

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057611.D
 Acq On : 24 Jan 2024 09:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:50:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 01:55:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	62430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	56867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17123	4.978	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.914	69	13999	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.566	65	8046	4.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.640	46	34928	53.827	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.660%
24) Chloroform-d	5.058	84	36276	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.695	65	16683	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.724	84	68691	5.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.685	67	21286	5.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.894	98	64350	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.177	79	8254	5.147	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.630	63	26255	51.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	14432	5.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	20170	5.301	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	27916	5.277	ug/L	100
3) Chloromethane	1.518	50	26956	5.093	ug/L	99
5) Vinyl chloride	1.602	62	29810	5.291	ug/L	100
6) Bromomethane	1.856	94	15689	5.341	ug/L	96
8) Chloroethane	1.933	64	17792	5.273	ug/L	94
9) Trichlorofluoromethane	2.139	101	46120	5.496	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	25906	5.311	ug/L	99
12) 1,1-Dichloroethene	2.579	96	23319	5.140	ug/L	97
13) Acetone	2.663	43	30077	48.778	ug/L	98
14) Carbon disulfide	2.792	76	75871	5.158	ug/L	100
15) Methyl Acetate	2.959	43	8147	5.135	ug/L	95
16) Methylene chloride	3.042	84	24806	5.093	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	56663	5.252	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	25459	5.327	ug/L	97
19) 1,1-Dichloroethane	3.862	63	46711	5.293	ug/L	98
21) 2-Butanone	4.717	43	47322	48.927	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	27504	5.353	ug/L	99
23) Bromochloromethane	4.968	128	11030	5.344	ug/L	99
25) Chloroform	5.081	83	48251	5.153	ug/L	98

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:50:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 01:55:34 2024
 Response via : Initial Calibration

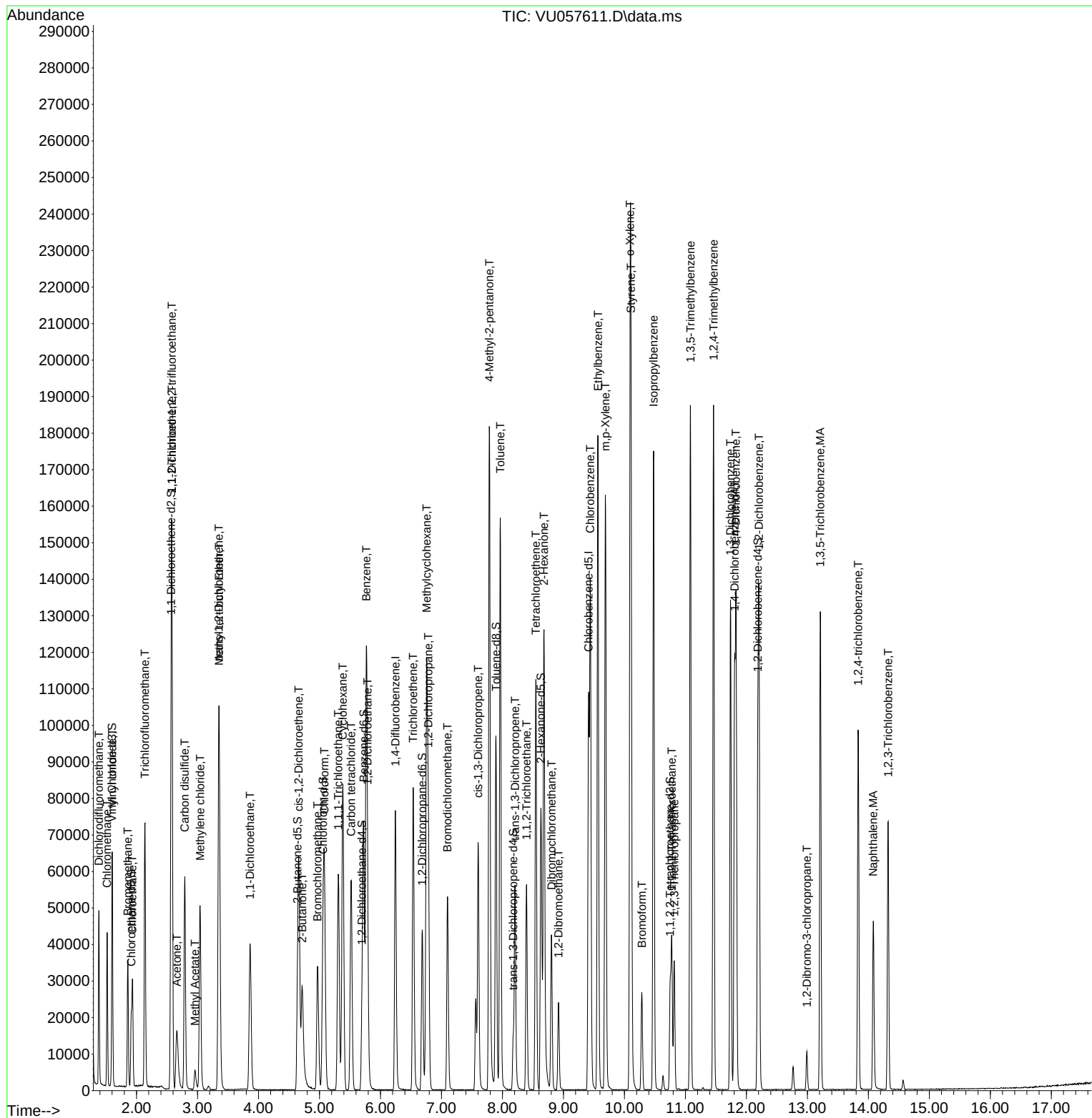
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	29699	5.445	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	43946	5.265	ug/L	99
30) Cyclohexane	5.383	56	43369	5.385	ug/L	99
31) Carbon tetrachloride	5.518	117	39053	5.303	ug/L	98
33) Benzene	5.769	78	105700	5.419	ug/L	100
34) Trichloroethene	6.537	95	28711	5.339	ug/L	98
35) Methylcyclohexane	6.759	83	47379	5.454	ug/L	98
37) 1,2-Dichloropropane	6.785	63	26367	5.404	ug/L	99
38) Bromodichloromethane	7.100	83	34667	5.279	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	40134	5.292	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	121494	52.177	ug/L	100
42) Toluene	7.965	91	113079	5.377	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	32332	5.246	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	16772	5.284	ug/L	99
47) Tetrachloroethene	8.550	164	24082	6.094	ug/L	99
48) 2-Hexanone	8.682	43	86534	52.962	ug/L	99
49) Dibromochloromethane	8.804	129	21362	5.198	ug/L	99
50) 1,2-Dibromoethane	8.920	107	16202	5.260	ug/L	96
51) Chlorobenzene	9.441	112	71048	5.386	ug/L	100
52) Ethylbenzene	9.566	91	127806	5.393	ug/L	100
53) m,p-Xylene	9.688	106	46424	5.309	ug/L	93
54) o-Xylene	10.093	106	45789	5.372	ug/L	99
55) Styrene	10.110	104	69238	5.309	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	20342	5.282	ug/L	97
59) Bromoform	10.286	173	11674	5.300	ug/L	97
60) Isopropylbenzene	10.479	105	112874	5.313	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	14342	5.270	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	102309	5.404	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	103610	5.469	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	52402	5.404	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	50310	5.420	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	46297	5.351	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	2896	5.653	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	39190	5.506	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	28943	5.551	ug/L	99
71) Naphthalene	14.080	128	39445	5.344	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	22117	5.450	ug/L	98

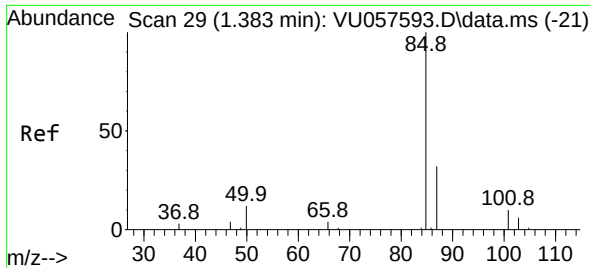
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
Data File : VU057611.D
Acq On : 24 Jan 2024 09:55
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 25 01:50:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
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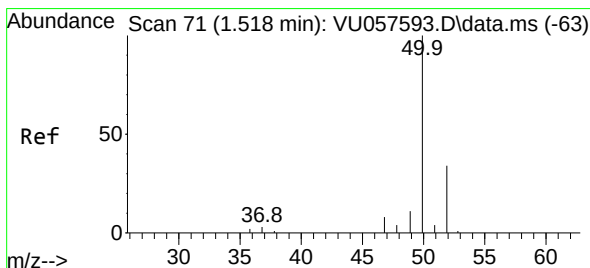
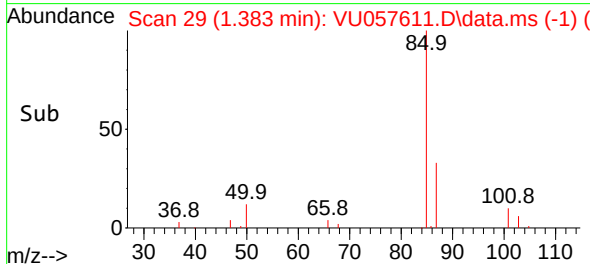
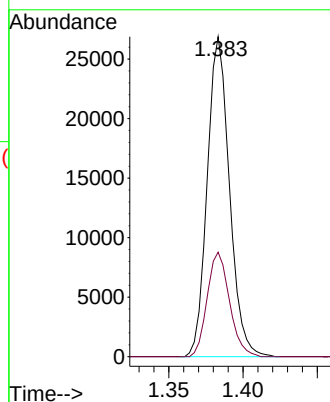
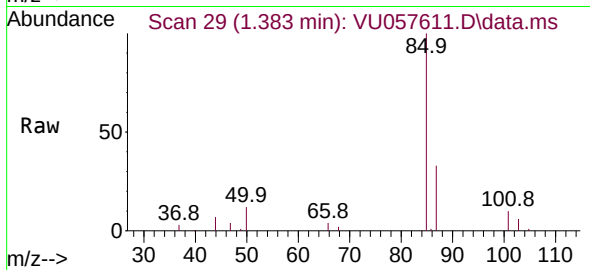




#2
 Dichlorodifluoromethane
 Concen: 5.277 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057611.D
 Acq: 24 Jan 2024 09:55

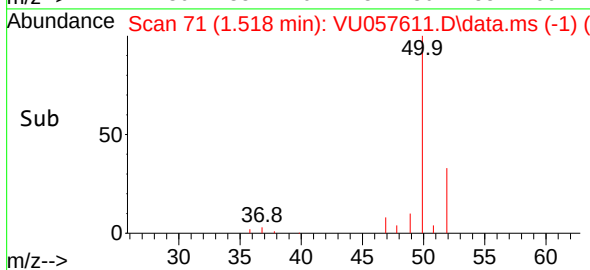
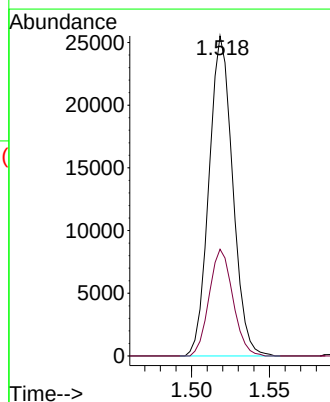
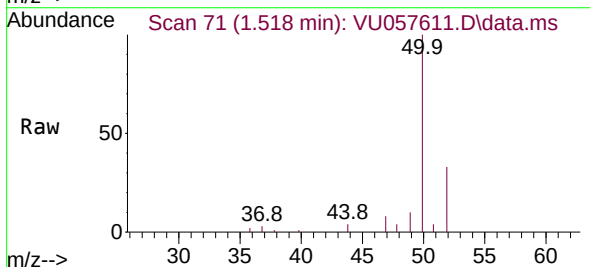
Instrument :
 MSVOA_U
 ClientSampleId :

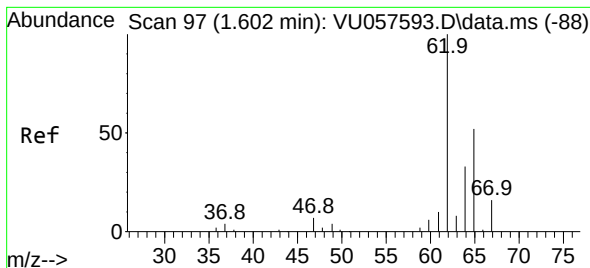
Tgt Ion: 85 Resp: 27916
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.4 39.6



#3
 Chloromethane
 Concen: 5.093 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057611.D
 Acq: 24 Jan 2024 09:55

Tgt Ion: 50 Resp: 26956
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.7 43.9





#5

Vinyl chloride

Concen: 5.291 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

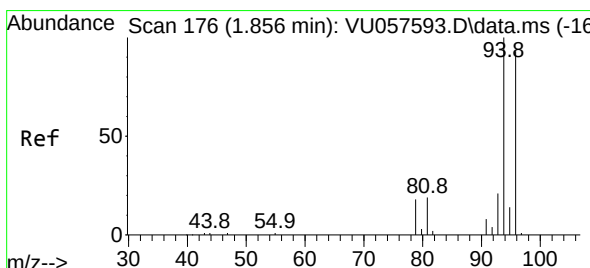
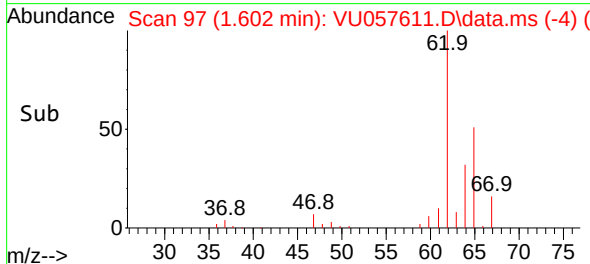
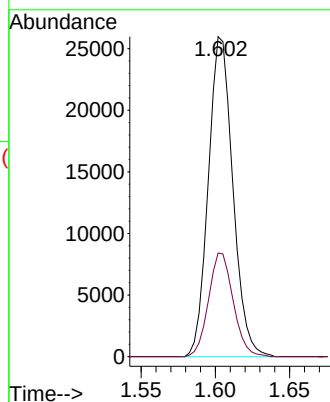
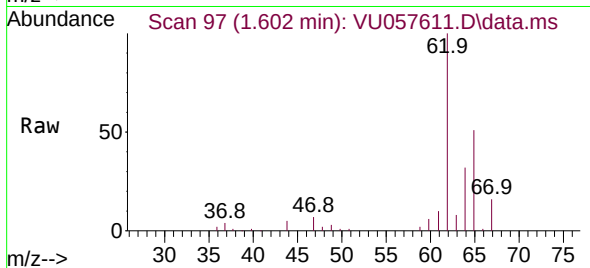
ClientSampleId :

Tgt Ion: 62 Resp: 29810

Ion Ratio Lower Upper

62 100

64 32.4 22.8 42.4



#6

Bromomethane

Concen: 5.341 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU057611.D

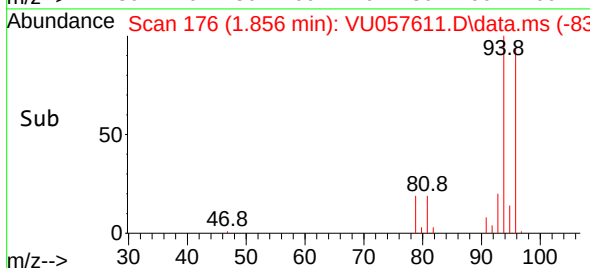
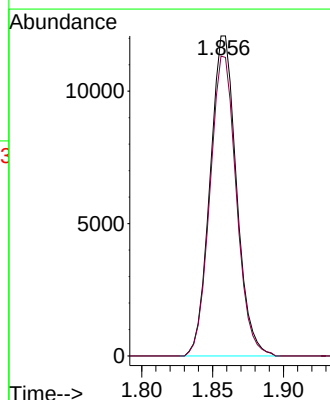
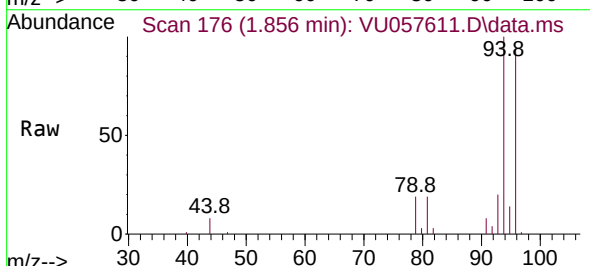
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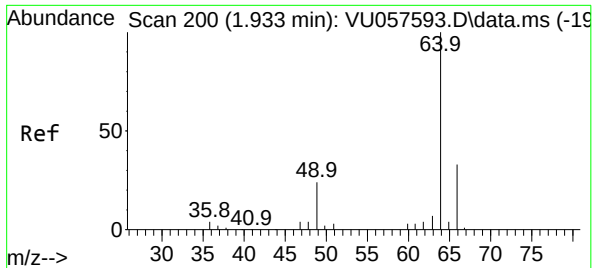
Tgt Ion: 94 Resp: 15689

