

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092225\
 Data File : VU063616.D
 Acq On : 22 Sep 2025 12:01
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 23 05:14:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092225WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 23 05:11:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	270536	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	275735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	153921	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	365402	183.079	ug/L	0.00
7) Chloroethane-d5	1.885	69	307957	161.507	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.550	63	657769	174.357	ug/L	0.00
21) 2-Butanone-d5	4.605	46	576483	345.208	ug/L	0.00
24) Chloroform-d	5.042	84	719032	172.726	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	459399	178.894	ug/L	0.00
32) Benzene-d6	5.711	84	1354820	169.872	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	447770	166.268	ug/L	0.00
41) Toluene-d8	7.885	98	1293532	183.714	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	180510	171.042	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	369470	372.292	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	701590	169.454	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	527408	190.604	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	288923	120.650	ug/L	99
3) Chloromethane	1.515	50	361209	131.026	ug/L	98
5) Vinyl chloride	1.595	62	437697	143.890	ug/L	99
6) Bromomethane	1.821	94	295103	169.228	ug/L	100
8) Chloroethane	1.907	64	290776	150.143	ug/L	98
9) Trichlorofluoromethane	2.120	101	635700	170.646	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	348874	158.444	ug/L	98
12) 1,1-Dichloroethene	2.563	96	318131	164.042	ug/L	98
13) Acetone	2.615	43	559963	425.576	ug/L	100
14) Carbon disulfide	2.776	76	873941	141.232	ug/L	100
15) Methyl Acetate	2.933	43	454002	169.205	ug/L	97
16) Methylene chloride	3.026	84	383420	152.700	ug/L	96
17) trans-1,2-Dichloroethene	3.335	96	347330	166.814	ug/L	98
18) Methyl tert-butyl Ether	3.348	73	1155247	182.537	ug/L	99
19) 1,1-Dichloroethane	3.849	63	706655	162.120	ug/L	99
20) cis-1,2-Dichloroethene	4.647	96	414263	174.378	ug/L	97
22) 2-Butanone	4.685	43	715996	373.823	ug/L	96
23) Bromochloromethane	4.955	128	214881	168.707	ug/L	97
25) Chloroform	5.068	83	739706	167.982	ug/L	99
27) 1,2-Dichloroethane	5.775	62	604180	173.872	ug/L	99
29) Cyclohexane	5.370	56	642692	179.256	ug/L	98
30) 1,1,1-Trichloroethane	5.300	97	606552	176.630	ug/L	98
31) Carbon tetrachloride	5.508	117	514852	181.418	ug/L	98
33) Benzene	5.759	78	1571968	169.079	ug/L	100
34) Trichloroethene	6.528	95	430578	178.843	ug/L	99
35) Methylcyclohexane	6.750	83	628489	176.014	ug/L	98
37) 1,2-Dichloropropane	6.775	63	436596	160.127	ug/L	100
38) Bromodichloromethane	7.090	83	543008	167.804	ug/L	99
39) cis-1,3-Dichloropropene	7.592	75	651567	178.143	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	1303007	377.228	ug/L	98
42) Toluene	7.955	91	1759397	180.836	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	554322	164.768	ug/L	99

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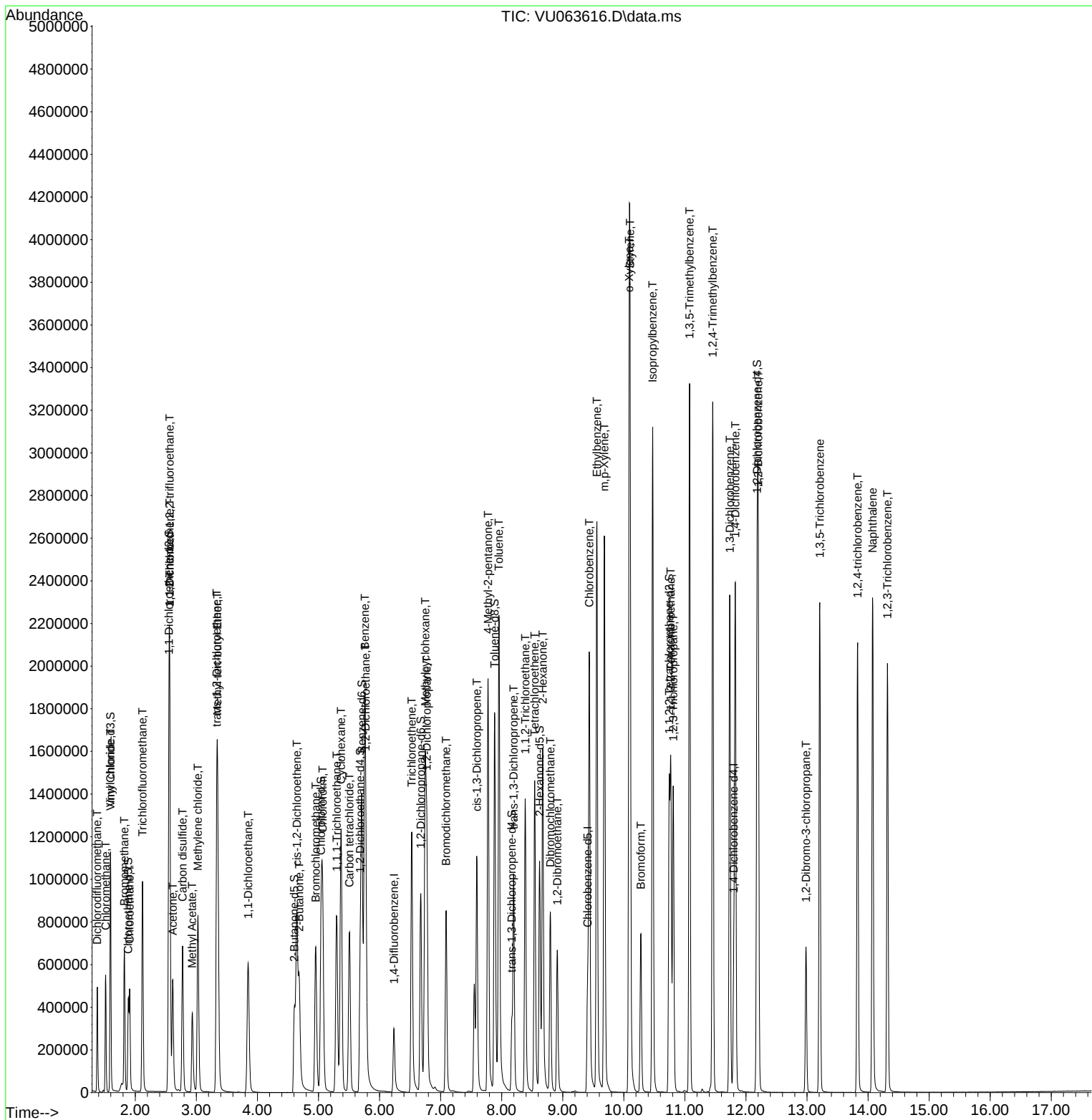
Instrument :
 MSVOA_U
 ClientSampleId :

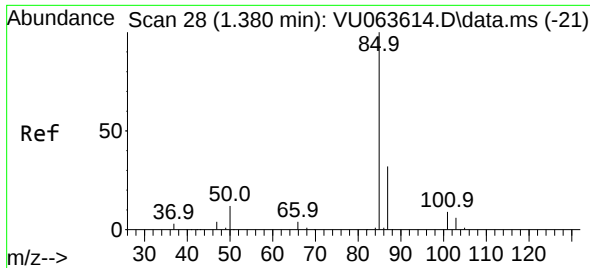
Quant Time: Sep 23 05:14:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092225WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	423236	167.037	ug/L	97
46) Tetrachloroethene	8.541	164	326843	182.384	ug/L	98
48) 2-Hexanone	8.672	43	1044812	393.903	ug/L	97
49) Dibromochloromethane	8.798	129	432744	182.369	ug/L	99
50) 1,2-Dibromoethane	8.910	107	450656	173.997	ug/L	100
51) Chlorobenzene	9.434	112	1145289	179.233	ug/L	100
52) Ethylbenzene	9.560	91	1981214	191.110	ug/L	99
53) m,p-Xylene	9.682	106	763144	200.779	ug/L	100
54) o-Xylene	10.090	106	756693	206.030	ug/L	97
55) Styrene	10.103	104	1270620	204.766	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	742050	165.796	ug/L	98
59) Bromoform	10.280	173	331394	169.620	ug/L	98
60) 1,2,3-Trichloropropane	10.811	75	592381	163.550	ug/L	99
61) Isopropylbenzene	10.473	105	2019929	198.270	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	1753820	218.737	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	1713511	224.976	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	941414	188.461	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	946303	184.845	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	913604	181.011	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	163218	170.043	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	700809	205.316	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	622908	233.879	ug/L	99
71) Naphthalene	14.074	128	1837858	255.803	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	599969	231.563	ug/L	99

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

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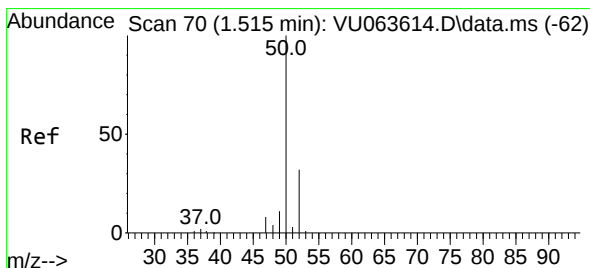
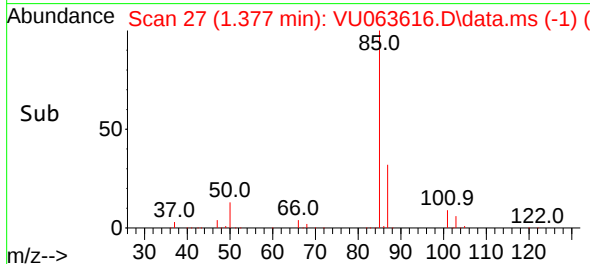
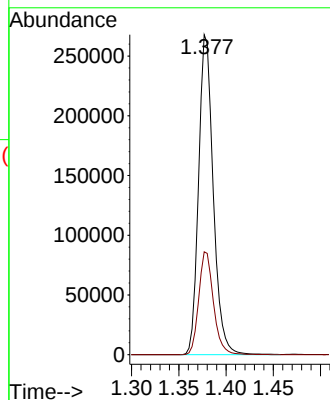
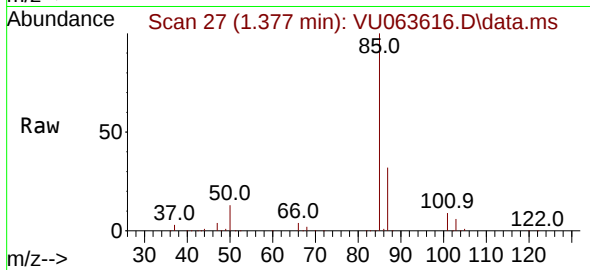




#2
 Dichlorodifluoromethane
 Concen: 120.650 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

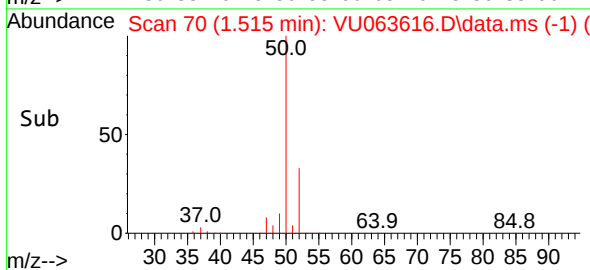
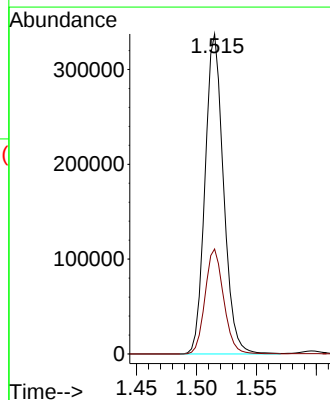
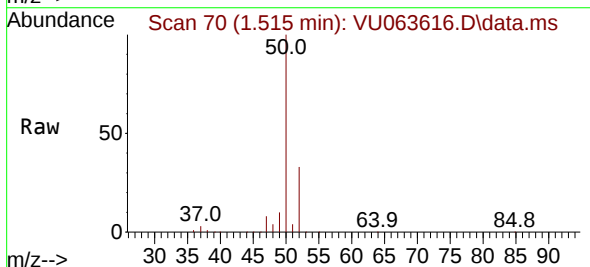
Instrument :
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 ClientSampleId :

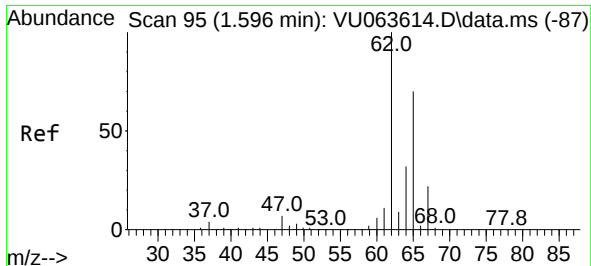
Tgt Ion: 85 Resp: 288923
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.5 38.3



#3
 Chloromethane
 Concen: 131.026 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

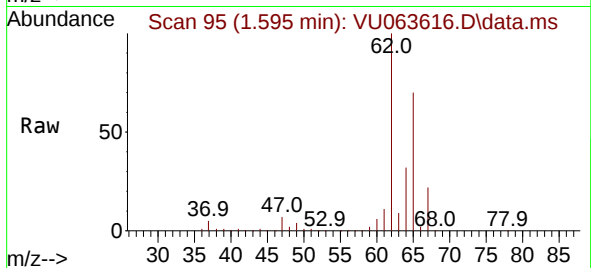
Tgt Ion: 50 Resp: 361209
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.2 41.2



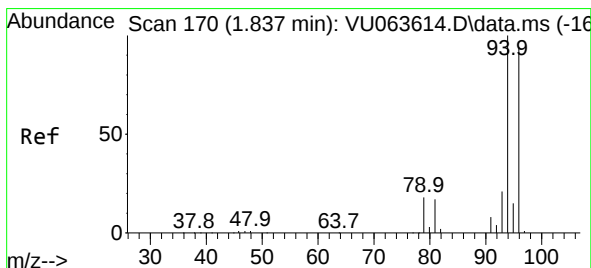
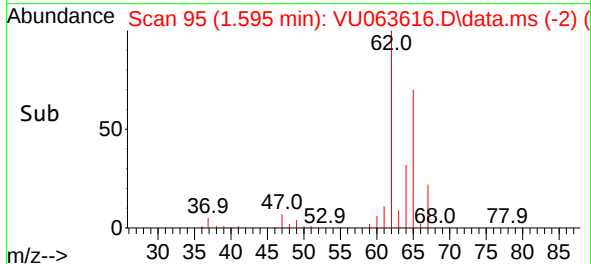
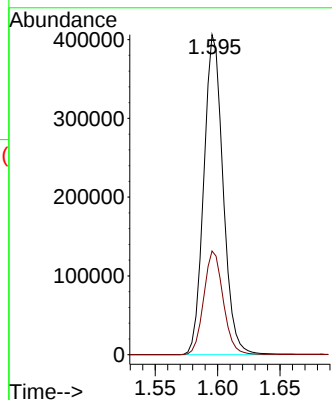


#5
 Vinyl chloride
 Concen: 143.890 ug/L
 RT: 1.595 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

Instrument :
 MSVOA_U
 ClientSampleId :

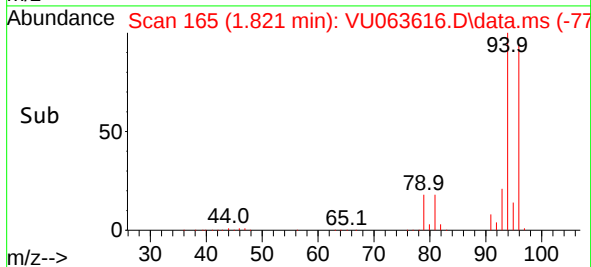
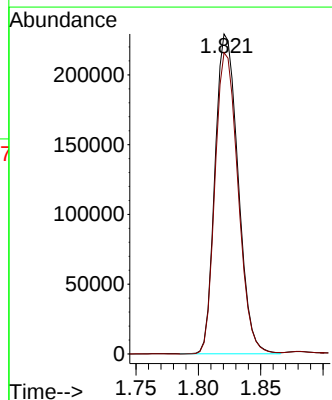
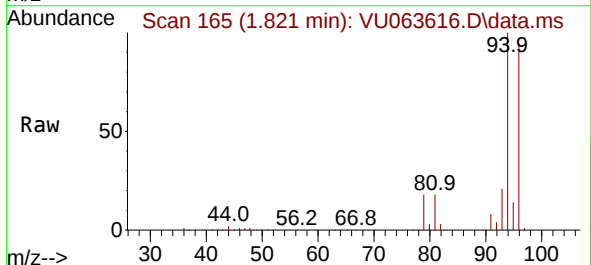


