

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058727.D
 Acq On : 16 Apr 2024 19:36
 Operator : MD/SY
 Sample : P2143-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:15:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	75158	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	13884	2.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.800%
7) Chloroethane-d5	1.905	69	16553	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.557	65	6856	3.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	4.615	46	69521	66.297	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.600%#
24) Chloroform-d	5.062	84	89388	8.999	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	180.000%#
26) 1,2-Dichloroethane-d4	5.692	65	22789	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	77300	3.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.702	67	29055	4.496	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.895	98	62132	3.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.174	79	9099	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.628	63	51480	62.220	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22446	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	25505	3.706	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.200%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.596	62	7454	0.974	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	114619	19.078	ug/L	96
12) 1,1-Dichloroethene	2.570	96	854528	160.432	ug/L #	77
13) Acetone	2.622	43	24283	27.132	ug/L	100
15) Methyl Acetate	3.027	43	67093	31.771	ug/L	93
16) Methylene chloride	3.027	84	12809928	1812.112	ug/L	86
17) Methyl tert-butyl Ether	3.348	73	1789	0.142	ug/L #	14
18) trans-1,2-Dichloroethene	3.342	96	4405	0.789	ug/L	91
19) 1,1-Dichloroethane	3.856	63	61966	5.086	ug/L	98
21) 2-Butanone	4.715	43	3860	2.885	ug/L #	52
22) cis-1,2-Dichloroethene	4.650	96	1012172	161.456	ug/L	95
25) Chloroform	5.075	83	1143880	96.995	ug/L	100
27) 1,2-Dichloroethane	5.789	62	7393	1.029	ug/L	97
29) 1,1,1-Trichloroethane	5.310	97	38468	3.749	ug/L	97
30) Cyclohexane	5.380	56	3761	0.347	ug/L #	89
31) Carbon tetrachloride	5.515	117	68575	7.891	ug/L	99
33) Benzene	5.769	78	35900	1.294	ug/L	100
35) Methylcyclohexane	6.567	83	783215	74.328	ug/L #	1
37) 1,2-Dichloropropane	6.560	63	258732	35.443	ug/L #	90

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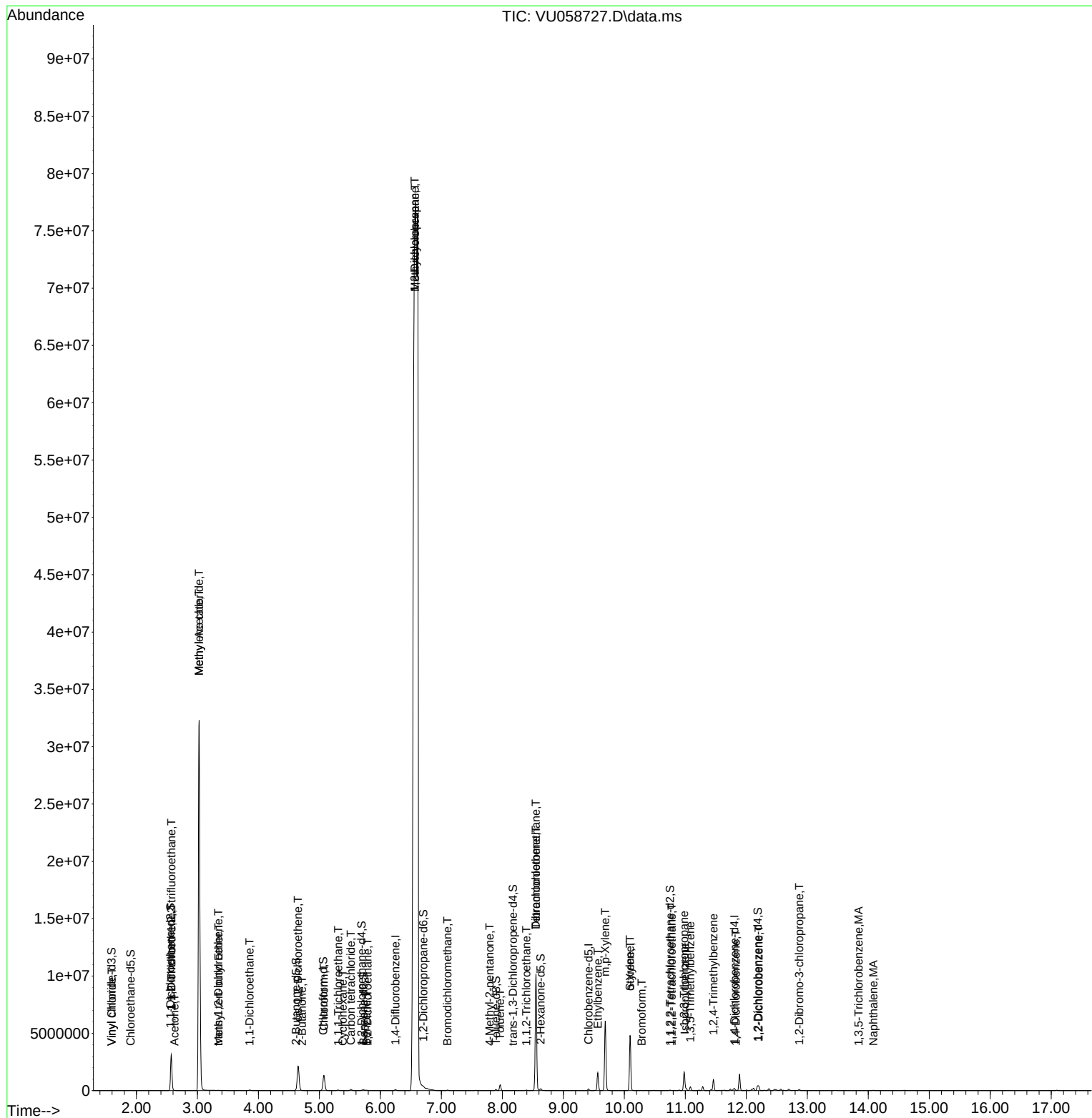
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Bromodichloromethane	7.100	83	31415	3.770	ug/L	100
40) 4-Methyl-2-pentanone	7.792	43	5448	1.586	ug/L #	88
42) Toluene	7.962	91	356225	12.241	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	17893	4.197	ug/L	96
47) Tetrachloroethene	8.551	164	1957568	381.810	ug/L	96
49) Dibromochloromethane	8.551	129	2002861	406.335	ug/L #	11
52) Ethylbenzene	9.563	91	1044955	33.892	ug/L	100
53) m,p-Xylene	9.686	106	1540403	139.526	ug/L	97
54) o-Xylene	10.094	106	1148408	106.101	ug/L	98
55) Styrene	10.094	104	57985	3.330	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.776	83	6109	1.162	ug/L	94
59) Bromoform	10.284	173	2025	0.742	ug/L #	94
60) Isopropylbenzene	10.991	105	296879	9.926	ug/L	92
61) 1,2,3-Trichloropropane	10.981	75	25284	6.065	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.081	105	165404	6.781	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	491639	19.740	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	8672	0.613	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	114824	8.688	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.869	75	633	0.895	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.840	180	1596	0.149	ug/L #	94
71) Naphthalene	14.084	128	25964	2.287	ug/L	99

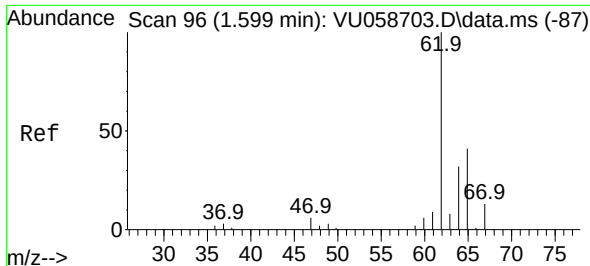
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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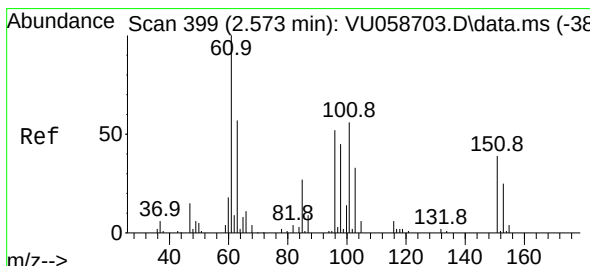
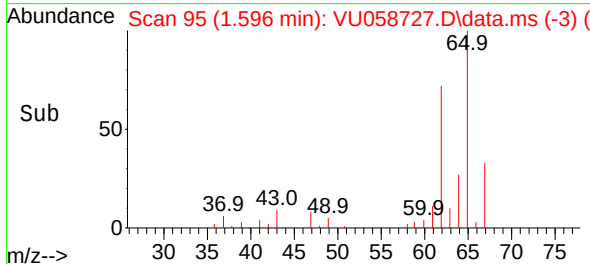
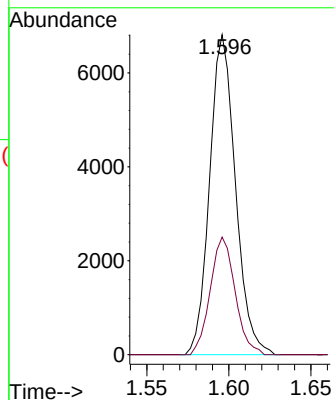
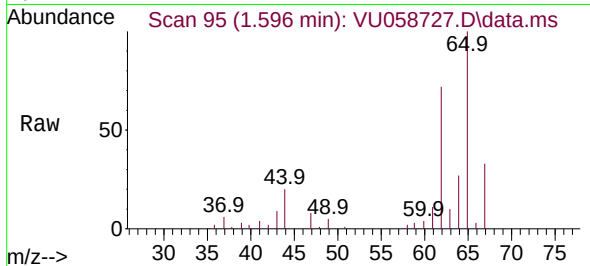




#5
 Vinyl chloride
 Concen: 0.974 ug/L
 RT: 1.596 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU058727.D
 Acq: 16 Apr 2024 19:36

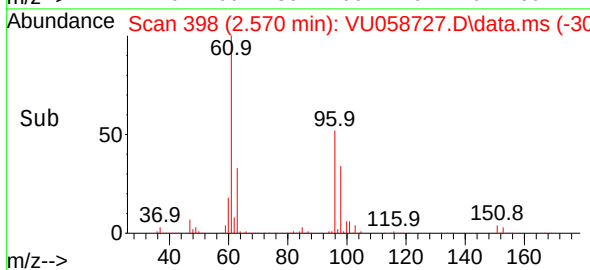
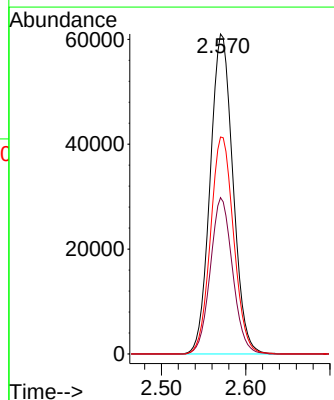
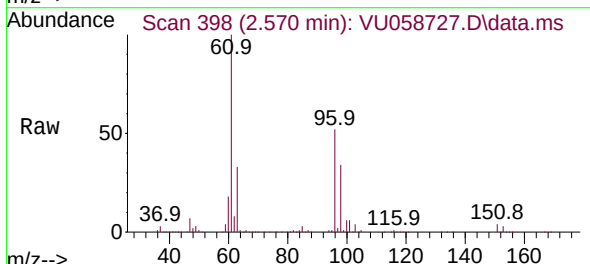
Instrument :
 MSVOA_U
 ClientSampleId :

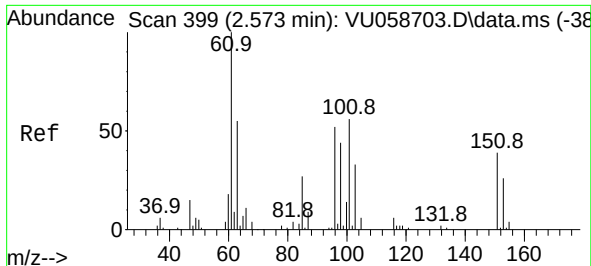
Tgt Ion: 62 Resp: 7454
 Ion Ratio Lower Upper
 62 100
 64 36.8 22.6 42.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.078 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058727.D
 Acq: 16 Apr 2024 19:36

Tgt Ion: 101 Resp: 114619
 Ion Ratio Lower Upper
 101 100
 85 47.6 36.8 55.2
 151 68.9 58.2 87.4