Ion Ratio Lower Upper

94 100

96 93.7 68.0 126.4

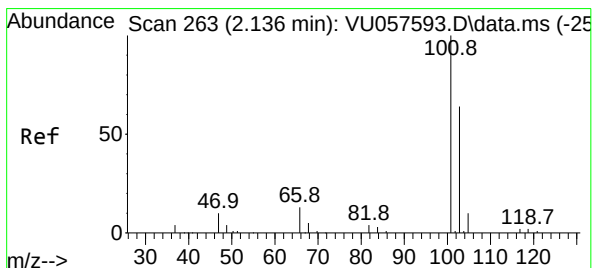
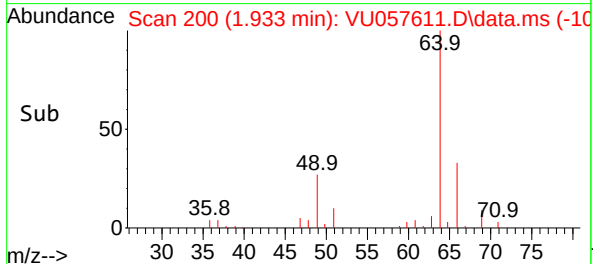
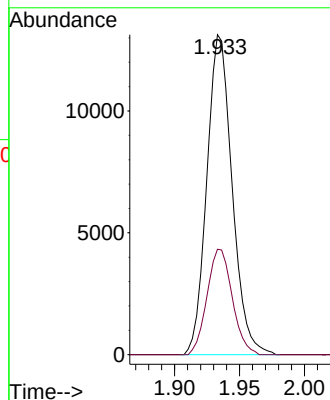
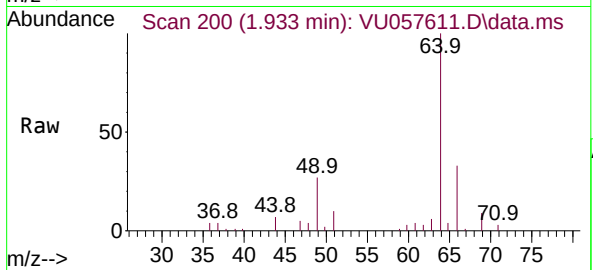




#8
Chloroethane
Concen: 5.273 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

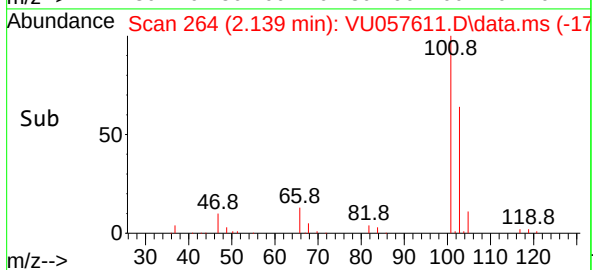
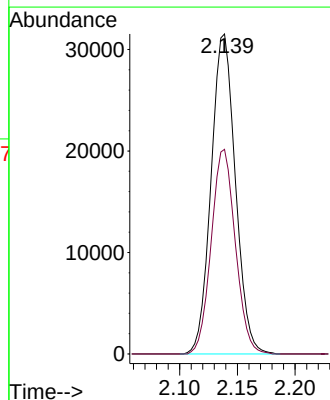
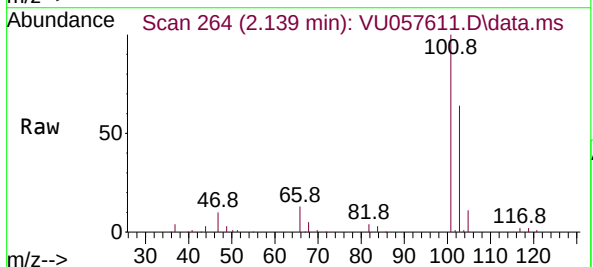
Instrument :
MSVOA_U
ClientSampleId :

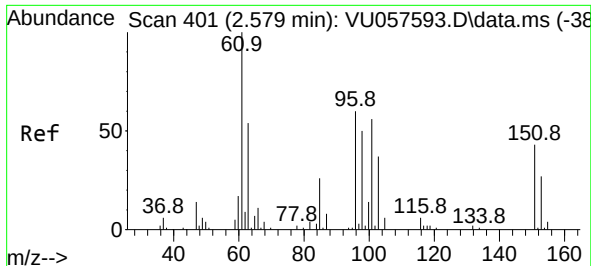
Tgt Ion: 64 Resp: 17792
Ion Ratio Lower Upper
64 100
66 31.7 24.5 45.5



#9
Trichlorofluoromethane
Concen: 5.496 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion:101 Resp: 46120
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.2

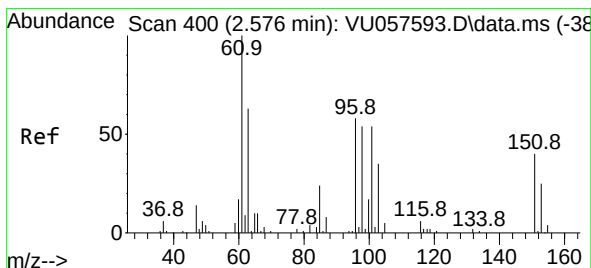
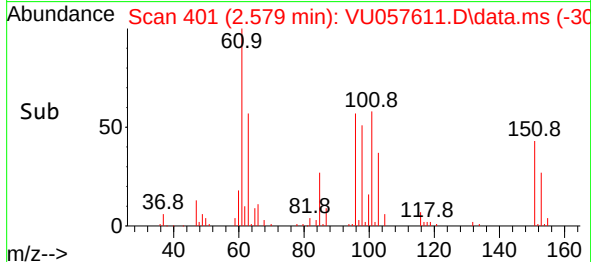
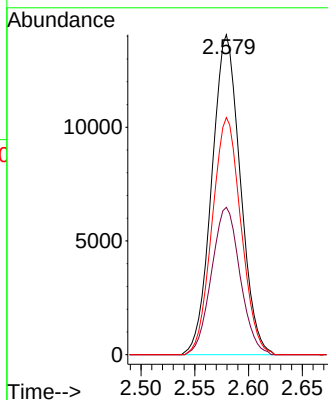
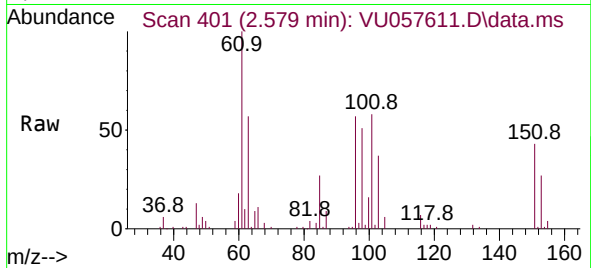




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.311 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU057611.D
 Acq: 24 Jan 2024 09:55

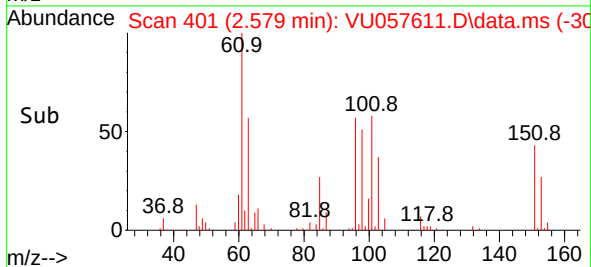
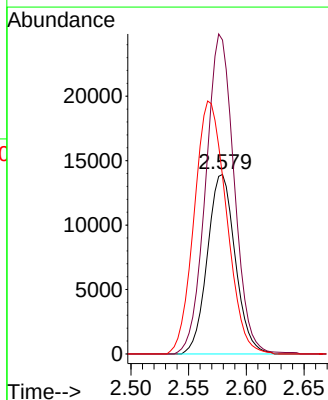
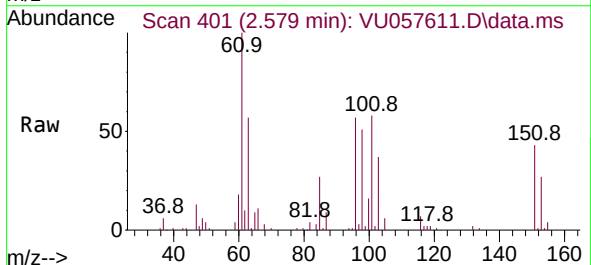
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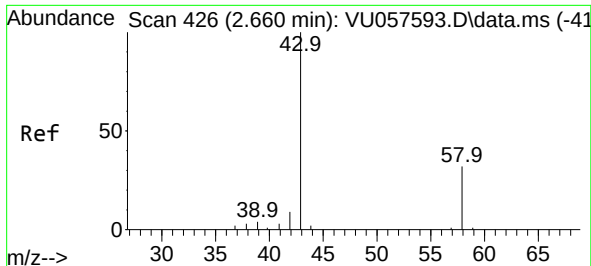
Tgt Ion:101 Resp: 25906
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.8 53.8
 151 75.0 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 5.140 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU057611.D
 Acq: 24 Jan 2024 09:55

Tgt Ion: 96 Resp: 23319
 Ion Ratio Lower Upper
 96 100
 61 174.8 120.7 224.1
 63 99.1 72.5 134.7





#13

Acetone

Concen: 48.778 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

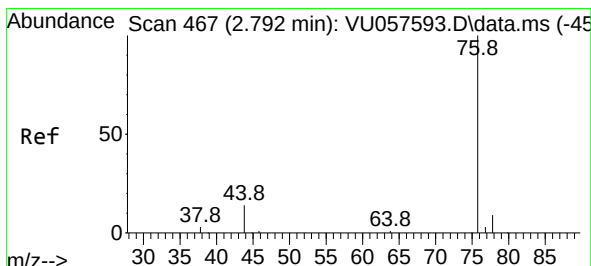
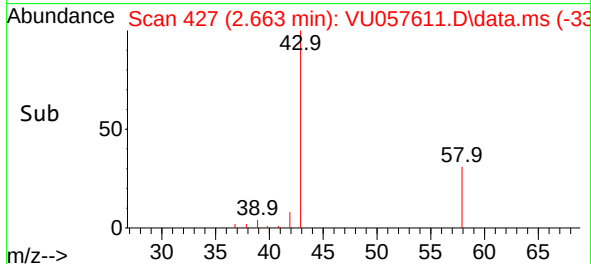
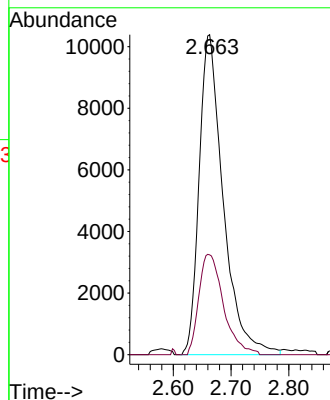
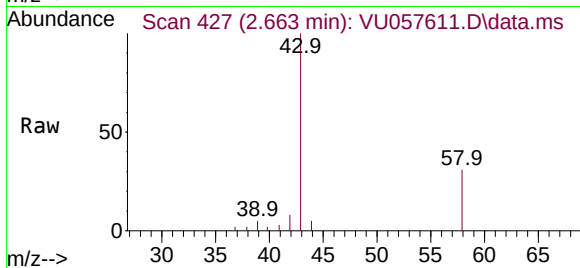
ClientSampleId :

Tgt Ion: 43 Resp: 30077

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.4



#14

Carbon disulfide

Concen: 5.158 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU057611.D

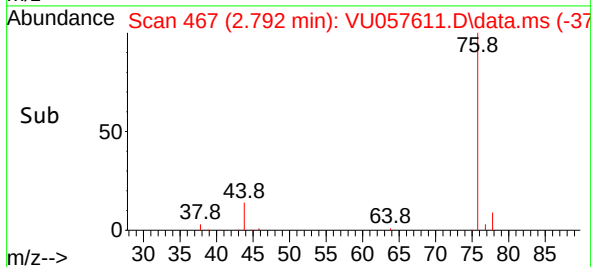
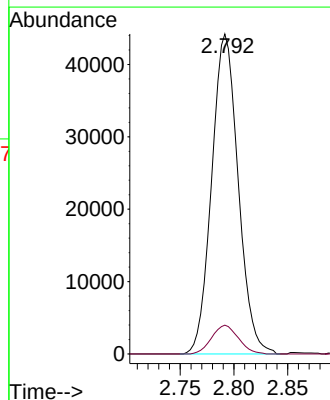
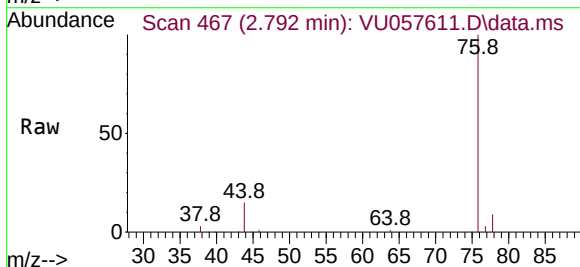
Acq: 24 Jan 2024 09:55

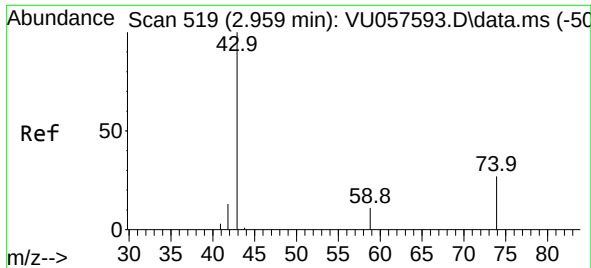
Tgt Ion: 76 Resp: 75871

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

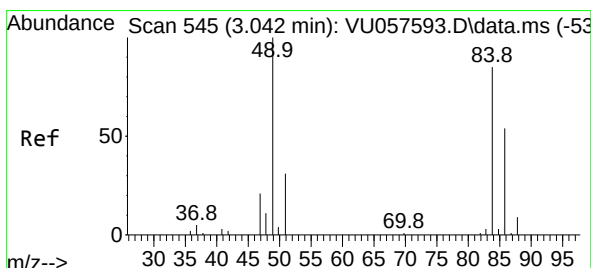
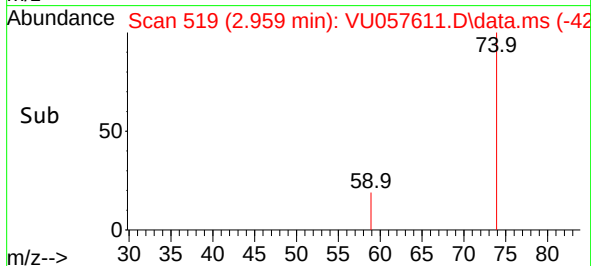
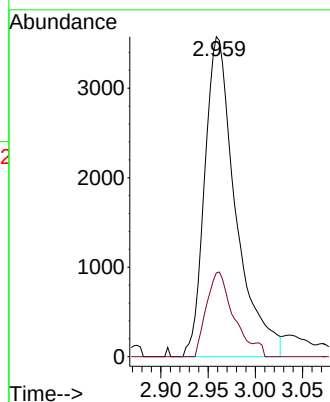
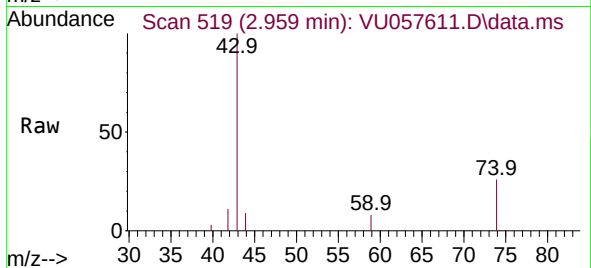




#15
Methyl Acetate
Concen: 5.135 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