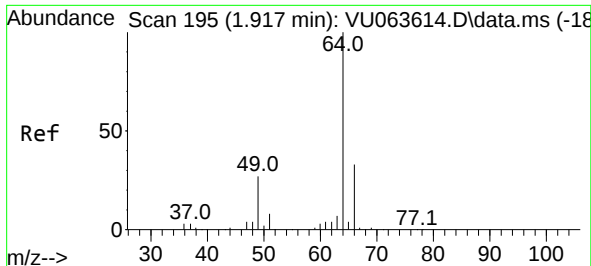
Tgt Ion: 62 Resp: 437697
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.5 41.7



#6
 Bromomethane
 Concen: 169.228 ug/L
 RT: 1.821 min Scan# 165
 Delta R.T. -0.016 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

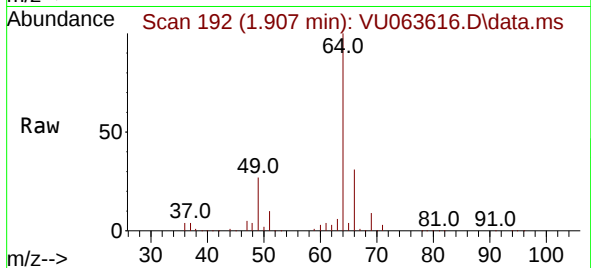
Tgt Ion: 94 Resp: 295103
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.7 122.1



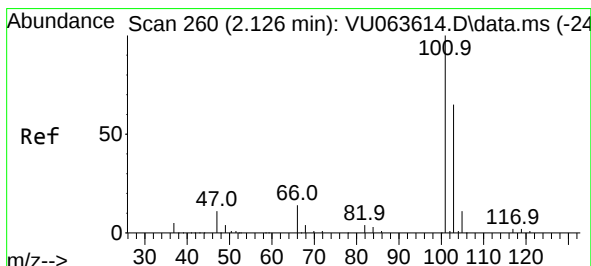
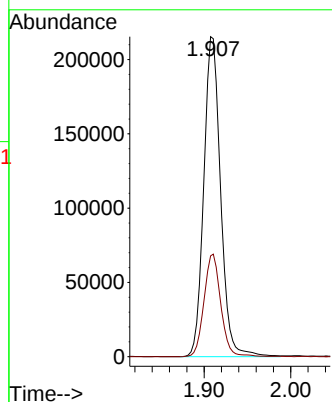
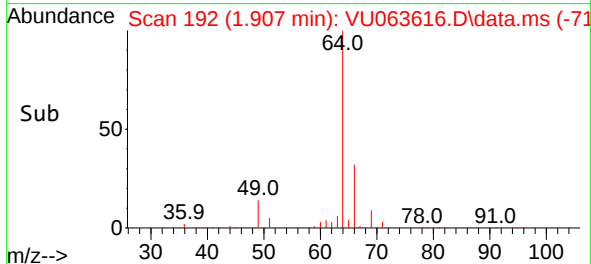


#8
Chloroethane
Concen: 150.143 ug/L
RT: 1.907 min Scan# 195
Delta R.T. -0.010 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

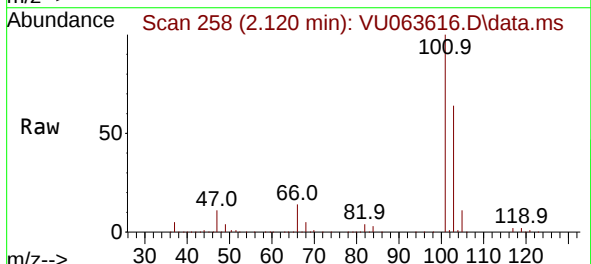
Instrument :
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ClientSampleId :



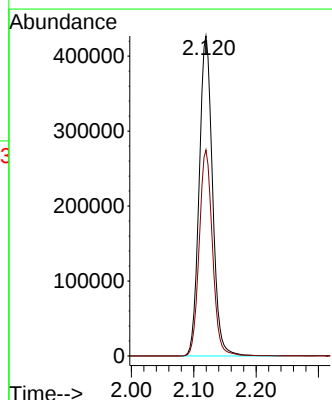
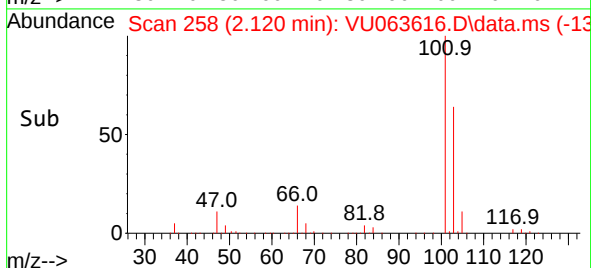
Tgt Ion: 64 Resp: 290776
Ion Ratio Lower Upper
64 100
66 31.5 22.8 42.4

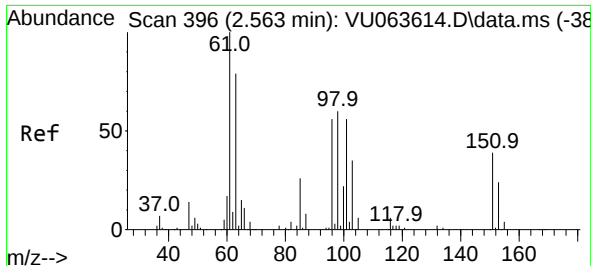


#9
Trichlorofluoromethane
Concen: 170.646 ug/L
RT: 2.120 min Scan# 258
Delta R.T. -0.007 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01



Tgt Ion:101 Resp: 635700
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7

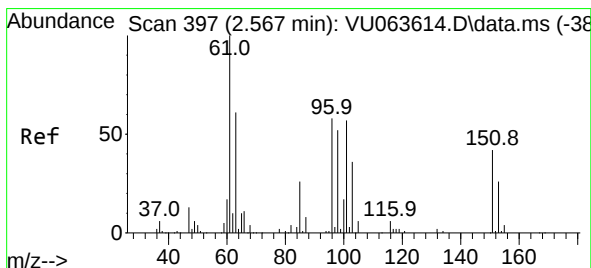
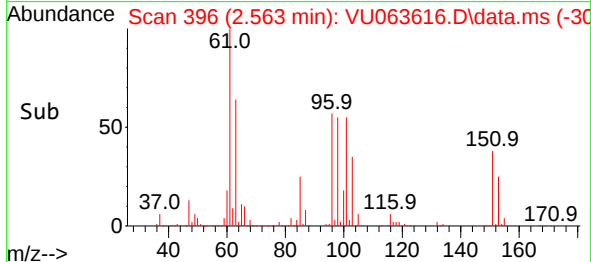
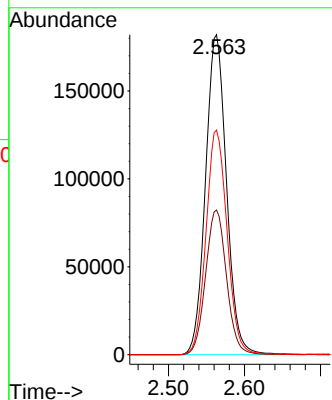
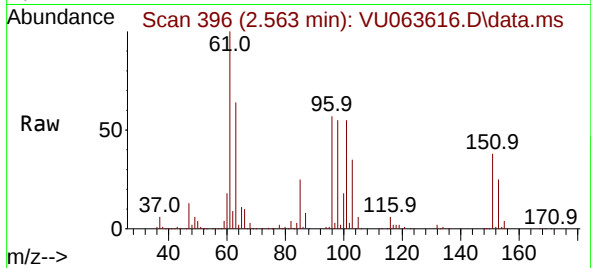




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 158.444 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.000 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

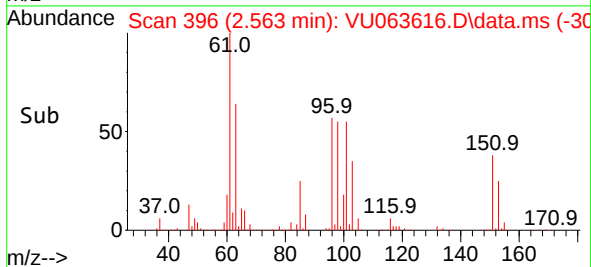
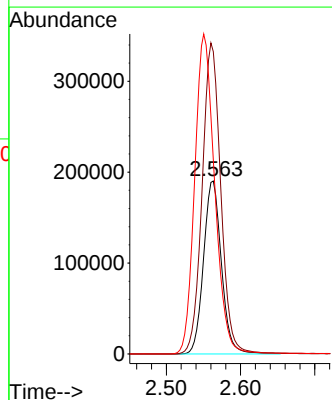
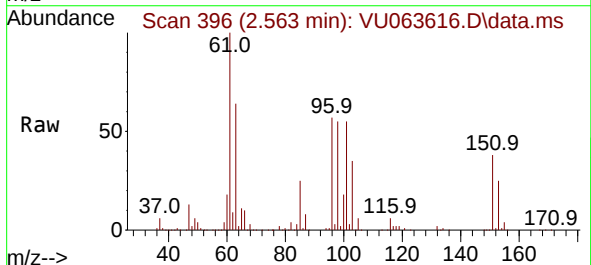
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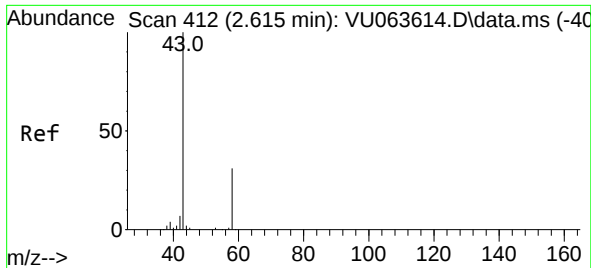
Tgt Ion:101 Resp: 348874
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.8 55.2
 151 70.7 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 164.042 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.003 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

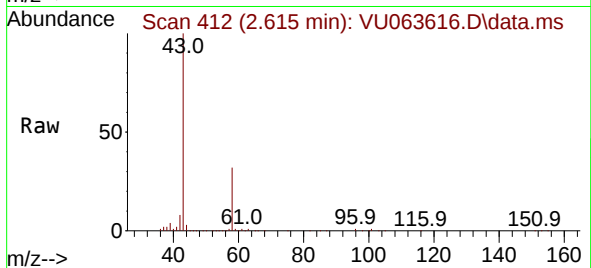
Tgt Ion: 96 Resp: 318131
 Ion Ratio Lower Upper
 96 100
 61 174.7 121.4 225.4
 63 112.2 81.5 151.3



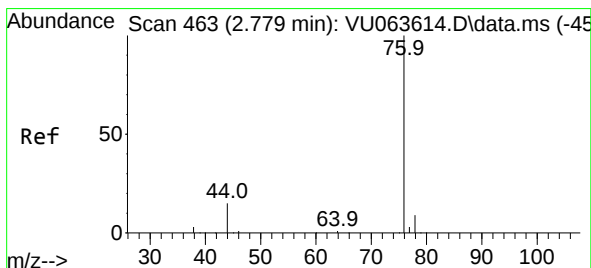
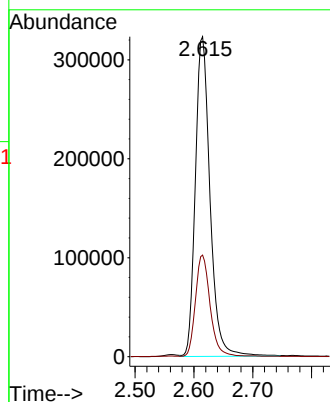
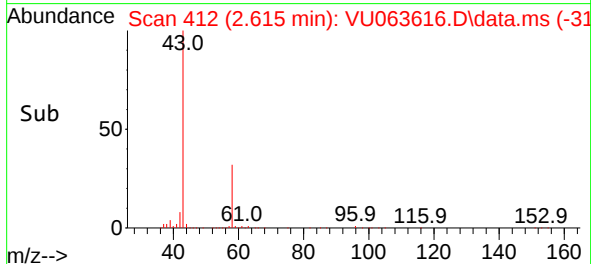


#13
Acetone
Concen: 425.576 ug/L
RT: 2.615 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Instrument :
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ClientSampleId :

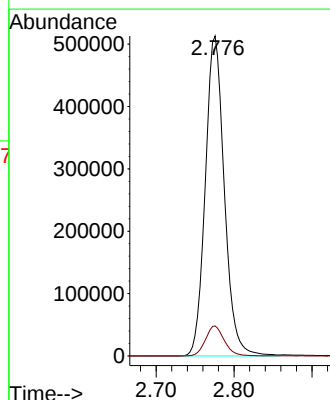
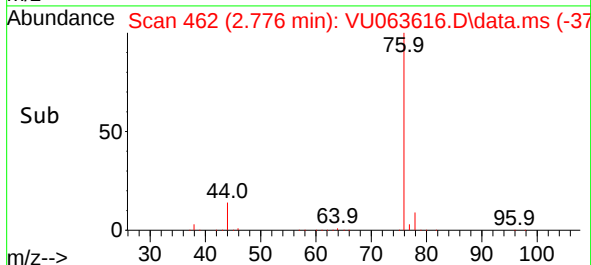
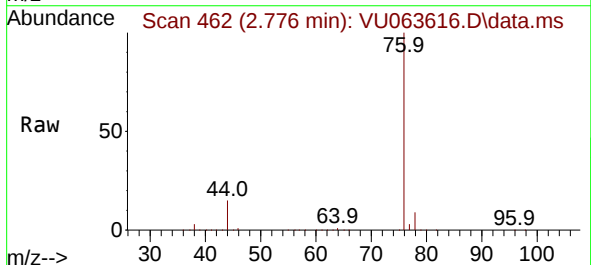


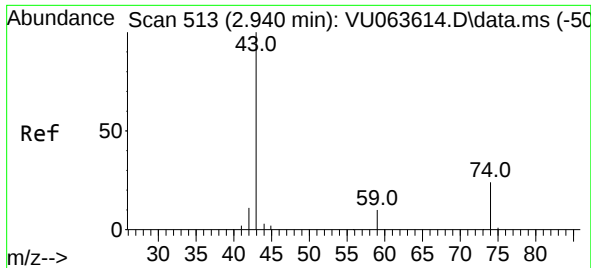
Tgt Ion: 43 Resp: 559963
Ion Ratio Lower Upper
43 100
58 31.4 0.0 62.4



#14
Carbon disulfide
Concen: 141.232 ug/L
RT: 2.776 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

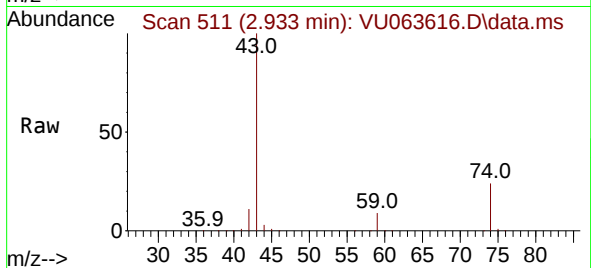
Tgt Ion: 76 Resp: 873941
Ion Ratio Lower Upper
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78 9.4 7.4 11.2



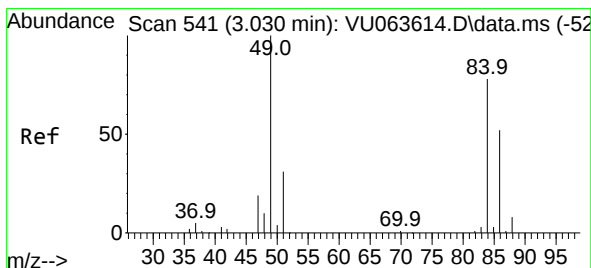
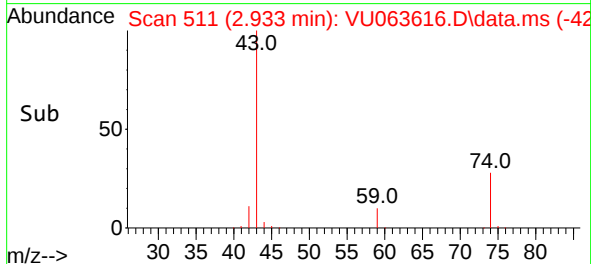
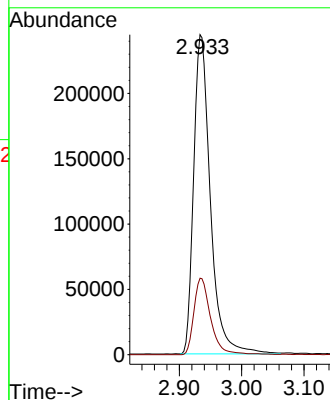


#15
Methyl Acetate
Concen: 169.205 ug/L
RT: 2.933 min Scan# 511
Delta R.T. -0.007 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :