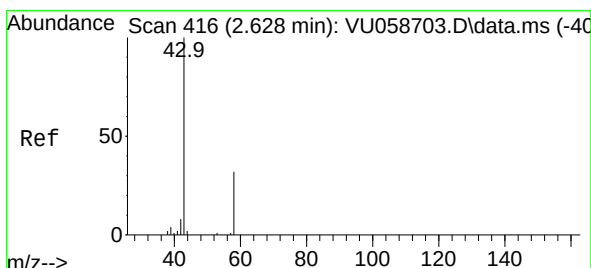
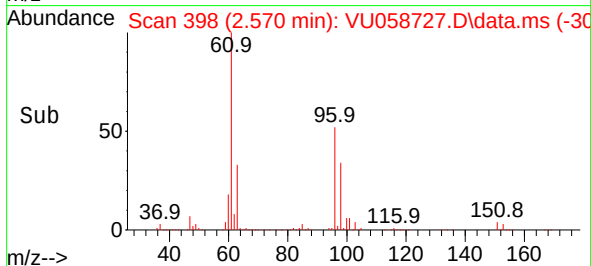
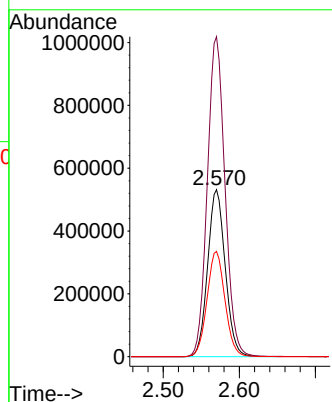
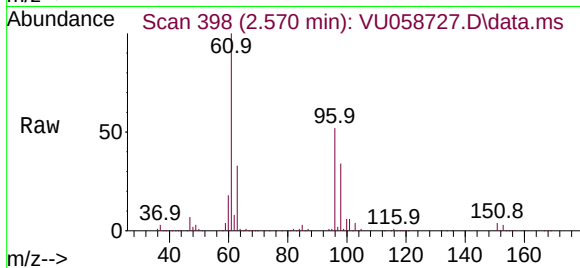




#12
1,1-Dichloroethene
Concen: 160.432 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

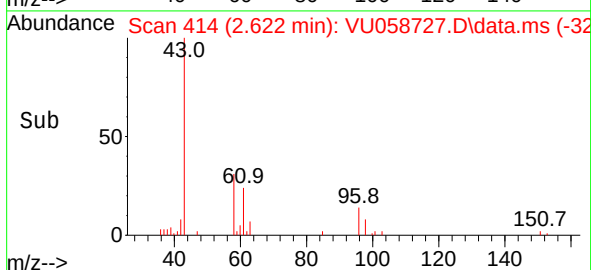
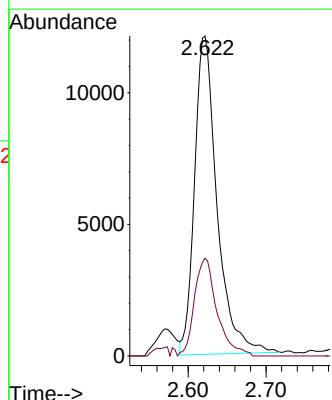
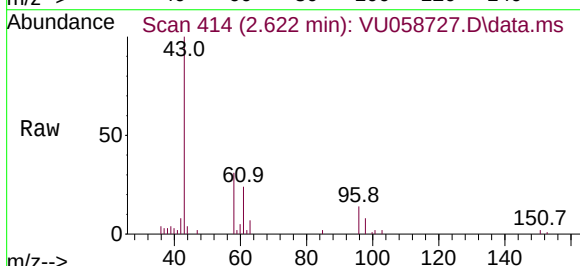
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ClientSampleId :

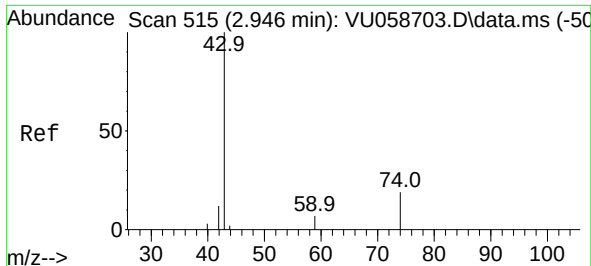
Tgt Ion: 96 Resp: 854528
Ion Ratio Lower Upper
96 100
61 191.5 132.5 246.1
63 63.0 87.7 162.9#



#13
Acetone
Concen: 27.132 ug/L
RT: 2.622 min Scan# 414
Delta R.T. -0.006 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

Tgt Ion: 43 Resp: 24283
Ion Ratio Lower Upper
43 100
58 30.7 0.0 61.4





#15

Methyl Acetate

Concen: 31.771 ug/L

RT: 3.027 min Scan# 540

Delta R.T. 0.081 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

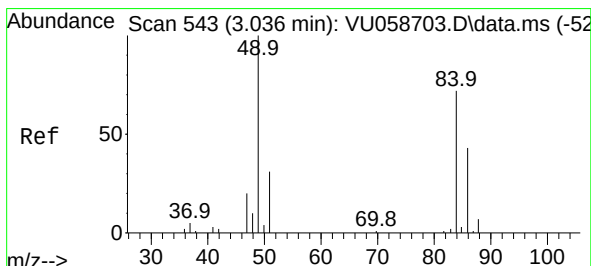
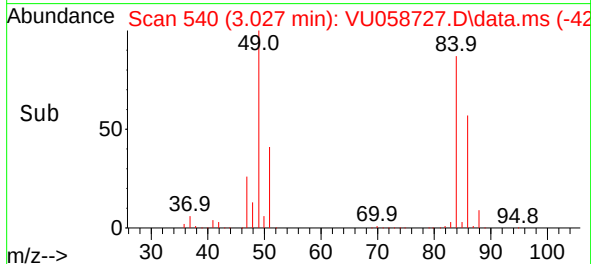
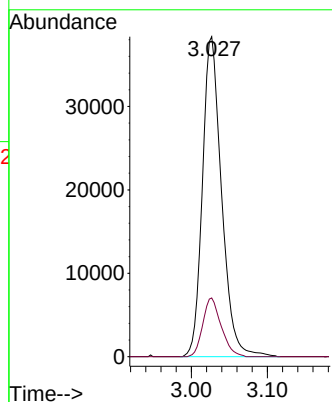
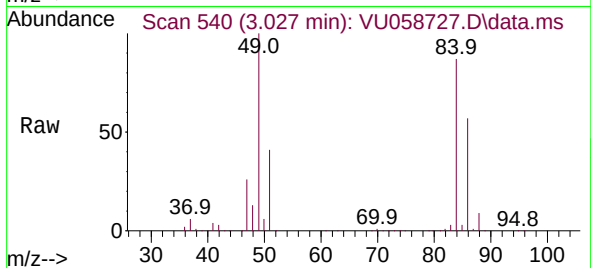
ClientSampleId :

Tgt Ion: 43 Resp: 67093

Ion Ratio Lower Upper

43 100

74 17.6 16.6 25.0



#16

Methylene chloride

Concen: 1812.112 ug/L

RT: 3.027 min Scan# 540

Delta R.T. -0.009 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

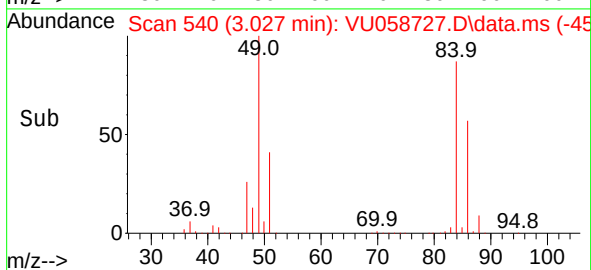
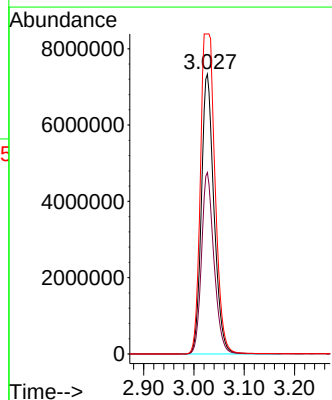
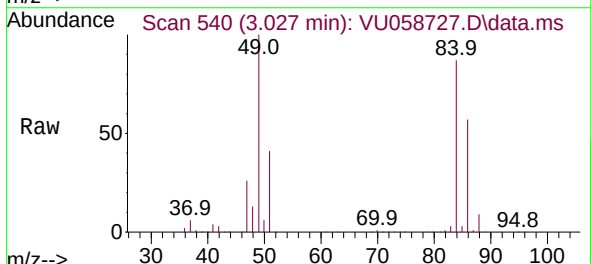
Tgt Ion: 84 Resp:12809928

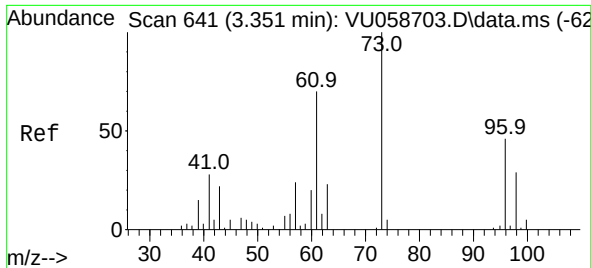
Ion Ratio Lower Upper

84 100

86 64.9 44.3 82.3

49 114.4 96.0 178.2

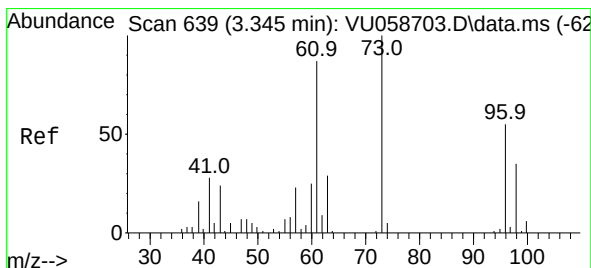
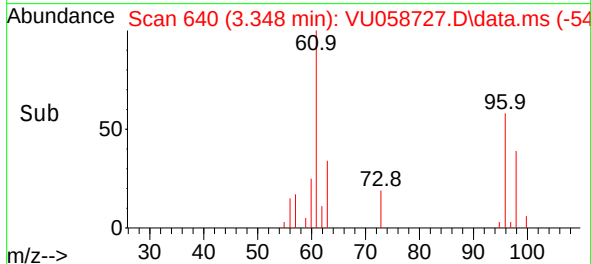
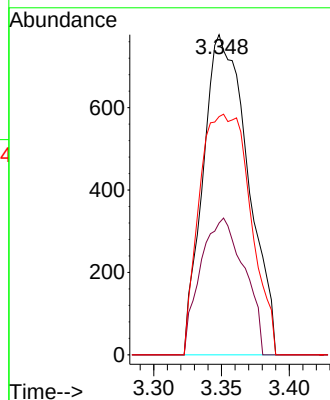
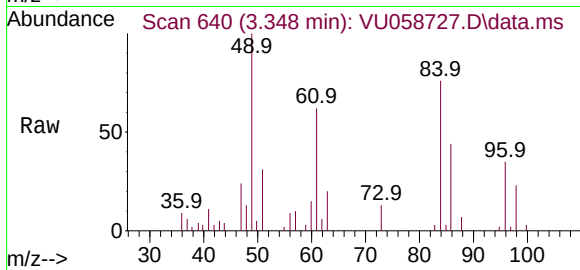




#17
Methyl tert-butyl Ether
Concen: 0.142 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