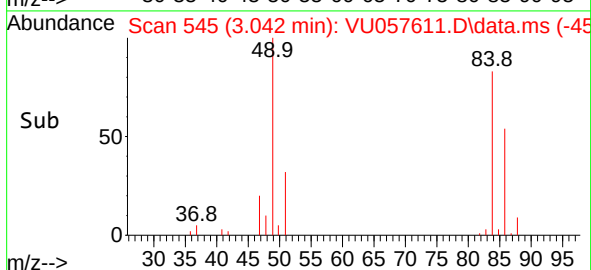
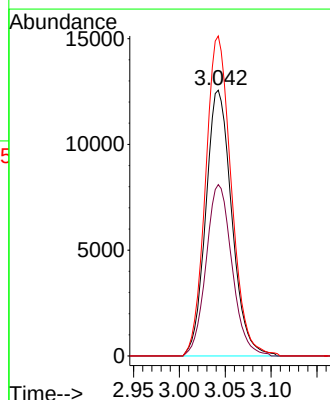
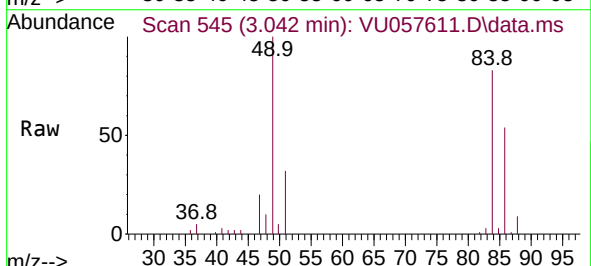
Instrument :
MSVOA_U
ClientSampleId :

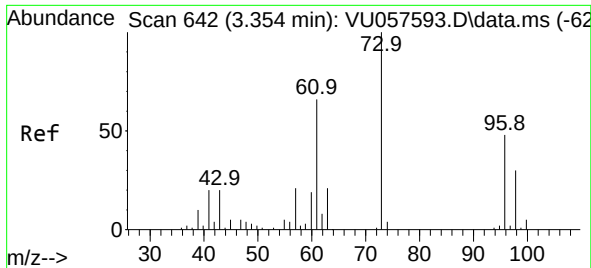
Tgt Ion: 43 Resp: 8147
Ion Ratio Lower Upper
43 100
74 23.6 20.7 31.1



#16
Methylene chloride
Concen: 5.093 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion: 84 Resp: 24806
Ion Ratio Lower Upper
84 100
86 64.5 43.5 80.9
49 125.9 82.5 153.1

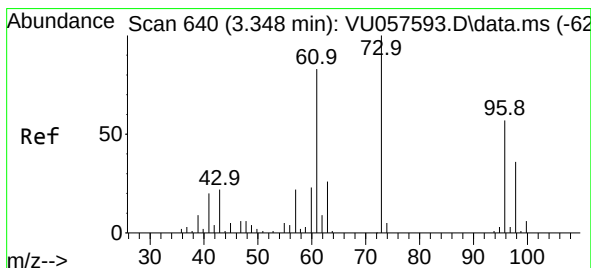
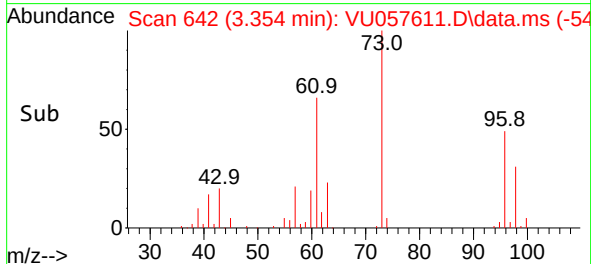
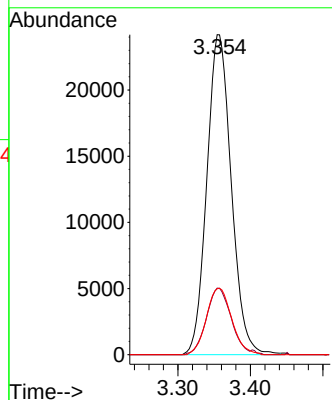
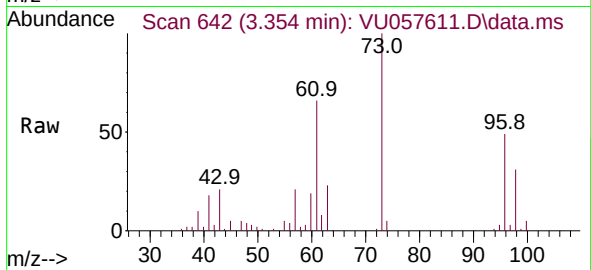




#17
Methyl tert-butyl Ether
Concen: 5.252 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

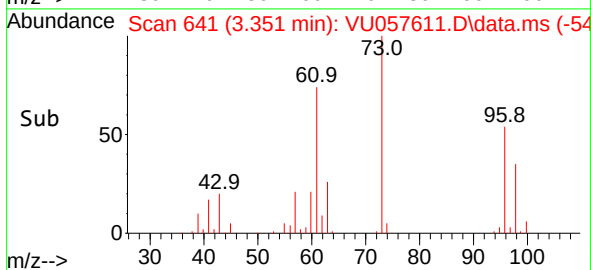
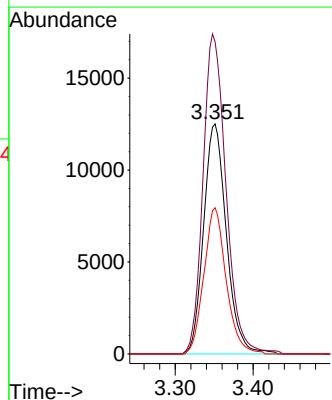
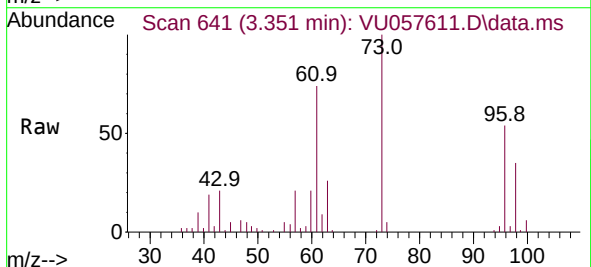
Instrument :
MSVOA_U
ClientSampleId :

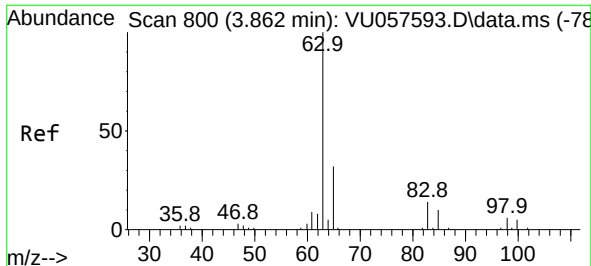
Tgt Ion: 73	Resp: 56663
Ion Ratio	Lower Upper
73 100	
43 21.3	17.3 25.9
57 21.5	17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 5.327 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion: 96	Resp: 25459
Ion Ratio	Lower Upper
96 100	
61 135.8	99.3 184.5
98 63.5	44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.293 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057611.D

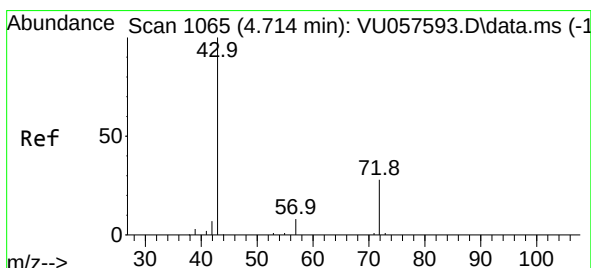
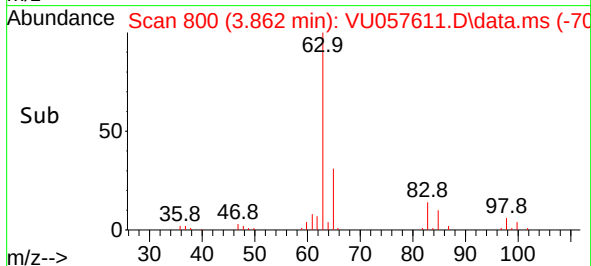
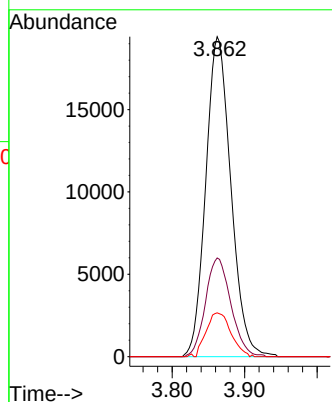
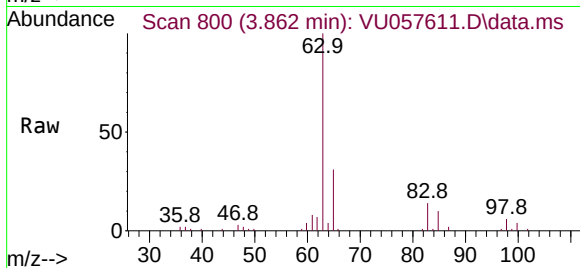
Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	46711
Ion Ratio	Lower	Upper	
63	100		
65	31.6	23.0	42.8
83	13.7	9.7	17.9



#21

2-Butanone

Concen: 48.927 ug/L

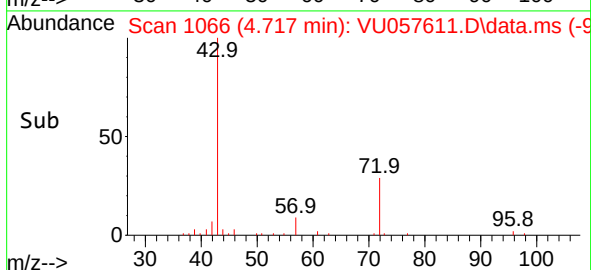
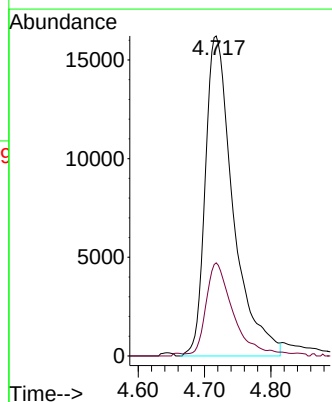
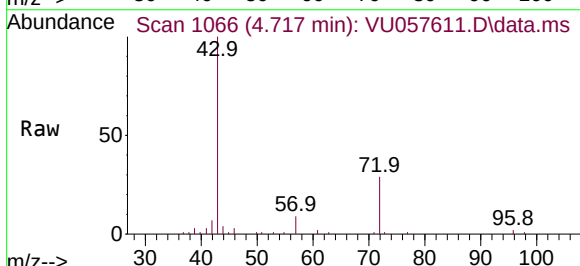
RT: 4.717 min Scan# 1066

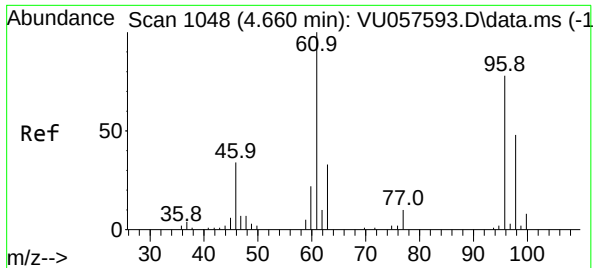
Delta R.T. 0.003 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

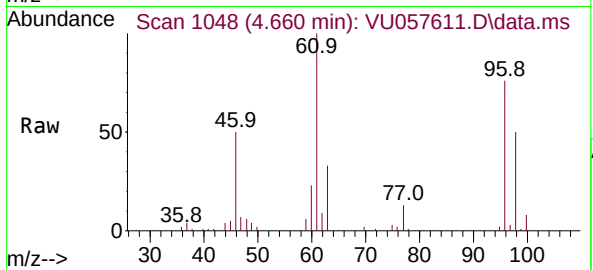
Tgt Ion:	43	Resp:	47322
Ion Ratio	Lower	Upper	
43	100		
72	27.3	14.7	44.1



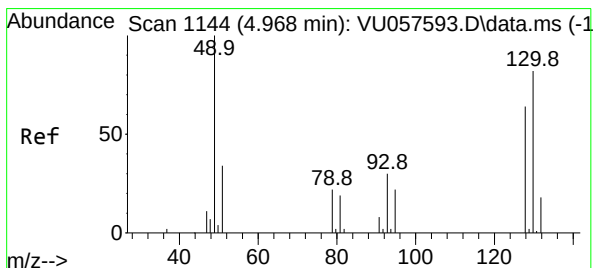
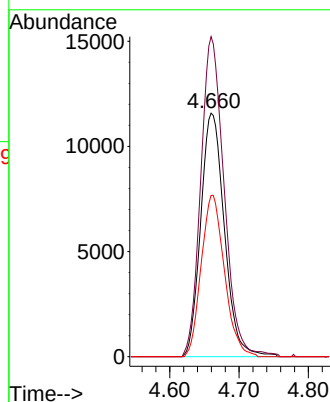
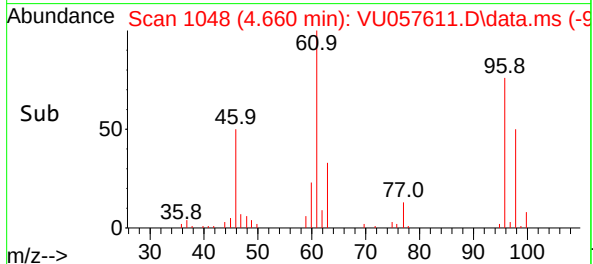


#22
cis-1,2-Dichloroethene
Concen: 5.353 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

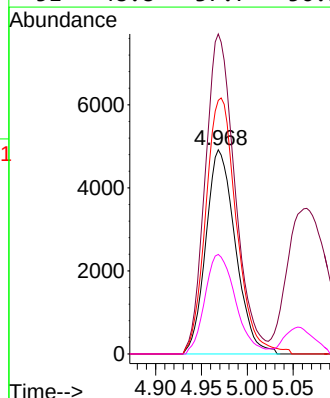
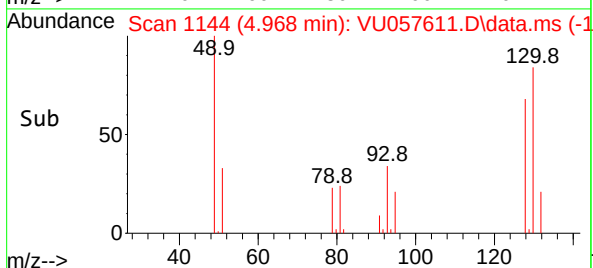
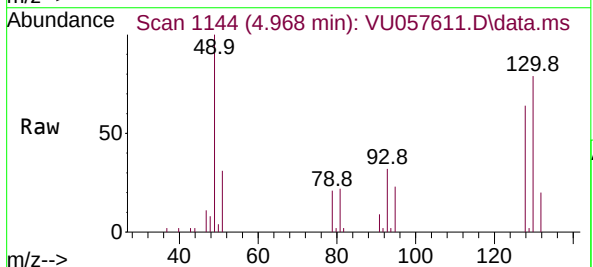


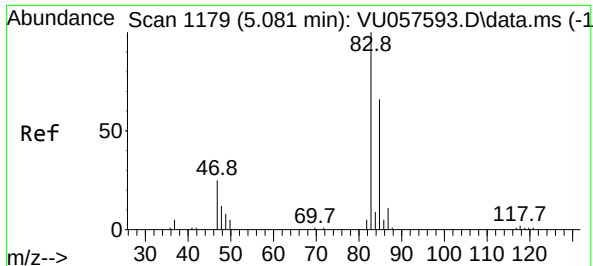
Tgt Ion: 96 Resp: 27504
Ion Ratio Lower Upper
96 100
61 131.4 92.7 172.1
98 66.2 44.9 83.5



#23
Bromochloromethane
Concen: 5.344 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion: 128 Resp: 11030
Ion Ratio Lower Upper
128 100
49 156.7 111.5 207.1
130 124.2 87.2 162.0
51 48.8 37.7 56.5





