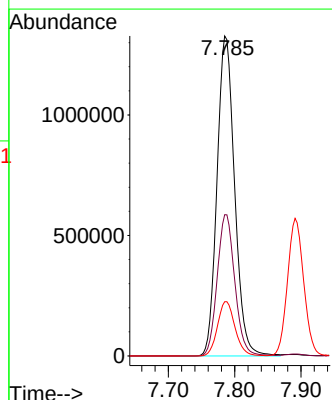
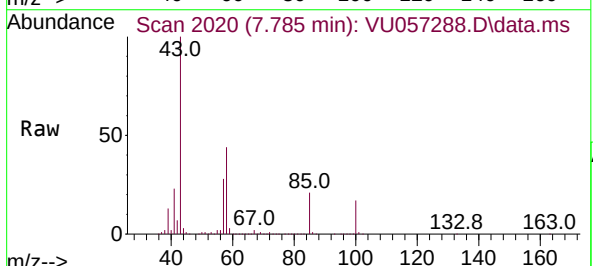
Tgt Ion: 43 Resp: 2448466

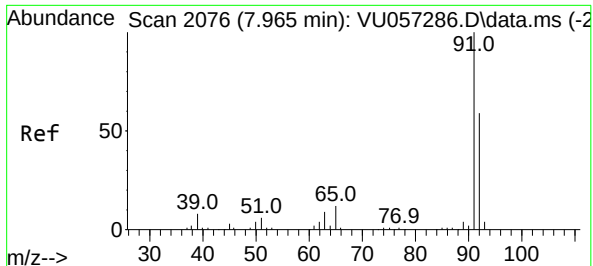
Ion Ratio Lower Upper

43 100

58 44.2 34.4 51.6

100 16.9 13.2 19.8





#42

Toluene

Concen: 18.776 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

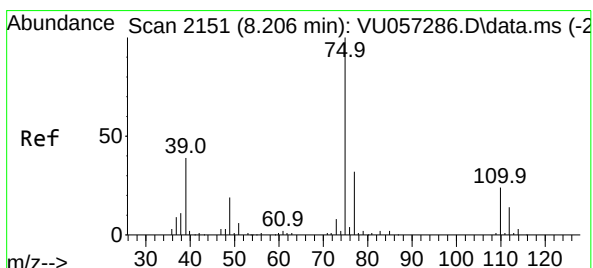
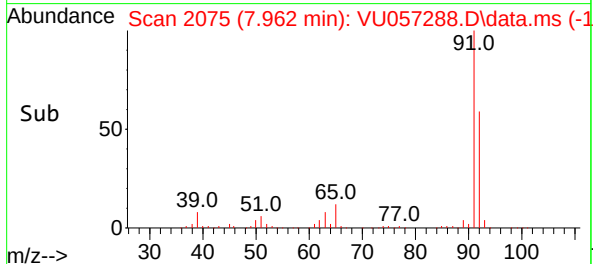
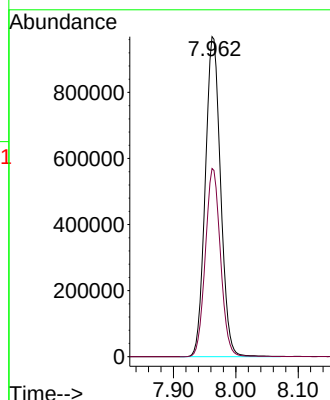
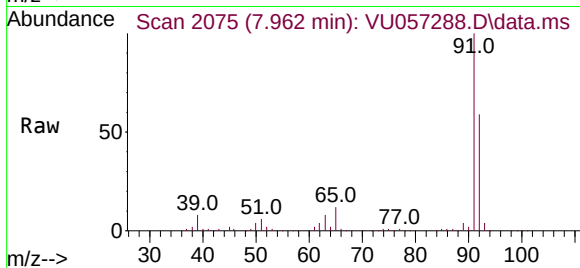
ClientSampleId :

Tgt Ion: 91 Resp: 1653464

Ion Ratio Lower Upper

91 100

92 58.8 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 20.628 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057288.D

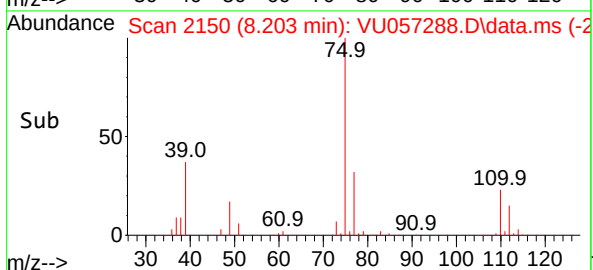
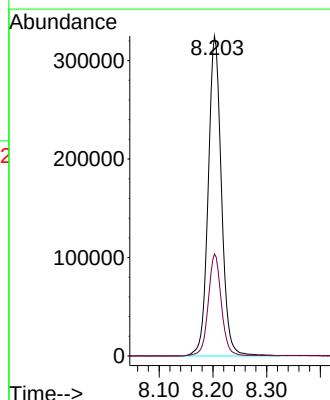
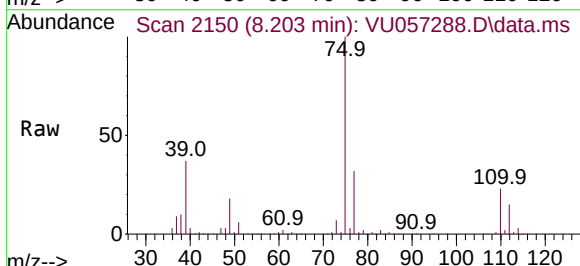
Acq: 27 Dec 2023 18:14

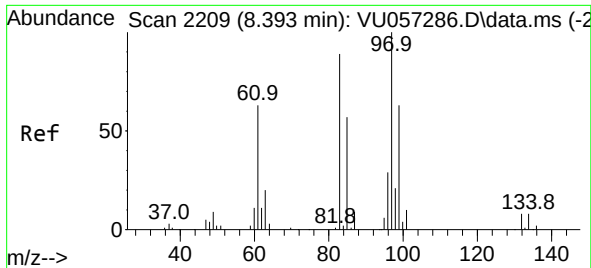
Tgt Ion: 75 Resp: 556169

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



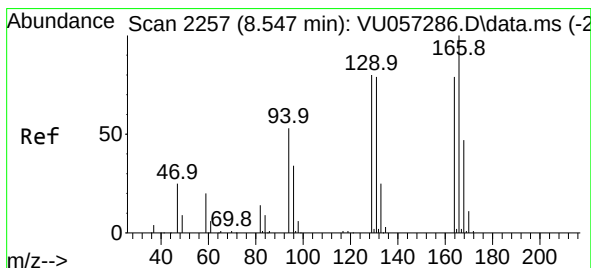
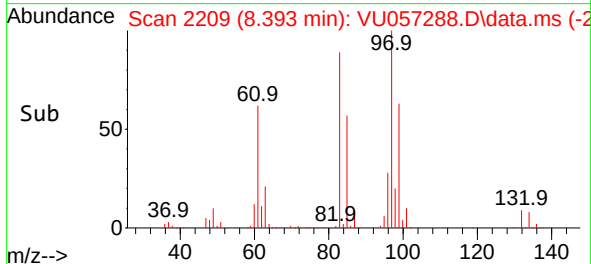
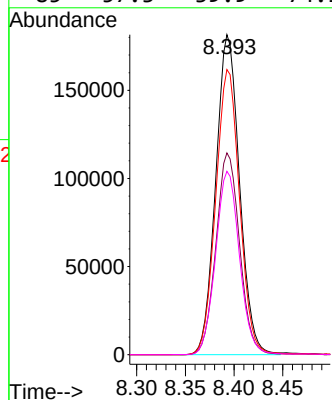
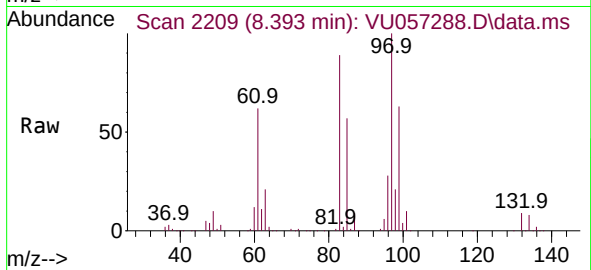