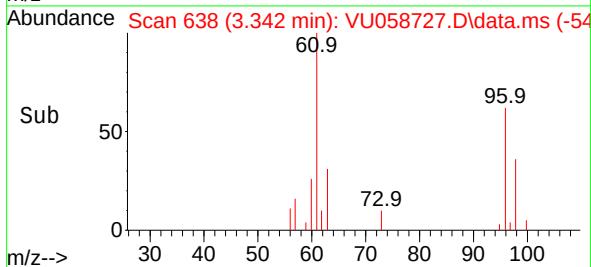
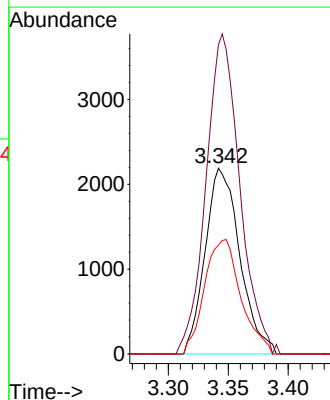
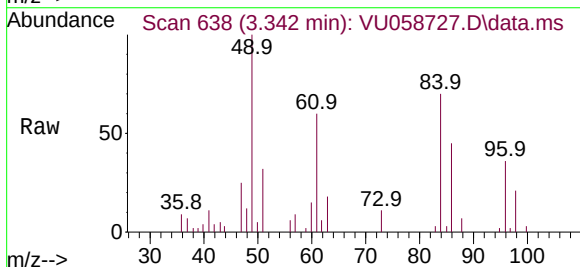
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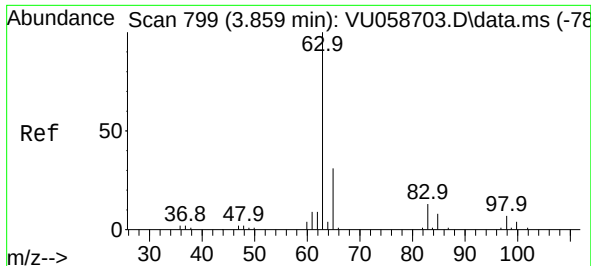
Tgt Ion: 73 Resp: 1789
Ion Ratio Lower Upper
73 100
43 41.7 17.4 26.2#
57 85.5 18.6 27.8#



#18
trans-1,2-Dichloroethene
Concen: 0.789 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

Tgt Ion: 96 Resp: 4405
Ion Ratio Lower Upper
96 100
61 166.4 107.6 199.8
98 58.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.086 ug/L

RT: 3.856 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

ClientSampleId :

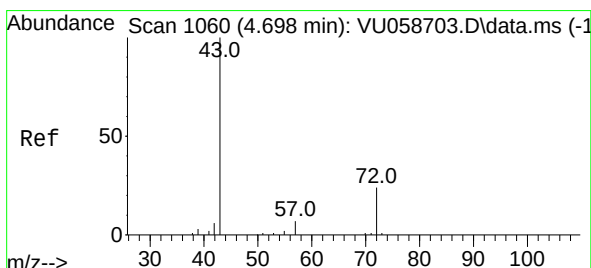
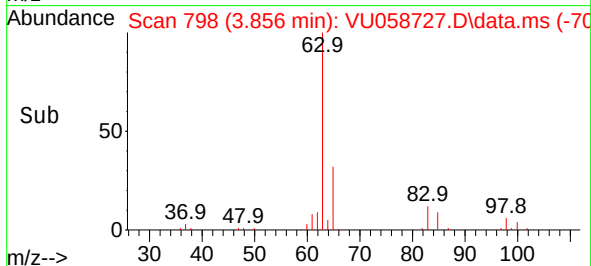
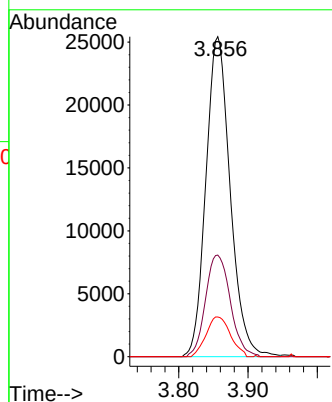
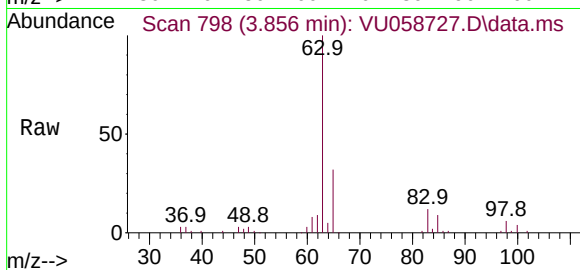
Tgt Ion: 63 Resp: 61966

Ion Ratio Lower Upper

63 100

65 31.7 22.9 42.5

83 12.4 9.6 17.8



#21

2-Butanone

Concen: 2.885 ug/L

RT: 4.715 min Scan# 1065

Delta R.T. 0.017 min

Lab File: VU058727.D

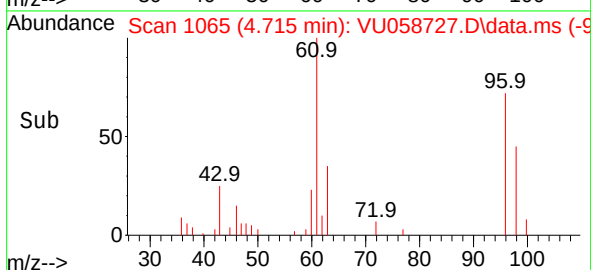
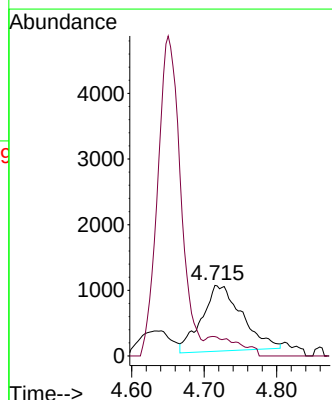
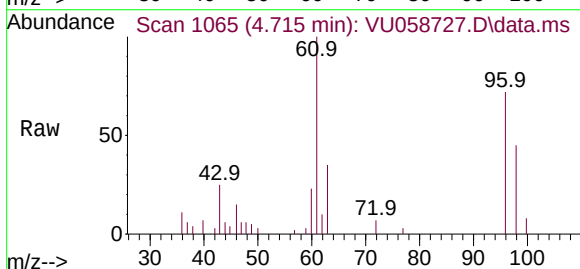
Acq: 16 Apr 2024 19:36

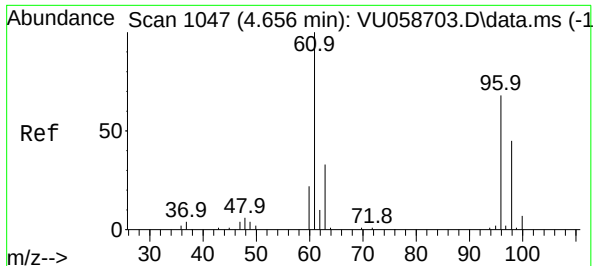
Tgt Ion: 43 Resp: 3860

Ion Ratio Lower Upper

43 100

72 0.0 11.7 35.0#





#22

cis-1,2-Dichloroethene

Concen: 161.456 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.006 min

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Acq: 16 Apr 2024 19:36

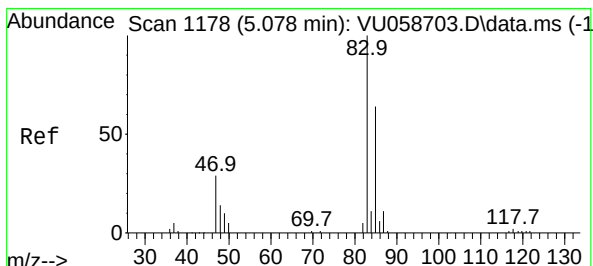
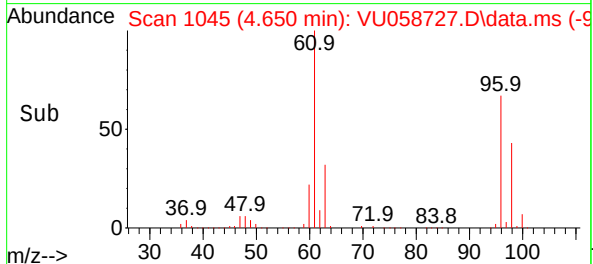
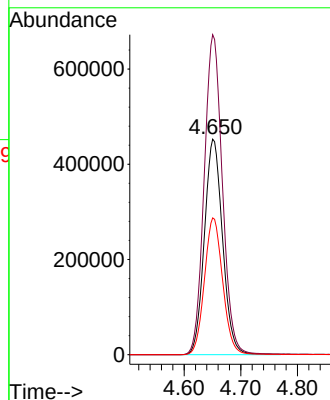
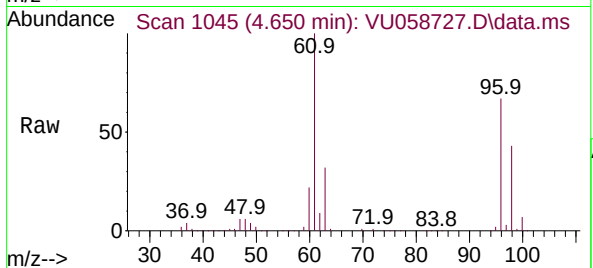
Instrument :

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ClientSampleId :

Tgt Ion: 96 Resp: 1012172

Ion	Ratio	Lower	Upper
96	100		
61	148.5	98.1	182.3
98	63.5	43.6	81.0



#25

Chloroform

Concen: 96.995 ug/L

RT: 5.075 min Scan# 1177

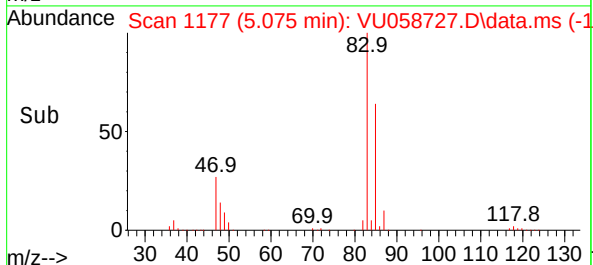
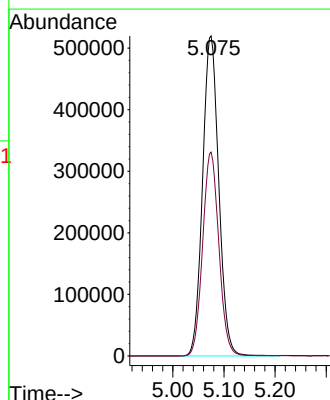
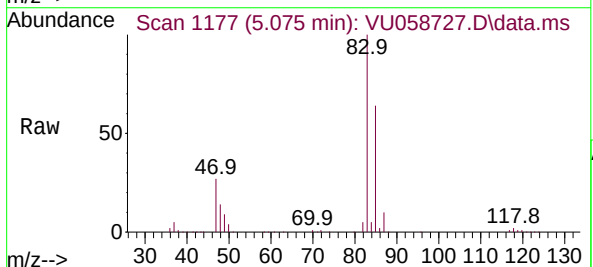
Delta R.T. -0.003 min

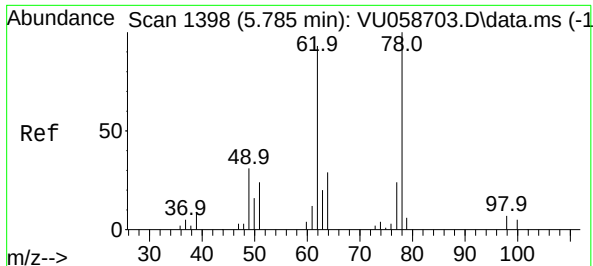
Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Tgt Ion: 83 Resp: 1143880

Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.7	83.1

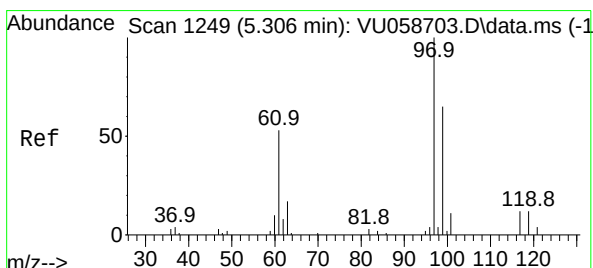
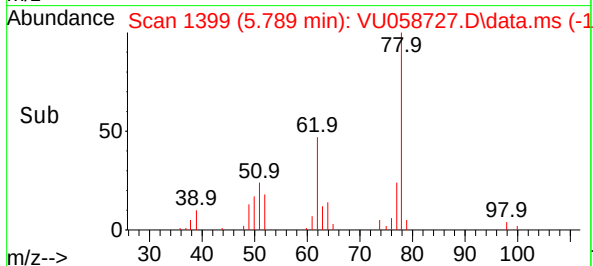
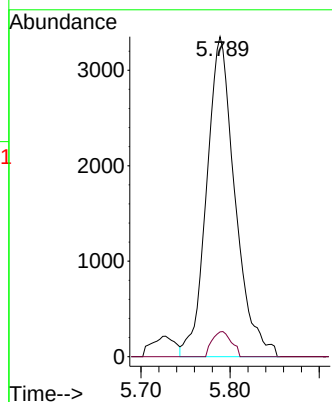
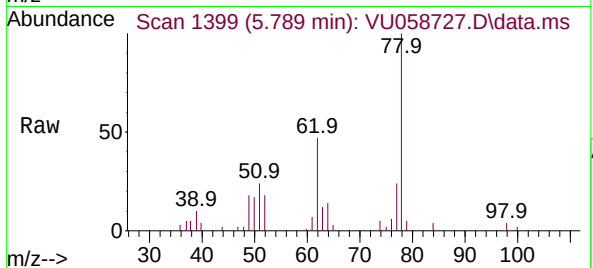