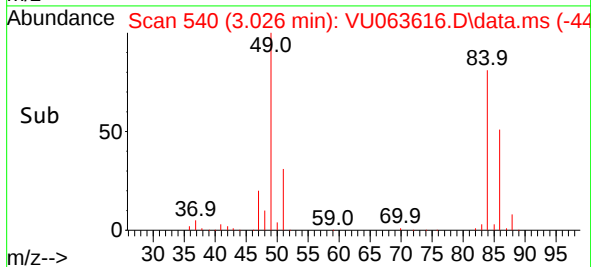
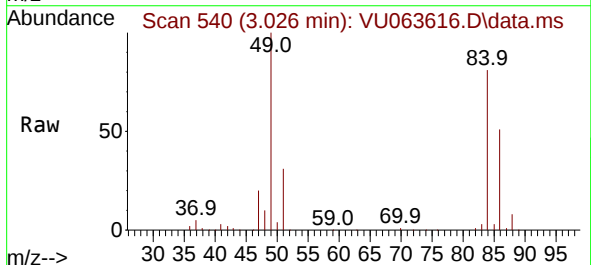
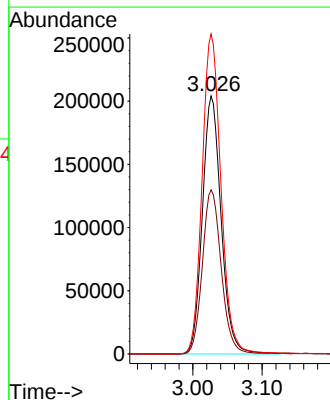


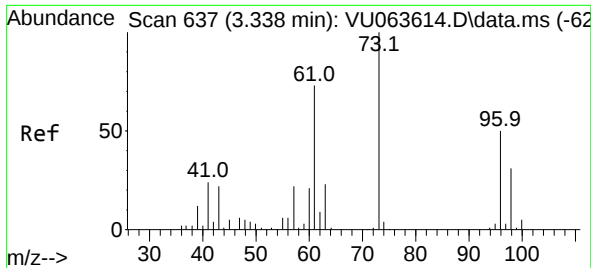
Tgt Ion: 43 Resp: 454002
Ion Ratio Lower Upper
43 100
74 23.8 18.0 27.0



#16
Methylene chloride
Concen: 152.700 ug/L
RT: 3.026 min Scan# 540
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

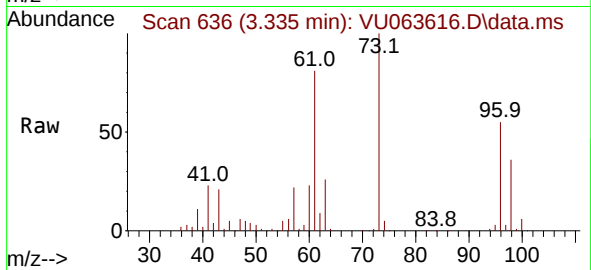
Tgt Ion: 84 Resp: 383420
Ion Ratio Lower Upper
84 100
86 63.6 47.2 87.6
49 124.0 90.2 167.4



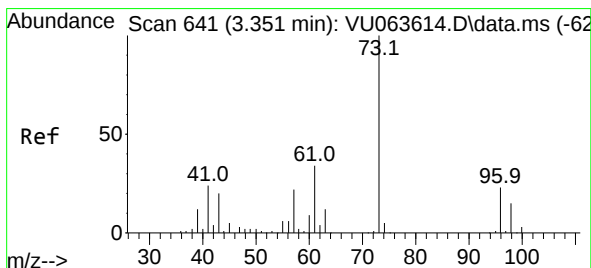
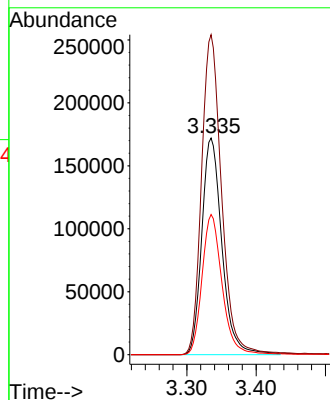
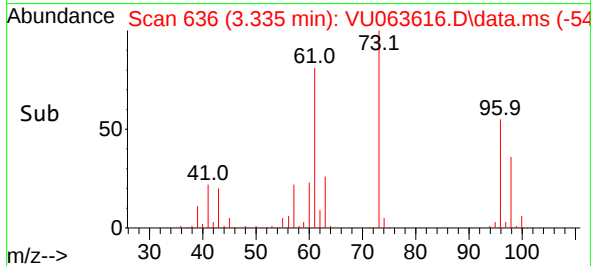


#17
trans-1,2-Dichloroethene
Concen: 166.814 ug/L
RT: 3.335 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :

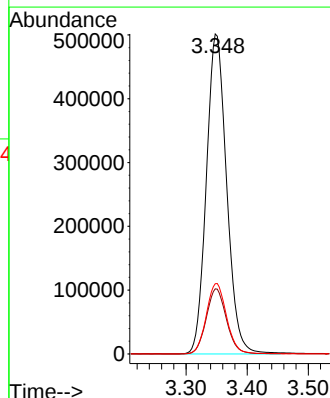
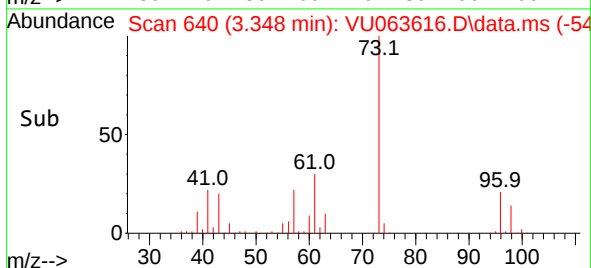
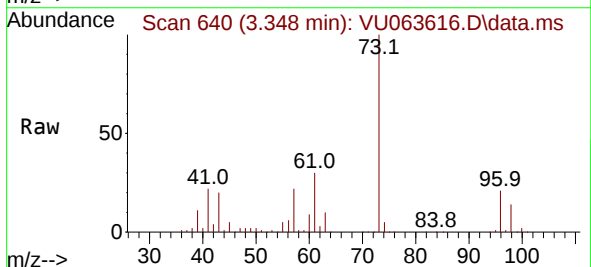


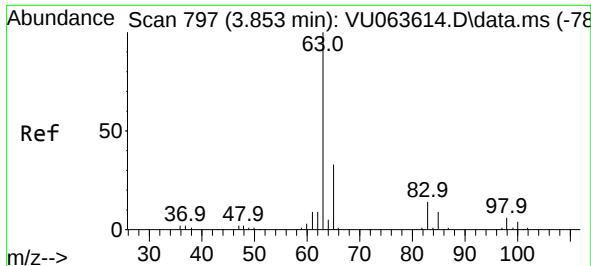
Tgt Ion: 96 Resp: 347330
Ion Ratio Lower Upper
96 100
61 147.7 102.2 189.8
98 64.6 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 182.537 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion: 73 Resp: 1155247
Ion Ratio Lower Upper
73 100
43 20.0 16.5 24.7
57 22.0 17.8 26.6





#19

1,1-Dichloroethane

Concen: 162.120 ug/L

RT: 3.849 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

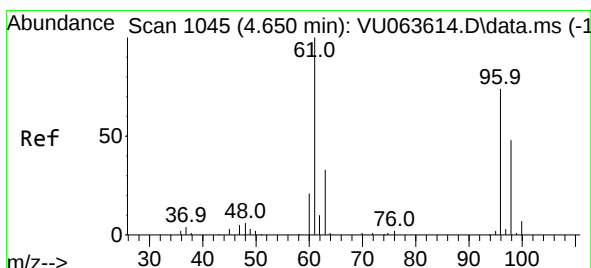
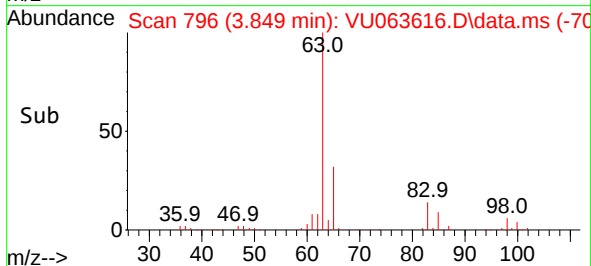
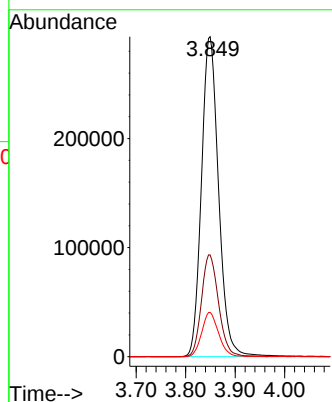
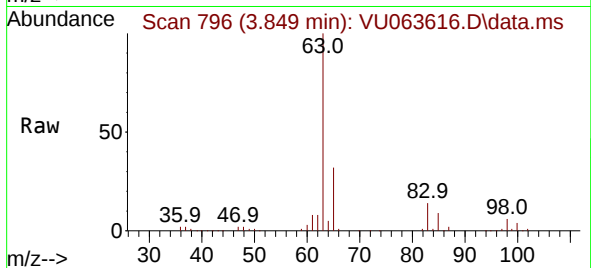
Tgt Ion: 63 Resp: 706655

Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.8

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 174.378 ug/L

RT: 4.647 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

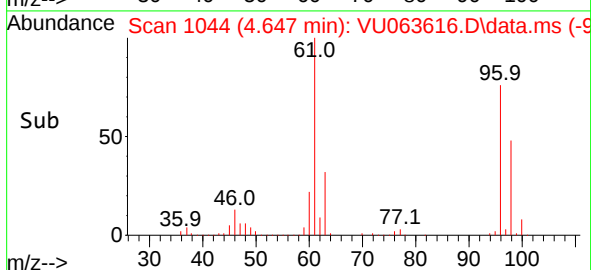
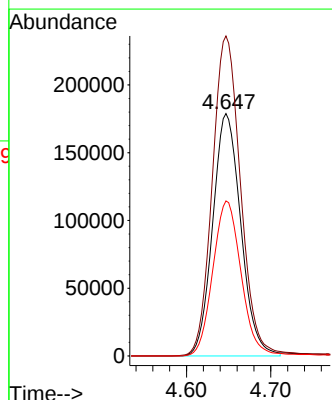
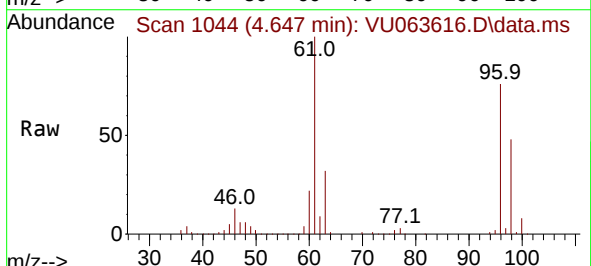
Tgt Ion: 96 Resp: 414263

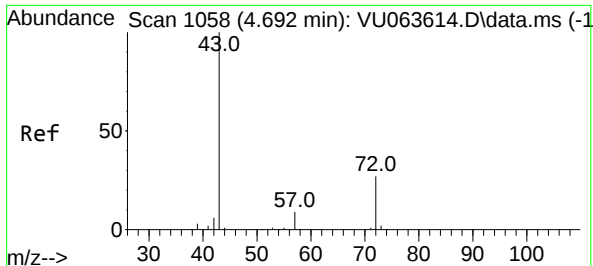
Ion Ratio Lower Upper

96 100

61 132.0 95.5 177.3

98 63.9 46.1 85.7





#22

2-Butanone

Concen: 373.823 ug/L

RT: 4.685 min Scan# 11056

Delta R.T. -0.007 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Instrument :

MSVOA_U

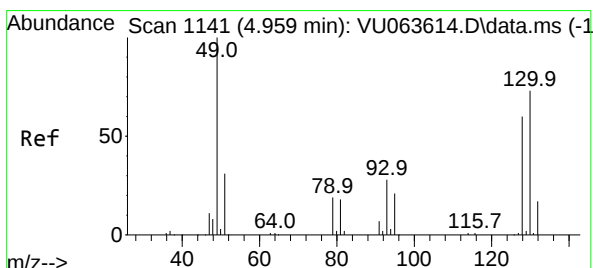
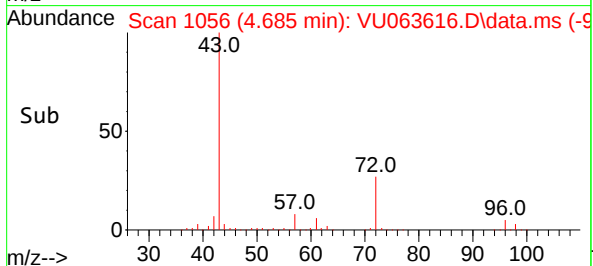
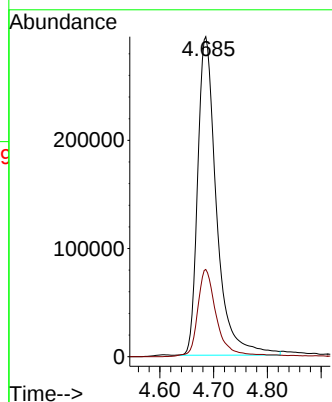
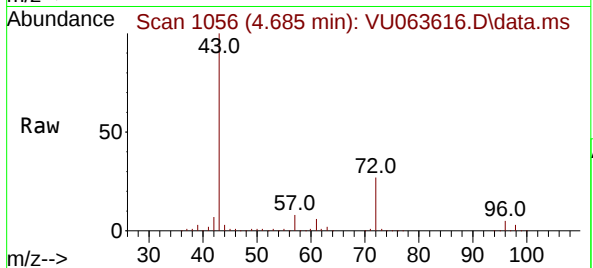
ClientSampleId :

Tgt Ion: 43 Resp: 715996

Ion Ratio Lower Upper

43 100

72 27.3 12.7 38.1



#23

Bromochloromethane

Concen: 168.707 ug/L

RT: 4.955 min Scan# 1140

Delta R.T. -0.003 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Tgt Ion:128 Resp: 214881

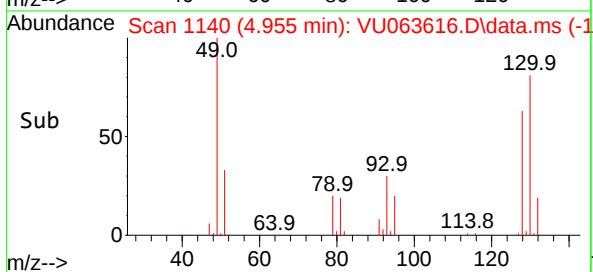
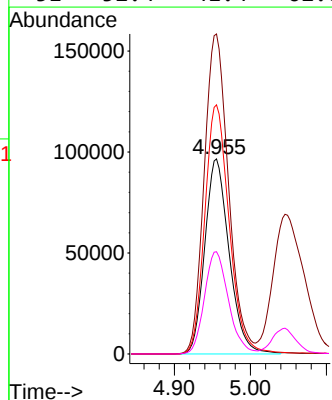
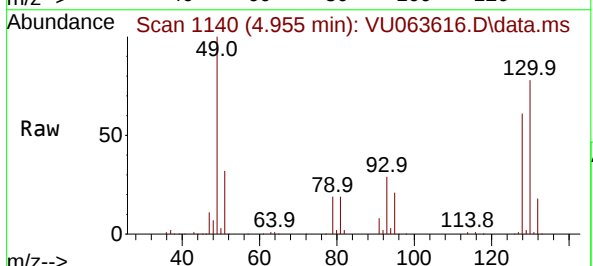
Ion Ratio Lower Upper

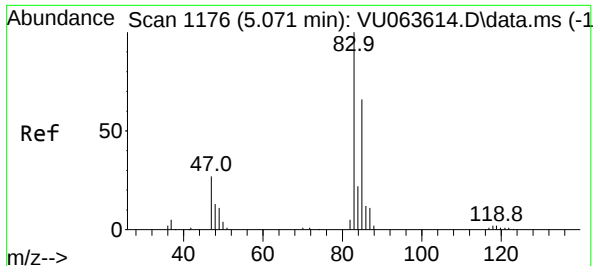
128 100

49 164.1 116.6 216.5

130 127.8 85.6 159.0

51 52.4 41.4 62.0





#25

Chloroform

Concen: 167.982 ug/L

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Instrument :