#45
1,1,2-Trichloroethane
Concen: 20.692 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 308744

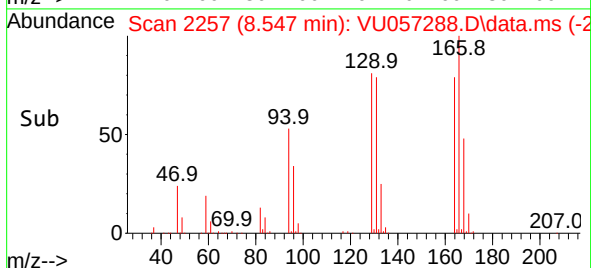
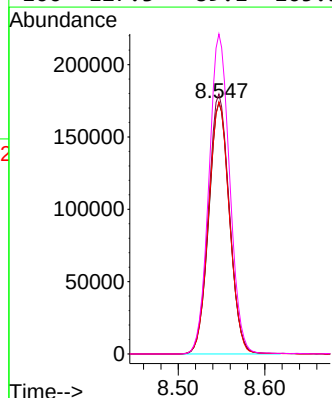
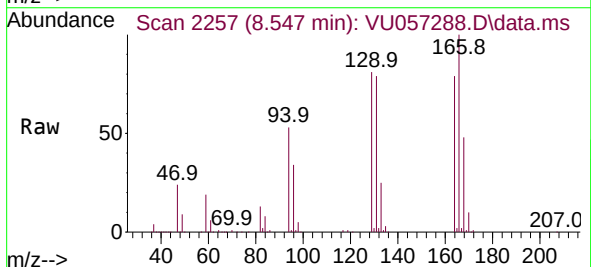
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.0	81.8
83	89.1	62.3	115.7
85	57.3	39.9	74.1

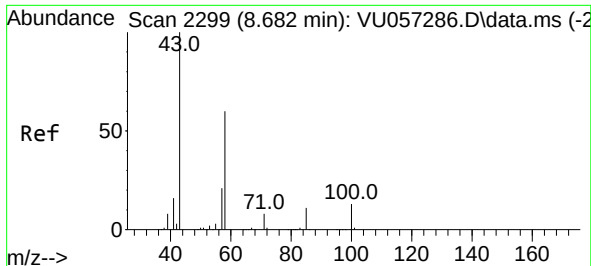


#47
Tetrachloroethene
Concen: 16.812 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion: 164 Resp: 290029

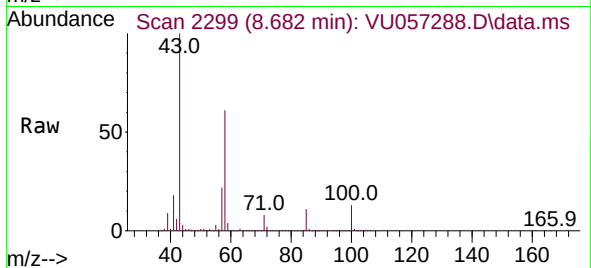
Ion	Ratio	Lower	Upper
164	100		
129	103.5	71.3	132.5
131	100.3	70.7	131.3
166	127.3	89.1	165.5





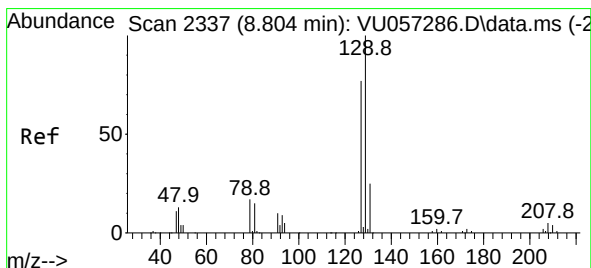
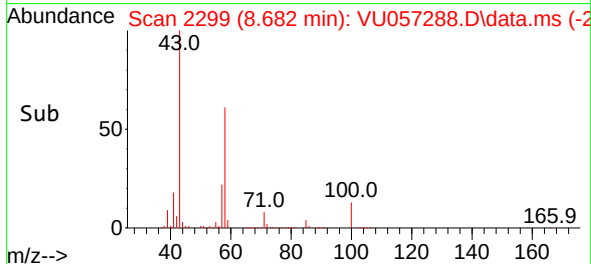
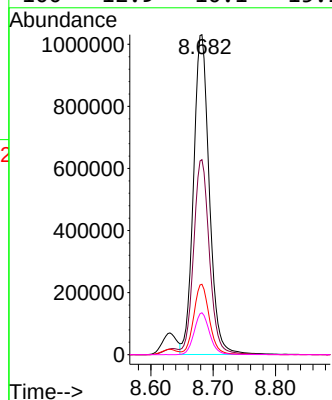
#48
2-Hexanone
Concen: 253.721 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1811643

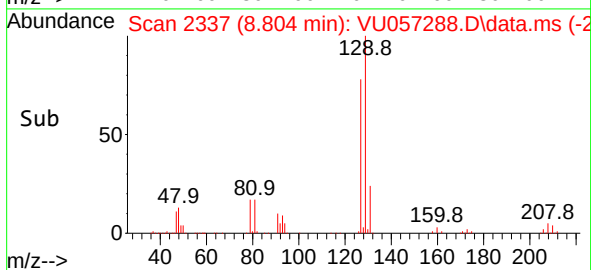
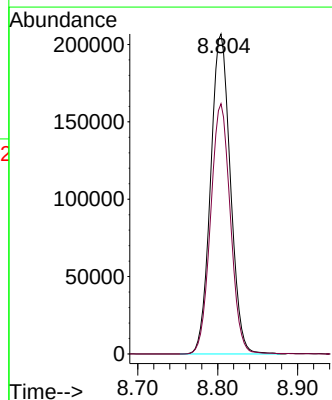
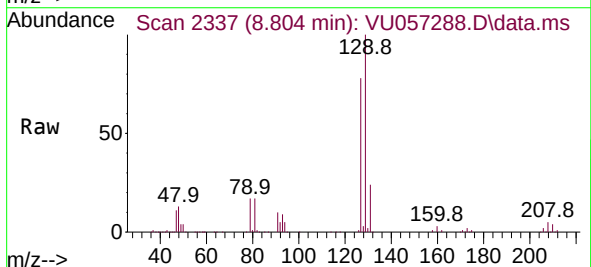
Ion	Ratio	Lower	Upper
43	100		
58	61.1	48.4	72.6
57	21.9	17.4	26.2
100	12.9	10.1	15.1