#27
1,2-Dichloroethane
Concen: 1.029 ug/L
RT: 5.789 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

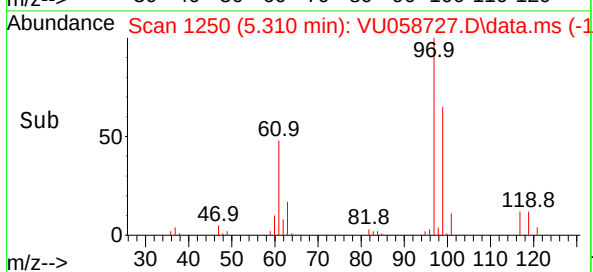
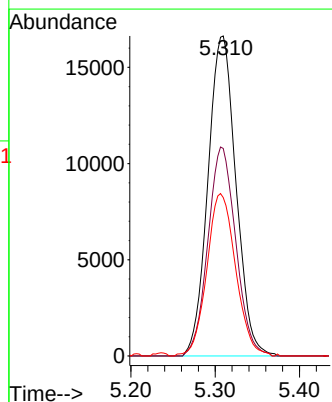
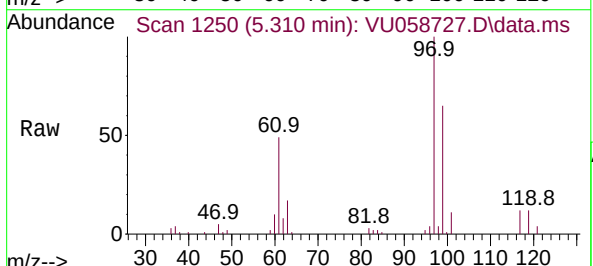
Instrument :
MSVOA_U
ClientSampleId :

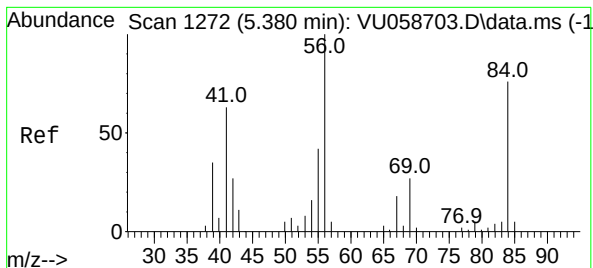
Tgt Ion: 62 Resp: 7393
Ion Ratio Lower Upper
62 100
98 7.7 7.0 10.4



#29
1,1,1-Trichloroethane
Concen: 3.749 ug/L
RT: 5.310 min Scan# 1250
Delta R.T. 0.004 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

Tgt Ion: 97 Resp: 38468
Ion Ratio Lower Upper
97 100
99 64.9 50.4 75.6
61 52.1 39.4 59.0





#30

Cyclohexane

Concen: 0.347 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

ClientSampleId :

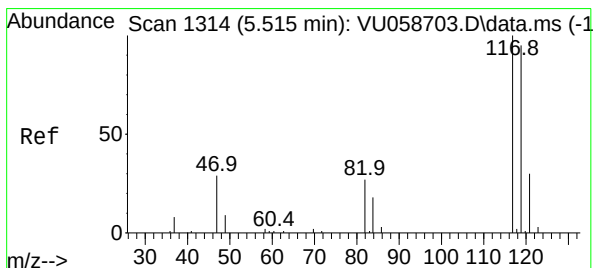
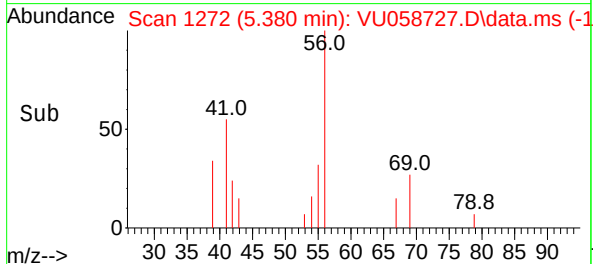
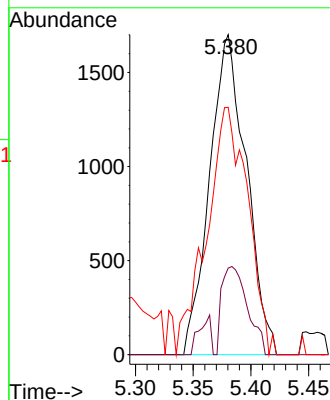
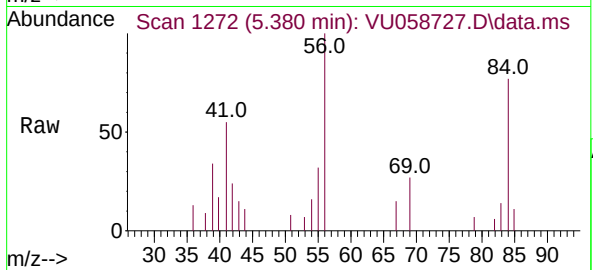
Tgt Ion: 56 Resp: 3761

Ion Ratio Lower Upper

56 100

69 19.3 23.2 34.8#

84 86.5 63.3 94.9



#31

Carbon tetrachloride

Concen: 7.891 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VU058727.D

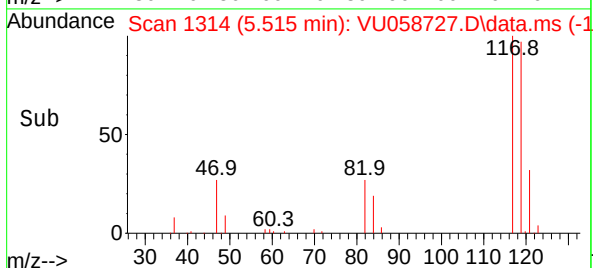
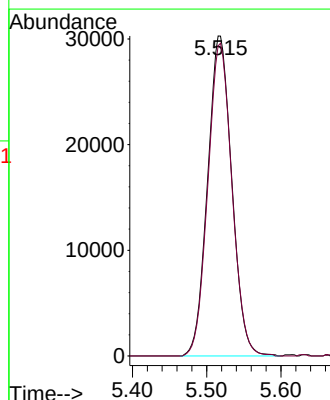
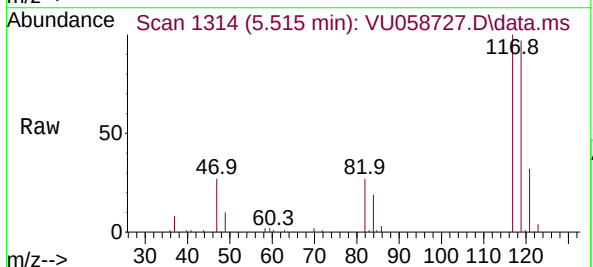
Acq: 16 Apr 2024 19:36

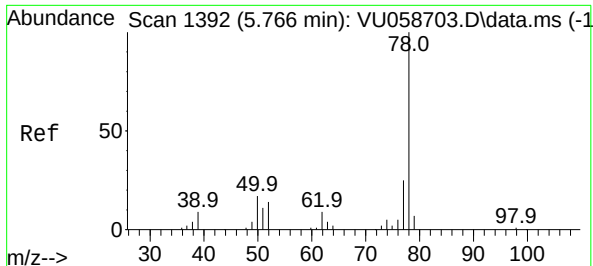
Tgt Ion: 117 Resp: 68575

Ion Ratio Lower Upper

117 100

119 97.1 76.7 115.1

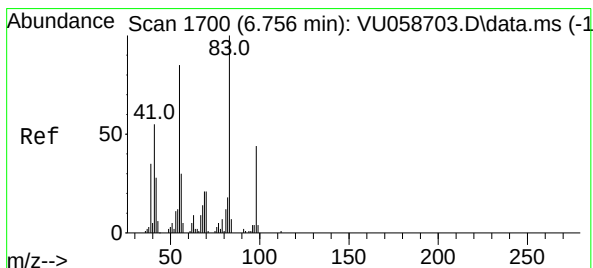
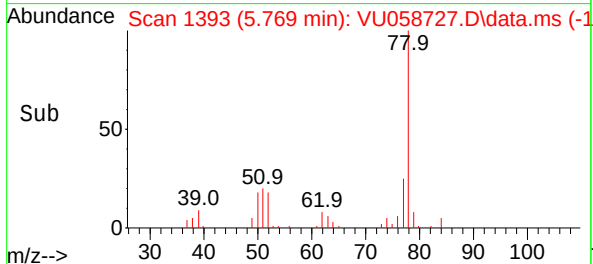
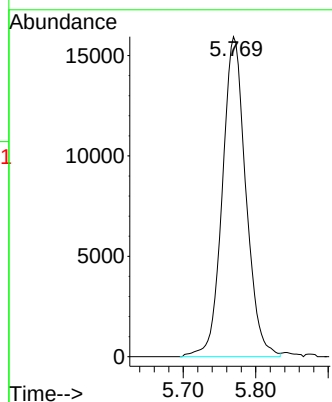
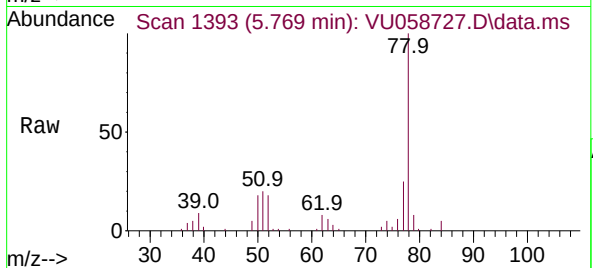




#33
Benzene
Concen: 1.294 ug/L
RT: 5.769 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

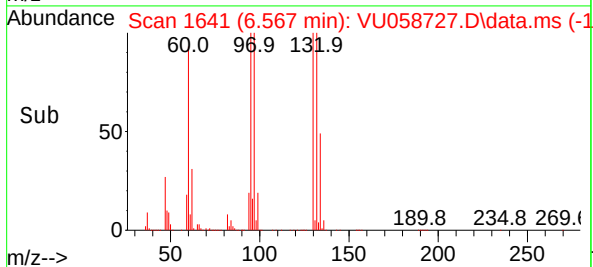
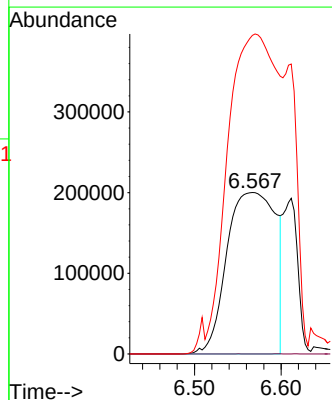
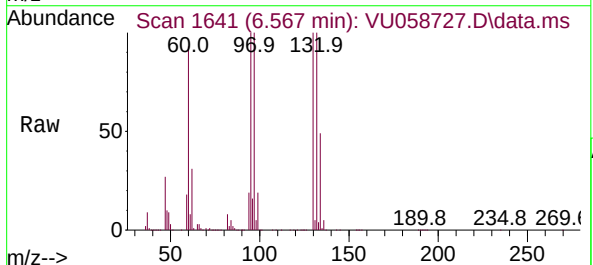
Instrument :
MSVOA_U
ClientSampleId :

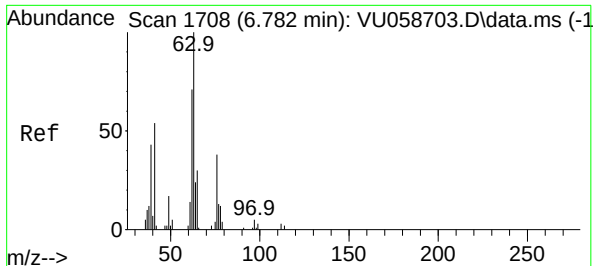
Tgt Ion: 78 Resp: 35900



#35
Methylcyclohexane
Concen: 74.328 ug/L
RT: 6.567 min Scan# 1641
Delta R.T. -0.189 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