#25

Chloroform

Concen: 5.153 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

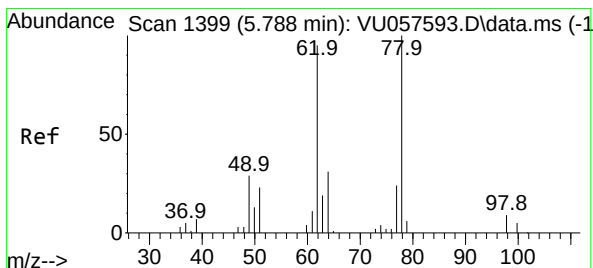
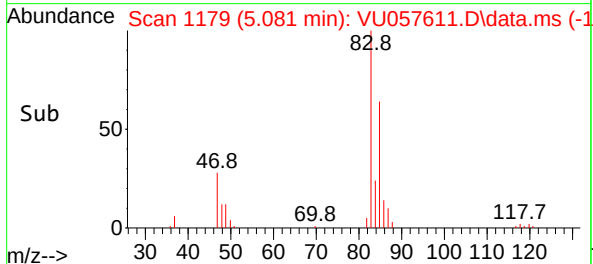
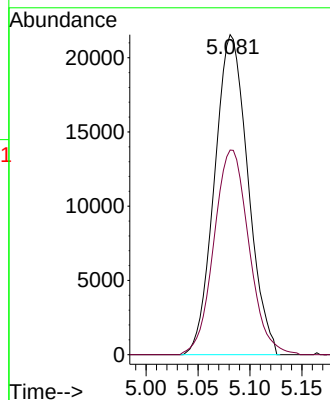
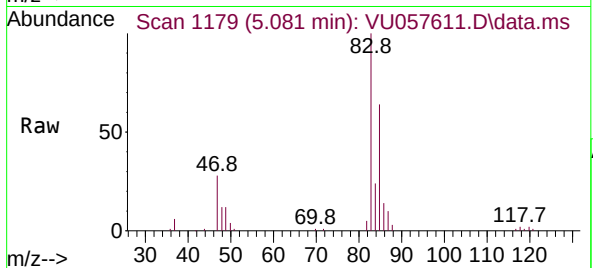
ClientSampleId :

Tgt Ion: 83 Resp: 48251

Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.445 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU057611.D

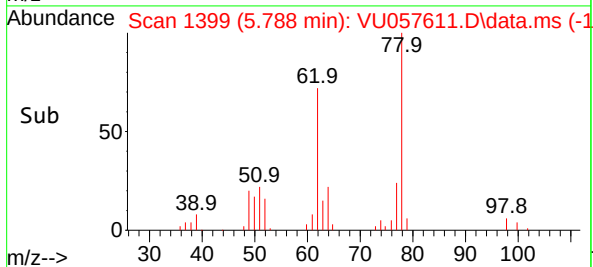
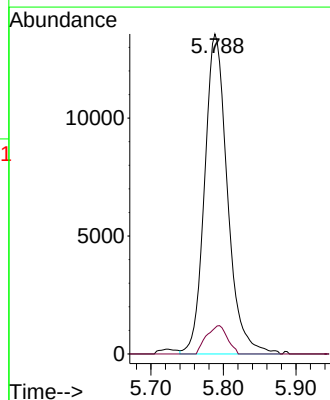
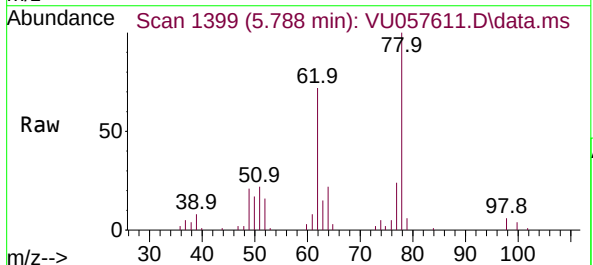
Acq: 24 Jan 2024 09:55

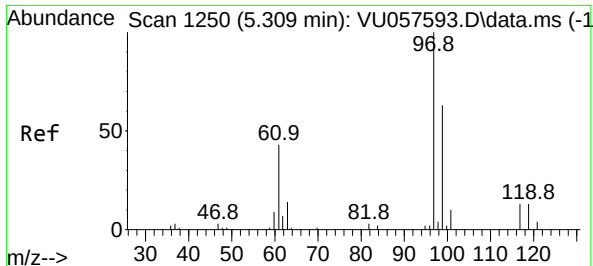
Tgt Ion: 62 Resp: 29699

Ion Ratio Lower Upper

62 100

98 8.1 6.9 10.3

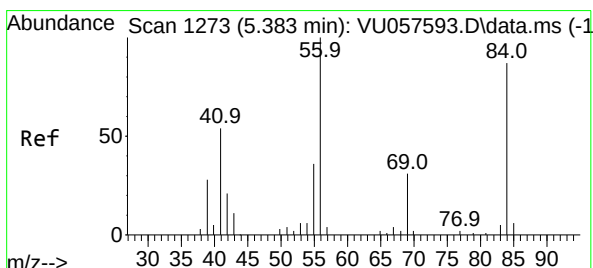
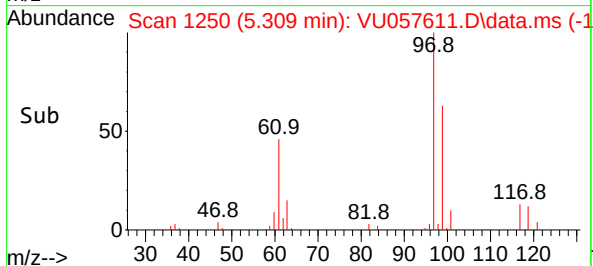
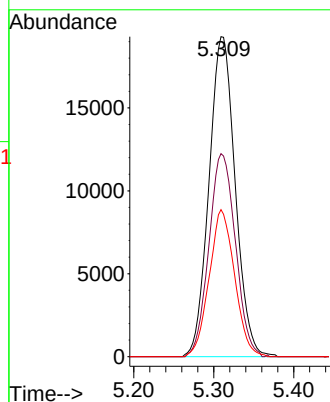
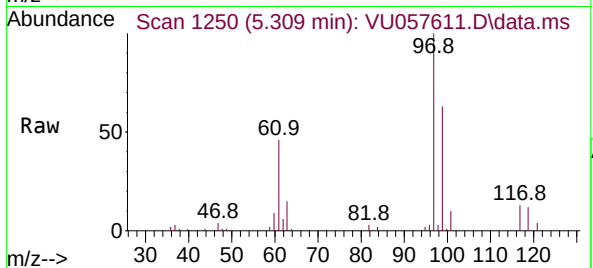




#29
1,1,1-Trichloroethane
Concen: 5.265 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

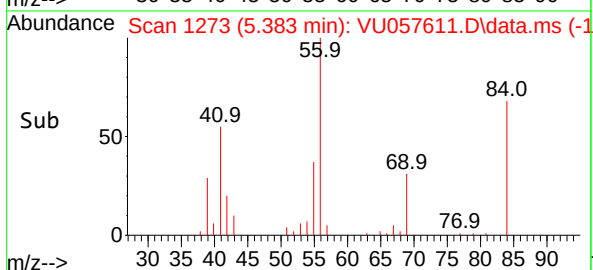
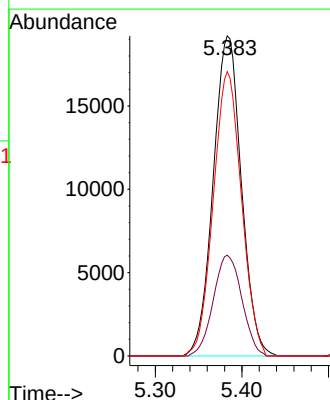
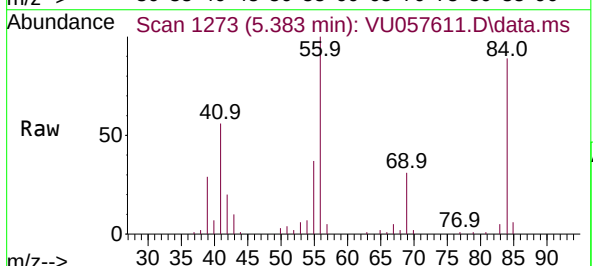
Instrument :
MSVOA_U
ClientSampleId :

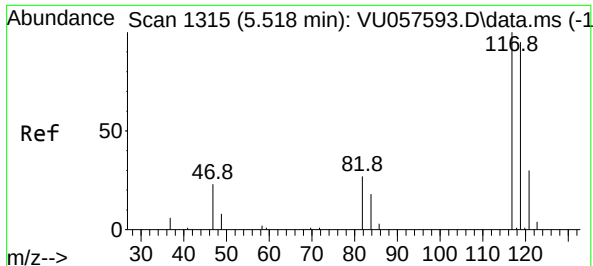
Tgt Ion:	97	Resp:	43946
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	44.6	35.3	52.9



#30
Cyclohexane
Concen: 5.385 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion:	56	Resp:	43369
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.8	38.8
84	88.8	72.0	108.0

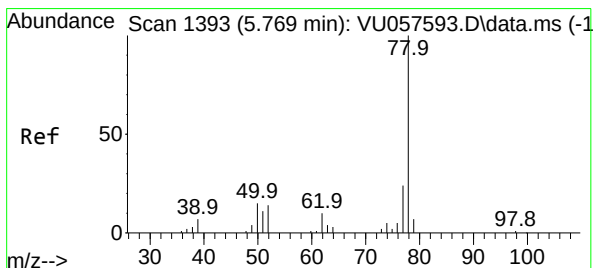
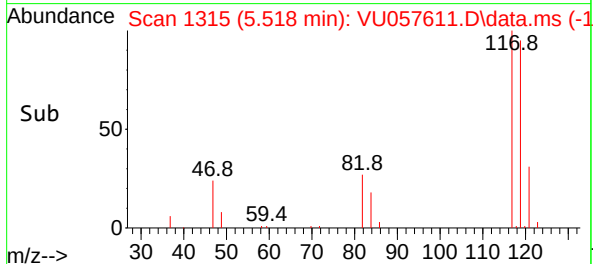
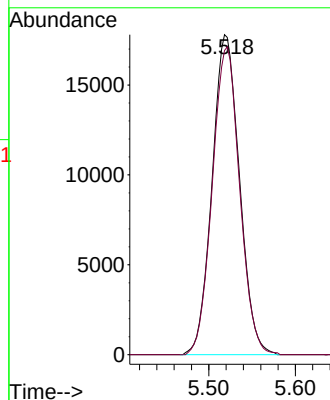
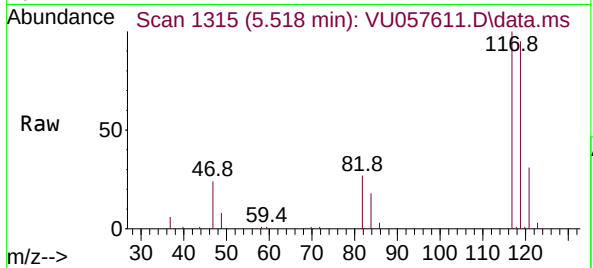




#31
Carbon tetrachloride
Concen: 5.303 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

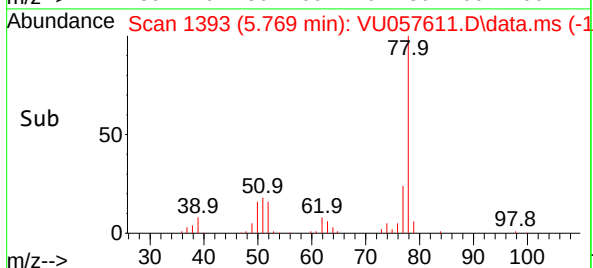
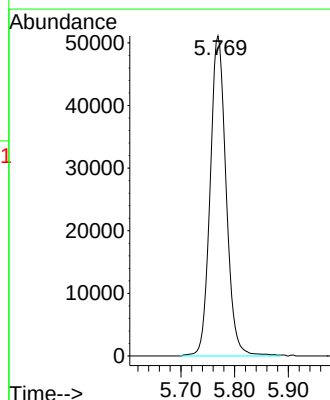
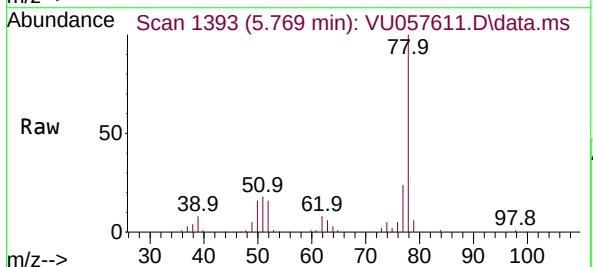
Instrument :
MSVOA_U
ClientSampleId :

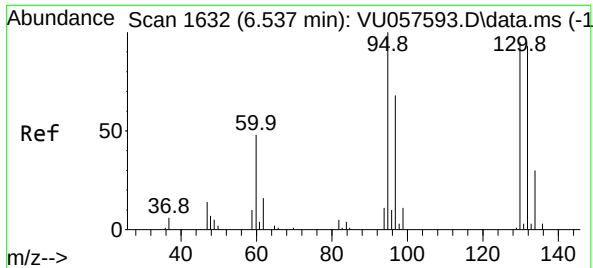
Tgt Ion:117 Resp: 39053
Ion Ratio Lower Upper
117 100
119 96.1 75.6 113.4



#33
Benzene
Concen: 5.419 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

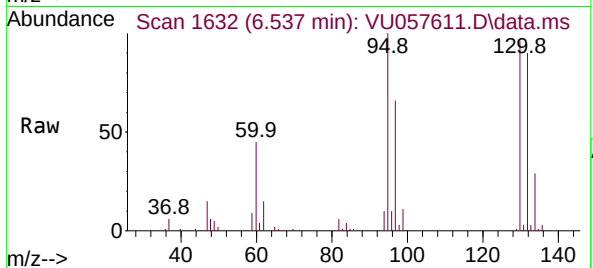
Tgt Ion: 78 Resp: 105700



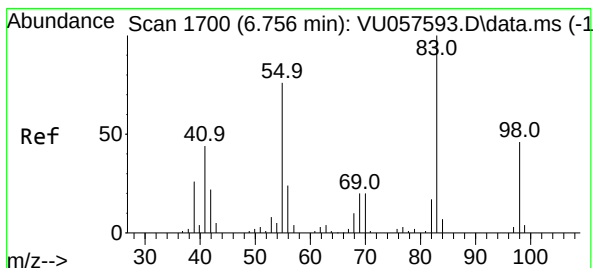
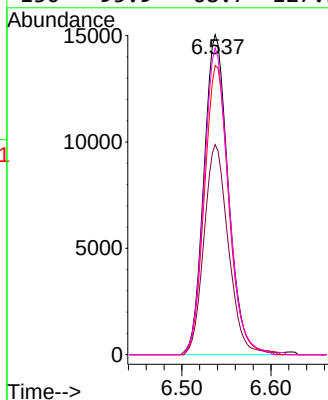
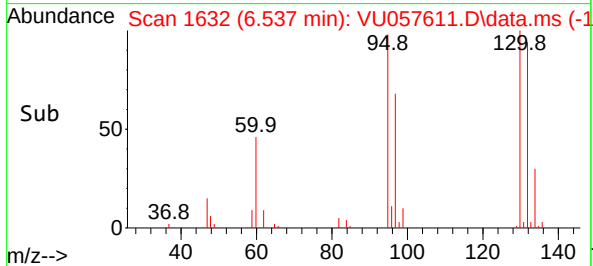


#34
Trichloroethene
Concen: 5.339 ug/L
RT: 6.537 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

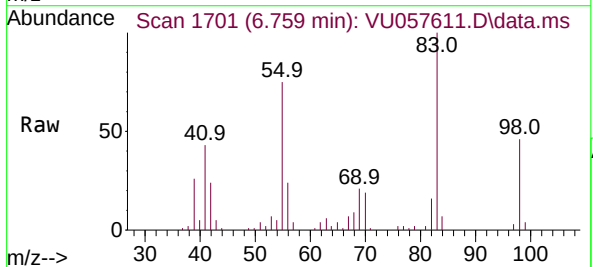
Instrument :
MSVOA_U
ClientSampleId :



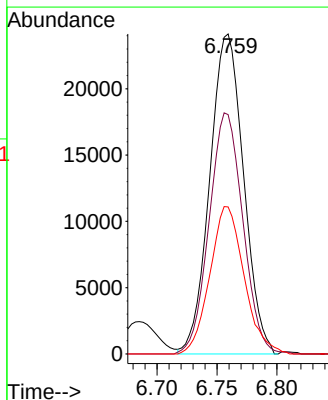
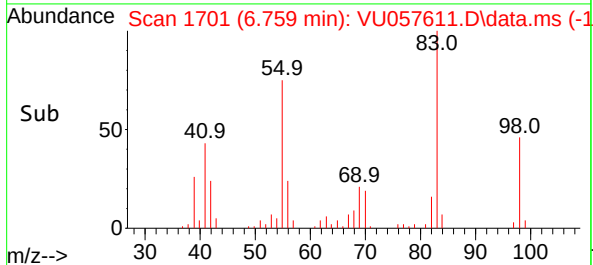
Tgt Ion: 95 Resp: 28711
Ion Ratio Lower Upper
95 100
97 65.6 46.1 85.5
132 90.4 66.1 122.8
130 95.9 68.7 127.5