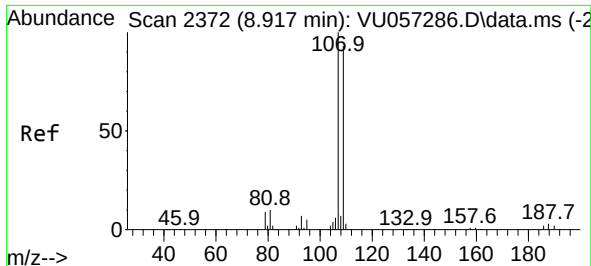


#49
Dibromochloromethane
Concen: 18.842 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion:129 Resp: 355040

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.2	100.6





#50

1,2-Dibromoethane

Concen: 20.793 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

ClientSampleId :

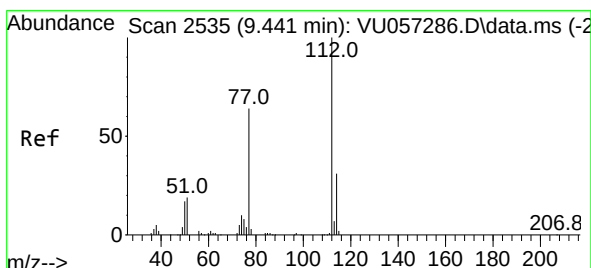
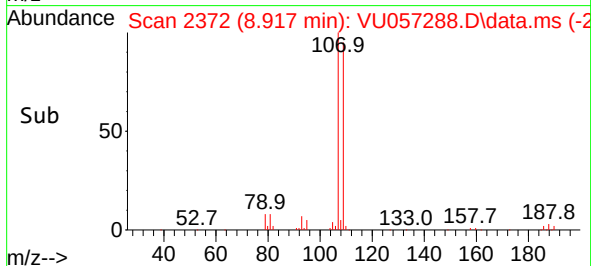
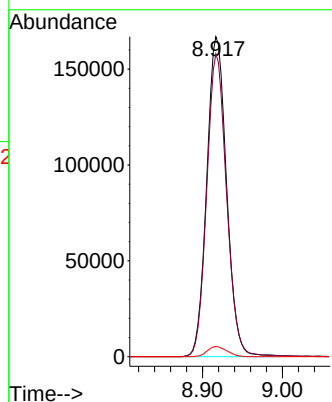
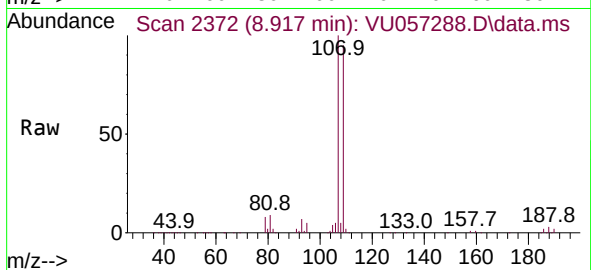
Tgt Ion:107 Resp: 288360

Ion Ratio Lower Upper

107 100

109 94.6 65.2 121.2

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 18.153 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

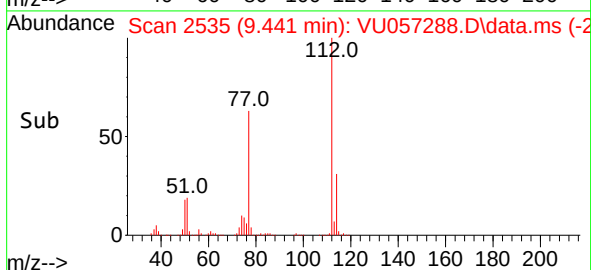
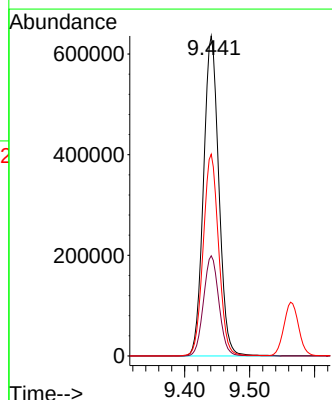
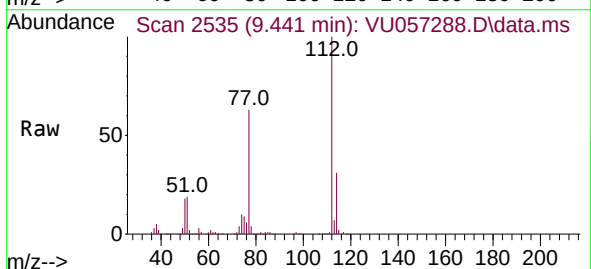
Tgt Ion:112 Resp: 1045386

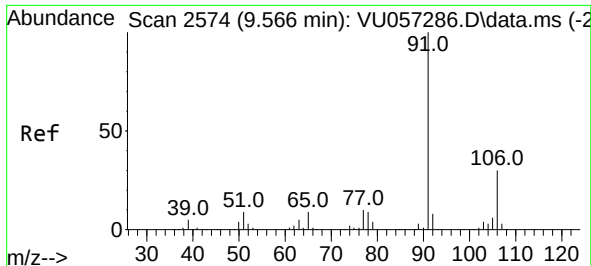
Ion Ratio Lower Upper

112 100

114 31.3 21.8 40.4

77 63.1 51.2 76.8

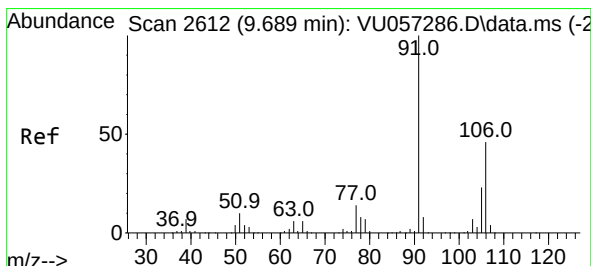
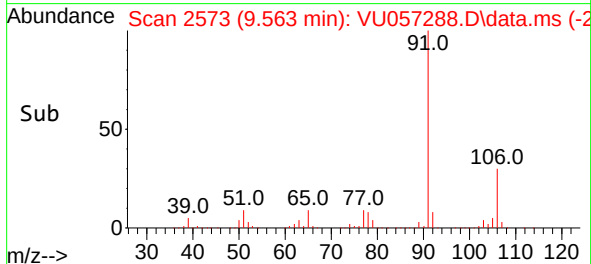
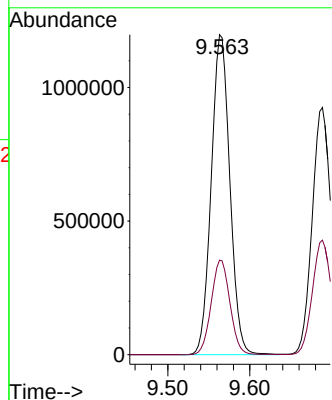
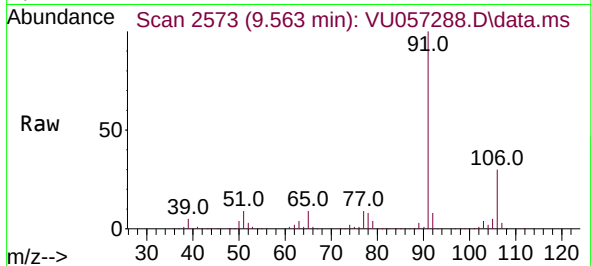




#52
Ethylbenzene
Concen: 19.212 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