MSVOA_U

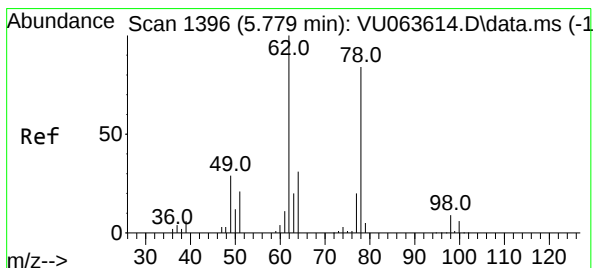
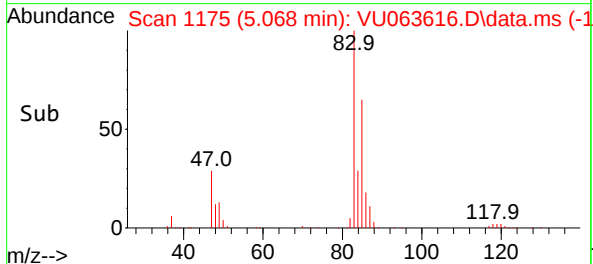
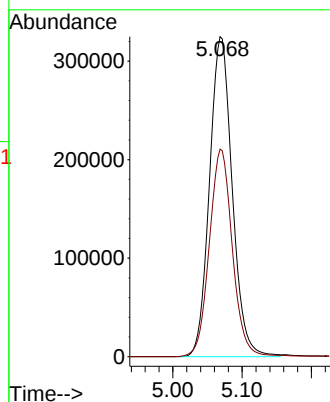
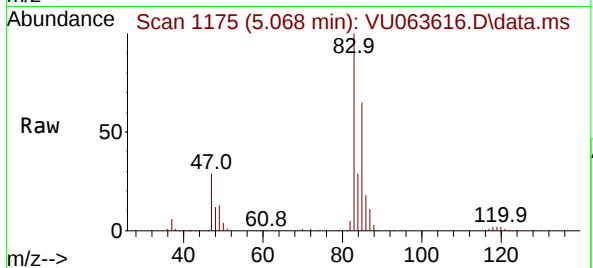
ClientSampleId :

Tgt Ion: 83 Resp: 739706

Ion Ratio Lower Upper

83 100

85 64.8 46.1 85.7



#27

1,2-Dichloroethane

Concen: 173.872 ug/L

RT: 5.775 min Scan# 1395

Delta R.T. -0.003 min

Lab File: VU063616.D

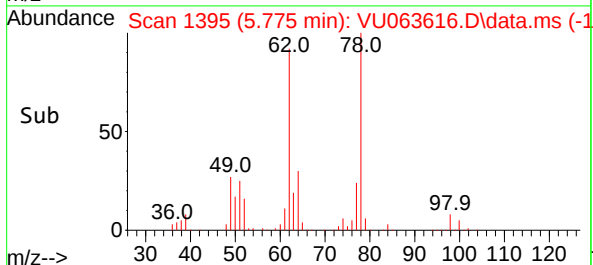
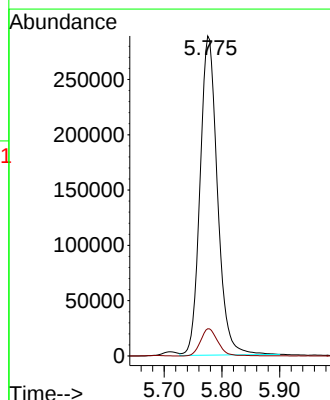
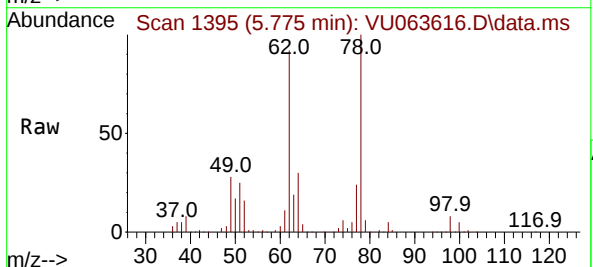
Acq: 22 Sep 2025 12:01

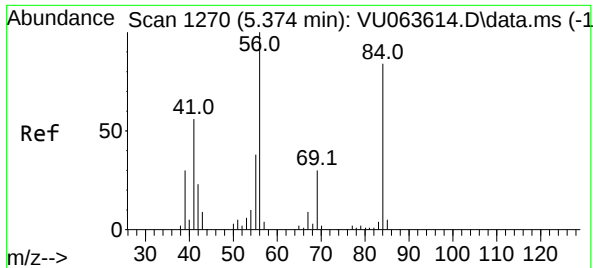
Tgt Ion: 62 Resp: 604180

Ion Ratio Lower Upper

62 100

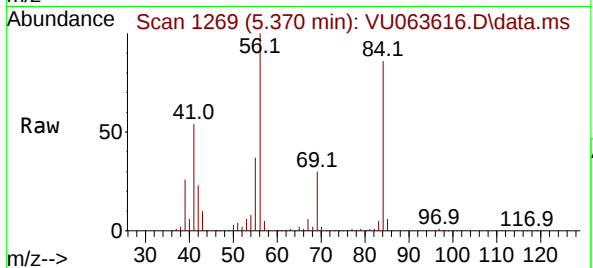
98 8.5 7.1 10.7



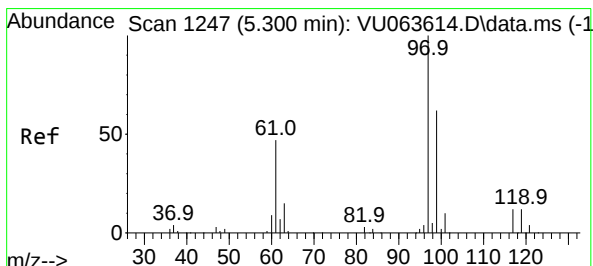
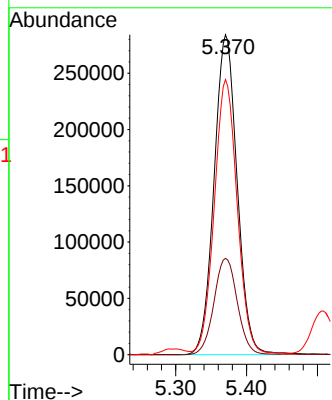
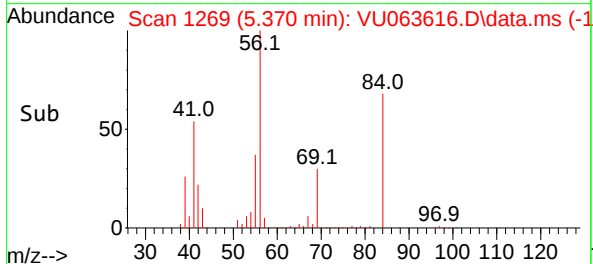


#29
Cyclohexane
Concen: 179.256 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

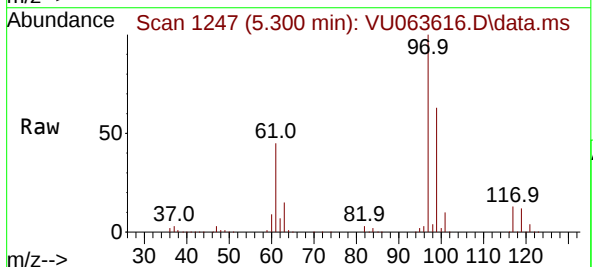
Instrument :
MSVOA_U
ClientSampleId :



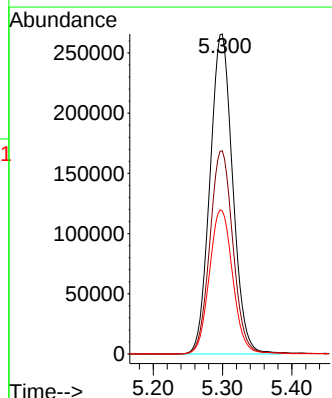
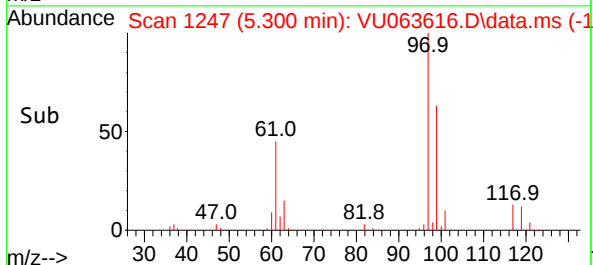
Tgt Ion: 56 Resp: 642692
Ion Ratio Lower Upper
56 100
69 30.6 24.0 36.0
84 84.1 65.7 98.5

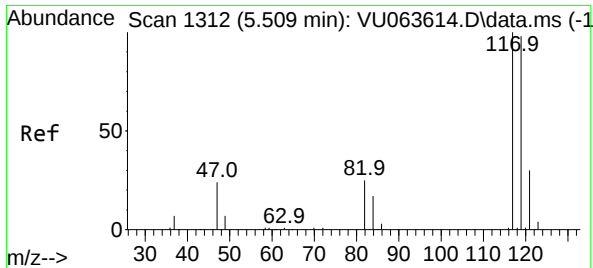


#30
1,1,1-Trichloroethane
Concen: 176.630 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01



Tgt Ion: 97 Resp: 606552
Ion Ratio Lower Upper
97 100
99 64.6 50.6 75.8
61 46.2 38.0 57.0

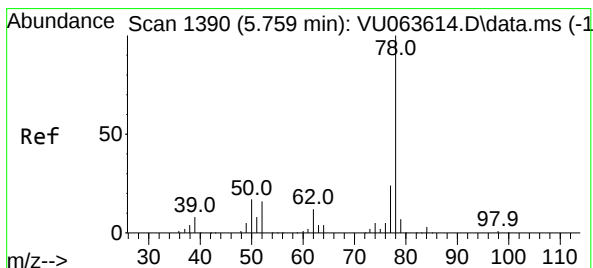
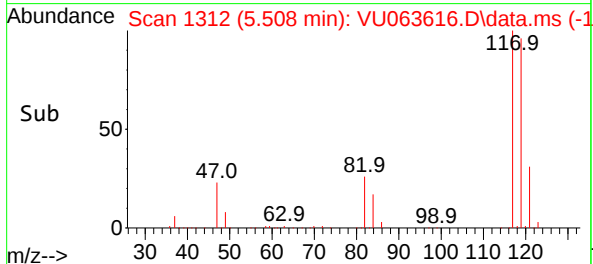
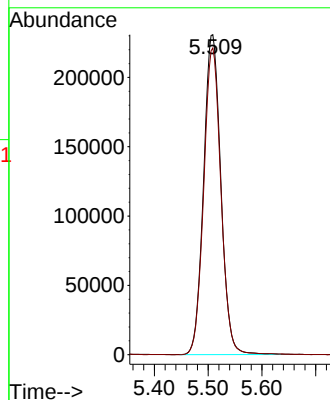
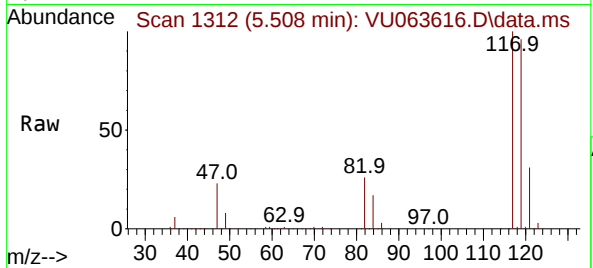




#31
Carbon tetrachloride
Concen: 181.418 ug/L
RT: 5.508 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

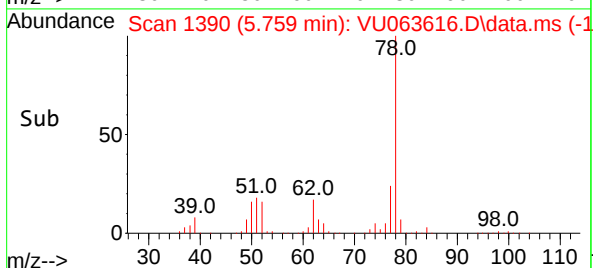
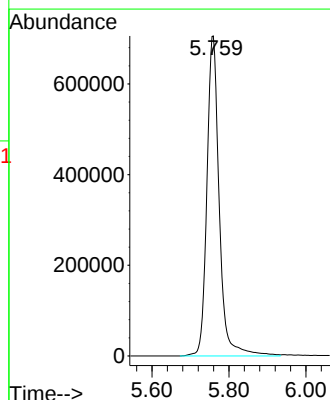
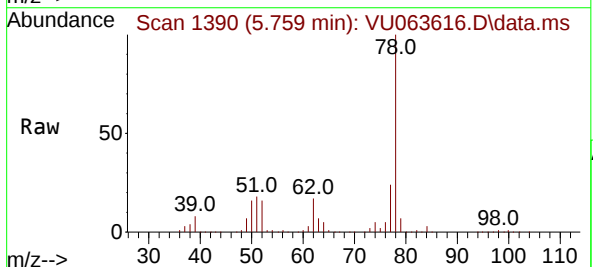
Instrument :
MSVOA_U
ClientSampleId :

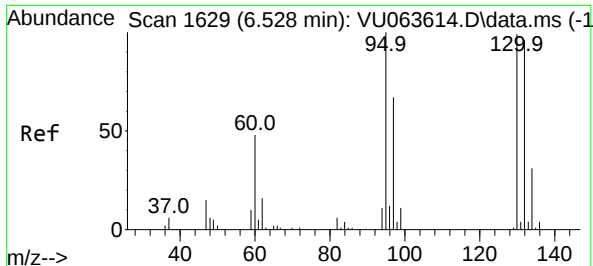
Tgt Ion:117 Resp: 514852
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.6



#33
Benzene
Concen: 169.079 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion: 78 Resp: 1571968

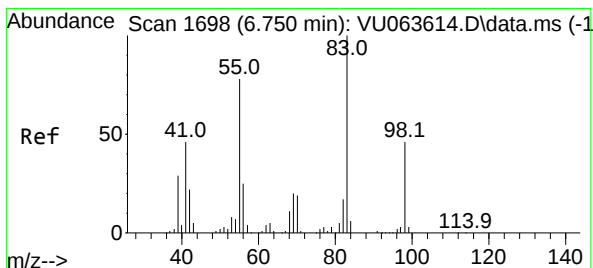
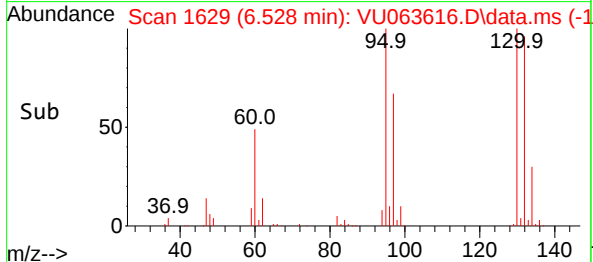
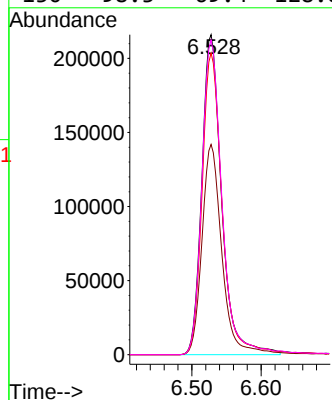
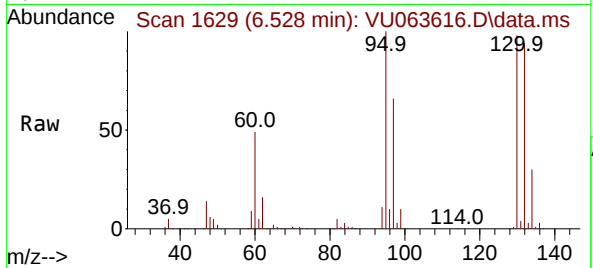




#34
Trichloroethene
Concen: 178.843 ug/L
RT: 6.528 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

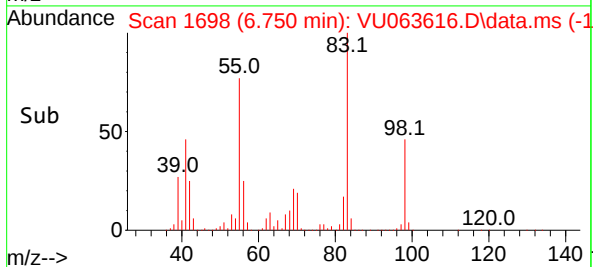
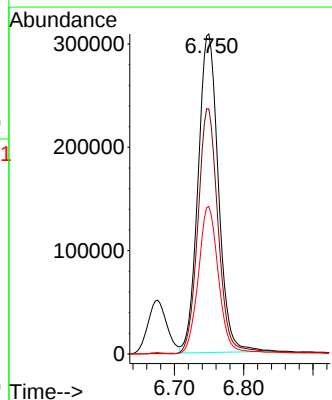
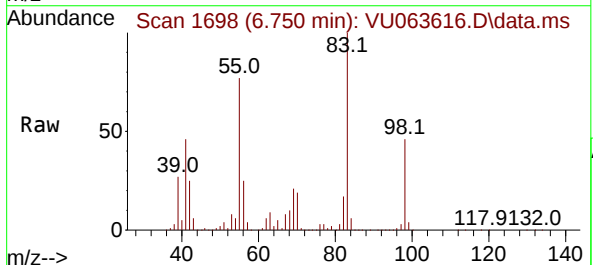
Instrument :
MSVOA_U
ClientSampleId :