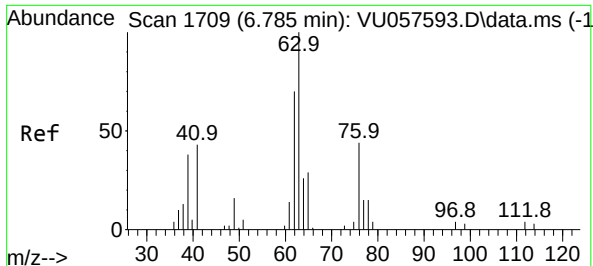


#35
Methylcyclohexane
Concen: 5.454 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55



Tgt Ion: 83 Resp: 47379
Ion Ratio Lower Upper
83 100
55 75.1 61.4 92.0
98 46.7 38.2 57.4

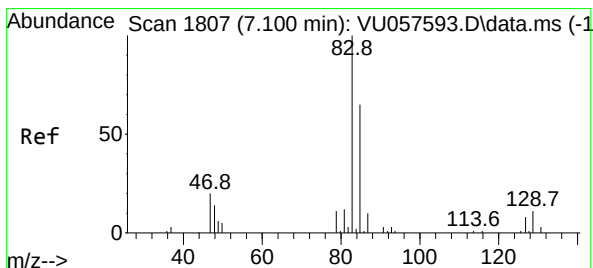
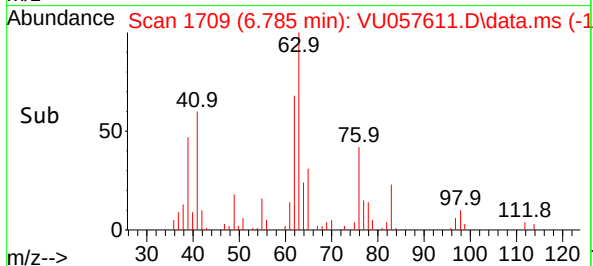
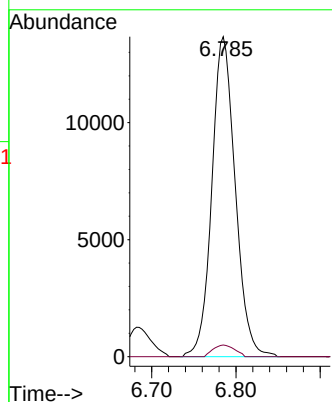
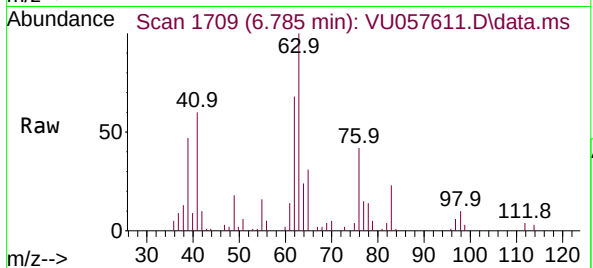




#37
1,2-Dichloropropane
Concen: 5.404 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

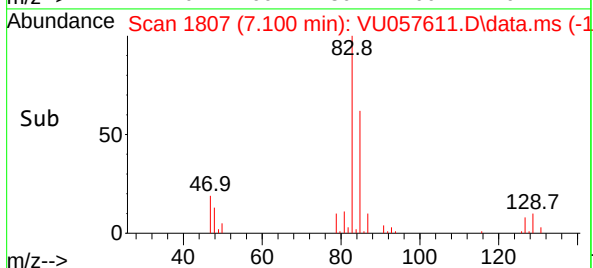
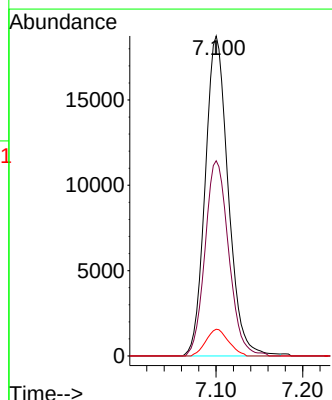
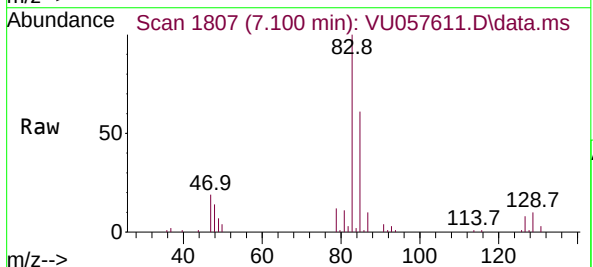
Instrument :
MSVOA_U
ClientSampleId :

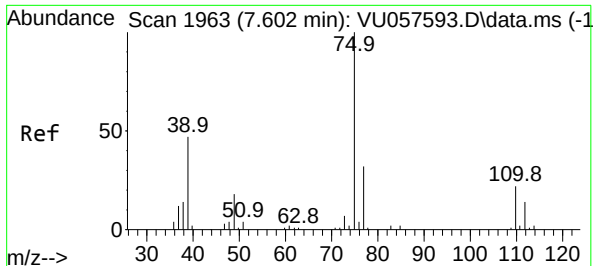
Tgt Ion: 63 Resp: 26367
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 5.279 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion: 83 Resp: 34667
Ion Ratio Lower Upper
83 100
85 61.0 44.7 83.1
127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 5.292 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

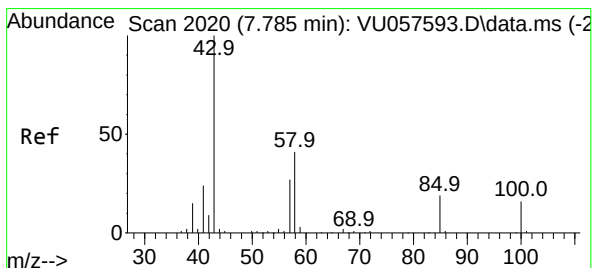
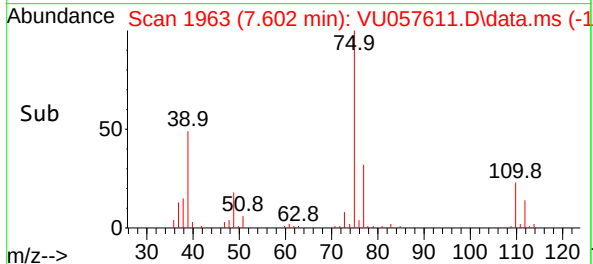
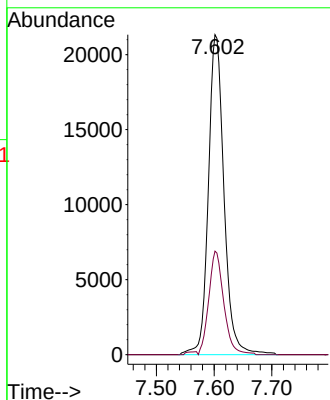
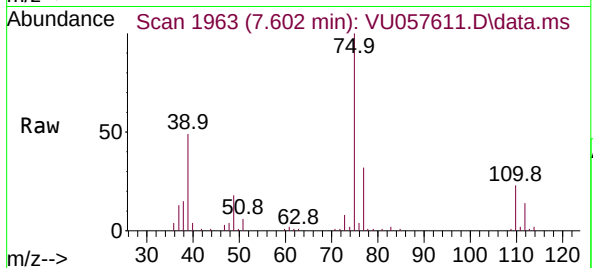
ClientSampleId :

Tgt Ion: 75 Resp: 40134

Ion Ratio Lower Upper

75 100

77 32.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 52.177 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

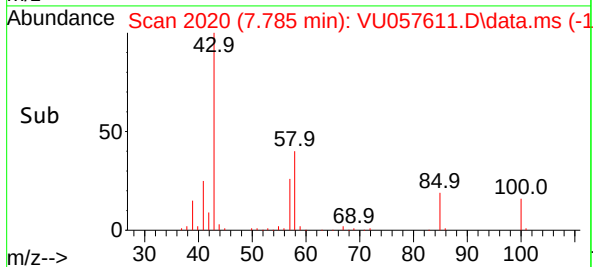
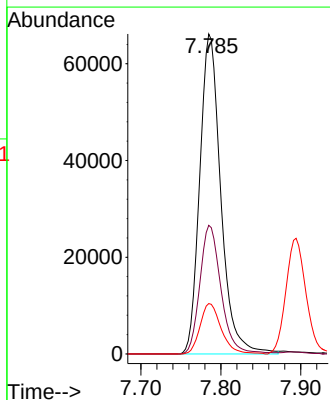
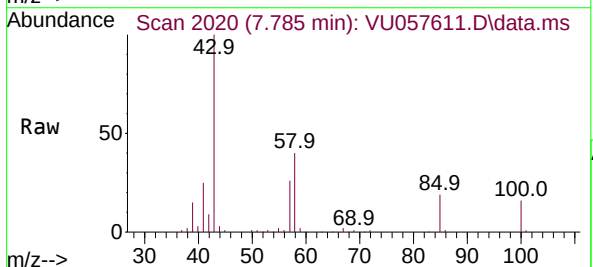
Tgt Ion: 43 Resp: 121494

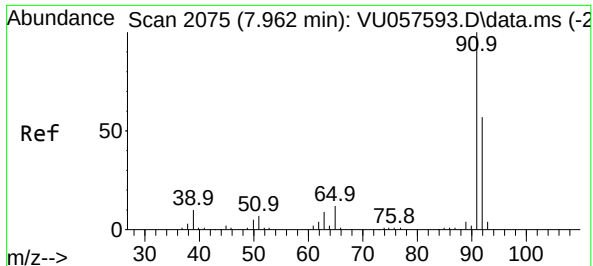
Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5

100 15.8 12.6 18.8





#42

Toluene

Concen: 5.377 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

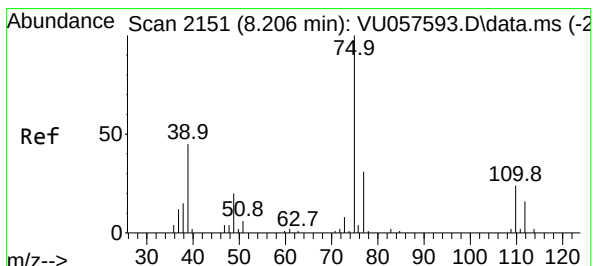
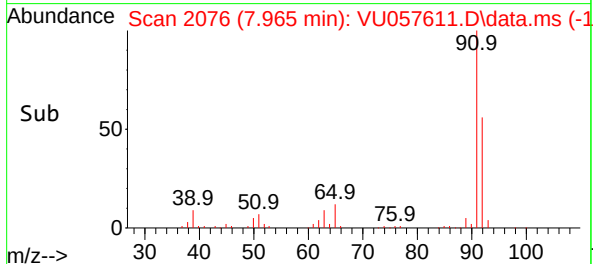
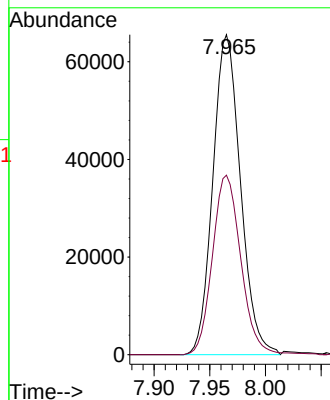
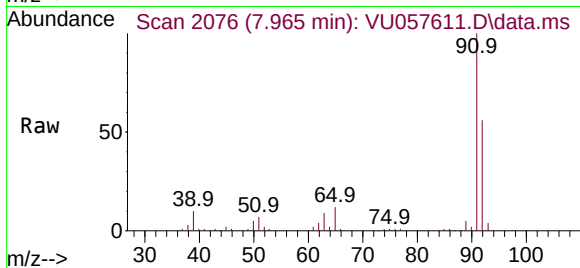
ClientSampleId :

Tgt Ion: 91 Resp: 113079

Ion Ratio Lower Upper

91 100

92 56.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.246 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU057611.D

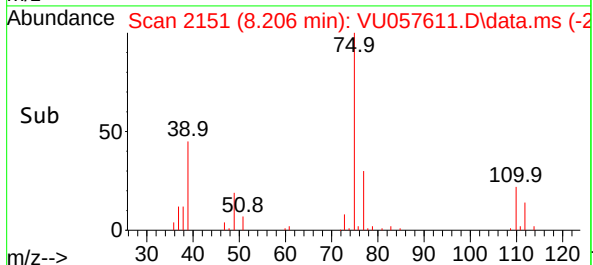
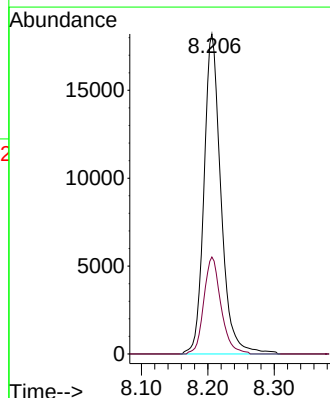
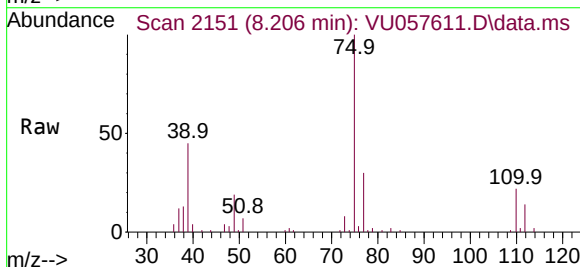
Acq: 24 Jan 2024 09:55

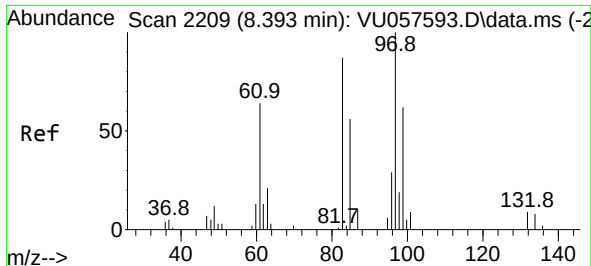
Tgt Ion: 75 Resp: 32332

Ion Ratio Lower Upper

75 100

77 30.3 21.3 39.6



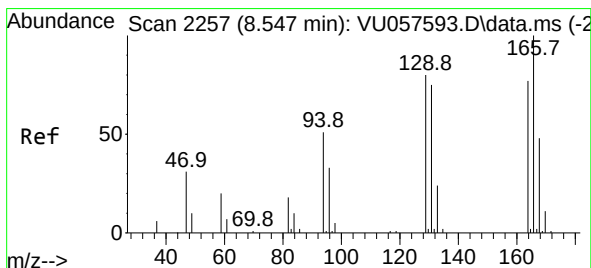
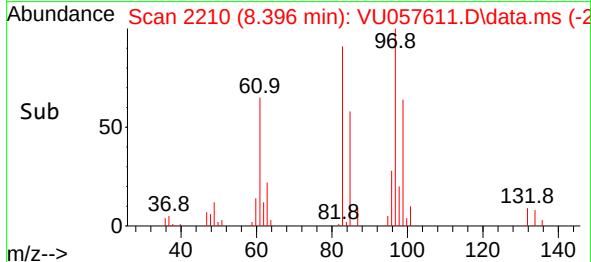
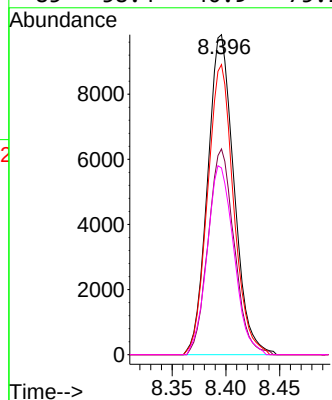
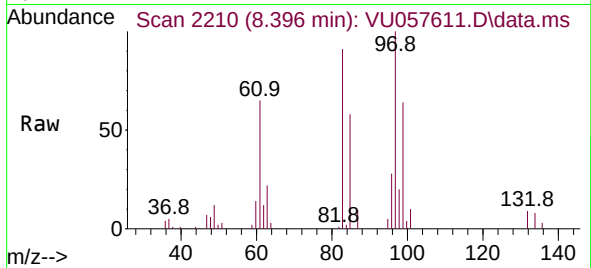


#45
1,1,2-Trichloroethane
Concen: 5.284 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 16772