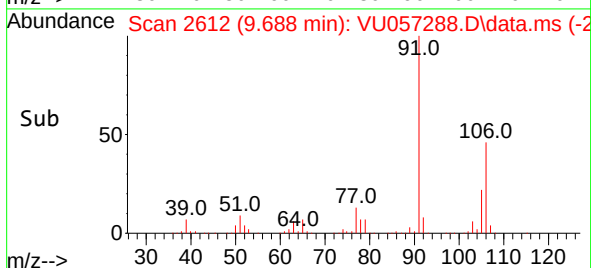
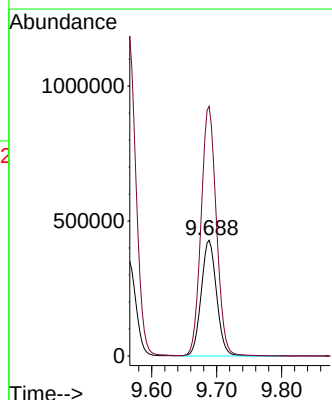
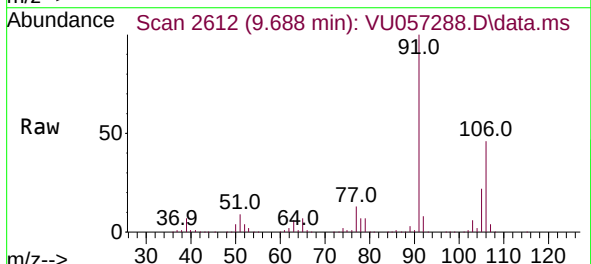
Instrument :
MSVOA_U
ClientSampleId :

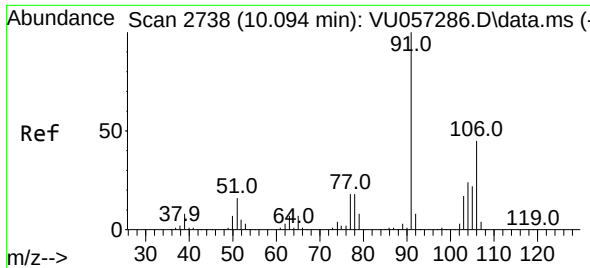
Tgt Ion: 91 Resp: 1890856
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.3



#53
m,p-Xylene
Concen: 19.535 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion: 106 Resp: 704180
Ion Ratio Lower Upper
106 100
91 215.6 151.5 281.5

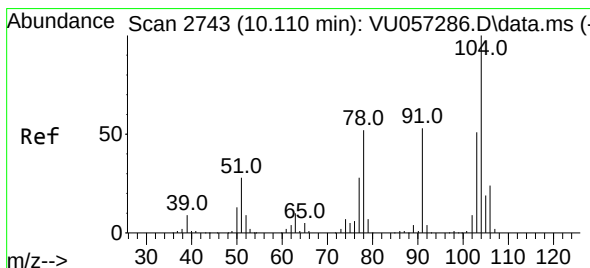
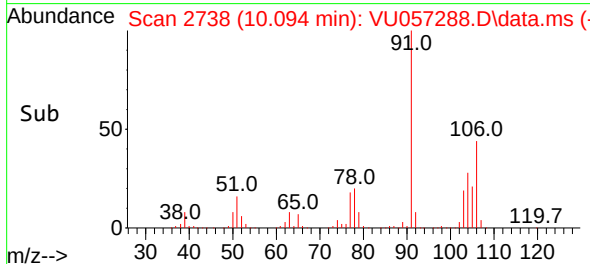
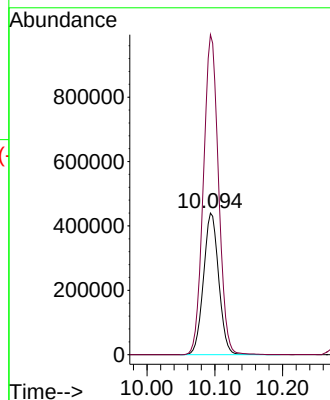
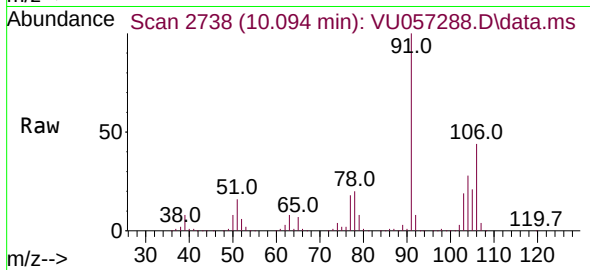




#54
o-Xylene
Concen: 19.652 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

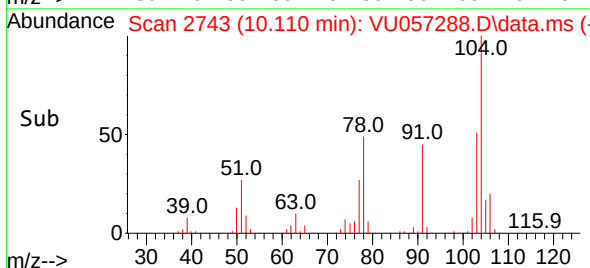
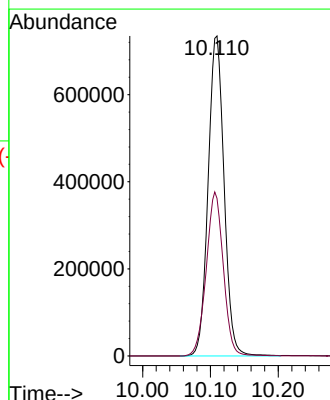
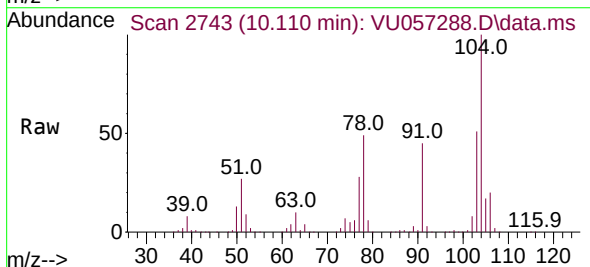
Instrument :
MSVOA_U
ClientSampleId :

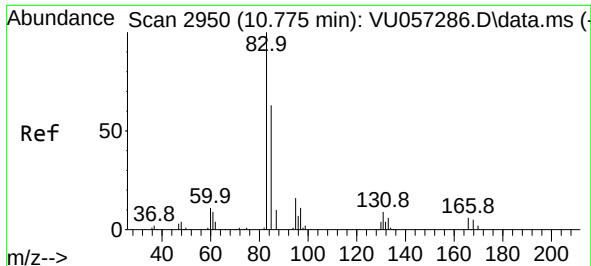
Tgt Ion:106 Resp: 684647
Ion Ratio Lower Upper
106 100
91 226.0 156.0 289.8



#55
Styrene
Concen: 20.872 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion:104 Resp: 1201338
Ion Ratio Lower Upper
104 100
78 49.2 36.3 67.3