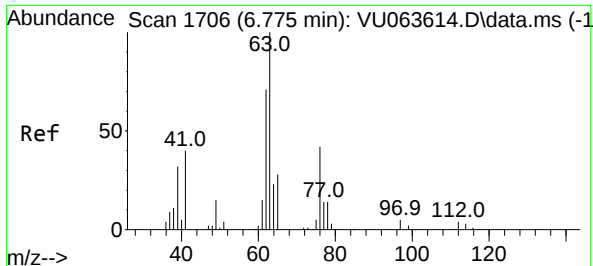
Tgt Ion: 95 Resp: 430578
Ion Ratio Lower Upper
95 100
97 65.7 46.6 86.6
132 94.3 66.8 124.2
130 98.3 69.4 128.8



#35
Methylcyclohexane
Concen: 176.014 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion: 83 Resp: 628489
Ion Ratio Lower Upper
83 100
55 76.6 63.4 95.0
98 45.5 37.3 55.9





#37

1,2-Dichloropropane

Concen: 160.127 ug/L

RT: 6.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Instrument :

MSVOA_U

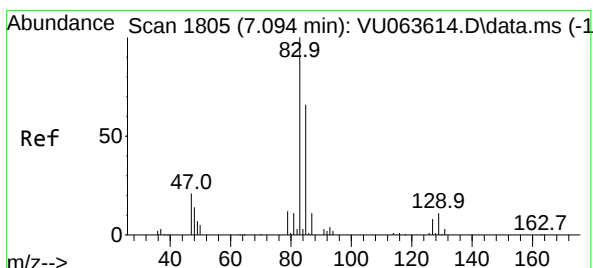
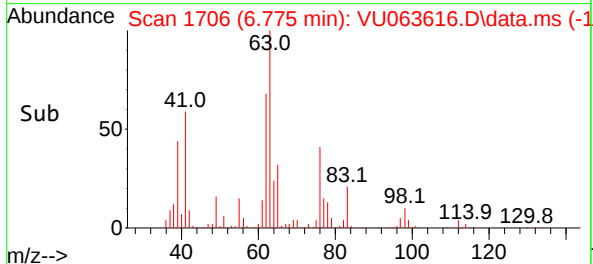
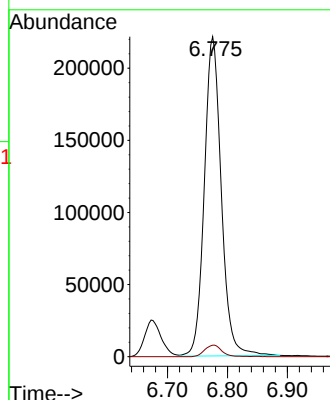
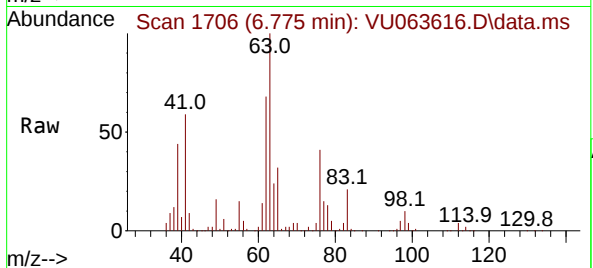
ClientSampleId :

Tgt Ion: 63 Resp: 436596

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.6



#38

Bromodichloromethane

Concen: 167.804 ug/L

RT: 7.090 min Scan# 1804

Delta R.T. -0.003 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

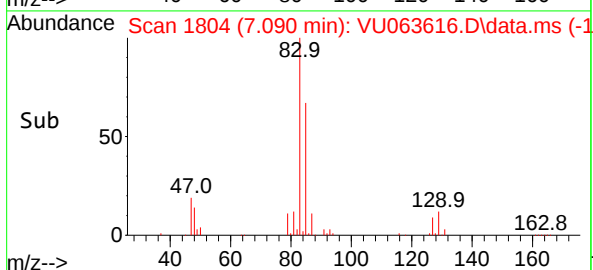
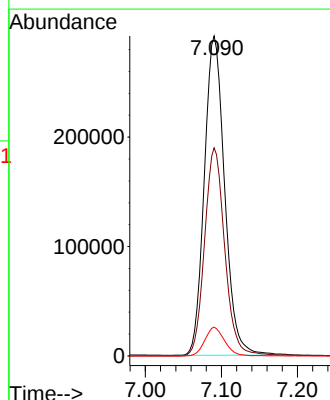
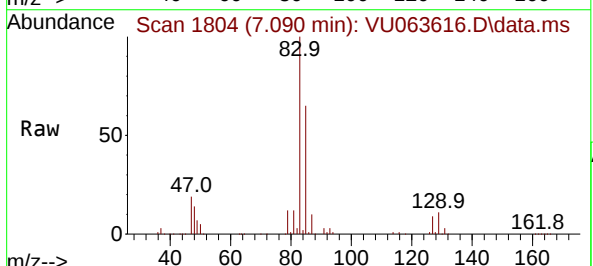
Tgt Ion: 83 Resp: 543008

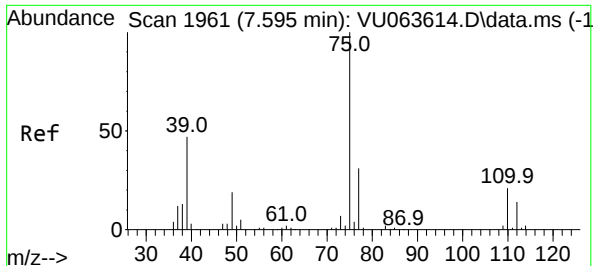
Ion Ratio Lower Upper

83 100

85 65.0 45.9 85.3

127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 178.143 ug/L

RT: 7.592 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Instrument :

MSVOA_U

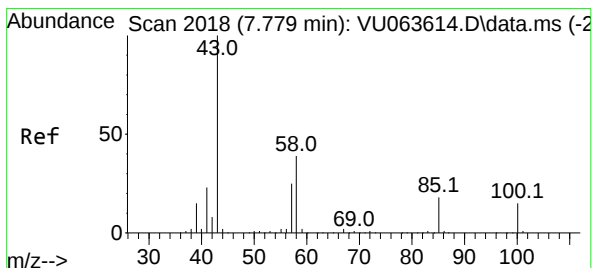
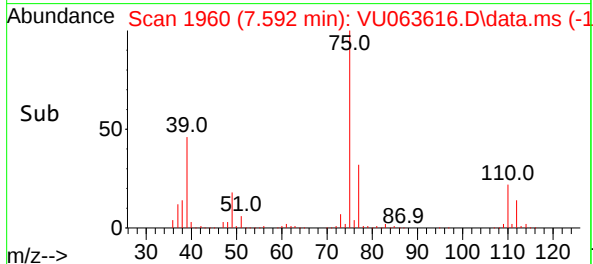
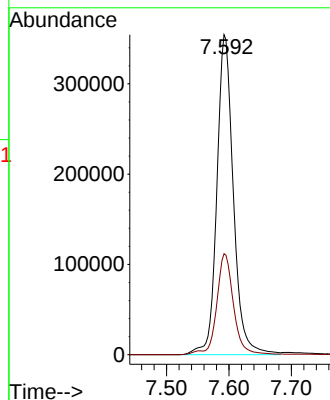
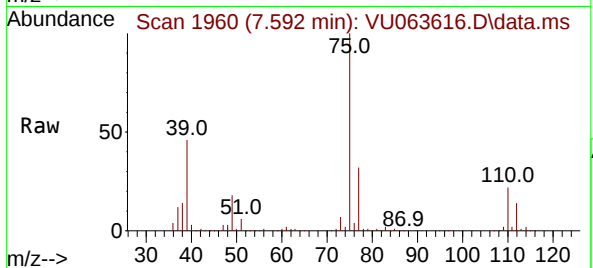
ClientSampleId :

Tgt Ion: 75 Resp: 651567

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 377.228 ug/L

RT: 7.779 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

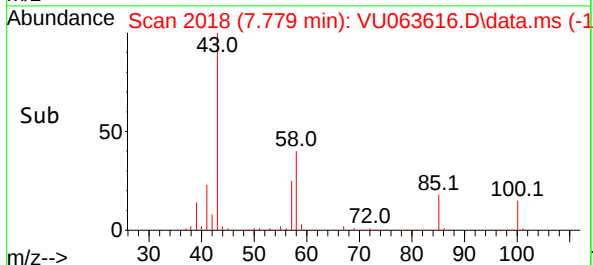
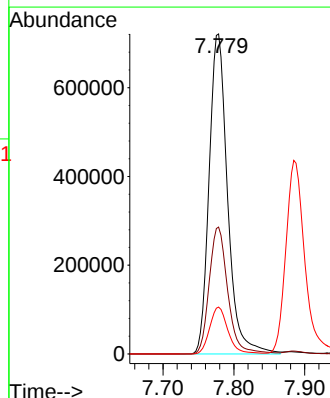
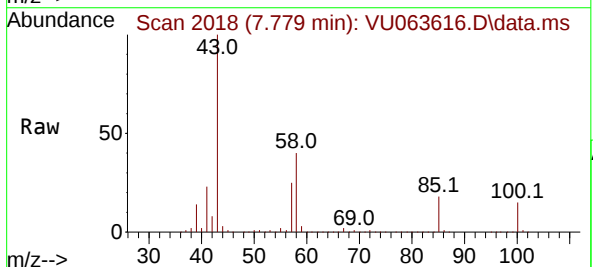
Tgt Ion: 43 Resp: 1303007

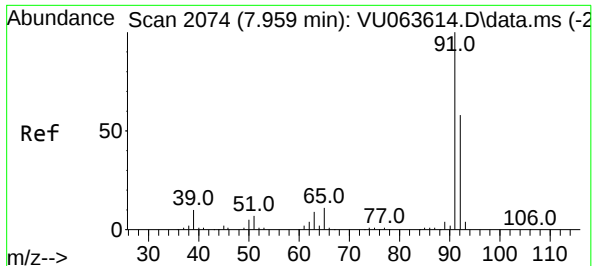
Ion Ratio Lower Upper

43 100

58 39.9 30.9 46.3

100 14.6 11.4 17.2

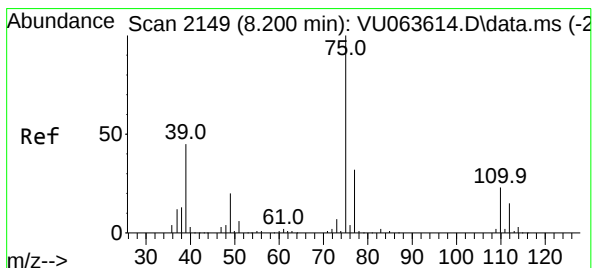
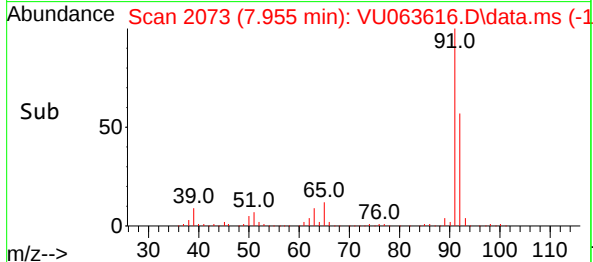
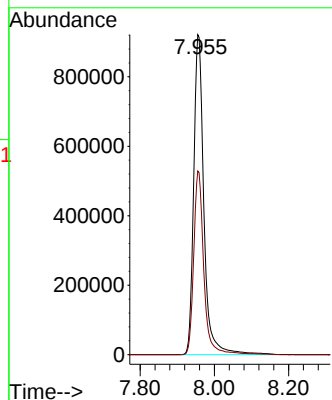
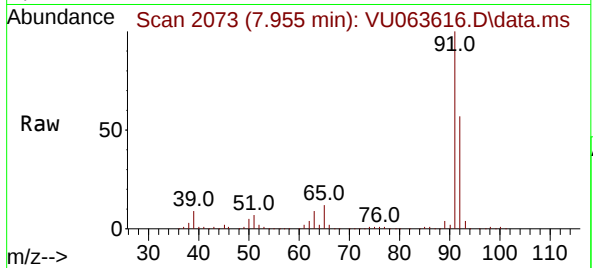




#42
Toluene
Concen: 180.836 ug/L
RT: 7.955 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

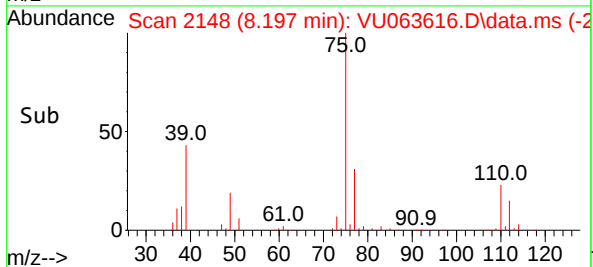
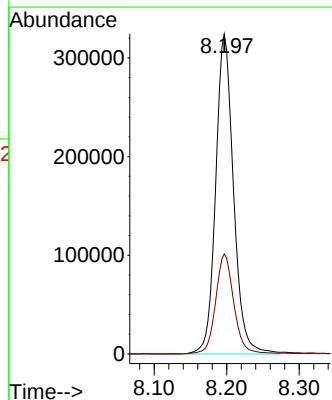
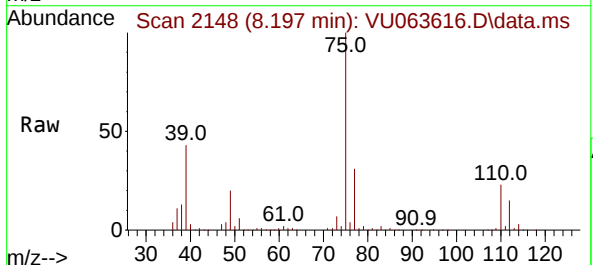
Instrument :
MSVOA_U
ClientSampleId :

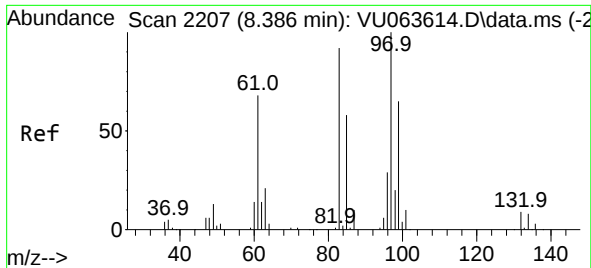
Tgt Ion: 91 Resp: 1759397
Ion Ratio Lower Upper
91 100
92 57.4 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 164.768 ug/L
RT: 8.197 min Scan# 2148
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion: 75 Resp: 554322
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.5



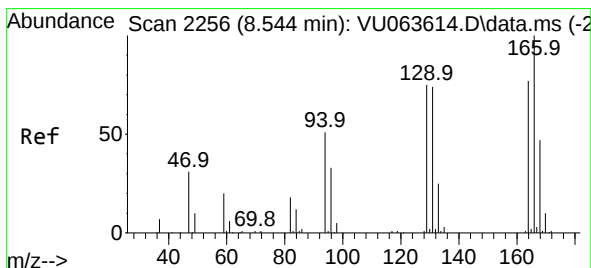
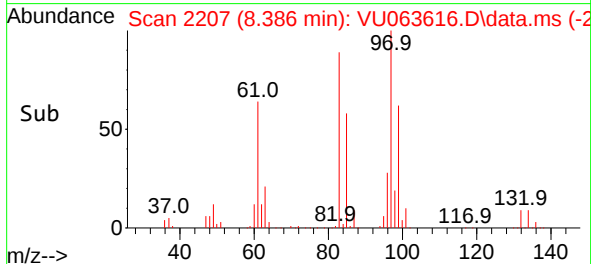
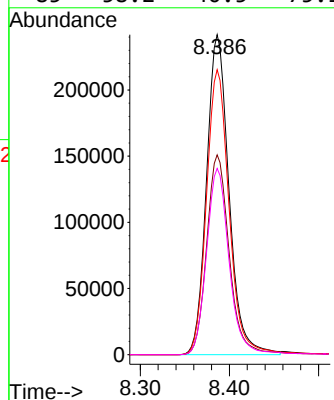
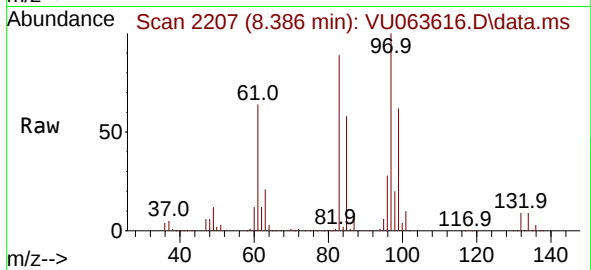


#45
1,1,2-Trichloroethane
Concen: 167.037 ug/L
RT: 8.386 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 423236