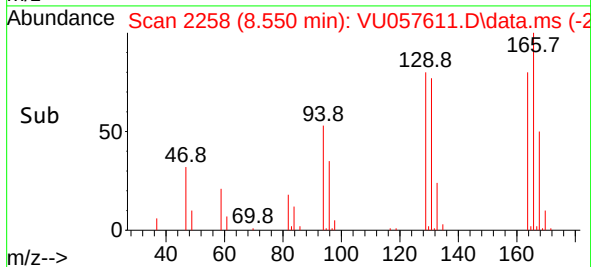
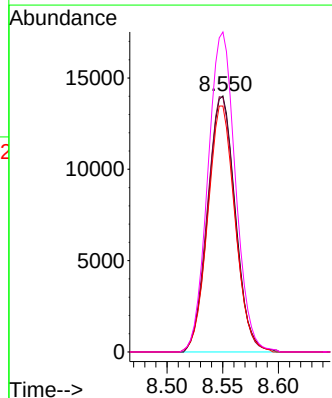
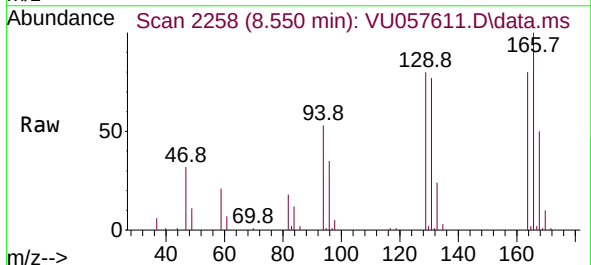
Ion	Ratio	Lower	Upper
97	100		
99	64.3	45.1	83.7
83	90.7	62.3	115.7
85	58.4	40.9	75.9

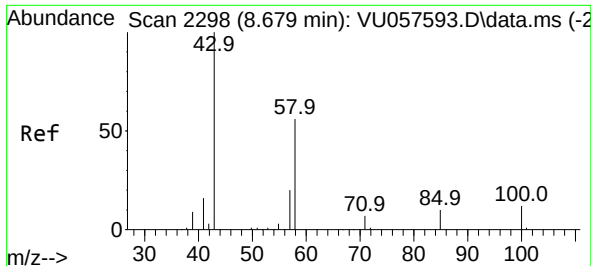


#47
Tetrachloroethene
Concen: 6.094 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion: 164 Resp: 24082

Ion	Ratio	Lower	Upper
164	100		
129	99.4	71.3	132.5
131	96.1	68.1	126.5
166	125.0	87.4	162.4





#48

2-Hexanone

Concen: 52.962 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 86534

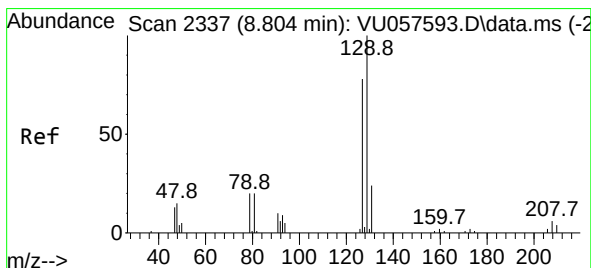
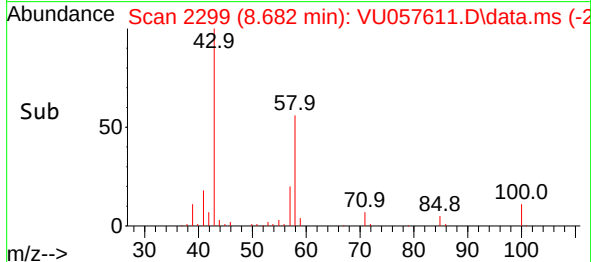
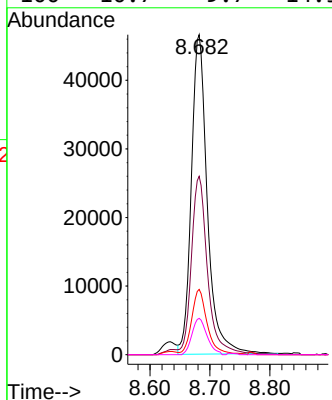
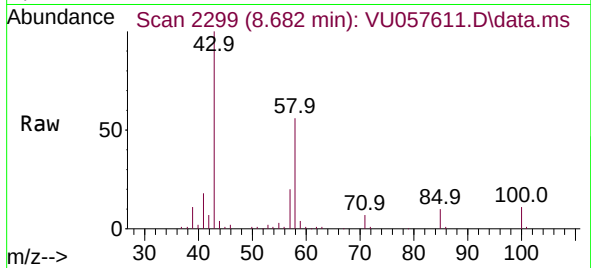
Ion Ratio Lower Upper

43 100

58 55.6 44.3 66.5

57 20.0 15.5 23.3

100 10.7 9.7 14.5



#49

Dibromochloromethane

Concen: 5.198 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU057611.D

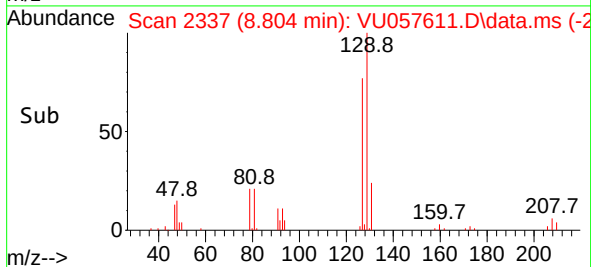
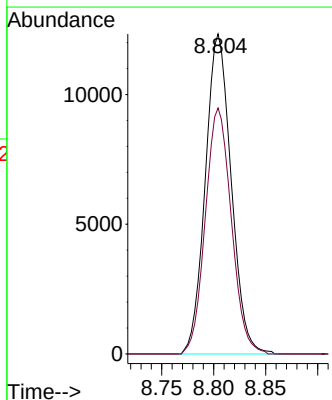
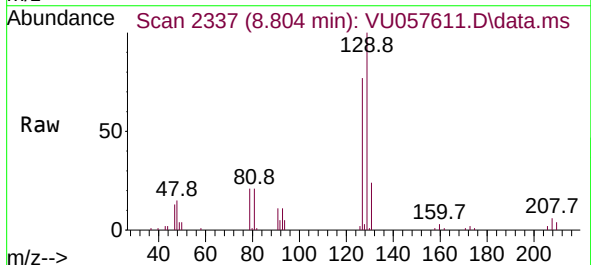
Acq: 24 Jan 2024 09:55

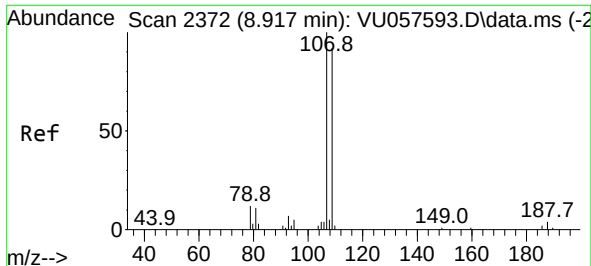
Tgt Ion:129 Resp: 21362

Ion Ratio Lower Upper

129 100

127 76.8 54.5 101.1

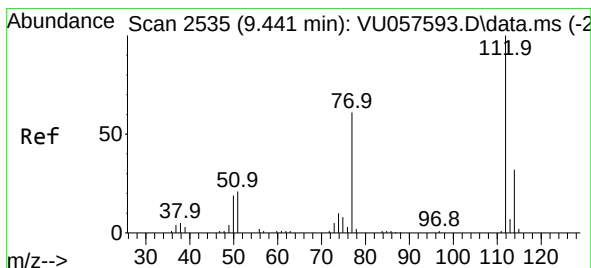
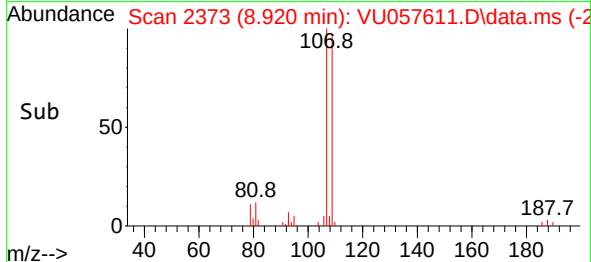
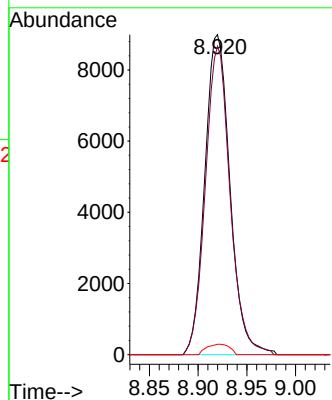
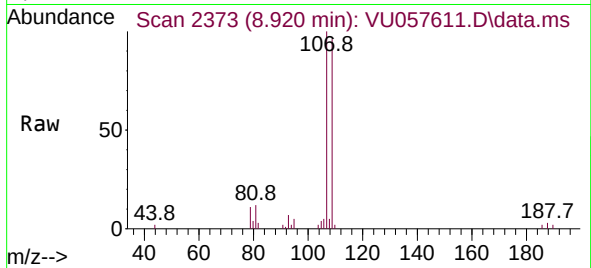




#50
1,2-Dibromoethane
Concen: 5.260 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

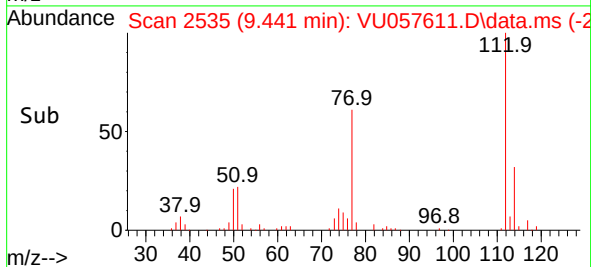
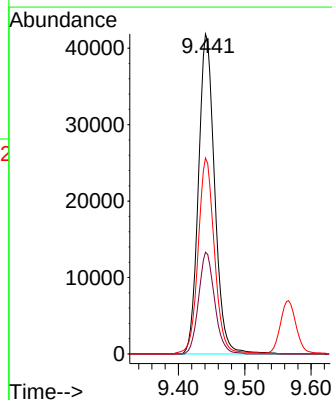
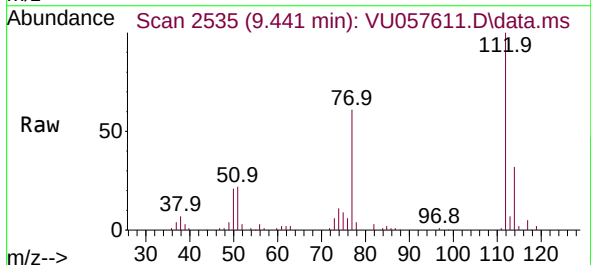
Instrument :
MSVOA_U
ClientSampleId :

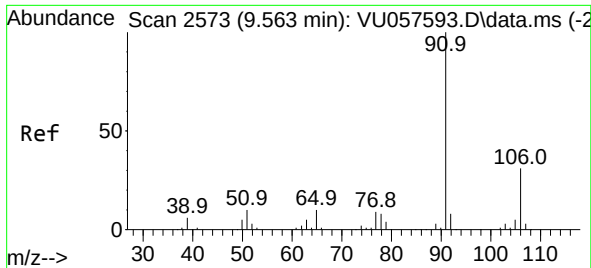
Tgt Ion:107 Resp: 16202
Ion Ratio Lower Upper
107 100
109 96.4 64.5 119.9
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 5.386 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion:112 Resp: 71048
Ion Ratio Lower Upper
112 100
114 31.8 22.0 40.8
77 61.2 49.2 73.8





#52

Ethylbenzene

Concen: 5.393 ug/L

RT: 9.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

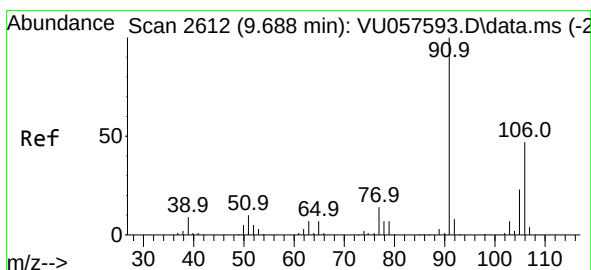
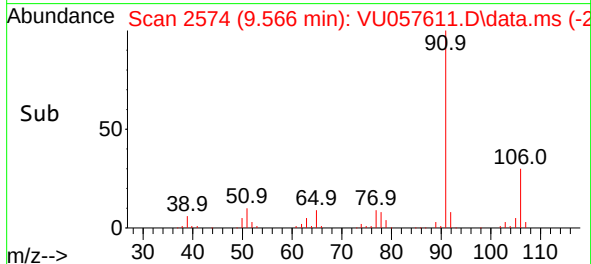
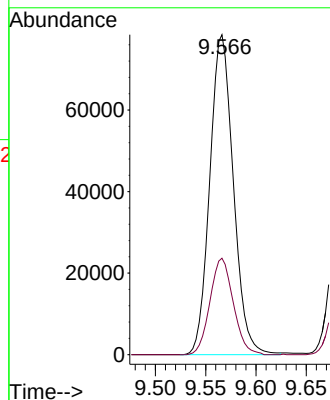
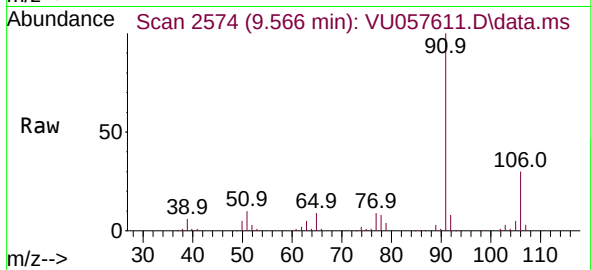
ClientSampleId :

Tgt Ion: 91 Resp: 127806

Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.5



#53

m,p-Xylene

Concen: 5.309 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU057611.D

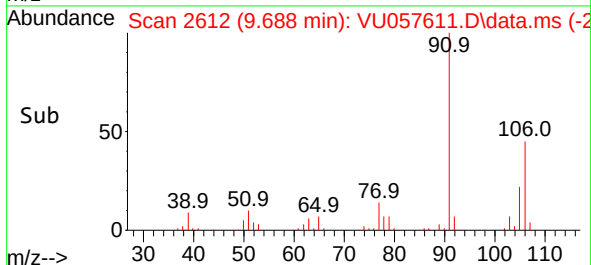
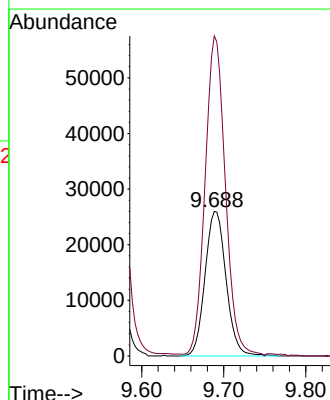
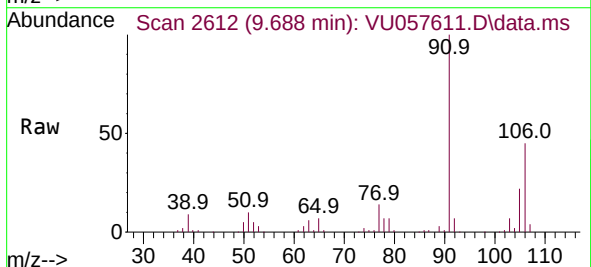
Acq: 24 Jan 2024 09:55