Tgt Ion: 83 Resp: 783215
Ion Ratio Lower Upper
83 100
55 1.3 66.2 99.4#
98 191.6 34.6 52.0#

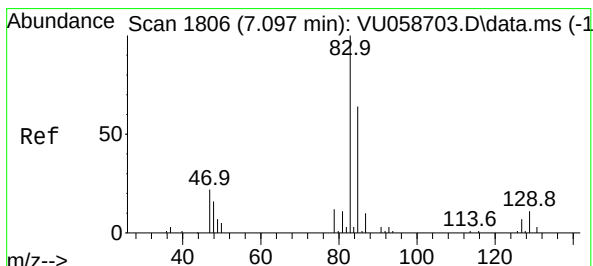
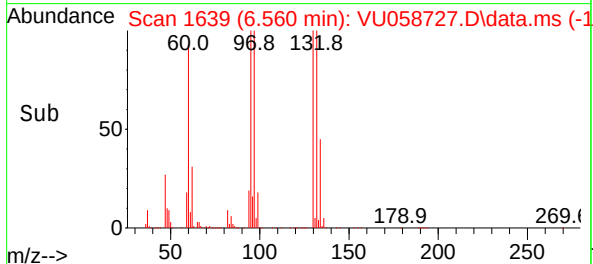
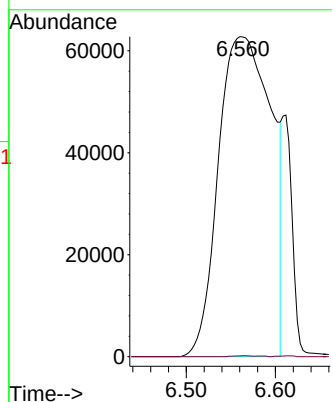
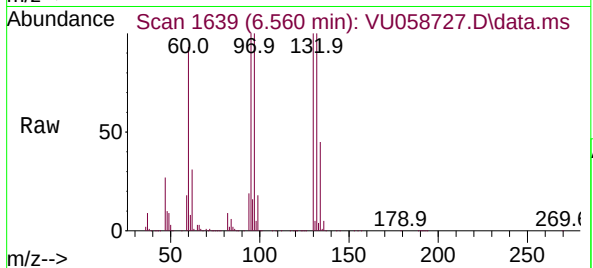




#37
1,2-Dichloropropane
Concen: 35.443 ug/L
RT: 6.560 min Scan# 11
Delta R.T. -0.221 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

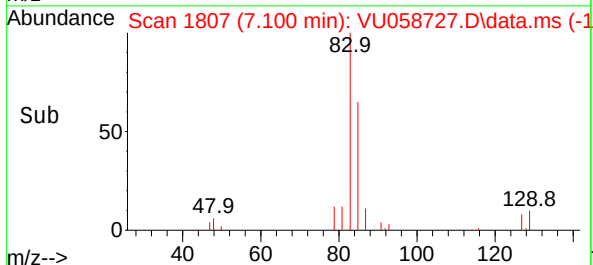
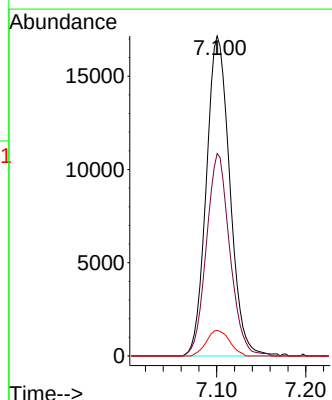
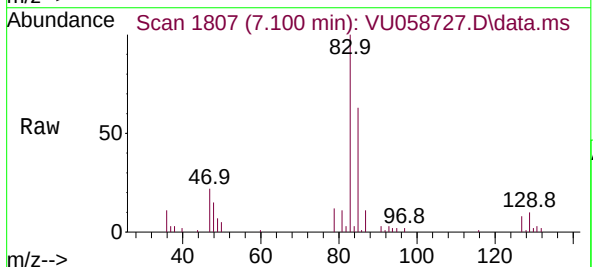
Instrument :
MSVOA_U
ClientSampleId :

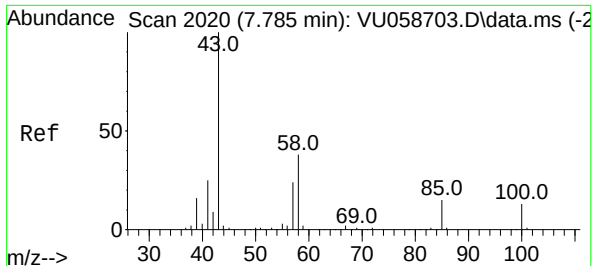
Tgt Ion: 63 Resp: 258732
Ion Ratio Lower Upper
63 100
112 0.1 2.6 4.0#



#38
Bromodichloromethane
Concen: 3.770 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.004 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

Tgt Ion: 83 Resp: 31415
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
127 8.0 6.5 9.7

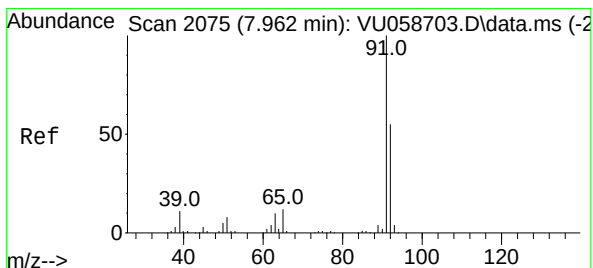
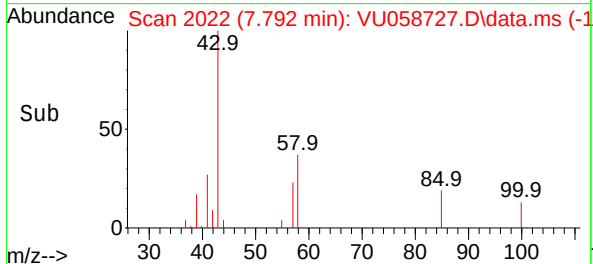
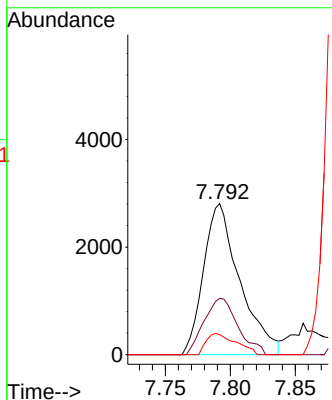
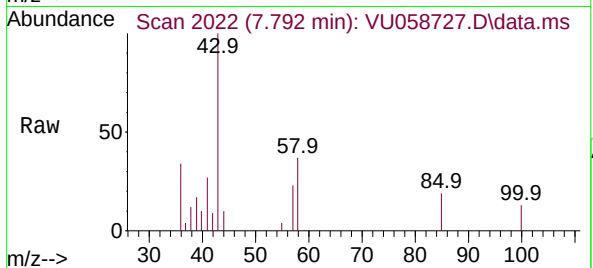




#40
4-Methyl-2-pentanone
Concen: 1.586 ug/L
RT: 7.792 min Scan# 2020
Delta R.T. 0.007 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

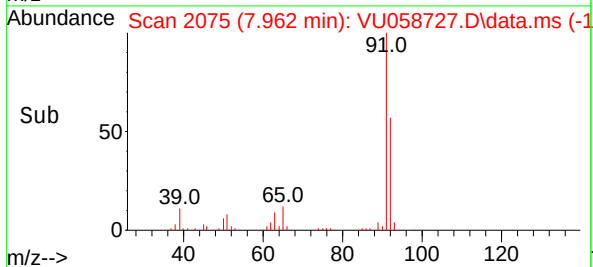
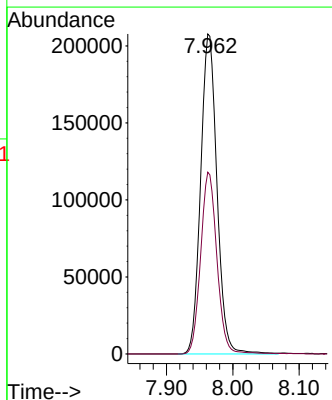
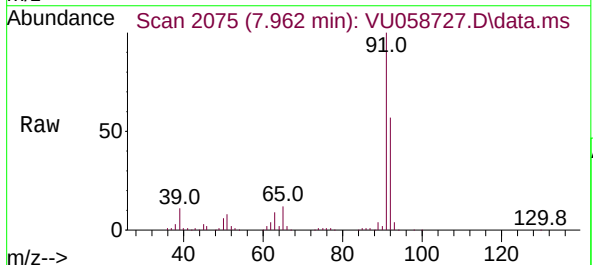
Instrument :
MSVOA_U
ClientSampleId :

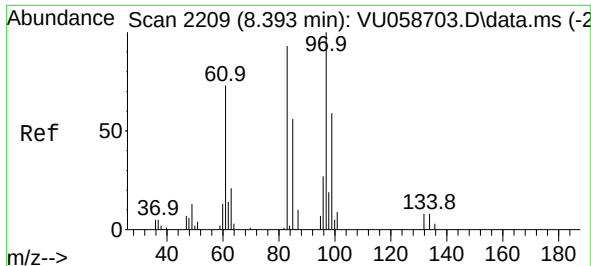
Tgt Ion: 43 Resp: 5448
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6
100 0.0 10.3 15.5#



#42
Toluene
Concen: 12.241 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

Tgt Ion: 91 Resp: 356225
Ion Ratio Lower Upper
91 100
92 56.8 39.5 73.3

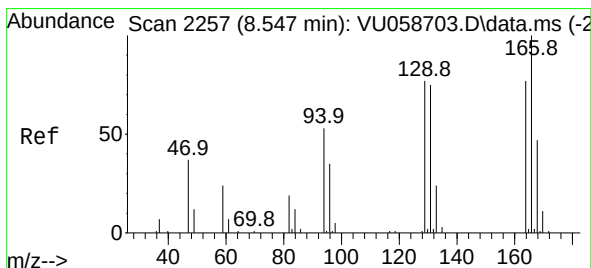
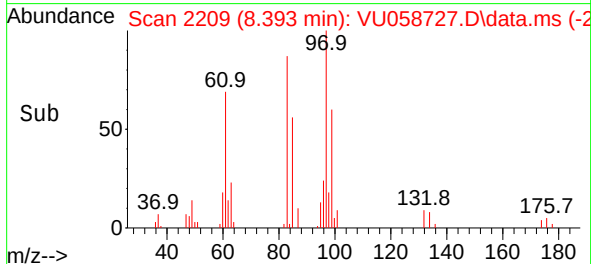
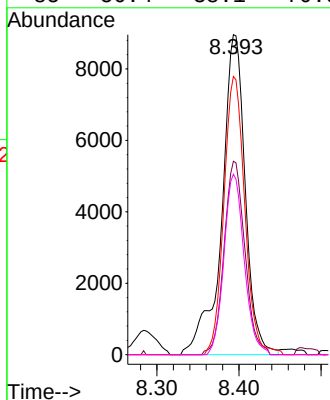
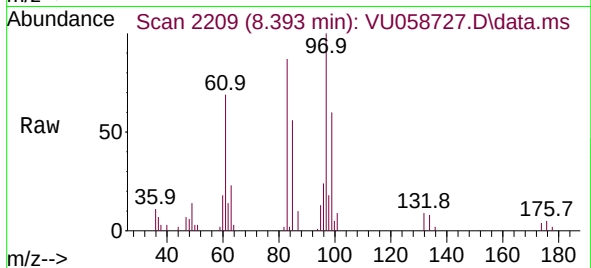




#45
1,1,2-Trichloroethane
Concen: 4.197 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