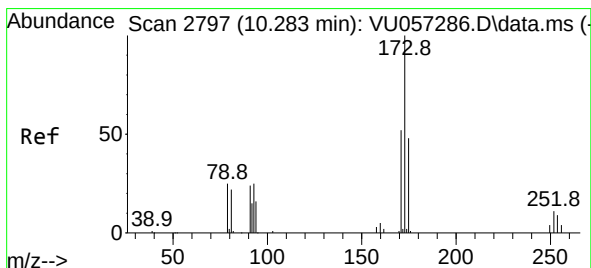
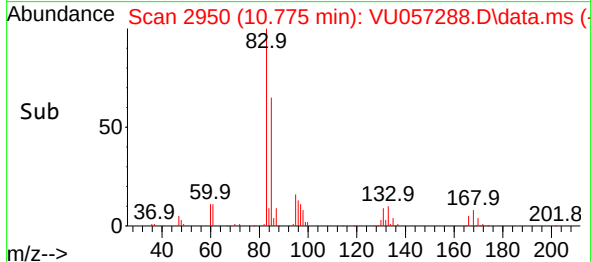
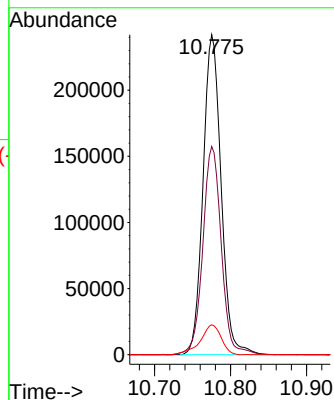
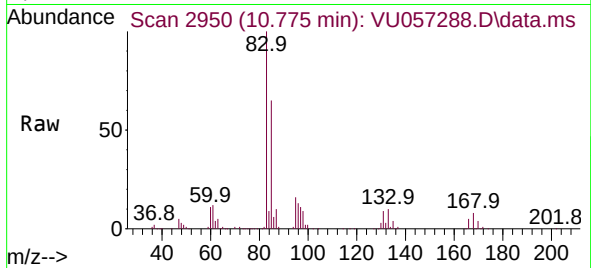




#57
1,1,2,2-Tetrachloroethane
Concen: 22.090 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

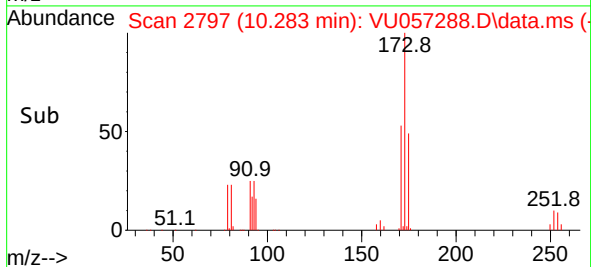
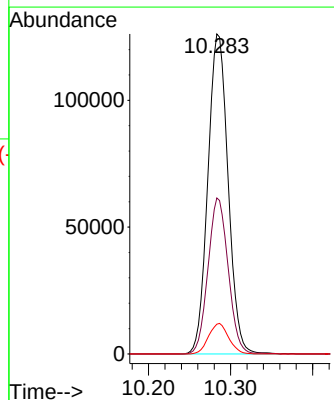
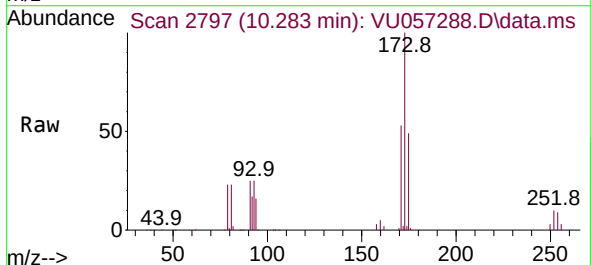
Instrument :
MSVOA_U
ClientSampleId :

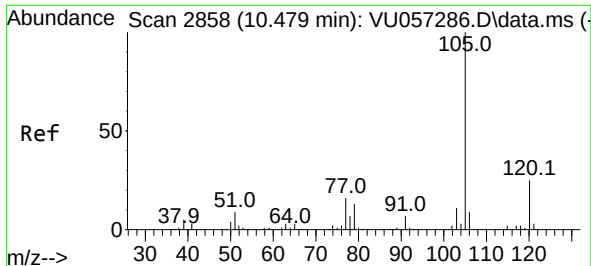
Tgt Ion: 83 Resp: 398842
Ion Ratio Lower Upper
83 100
85 65.1 44.7 83.1
131 9.3 7.7 11.5



#59
Bromoform
Concen: 19.762 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

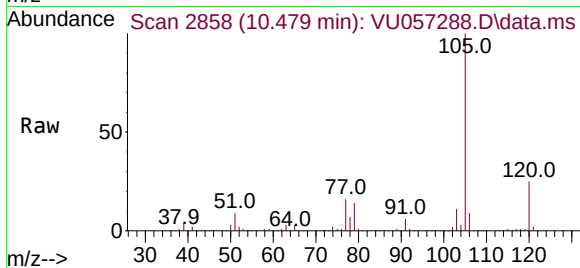
Tgt Ion:173 Resp: 215682
Ion Ratio Lower Upper
173 100
175 48.7 40.2 60.2
254 9.5 6.8 10.2



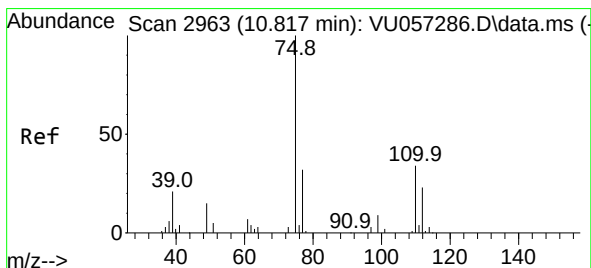
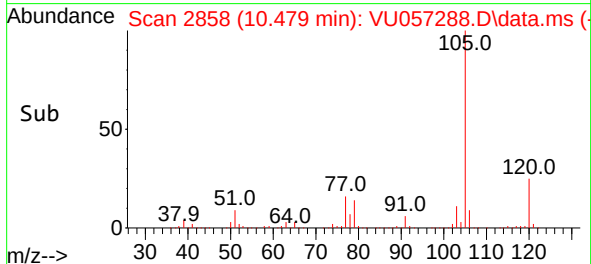
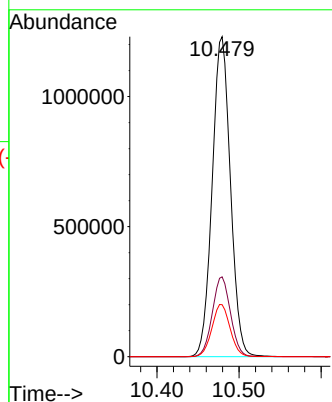


#60
Isopropylbenzene
Concen: 18.813 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Instrument :
MSVOA_U
ClientSampleId :

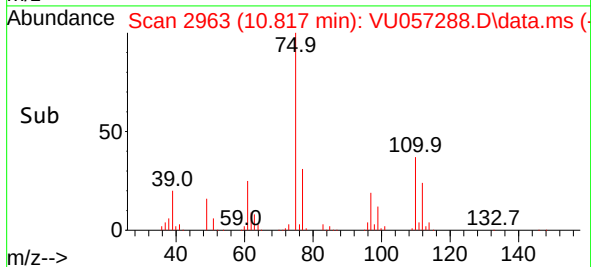
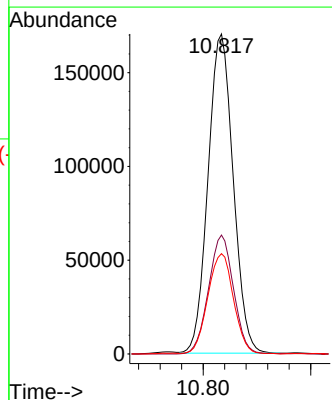
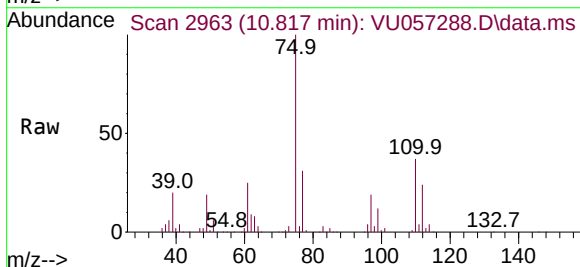