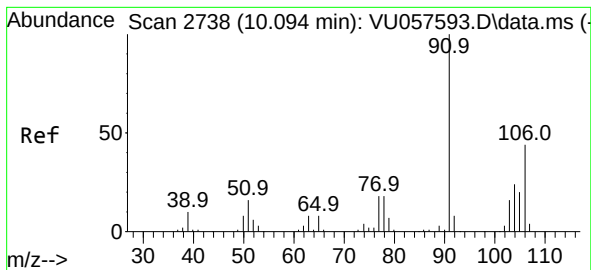
Tgt Ion:106 Resp: 46424

Ion Ratio Lower Upper

106 100

91 221.4 146.9 272.9





#54

o-Xylene

Concen: 5.372 ug/L

RT: 10.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

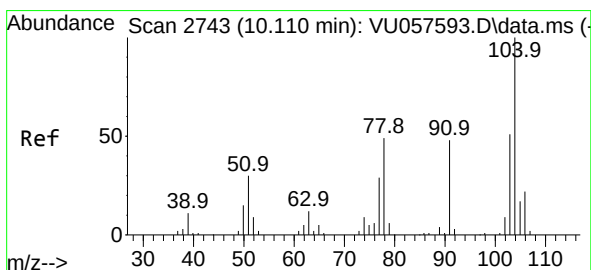
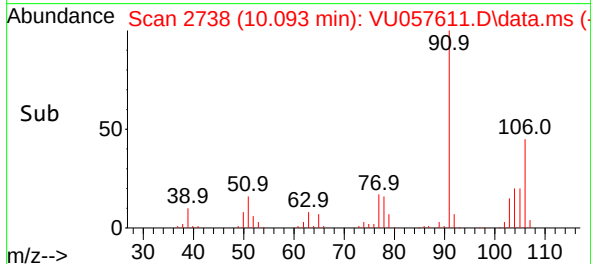
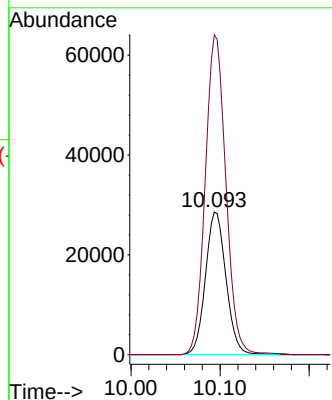
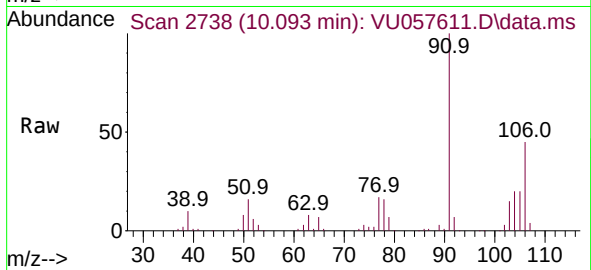
ClientSampleId :

Tgt Ion:106 Resp: 45789

Ion Ratio Lower Upper

106 100

91 224.2 158.1 293.5



#55

Styrene

Concen: 5.309 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU057611.D

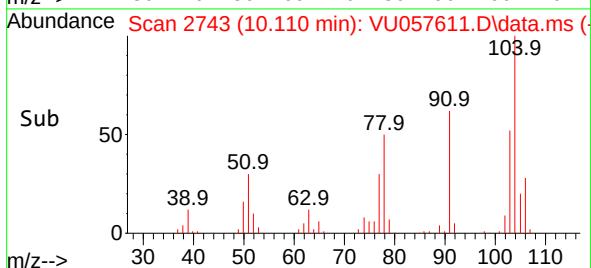
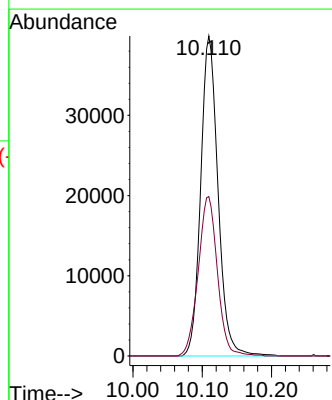
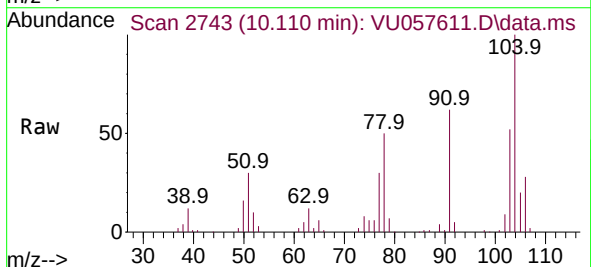
Acq: 24 Jan 2024 09:55

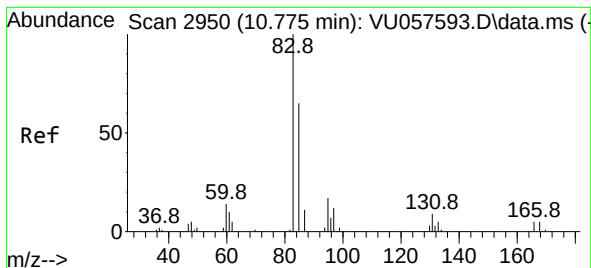
Tgt Ion:104 Resp: 69238

Ion Ratio Lower Upper

104 100

78 49.8 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.282 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

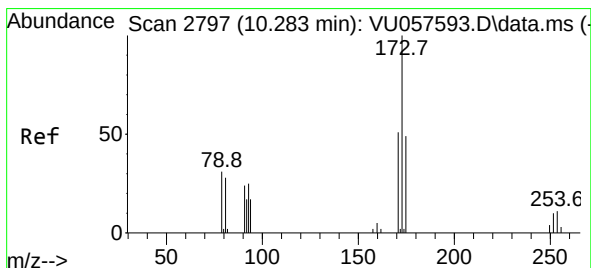
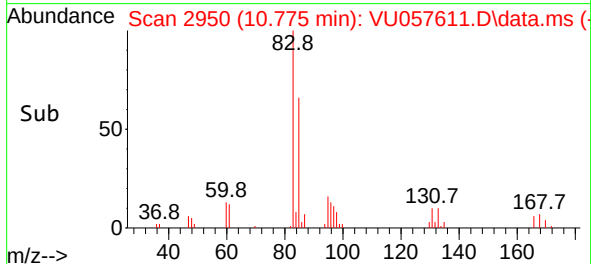
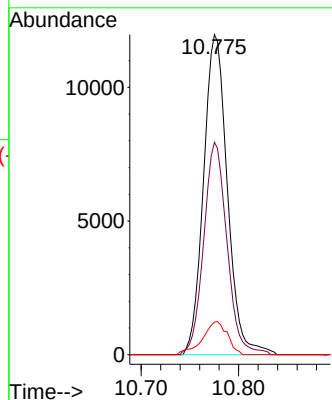
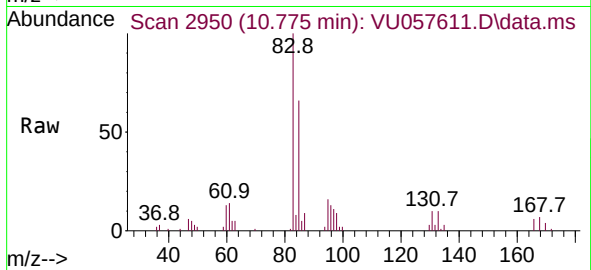
Tgt Ion: 83 Resp: 20342

Ion Ratio Lower Upper

83 100

85 66.4 44.4 82.5

131 10.2 8.3 12.5



#59

Bromoform

Concen: 5.300 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

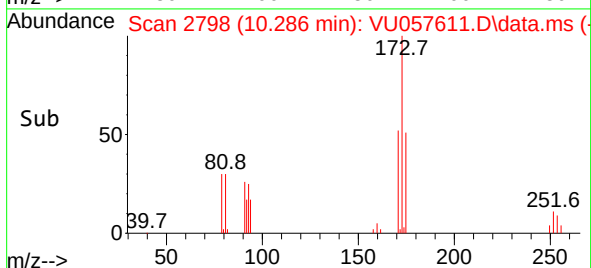
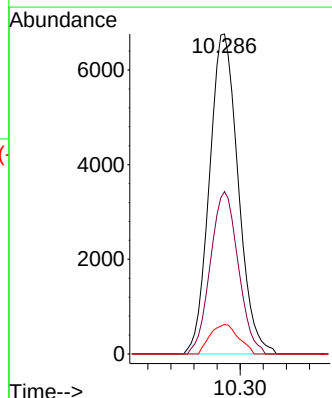
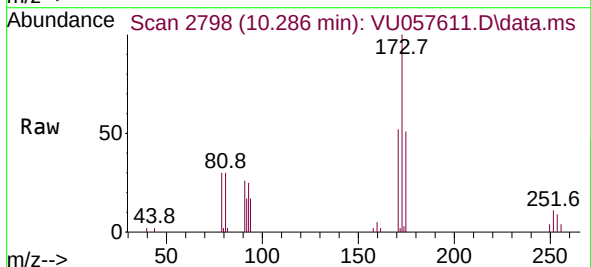
Tgt Ion:173 Resp: 11674

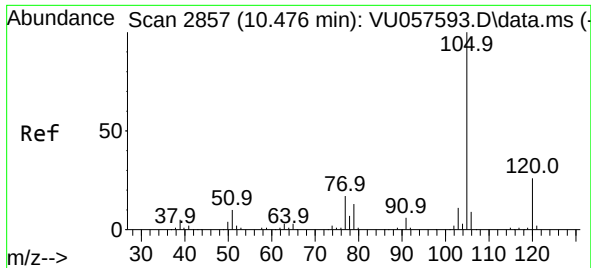
Ion Ratio Lower Upper

173 100

175 49.2 37.5 56.3

254 9.1 7.2 10.8

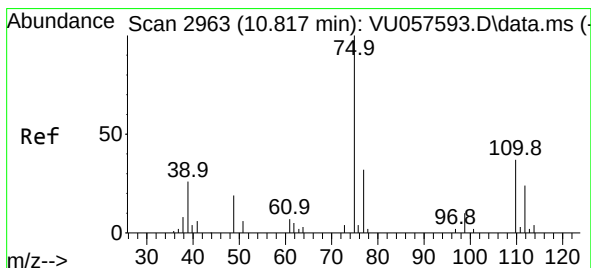
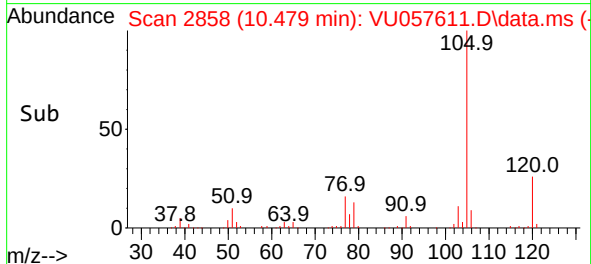
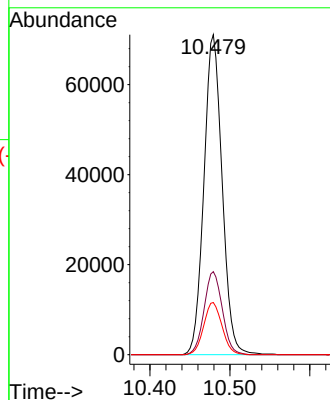
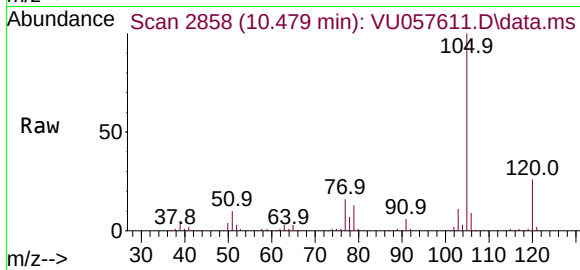




#60
Isopropylbenzene
Concen: 5.313 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

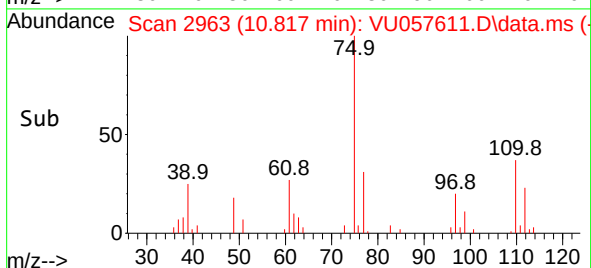
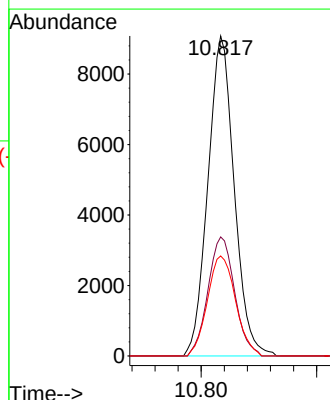
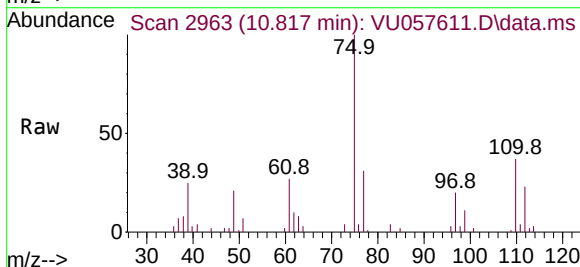
Instrument :
MSVOA_U
ClientSampleId :

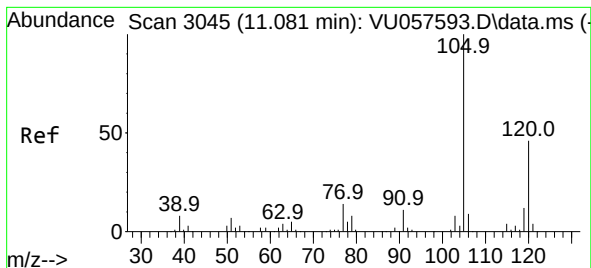
Tgt Ion:105 Resp: 112874
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.270 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion: 75 Resp: 14342
Ion Ratio Lower Upper
75 100
110 37.6 30.1 45.1
77 33.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.404 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

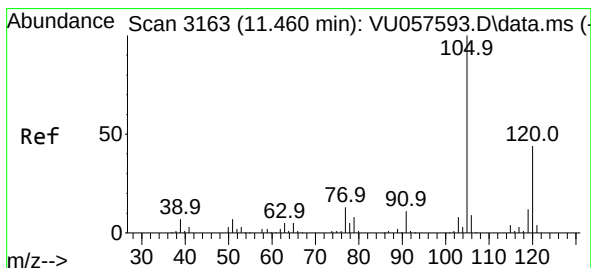
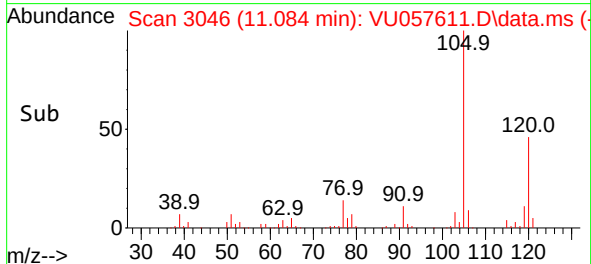
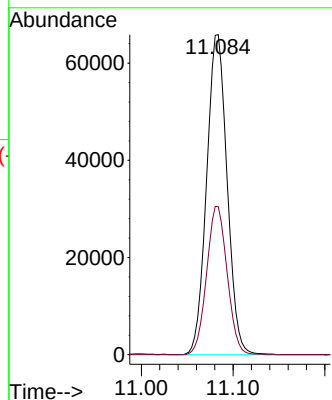
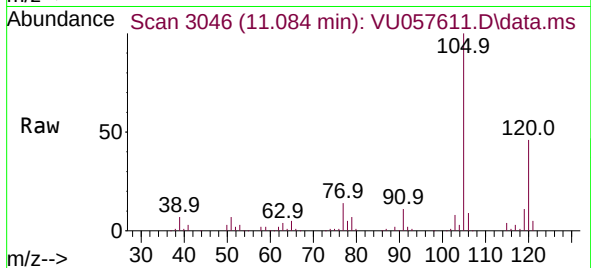
ClientSampleId :

Tgt Ion:105 Resp: 102309

Ion Ratio Lower Upper

105 100

120 46.4 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 5.469 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU057611.D

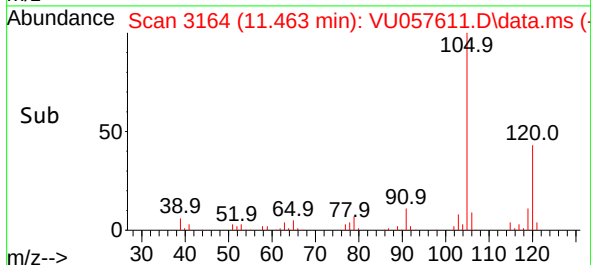
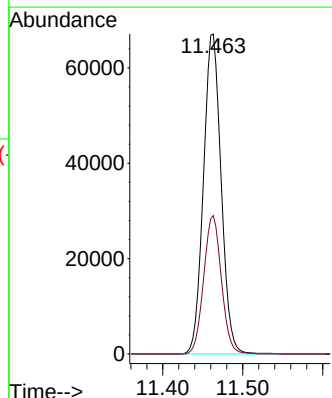
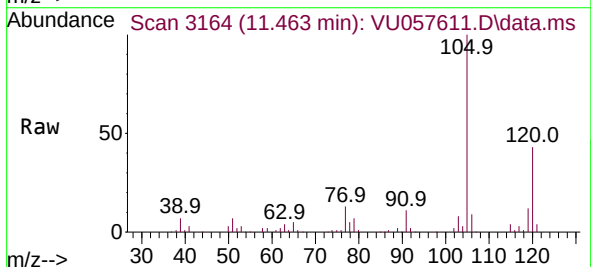
Acq: 24 Jan 2024 09:55