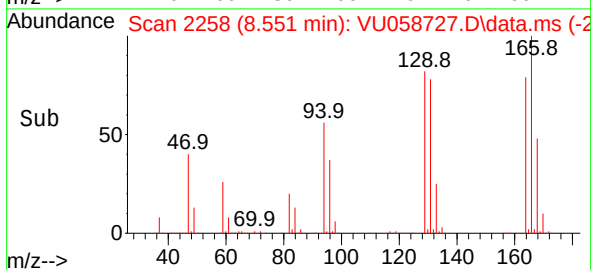
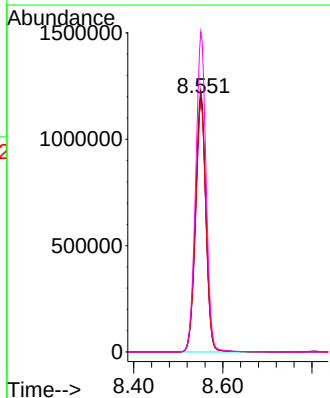
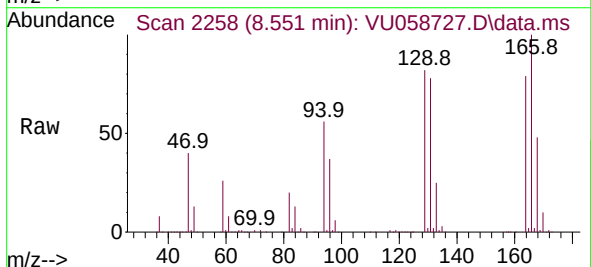
Instrument :
MSVOA_U
ClientSampleId :

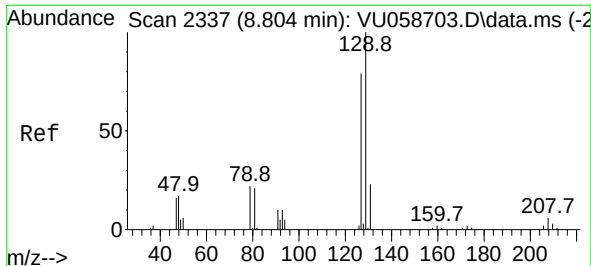
Tgt Ion:	97	Resp:	17893
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.7	81.1
83	87.0	64.5	119.7
85	56.4	38.1	70.9



#47
Tetrachloroethene
Concen: 381.810 ug/L
RT: 8.551 min Scan# 2258
Delta R.T. 0.004 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

Tgt Ion:	164	Resp:	1957568
Ion	Ratio	Lower	Upper
164	100		
129	103.2	67.3	125.1
131	98.6	65.5	121.6
166	126.0	89.5	166.1





#49

Dibromochloromethane

Concen: 406.335 ug/L

RT: 8.551 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

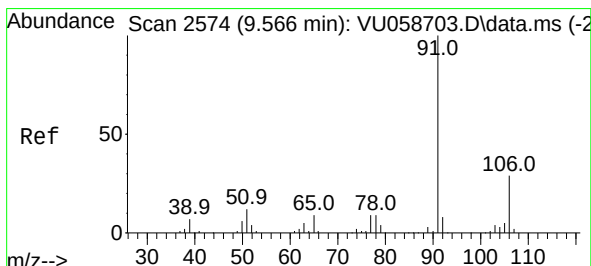
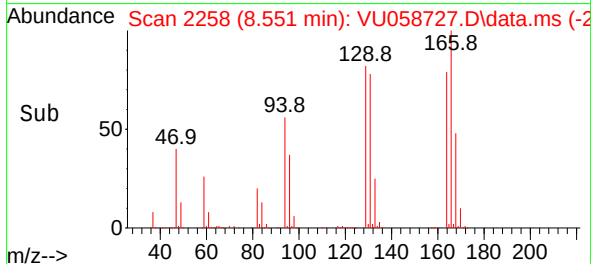
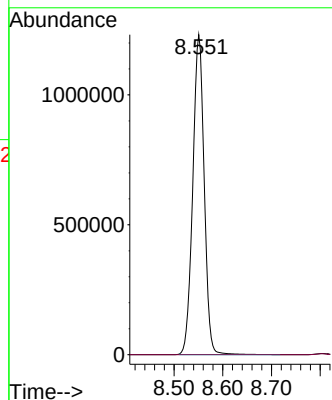
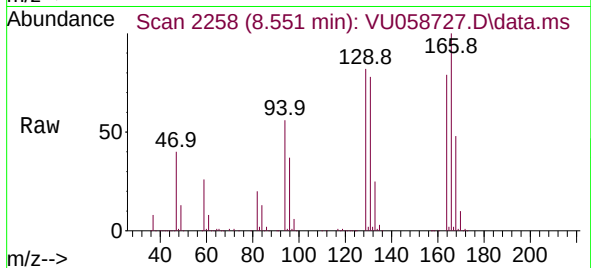
ClientSampleId :

Tgt Ion:129 Resp: 2002861

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#52

Ethylbenzene

Concen: 33.892 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU058727.D

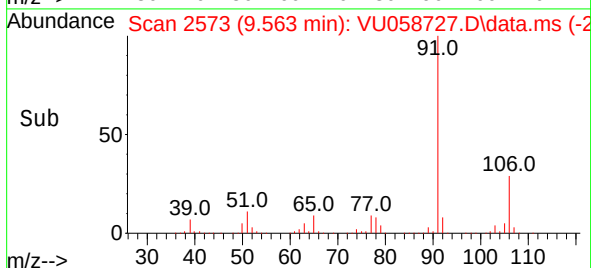
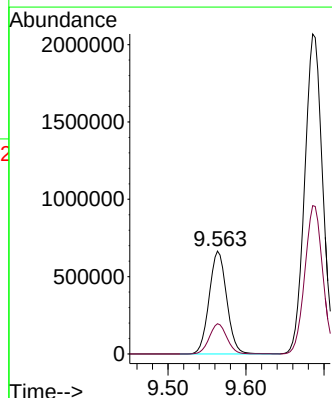
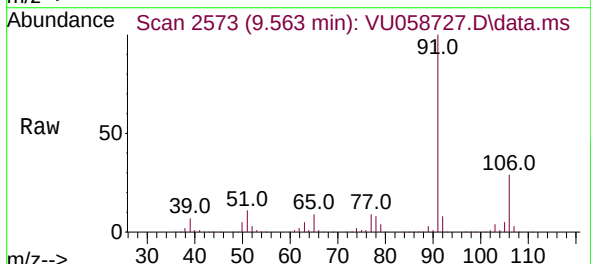
Acq: 16 Apr 2024 19:36

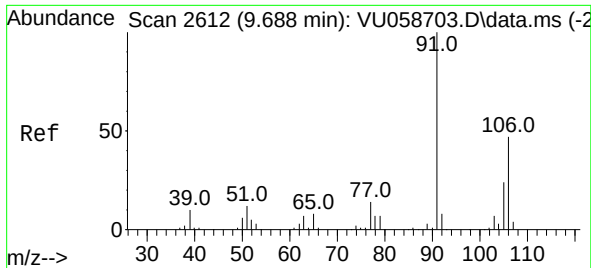
Tgt Ion: 91 Resp: 1044955

Ion Ratio Lower Upper

91 100

106 29.4 20.6 38.4





#53

m,p-Xylene

Concen: 139.526 ug/L

RT: 9.686 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

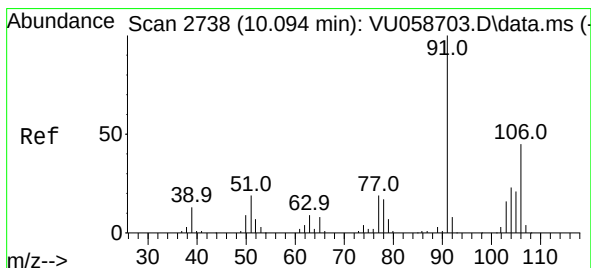
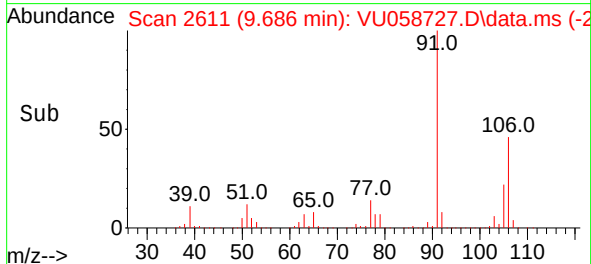
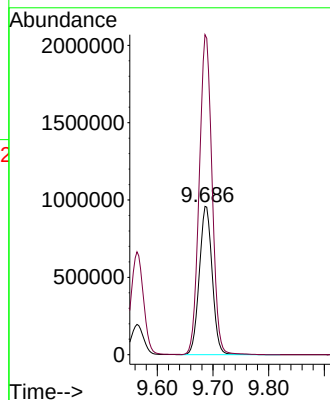
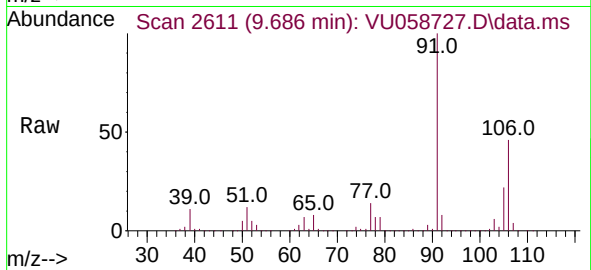
ClientSampleId :

Tgt Ion:106 Resp: 1540403

Ion Ratio Lower Upper

106 100

91 215.8 147.8 274.4



#54

o-Xylene

Concen: 106.101 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058727.D

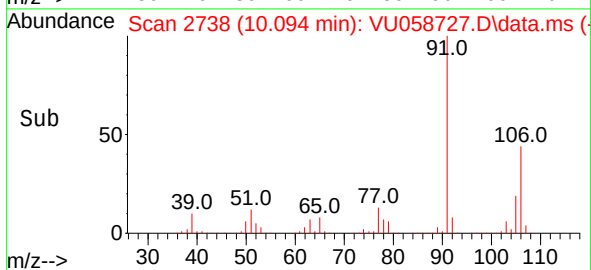
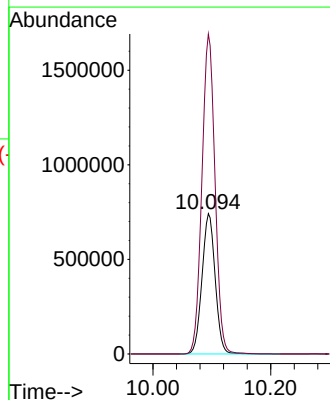
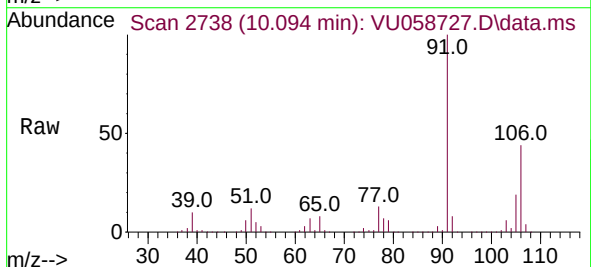
Acq: 16 Apr 2024 19:36

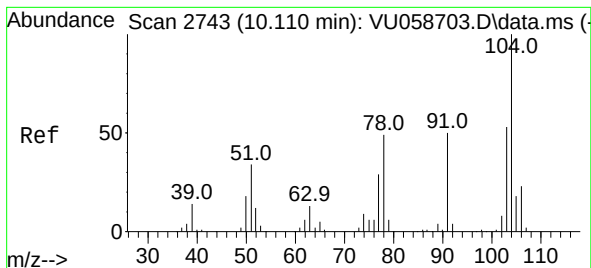
Tgt Ion:106 Resp: 1148408

Ion Ratio Lower Upper

106 100

91 228.1 156.9 291.5





#55

Styrene

Concen: 3.330 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.016 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