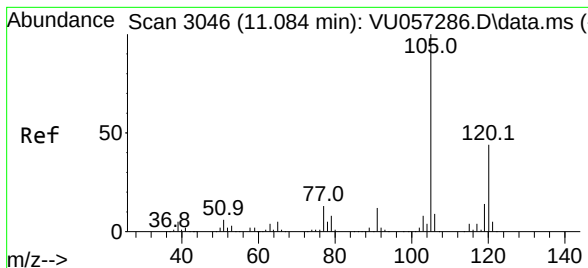
Tgt Ion:105 Resp: 1894958
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.4
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 20.295 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion: 75 Resp: 276191
Ion Ratio Lower Upper
75 100
110 37.0 29.0 43.6
77 32.4 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 19.361 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

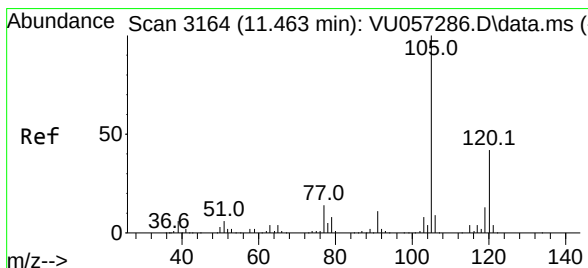
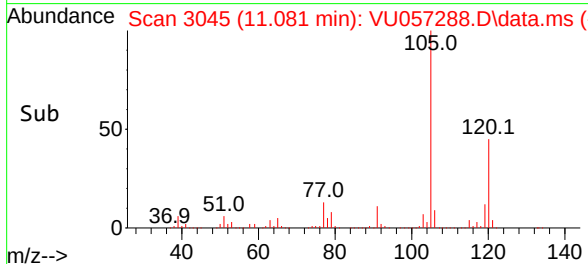
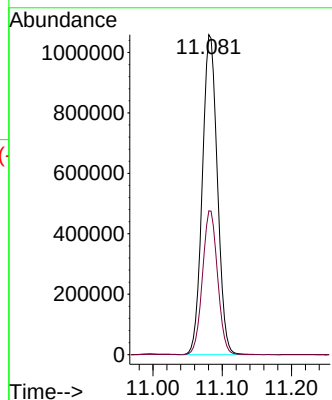
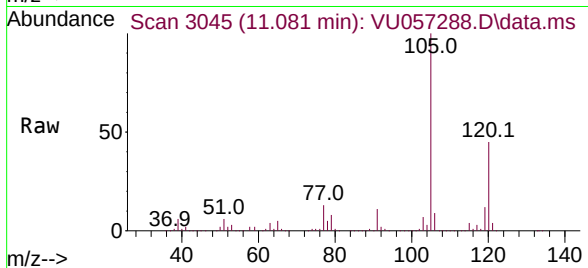
ClientSampleId :

Tgt Ion:105 Resp: 1591363

Ion Ratio Lower Upper

105 100

120 45.1 36.0 54.0



#63

1,2,4-Trimethylbenzene

Concen: 19.617 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU057288.D

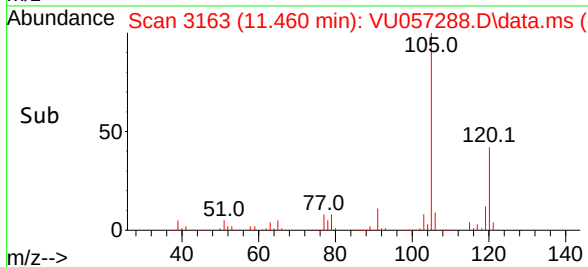
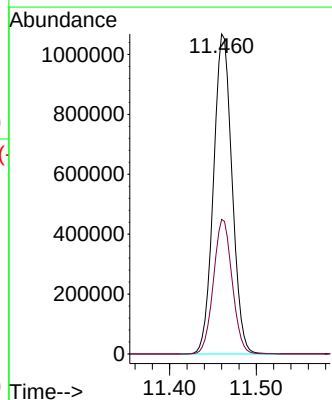
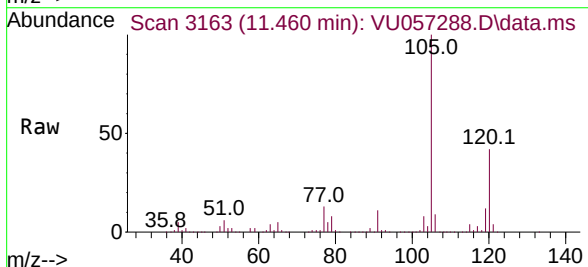
Acq: 27 Dec 2023 18:14

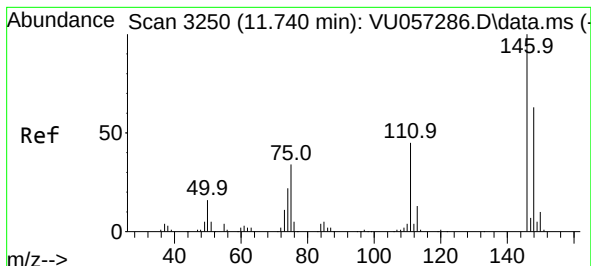
Tgt Ion:105 Resp: 1590023

Ion Ratio Lower Upper

105 100

120 42.4 33.5 50.3





#64

1,3-Dichlorobenzene

Concen: 17.818 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

ClientSampleId :

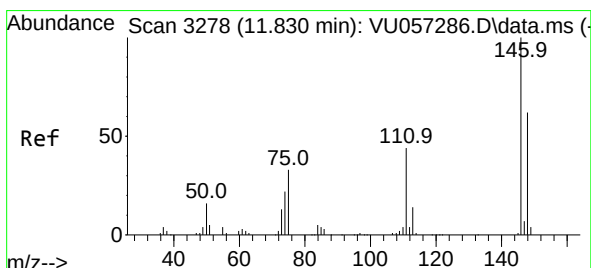
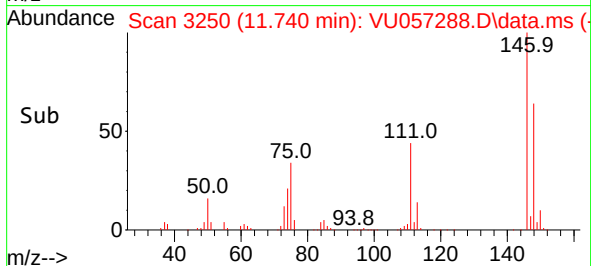
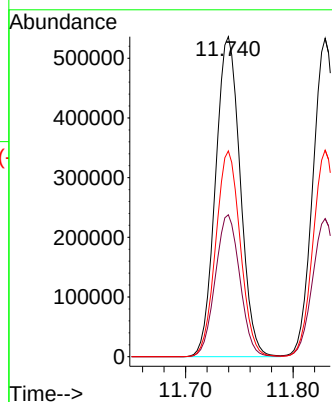
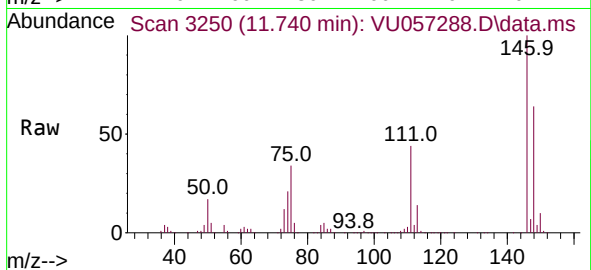
Tgt Ion:146 Resp: 856835