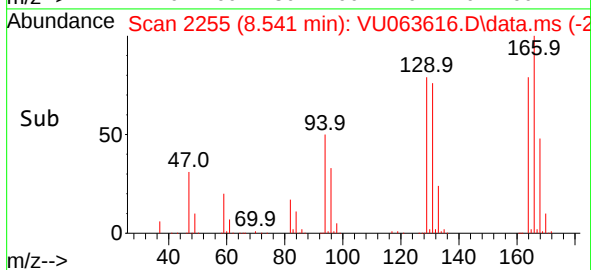
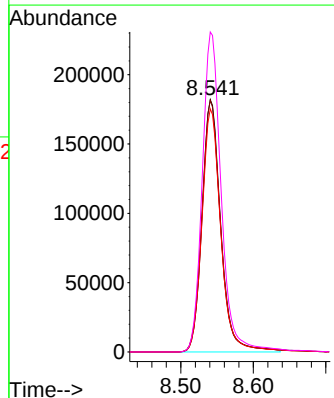
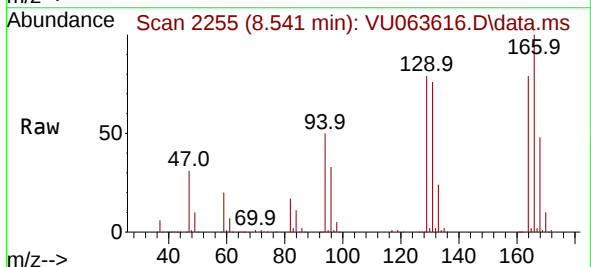
Ion	Ratio	Lower	Upper
97	100		
99	62.5	45.8	85.0
83	89.1	64.4	119.6
85	58.2	40.5	75.1

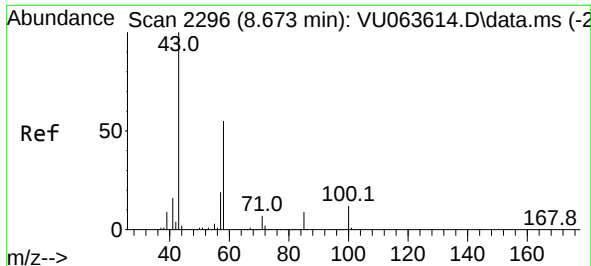


#46
Tetrachloroethene
Concen: 182.384 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion: 164 Resp: 326843

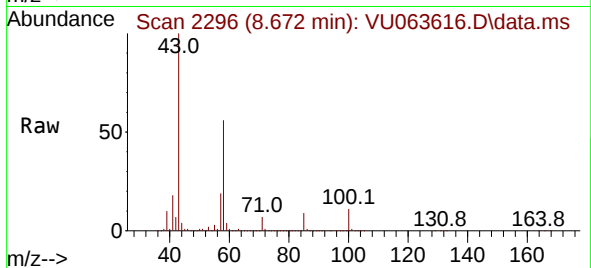
Ion	Ratio	Lower	Upper
164	100		
129	99.8	67.5	125.3
131	96.3	67.0	124.4
166	126.8	90.5	168.1





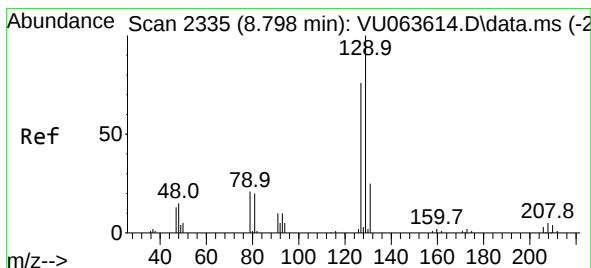
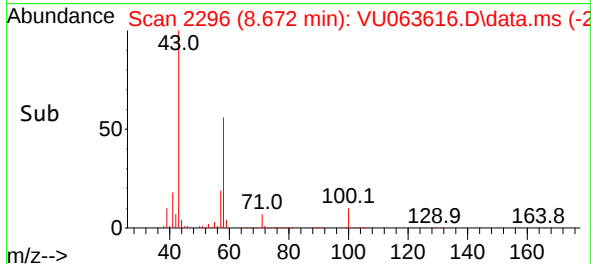
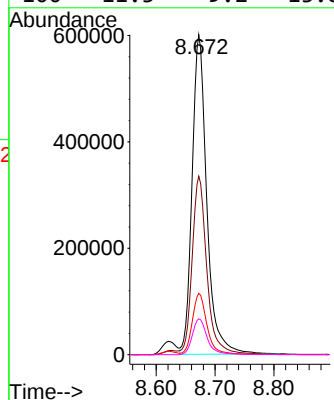
#48
2-Hexanone
Concen: 393.903 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1044812

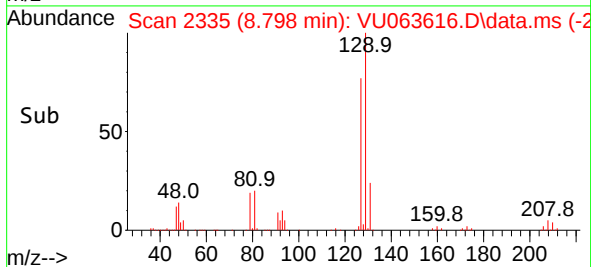
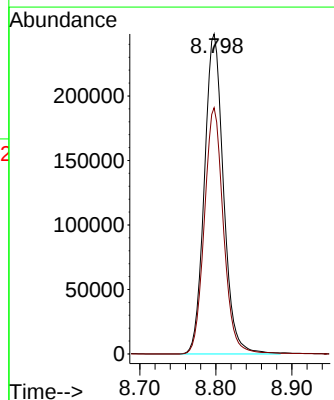
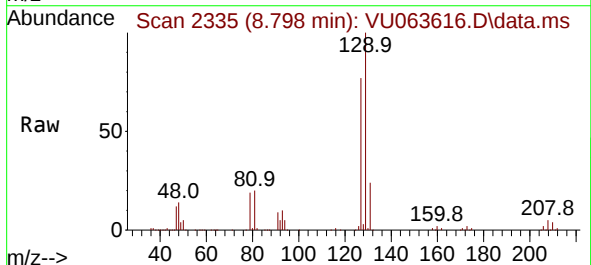
Ion	Ratio	Lower	Upper
43	100		
58	55.2	41.7	62.5
57	19.2	14.7	22.1
100	11.3	9.2	13.8

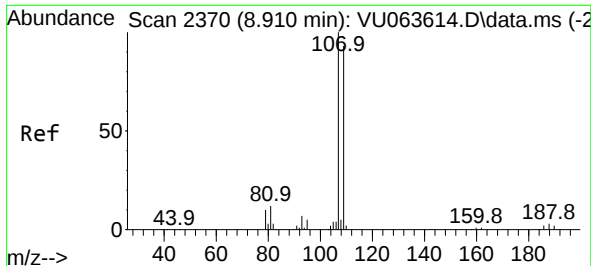


#49
Dibromochloromethane
Concen: 182.369 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion:129 Resp: 432744

Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.1	98.7





#50

1,2-Dibromoethane

Concen: 173.997 ug/L

RT: 8.910 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

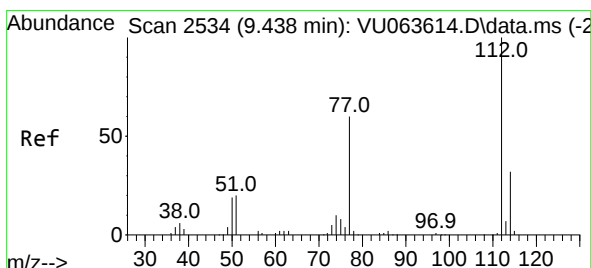
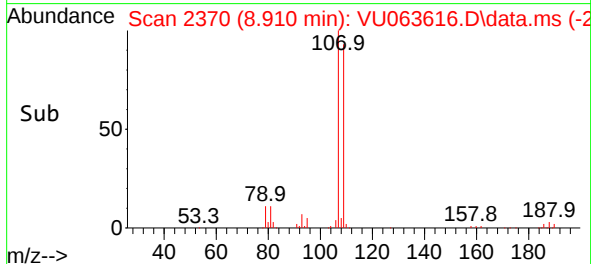
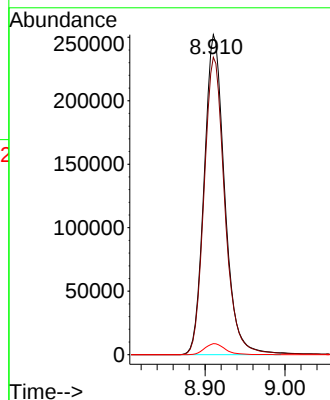
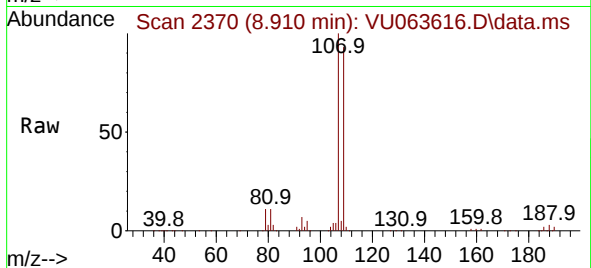
Tgt Ion:107 Resp: 450656

Ion Ratio Lower Upper

107 100

109 93.0 65.0 120.6

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 179.233 ug/L

RT: 9.434 min Scan# 2533

Delta R.T. -0.003 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

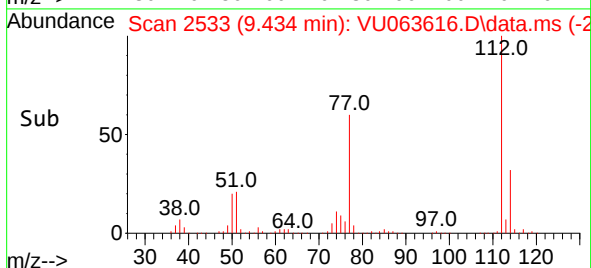
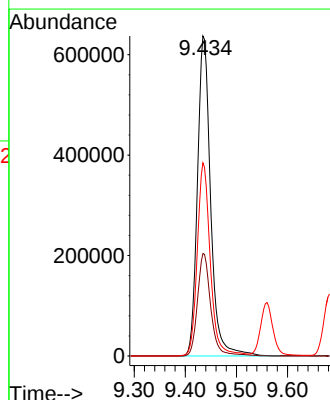
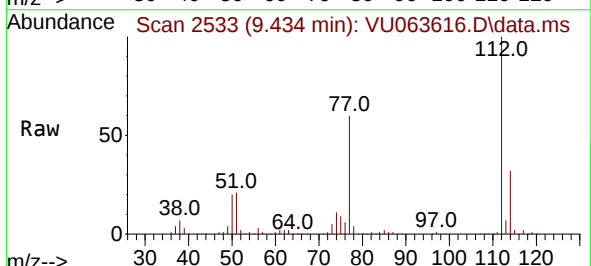
Tgt Ion:112 Resp: 1145289

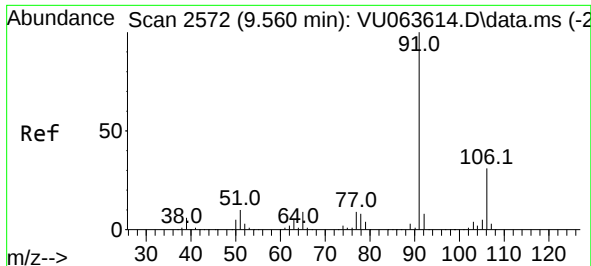
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 60.4 48.2 72.2

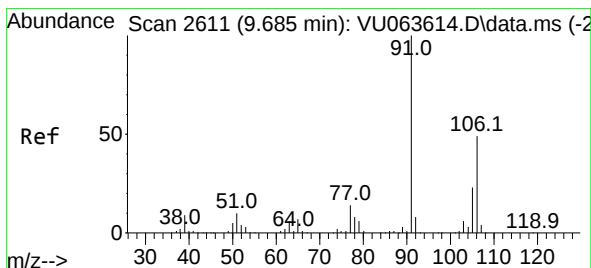
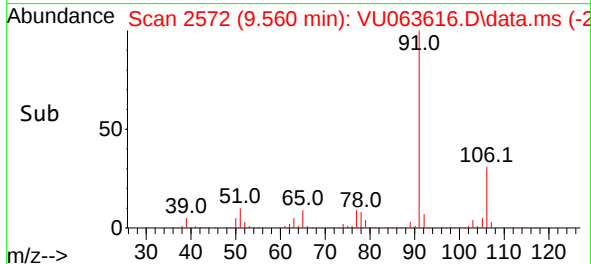
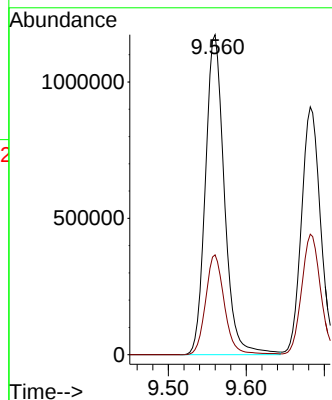
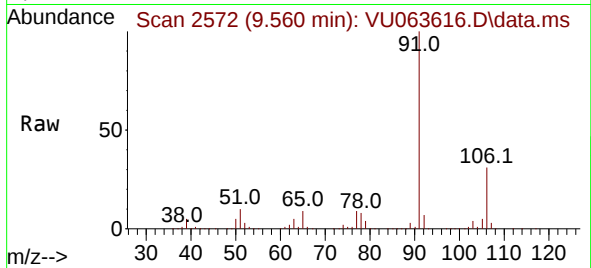




#52
Ethylbenzene
Concen: 191.110 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

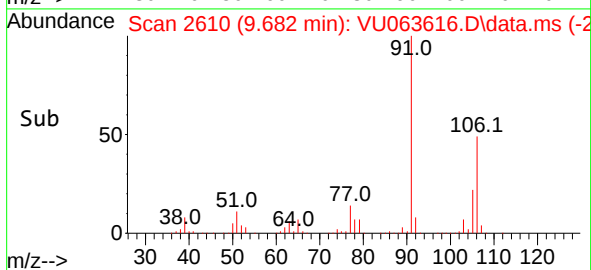
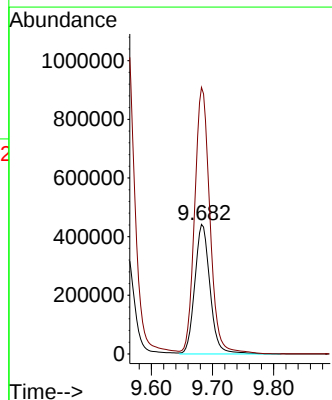
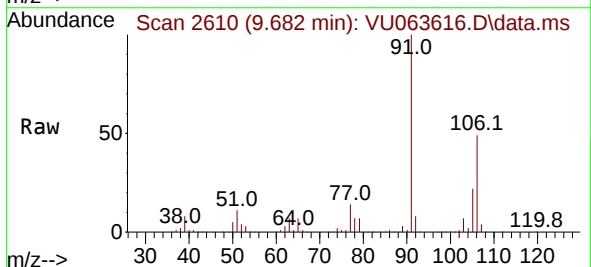
Instrument :
MSVOA_U
ClientSampleId :

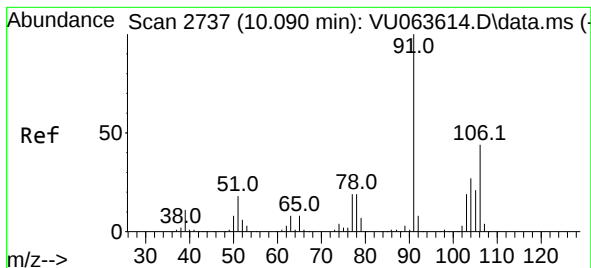
Tgt Ion: 91 Resp: 1981214
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 200.779 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion: 106 Resp: 763144
Ion Ratio Lower Upper
106 100
91 205.7 144.1 267.7





#54

o-Xylene

Concen: 206.030 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Instrument :

MSVOA_U

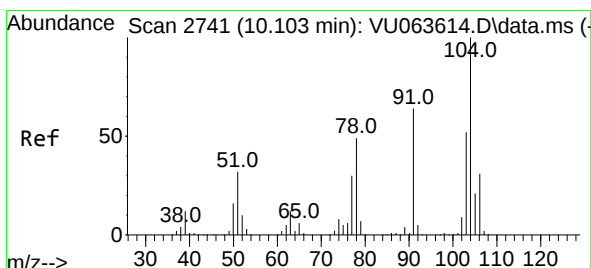
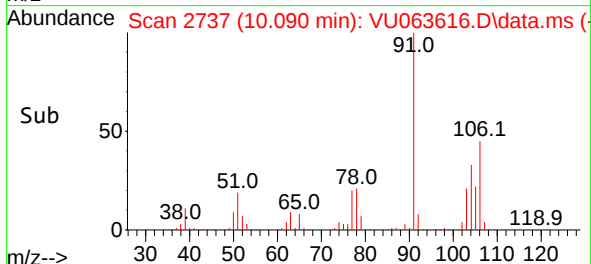
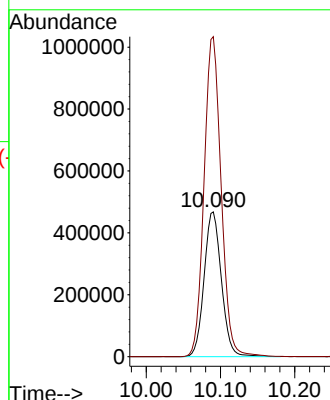
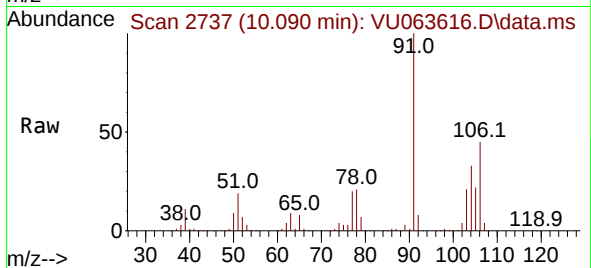
ClientSampleId :