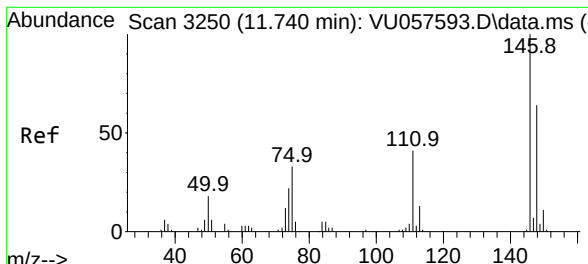
Tgt Ion:105 Resp: 103610

Ion Ratio Lower Upper

105 100

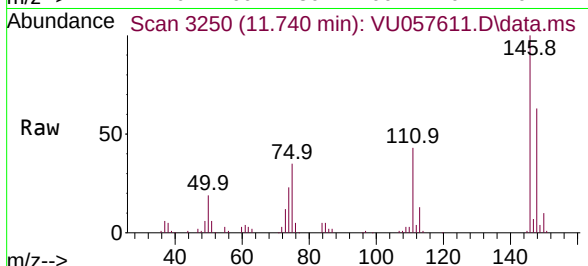
120 43.1 35.0 52.4



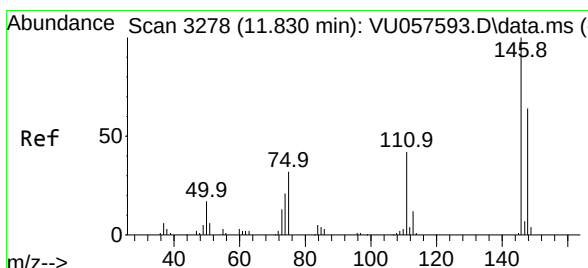
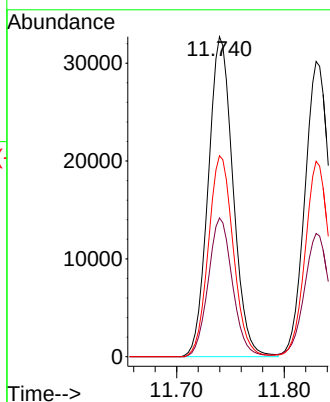
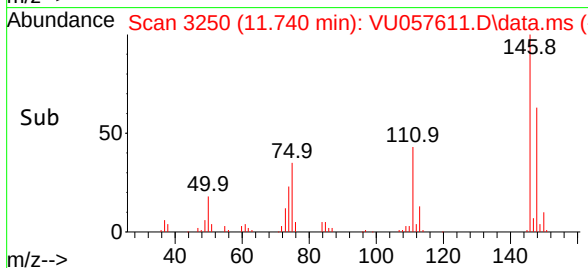


#64
1,3-Dichlorobenzene
Concen: 5.404 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

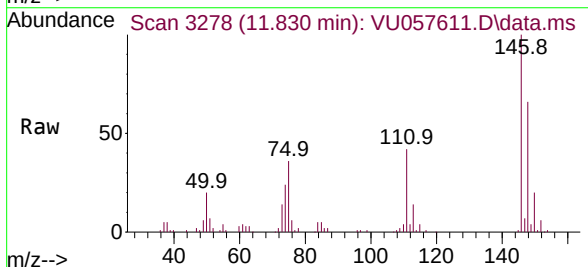
Instrument :
MSVOA_U
ClientSampleId :



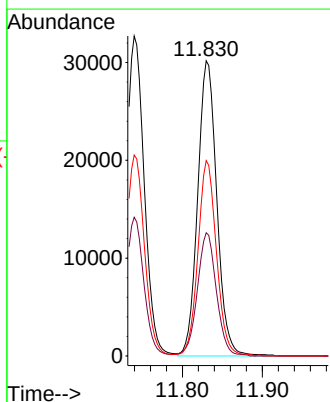
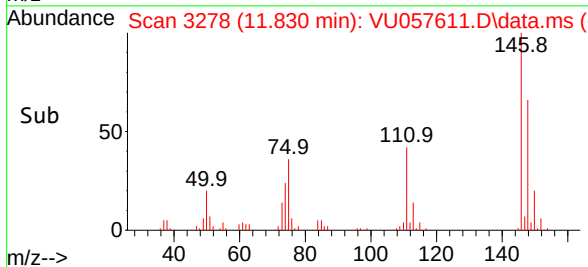
Tgt Ion:146 Resp: 52402
Ion Ratio Lower Upper
146 100
111 43.4 29.6 55.0
148 62.8 44.2 82.2

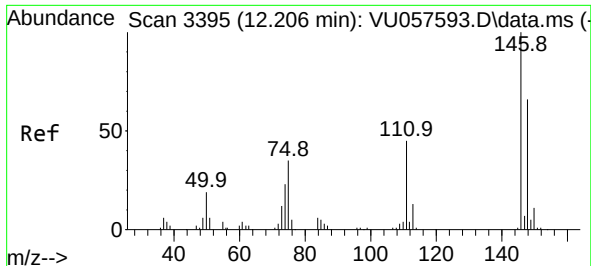


#65
1,4-Dichlorobenzene
Concen: 5.420 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55



Tgt Ion:146 Resp: 50310
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.7
148 66.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.351 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

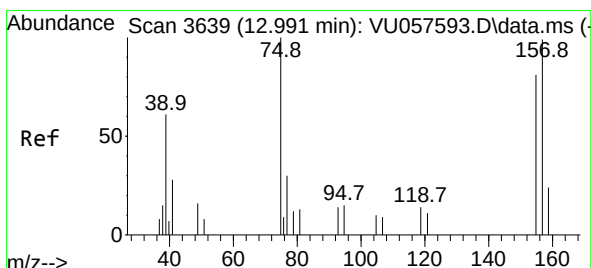
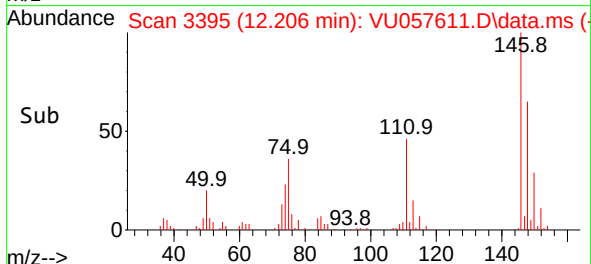
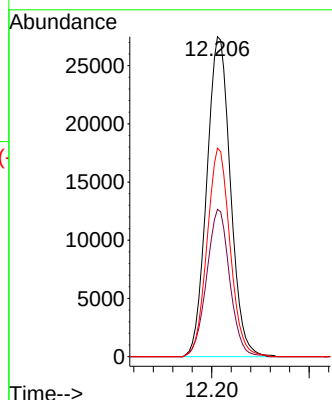
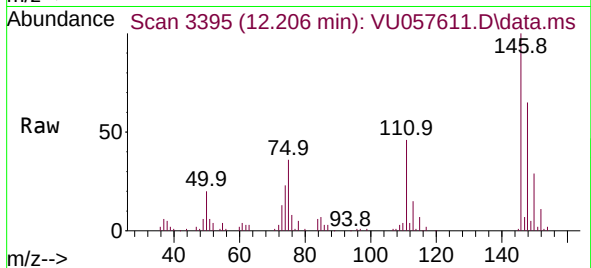
Tgt Ion:146 Resp: 46297

Ion Ratio Lower Upper

146 100

111 46.1 35.7 53.5

148 65.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.653 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

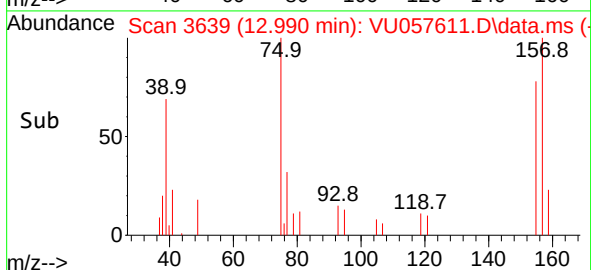
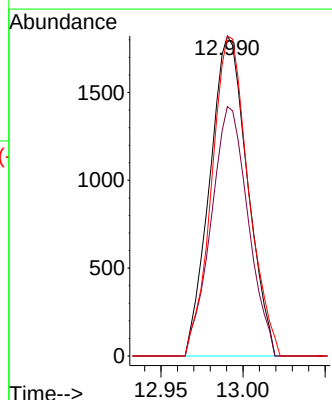
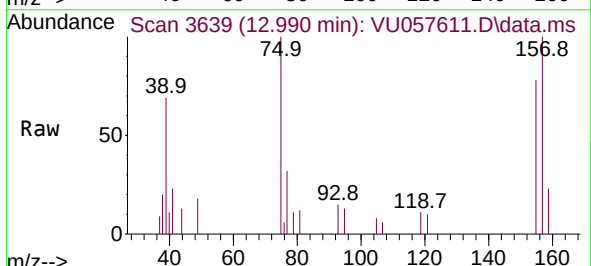
Tgt Ion: 75 Resp: 2896

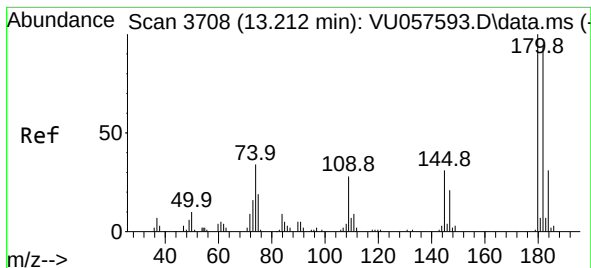
Ion Ratio Lower Upper

75 100

155 77.9 62.8 94.2

157 99.9 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 5.506 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

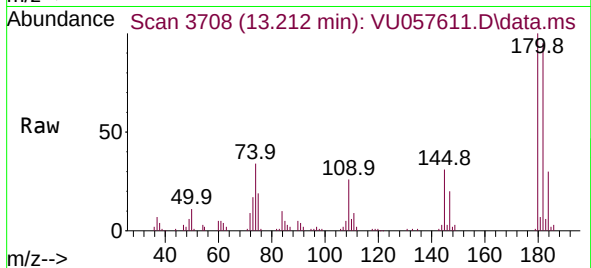
Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 39190

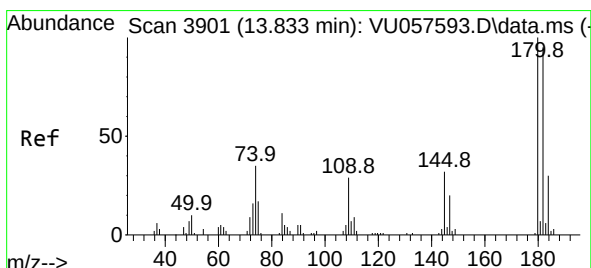
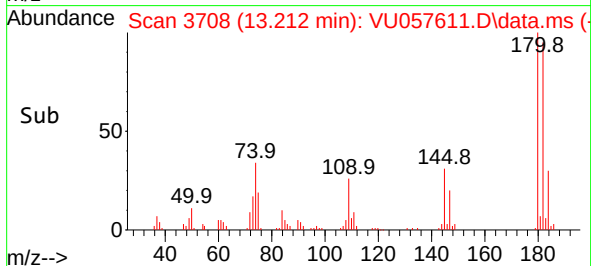
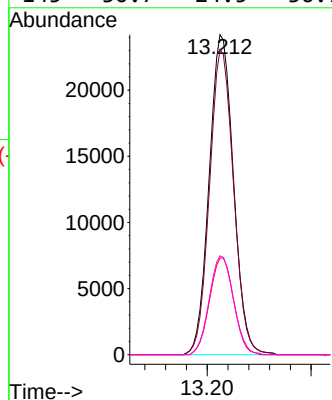
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

184 30.3 24.1 36.1

145 30.7 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.551 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU057611.D

Acq: 24 Jan 2024 09:55

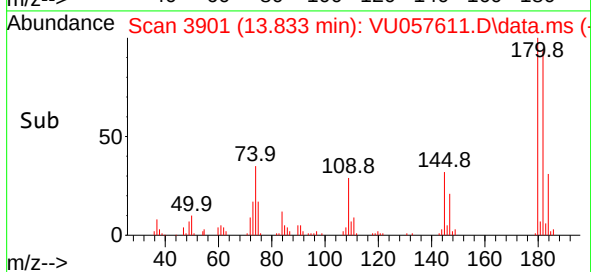
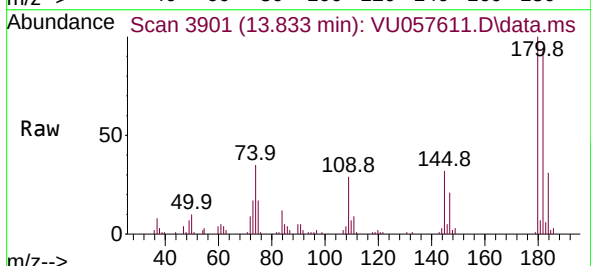
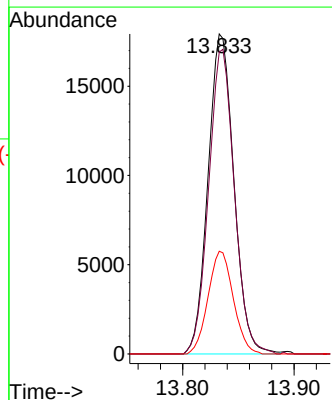
Tgt Ion:180 Resp: 28943

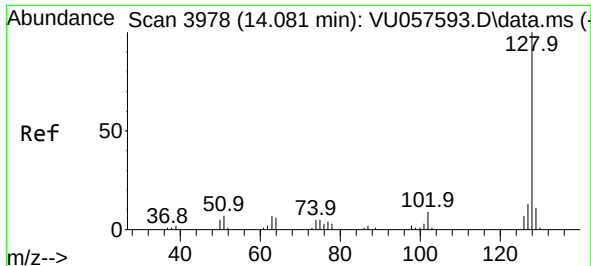
Ion Ratio Lower Upper

180 100

182 94.6 74.9 112.3

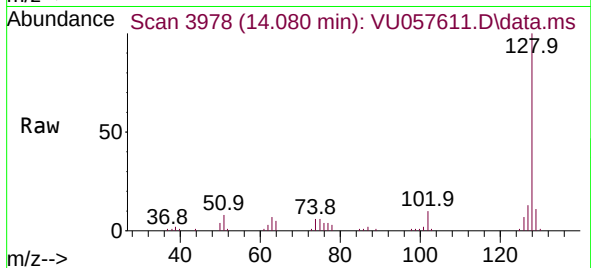
145 31.3 25.4 38.2



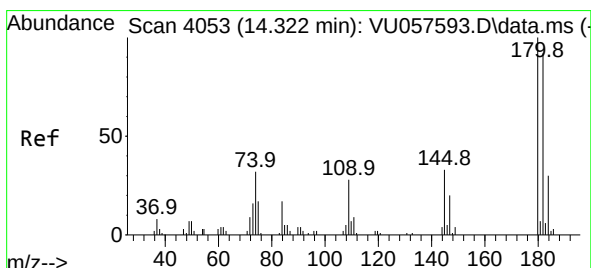
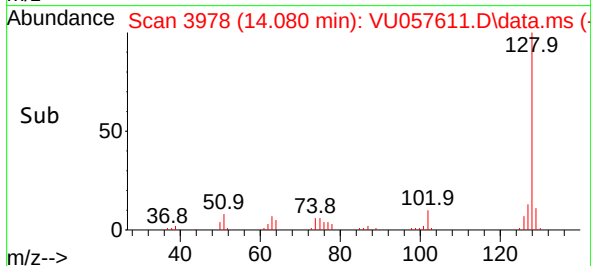
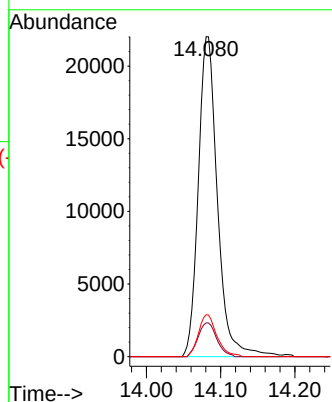


#71
Naphthalene
Concen: 5.344 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 39445
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 12.6 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.450 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU057611.D
Acq: 24 Jan 2024 09:55

Tgt Ion:180 Resp: 22117
Ion Ratio Lower Upper
180 100
182 94.7 78.1 117.1
145 33.3 26.7 40.1