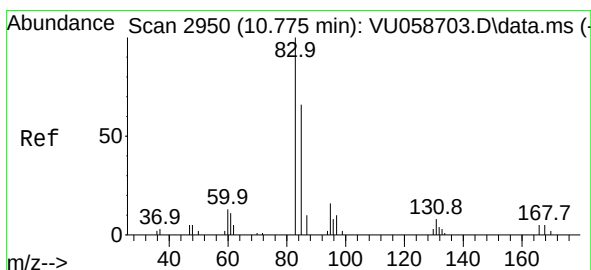
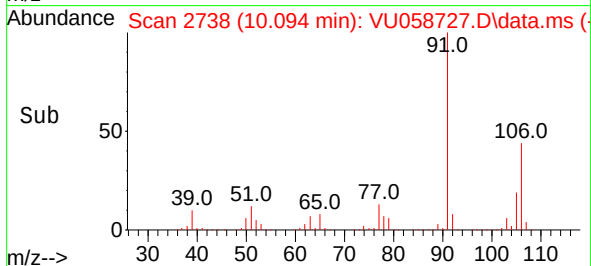
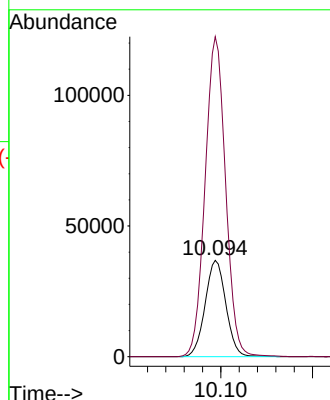
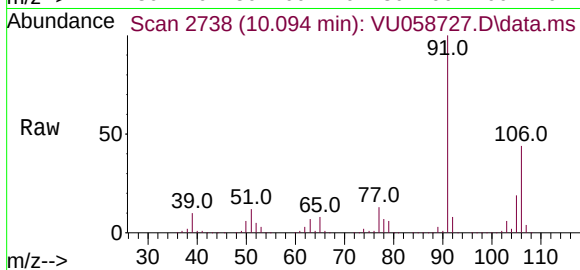
ClientSampleId :

Tgt Ion:104 Resp: 57985

Ion Ratio Lower Upper

104 100

78 332.2 33.9 63.0#



#57

1,1,2,2-Tetrachloroethane

Concen: 1.162 ug/L

RT: 10.776 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

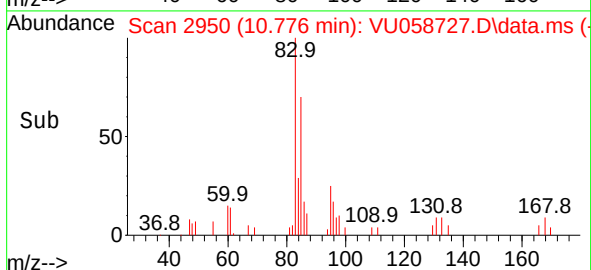
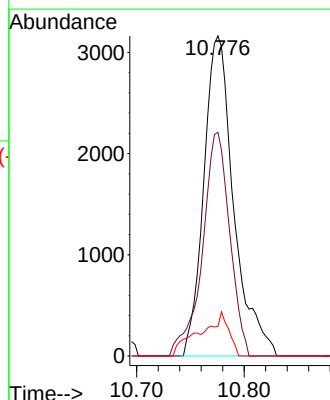
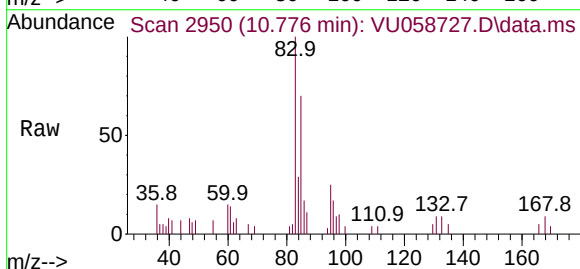
Tgt Ion: 83 Resp: 6109

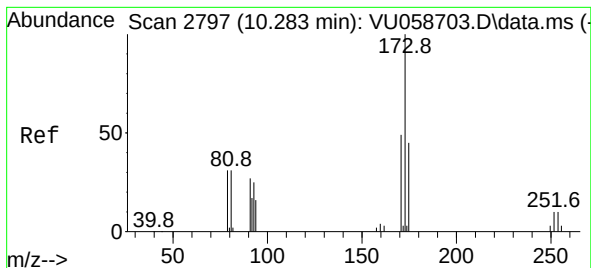
Ion Ratio Lower Upper

83 100

85 69.9 45.1 83.7

131 9.2 6.9 10.3





#59

Bromoform

Concen: 0.742 ug/L

RT: 10.284 min Scan# 21

Delta R.T. 0.000 min

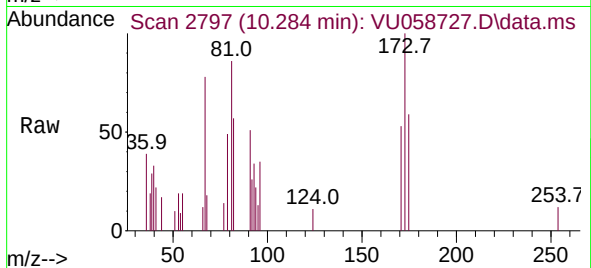
Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

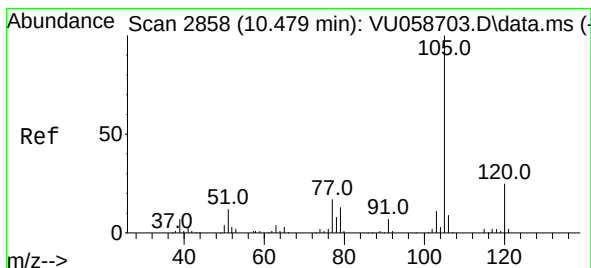
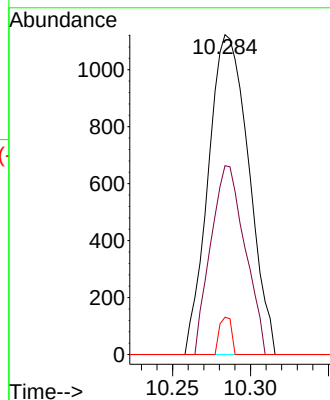
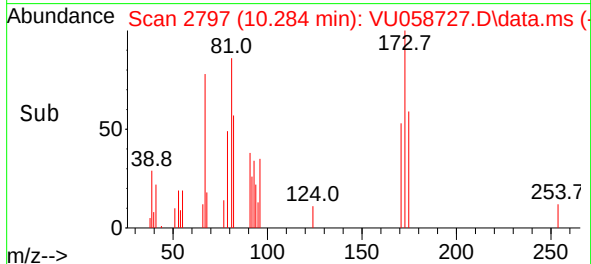
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	173	Resp:	2025
Ion Ratio	Lower	Upper	
173	100		
175	49.8	38.0	57.0
254	3.5	7.5	11.3#



#60

Isopropylbenzene

Concen: 9.926 ug/L

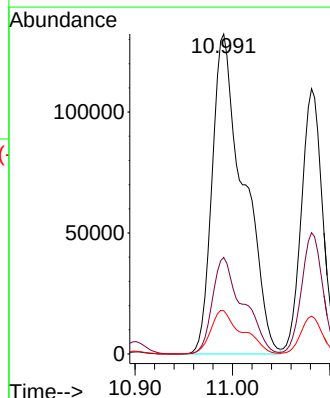
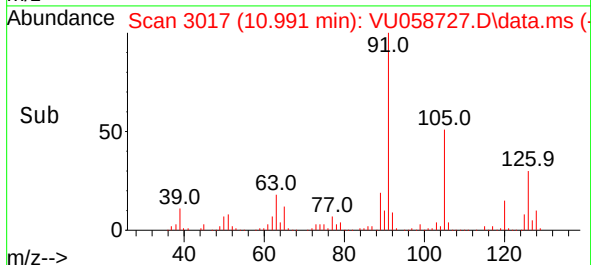
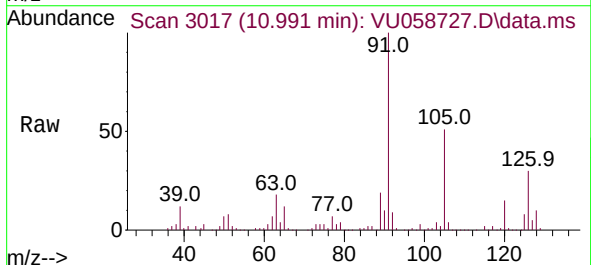
RT: 10.991 min Scan# 3017

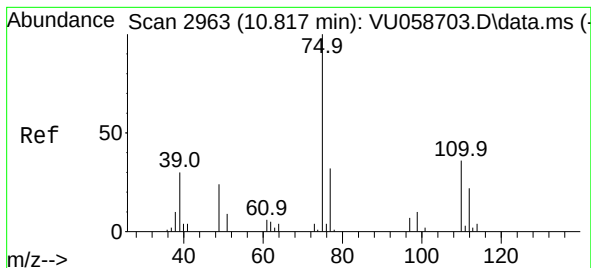
Delta R.T. 0.512 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Tgt Ion:	105	Resp:	296879
Ion Ratio	Lower	Upper	
105	100		
120	29.4	20.2	30.4
77	13.7	13.5	20.3





#61

1,2,3-Trichloropropane

Concen: 6.065 ug/L

RT: 10.981 min Scan# 3014

Delta R.T. 0.164 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

ClientSampleId :

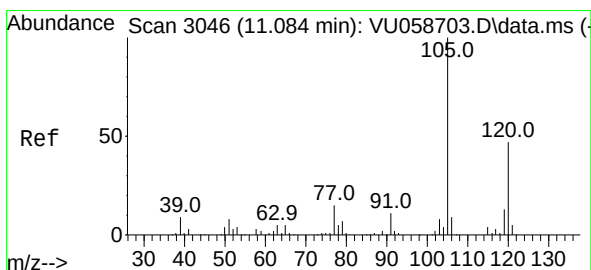
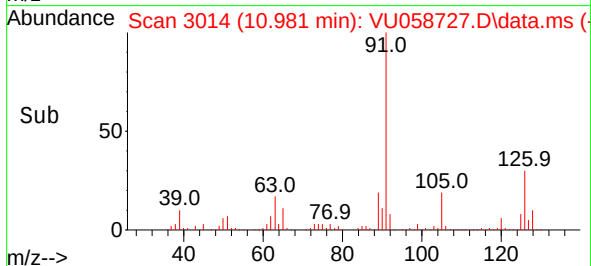
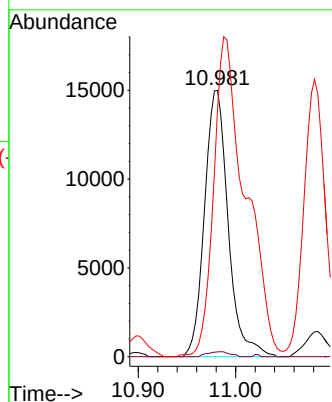
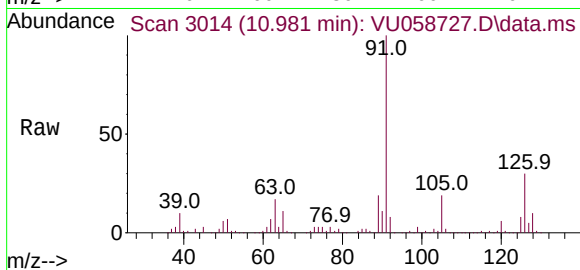
Tgt Ion: 75 Resp: 25284

Ion Ratio Lower Upper

75 100

110 1.8 25.8 38.6#

77 161.3 25.1 37.7#



#62

1,3,5-Trimethylbenzene

Concen: 6.781 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU058727.D

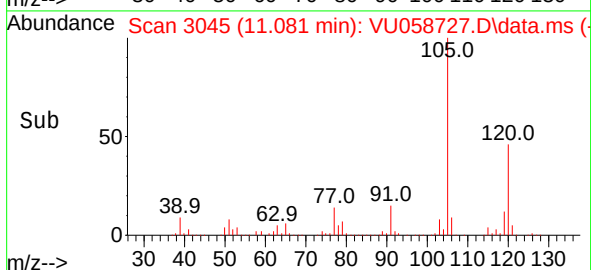
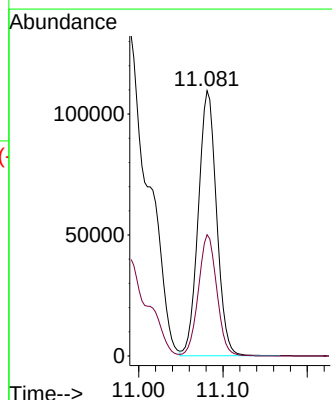
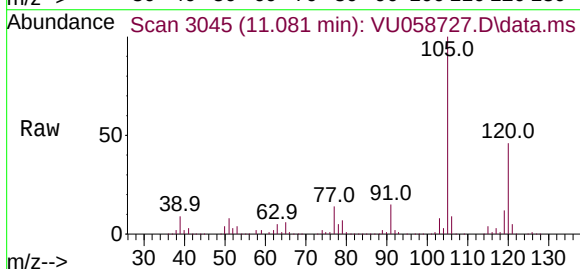
Acq: 16 Apr 2024 19:36