Tgt Ion:106 Resp: 756693

Ion Ratio Lower Upper

106 100

91 221.0 158.5 294.3



#55

Styrene

Concen: 204.766 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.000 min

Lab File: VU063616.D

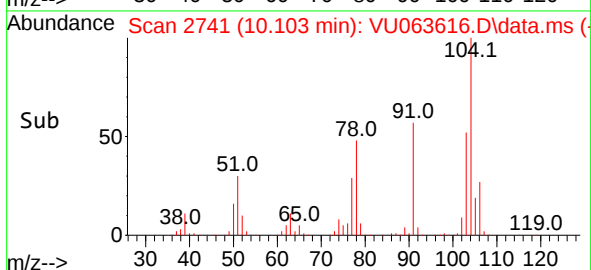
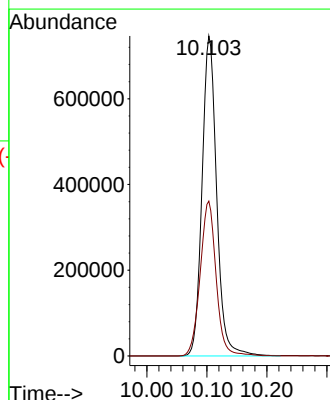
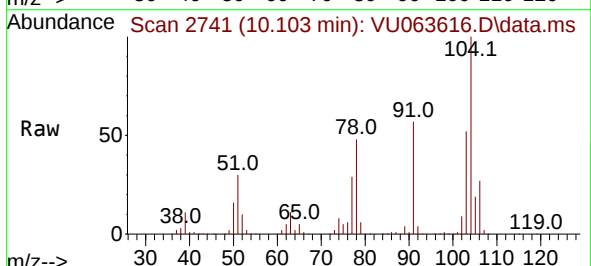
Acq: 22 Sep 2025 12:01

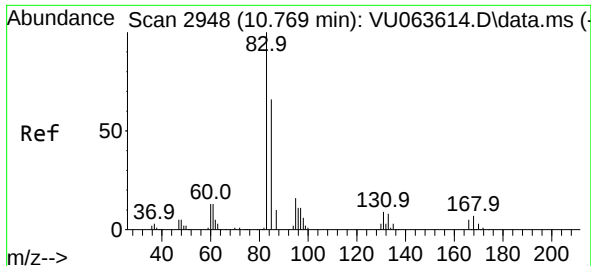
Tgt Ion:104 Resp: 1270620

Ion Ratio Lower Upper

104 100

78 48.4 34.5 64.1

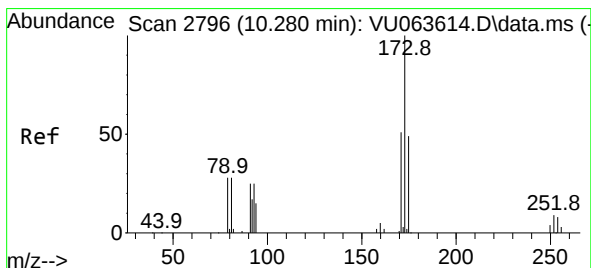
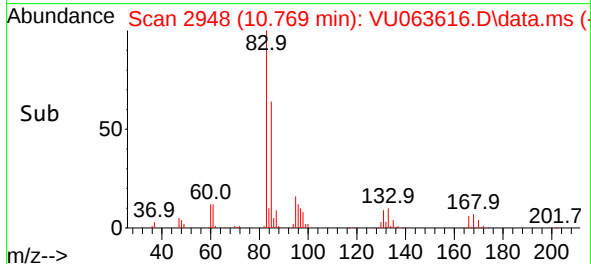
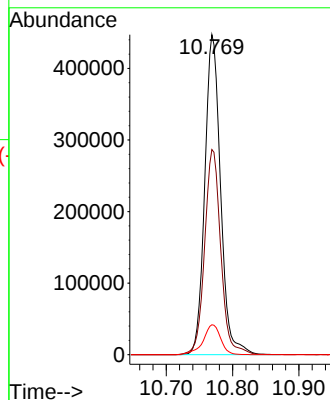
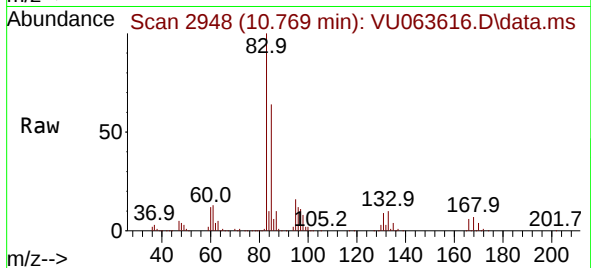




#57
1,1,2,2-Tetrachloroethane
Concen: 165.796 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

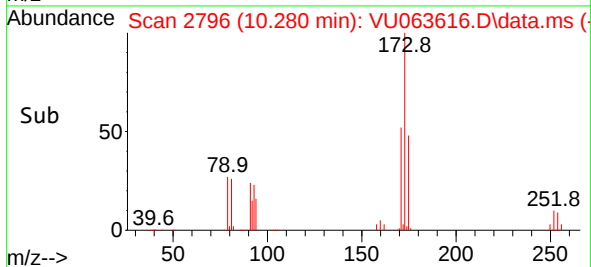
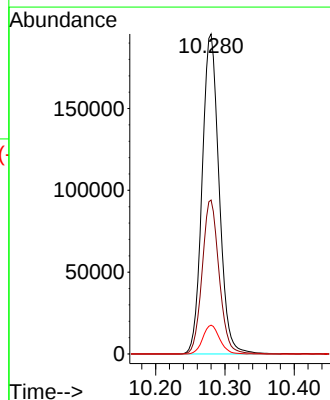
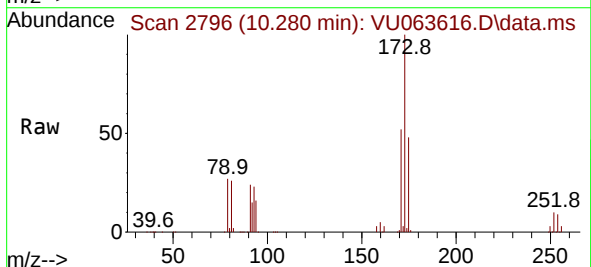
Instrument :
MSVOA_U
ClientSampleId :

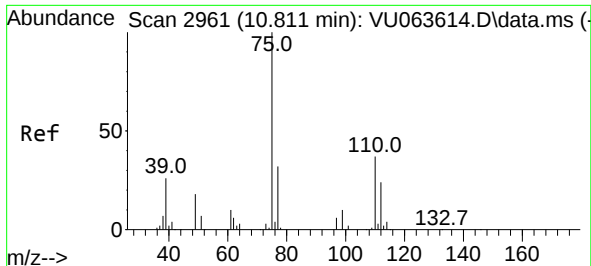
Tgt Ion:	83	Resp:	742050
Ion	Ratio	Lower	Upper
83	100		
85	64.1	46.0	85.4
131	9.4	7.4	11.2



#59
Bromoform
Concen: 169.620 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion:	173	Resp:	331394
Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.3	58.9
254	9.0	6.2	9.4

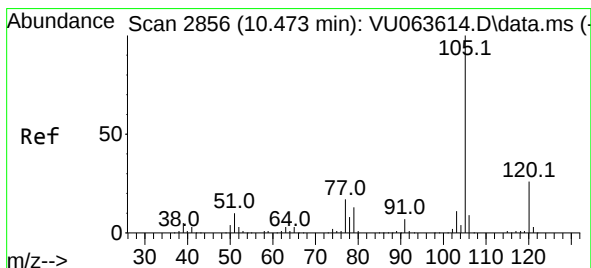
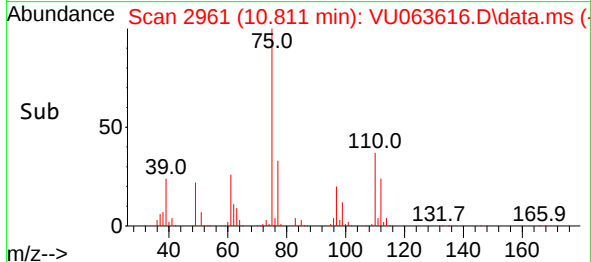
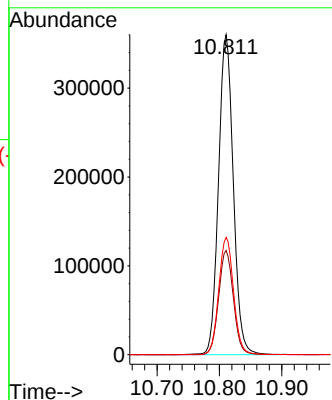
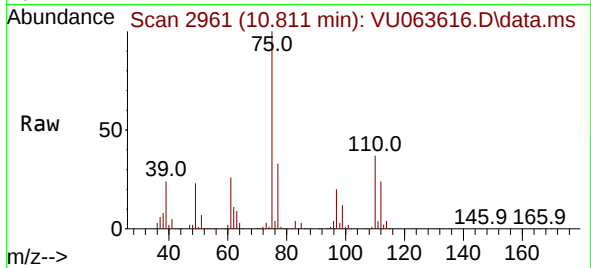




#60
1,2,3-Trichloropropane
Concen: 163.550 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

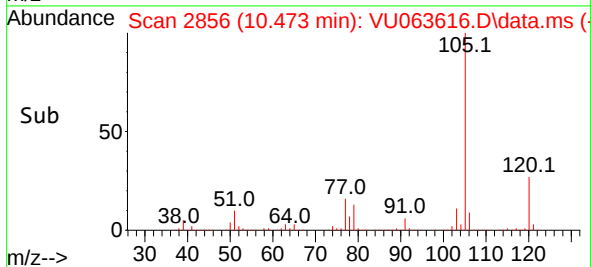
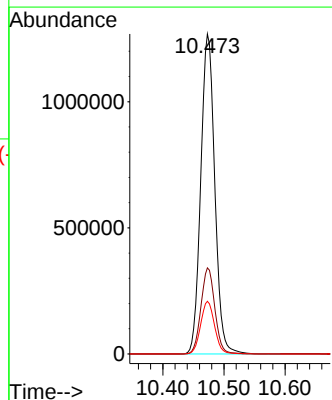
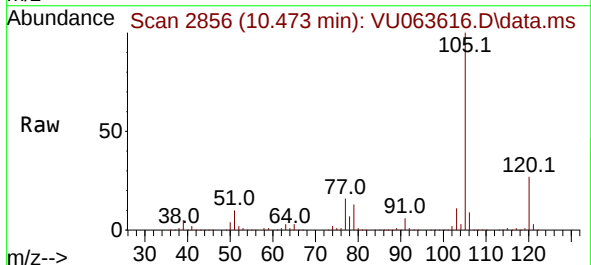
Instrument :
MSVOA_U
ClientSampleId :

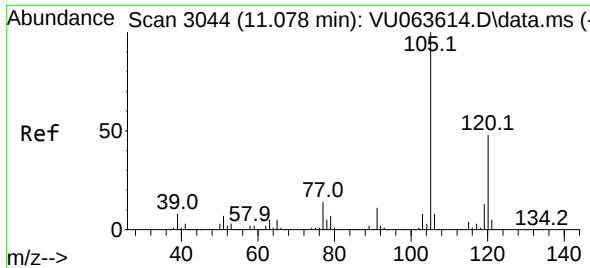
Tgt Ion: 75 Resp: 592381
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 36.8 29.2 43.8



#61
Isopropylbenzene
Concen: 198.270 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Tgt Ion:105 Resp: 2019929
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 16.4 13.4 20.0

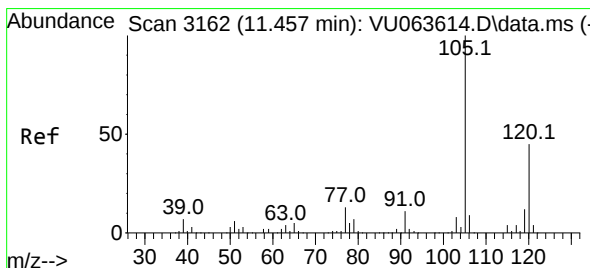
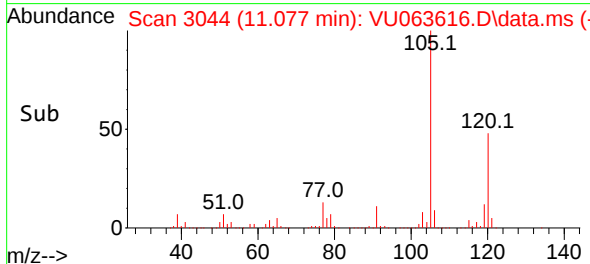
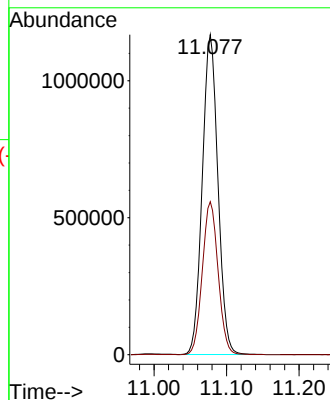
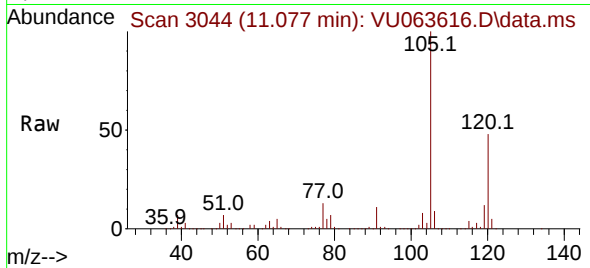




#62
 1,3,5-Trimethylbenzene
 Concen: 218.737 ug/L
 RT: 11.077 min Scan# 3044
 Delta R.T. -0.000 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

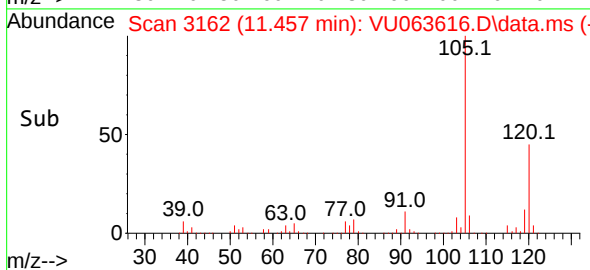
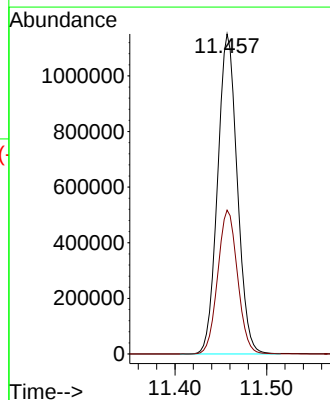
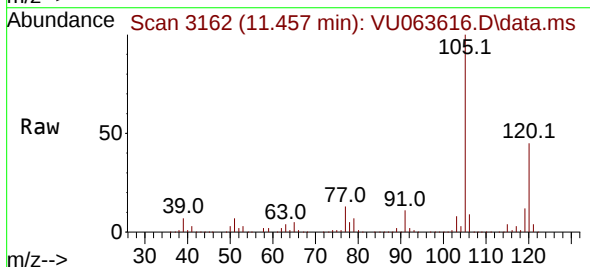
Instrument :
 MSVOA_U
 ClientSampleId :

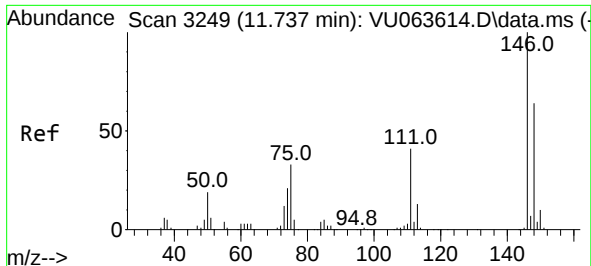
Tgt Ion:105 Resp: 1753820
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 224.976 ug/L
 RT: 11.457 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