Ion Ratio Lower Upper

146 100

111 44.4 31.4 58.2

148 64.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 17.470 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

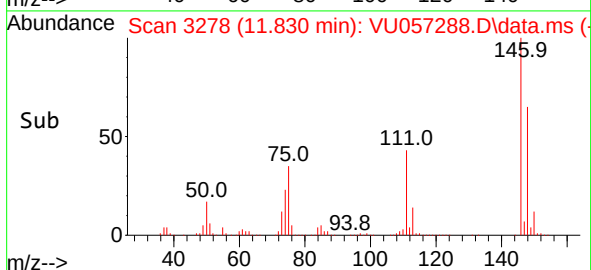
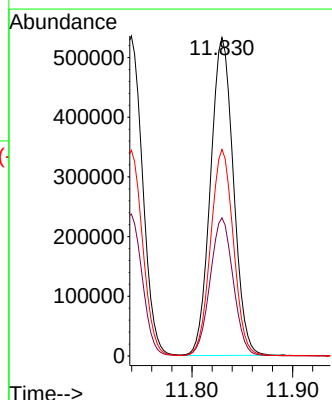
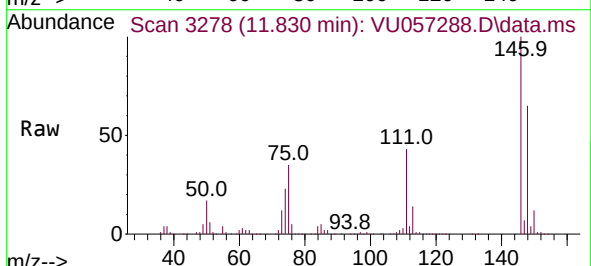
Tgt Ion:146 Resp: 844730

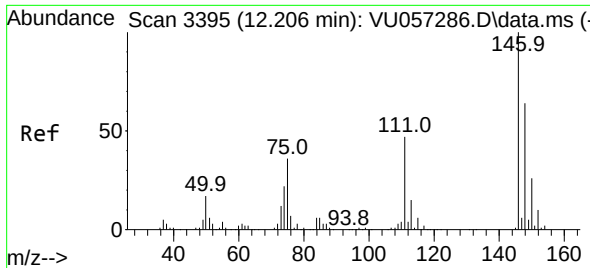
Ion Ratio Lower Upper

146 100

111 43.4 30.9 57.3

148 64.9 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 18.691 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

ClientSampleId :

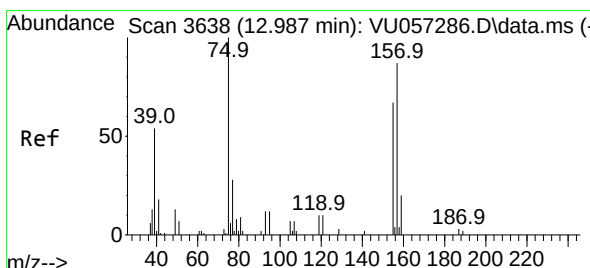
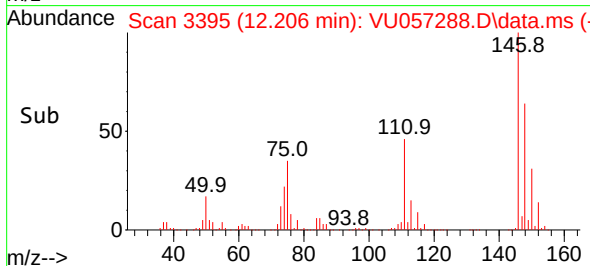
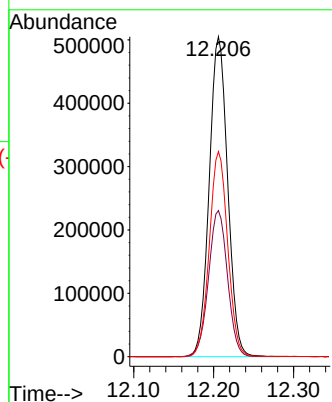
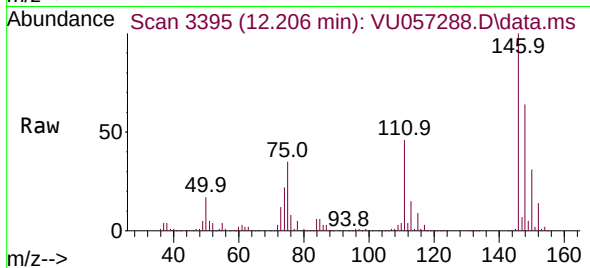
Tgt Ion:146 Resp: 809685

Ion Ratio Lower Upper

146 100

111 45.6 37.8 56.8

148 64.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.333 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

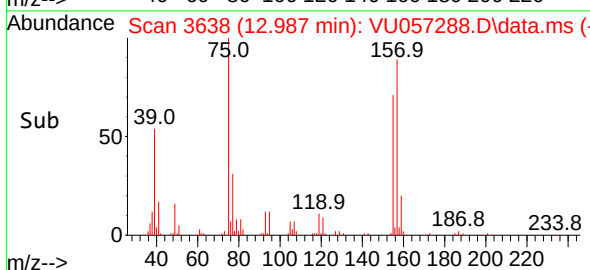
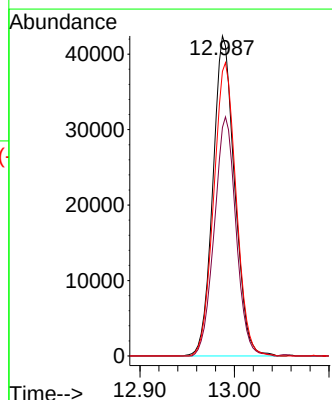
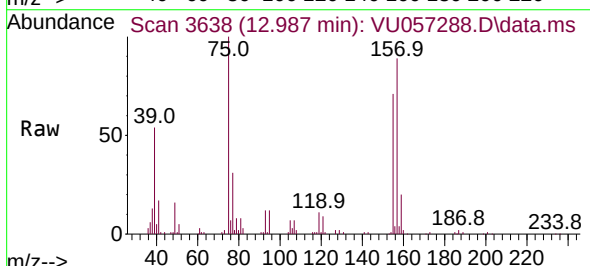
Tgt Ion: 75 Resp: 67682