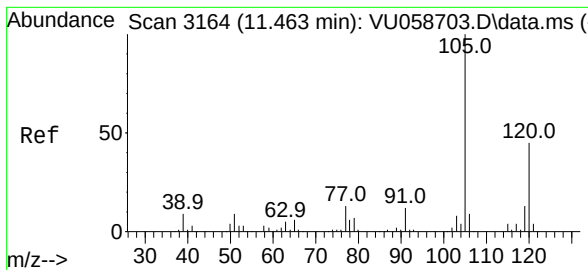
Tgt Ion:105 Resp: 165404

Ion Ratio Lower Upper

105 100

120 46.1 37.2 55.8

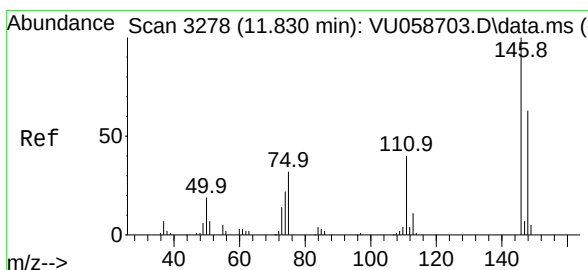
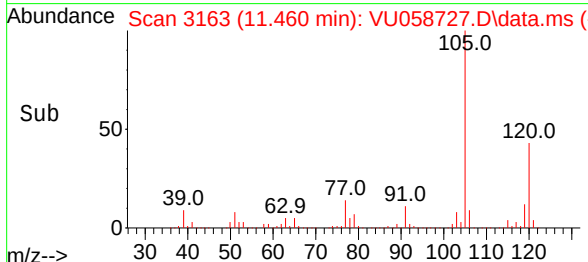
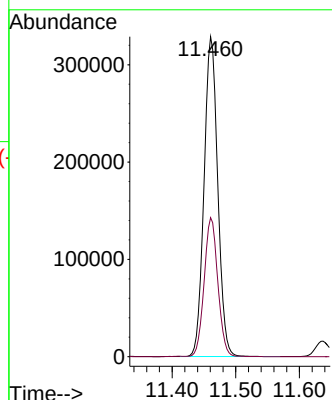
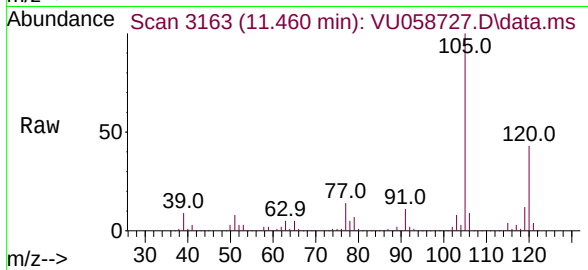




#63
1,2,4-Trimethylbenzene
Concen: 19.740 ug/L
RT: 11.460 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

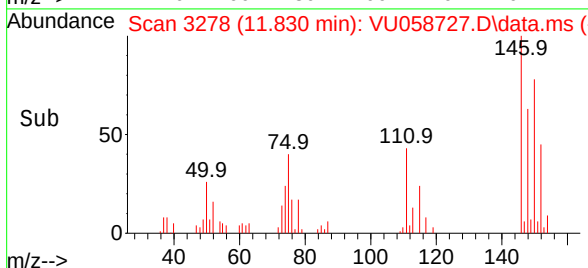
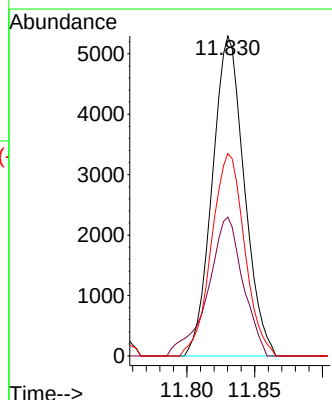
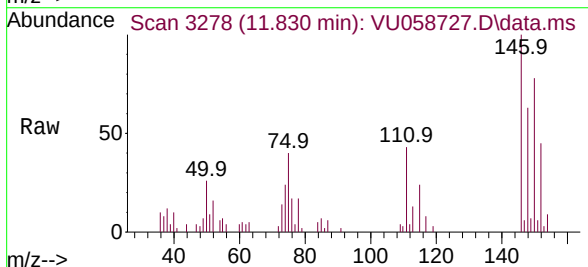
Instrument :
MSVOA_U
ClientSampleId :

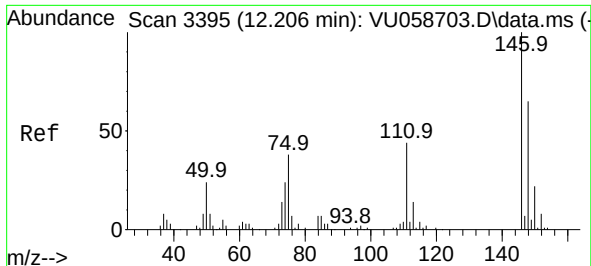
Tgt Ion:105 Resp: 491639
Ion Ratio Lower Upper
105 100
120 43.3 34.7 52.1



#65
1,4-Dichlorobenzene
Concen: 0.613 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058727.D
Acq: 16 Apr 2024 19:36

Tgt Ion:146 Resp: 8672
Ion Ratio Lower Upper
146 100
111 43.4 28.8 53.6
148 63.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 8.688 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

ClientSampleId :

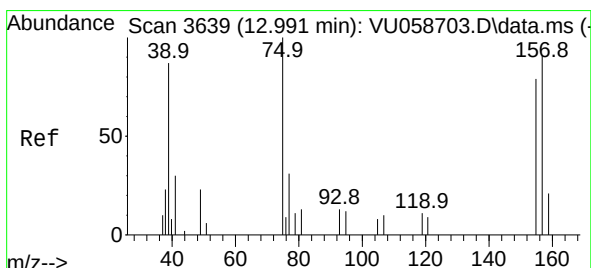
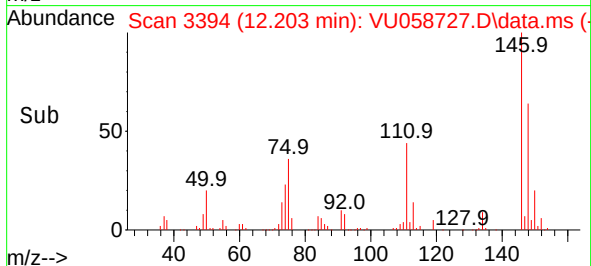
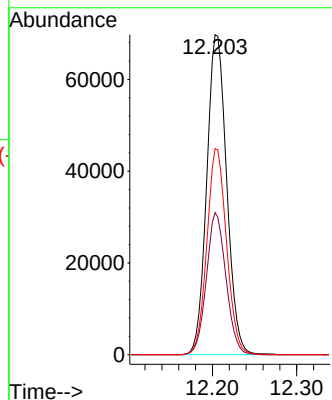
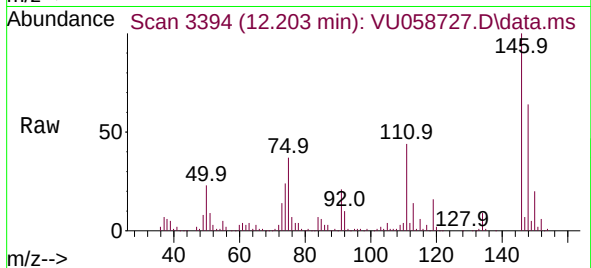
Tgt Ion:146 Resp: 114824

Ion Ratio Lower Upper

146 100

111 44.4 35.0 52.4

148 64.4 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.895 ug/L

RT: 12.869 min Scan# 3601

Delta R.T. -0.122 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

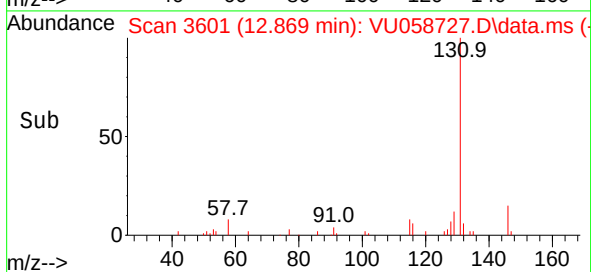
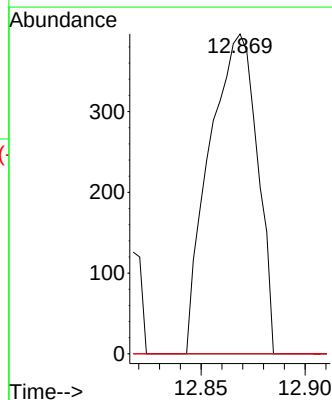
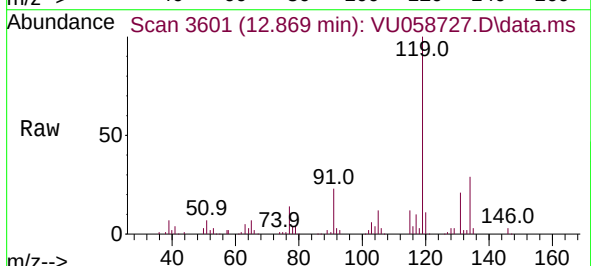
Tgt Ion: 75 Resp: 633

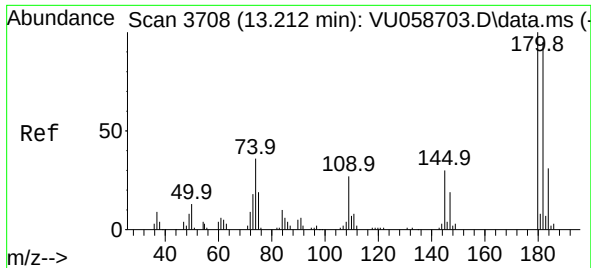
Ion Ratio Lower Upper

75 100

155 0.0 61.4 92.0#

157 0.0 81.7 122.5#





#69

1,3,5-Trichlorobenzene

Concen: 0.149 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.627 min

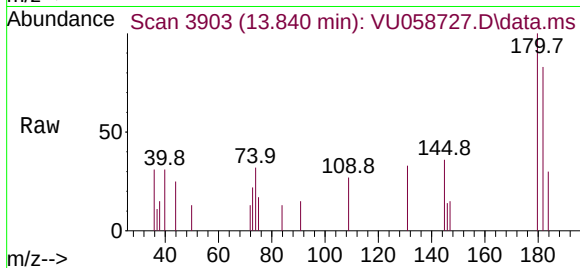
Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1596

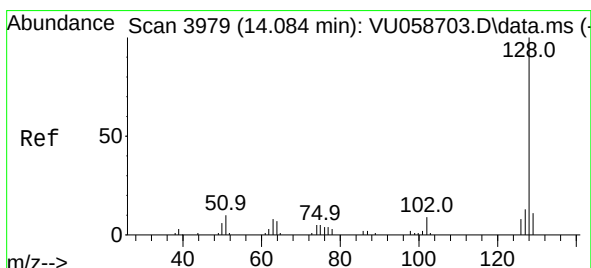
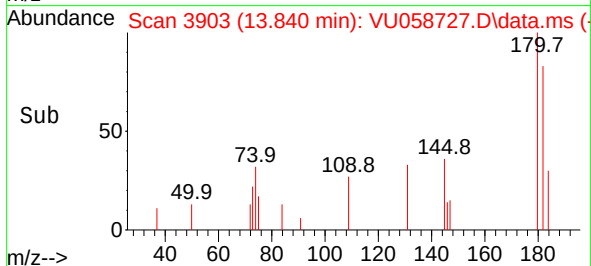
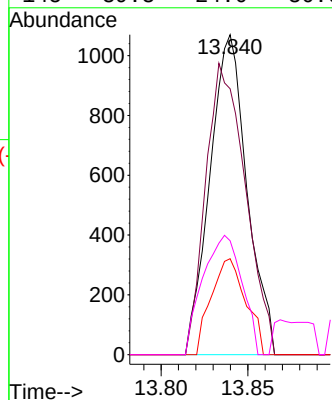
Ion Ratio Lower Upper

180 100

182 97.1 75.7 113.5

184 28.0 24.3 36.5

145 39.3 24.0 36.0#



#71

Naphthalene

Concen: 2.287 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU058727.D

Acq: 16 Apr 2024 19:36

Tgt Ion:128 Resp: 25964

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 12.9 11.0 16.6