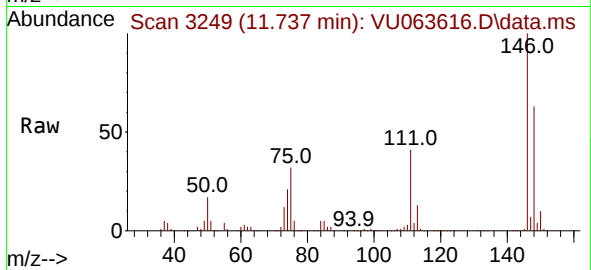
Tgt Ion:105 Resp: 1713511
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.6 53.4



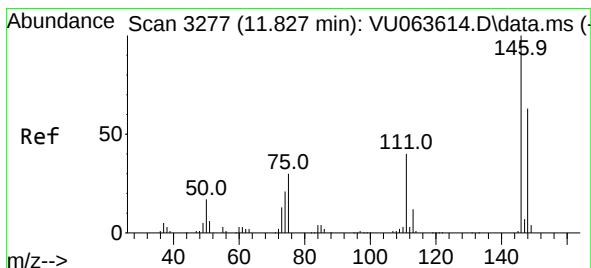
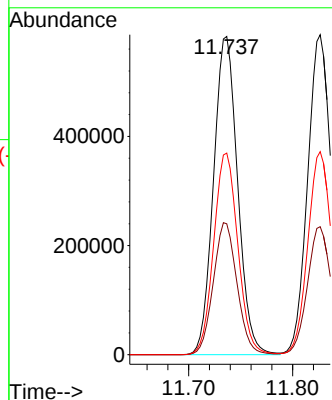
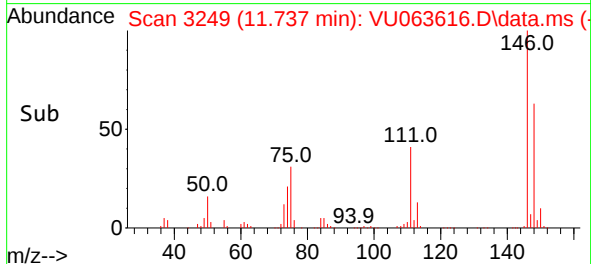


#64
1,3-Dichlorobenzene
Concen: 188.461 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

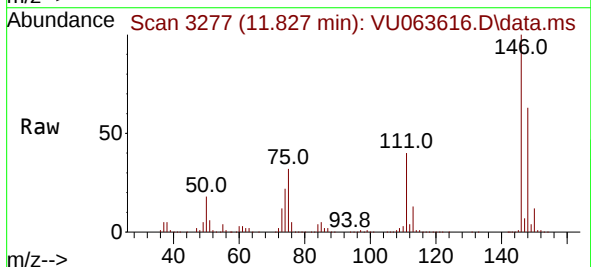
Instrument :
MSVOA_U
ClientSampleId :



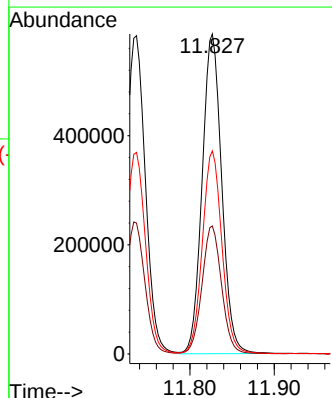
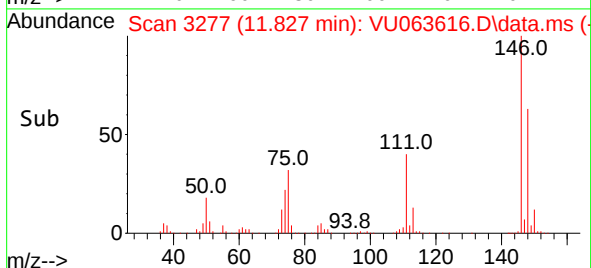
Tgt Ion:146 Resp: 941414
Ion Ratio Lower Upper
146 100
111 41.1 28.6 53.0
148 63.4 44.5 82.7

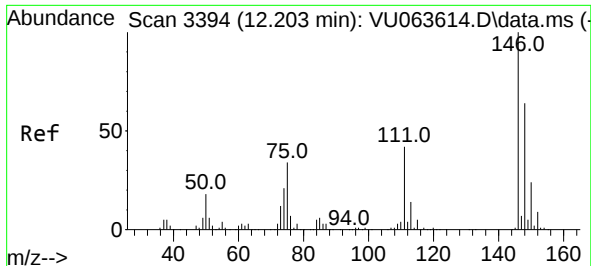


#65
1,4-Dichlorobenzene
Concen: 184.845 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01



Tgt Ion:146 Resp: 946303
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.9
148 63.5 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 181.011 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

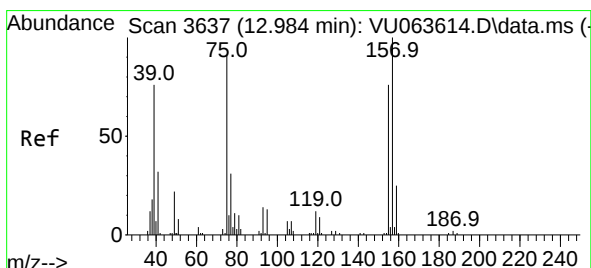
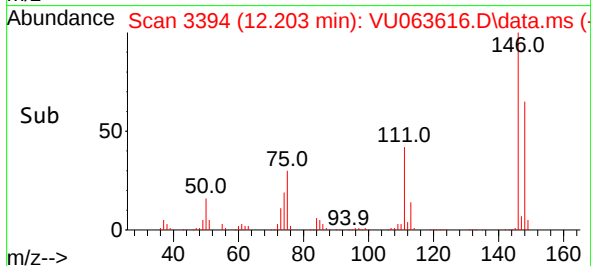
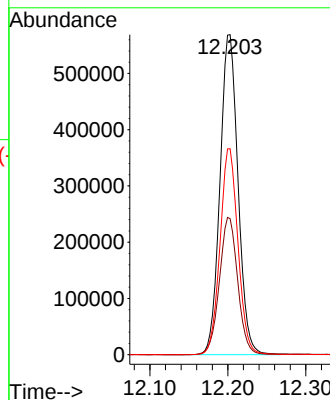
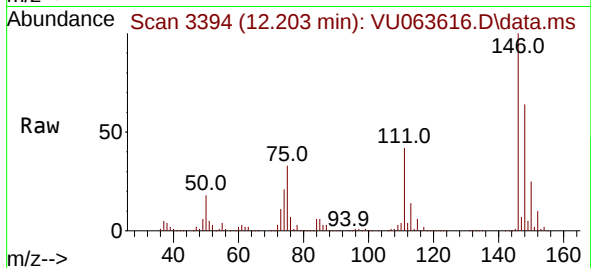
Tgt Ion:146 Resp: 913604

Ion Ratio Lower Upper

146 100

111 42.5 33.6 50.4

148 64.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 170.043 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.000 min

Lab File: VU063616.D

Acq: 22 Sep 2025 12:01

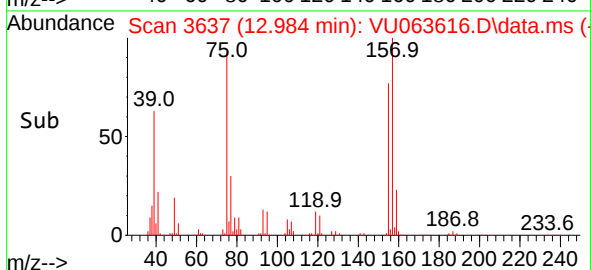
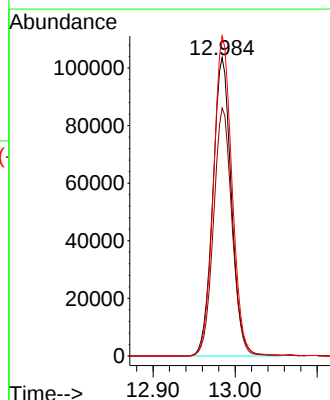
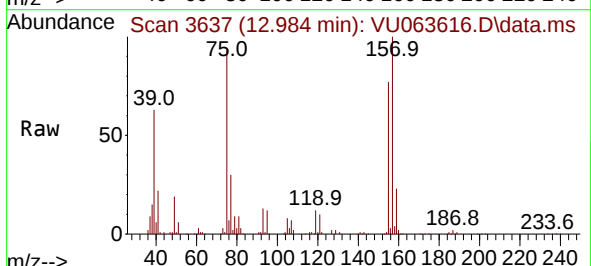
Tgt Ion: 75 Resp: 163218

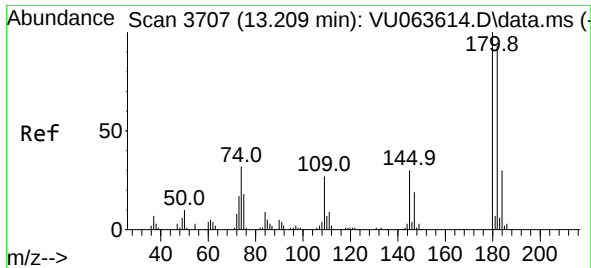
Ion Ratio Lower Upper

75 100

155 83.1 66.6 99.8

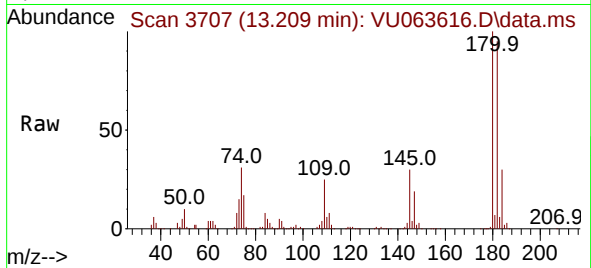
157 107.2 87.6 131.4



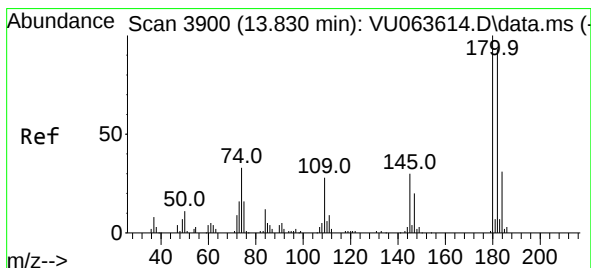
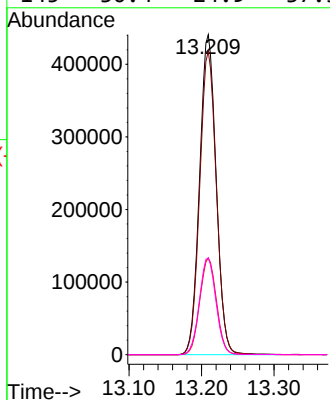
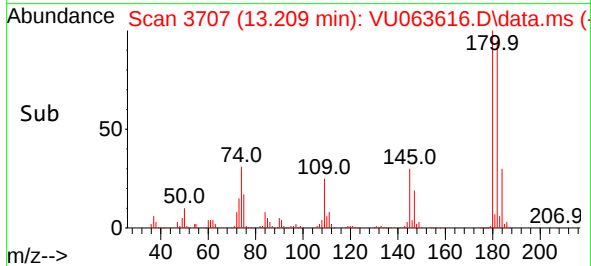


#69
 1,3,5-Trichlorobenzene
 Concen: 205.316 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01

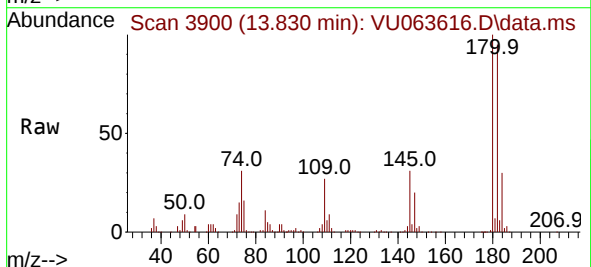
Instrument :
 MSVOA_U
 ClientSampleId :



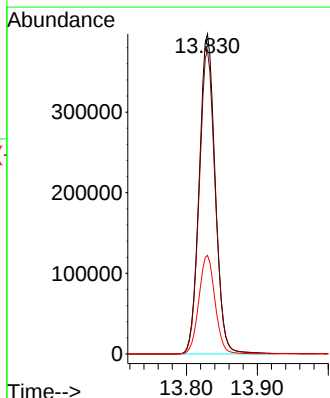
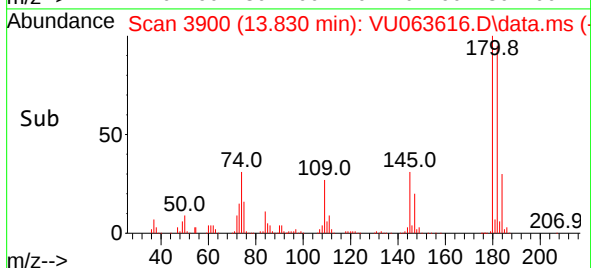
Tgt Ion:180 Resp: 700809
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.9 113.9
 184 30.4 24.4 36.6
 145 30.4 24.9 37.3

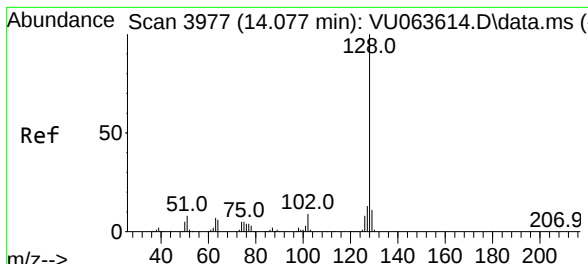


#70
 1,2,4-trichlorobenzene
 Concen: 233.879 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. -0.000 min
 Lab File: VU063616.D
 Acq: 22 Sep 2025 12:01



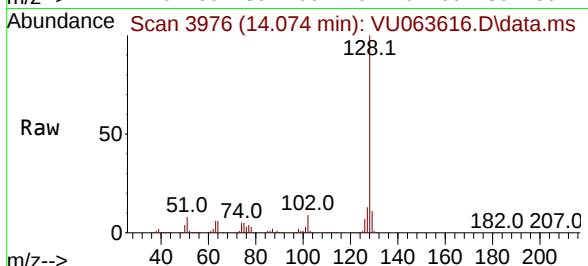
Tgt Ion:180 Resp: 622908
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.4 113.0
 145 31.2 24.6 37.0





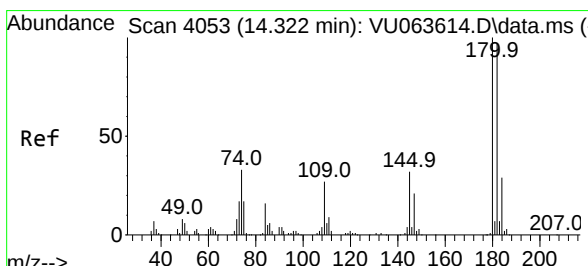
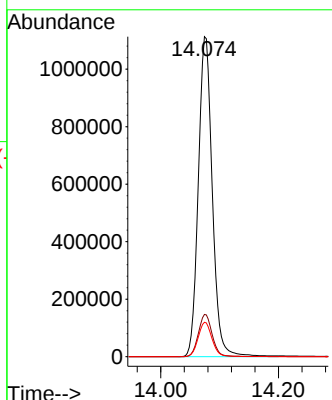
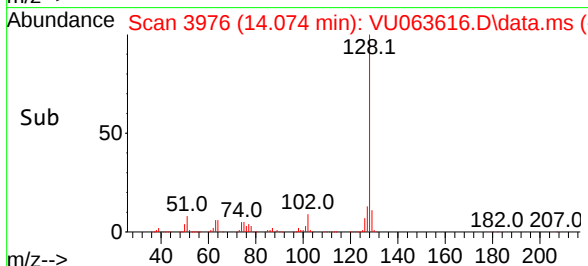
#71
Naphthalene
Concen: 255.803 ug/L
RT: 14.074 min Scan# 3976
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01

Instrument :
MSVOA_U
ClientSampleId :

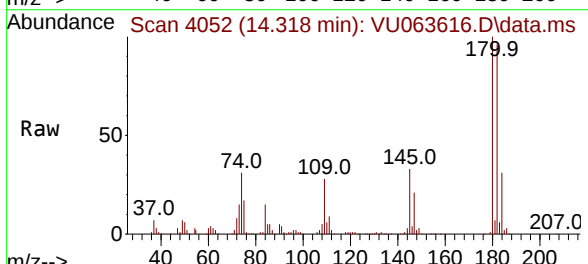


Tgt Ion:128 Resp: 1837858

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.7	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 231.563 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063616.D
Acq: 22 Sep 2025 12:01



Tgt Ion:180 Resp: 599969

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.4	116.2
145	32.7	25.9	38.9