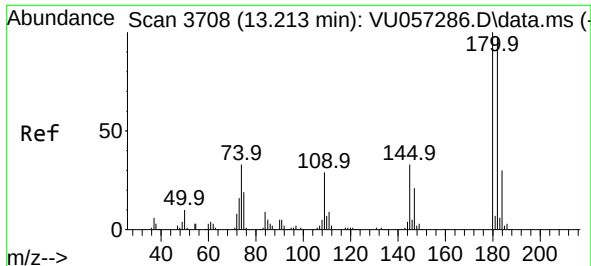
Ion Ratio Lower Upper

75 100

155 71.4 53.8 80.8

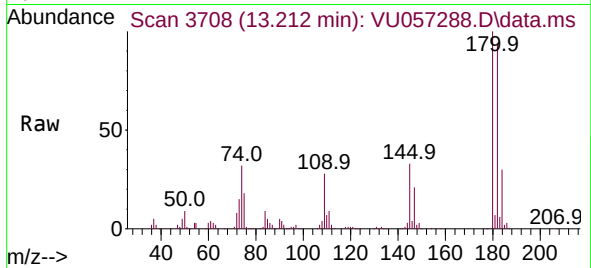
157 89.0 69.7 104.5



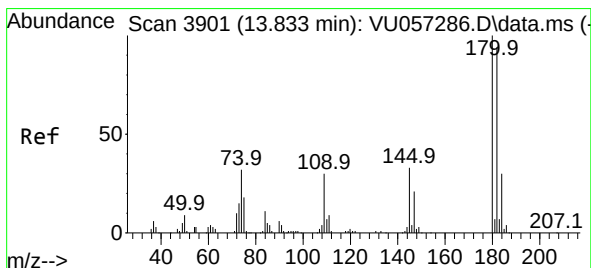
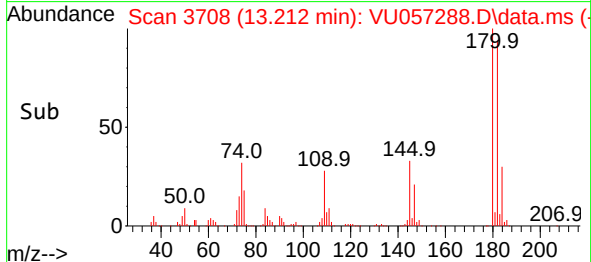
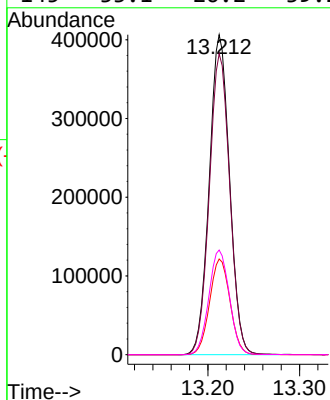


#69
1,3,5-Trichlorobenzene
Concen: 17.593 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Instrument :
MSVOA_U
ClientSampleId :

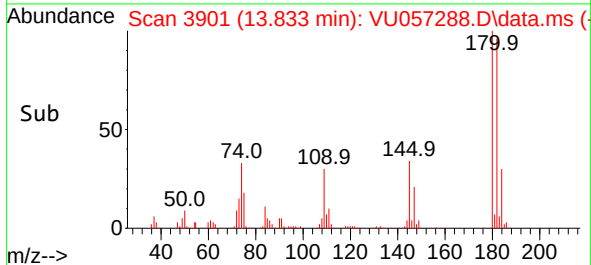
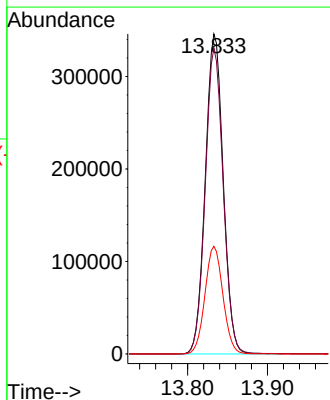
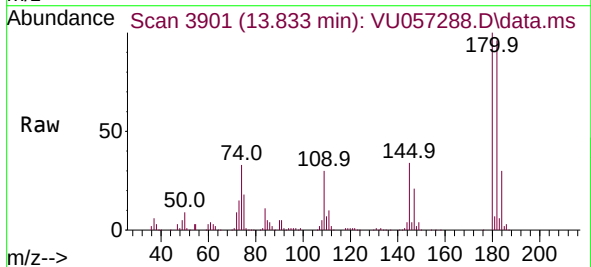


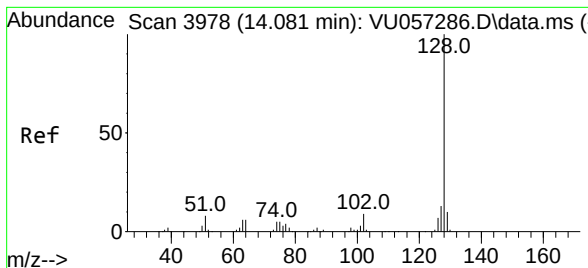
Tgt Ion:180 Resp: 624192
Ion Ratio Lower Upper
180 100
182 94.8 76.3 114.5
184 30.1 23.6 35.4
145 33.1 26.2 39.2



#70
1,2,4-trichlorobenzene
Concen: 19.332 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU057288.D
Acq: 27 Dec 2023 18:14

Tgt Ion:180 Resp: 540513
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.4
145 33.7 26.7 40.1





#71

Naphthalene

Concen: 26.308 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Instrument :

MSVOA_U

ClientSampleId :

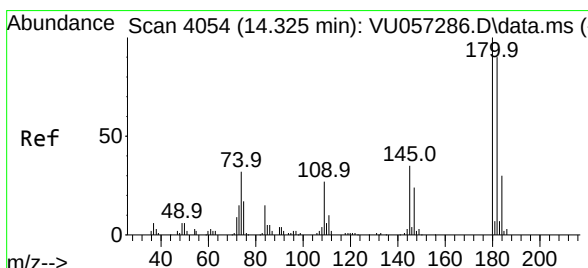
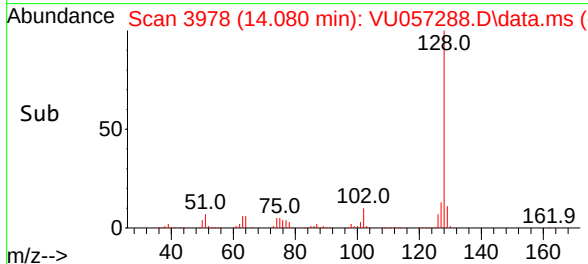
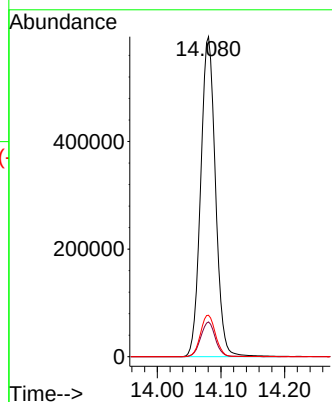
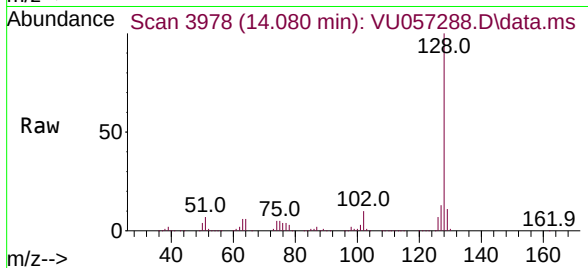
Tgt Ion:128 Resp: 960640

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.2 9.8 14.6



#72

1,2,3-Trichlorobenzene

Concen: 21.434 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU057288.D

Acq: 27 Dec 2023 18:14

Tgt Ion:180 Resp: 477316

Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.8

145 35.6 28.0 42.0

