

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062651.D
 Acq On : 02 Jan 2025 12:05
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 03 00:25:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	106774	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	100472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	122721	17.586	ug/L	0.00
7) Chloroethane-d5	1.895	69	98654	19.294	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	62142	18.466	ug/L	0.00
20) 2-Butanone-d5	4.605	46	272008	200.480	ug/L	0.00
24) Chloroform-d	5.049	84	306505	19.666	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	167009	21.493	ug/L	0.00
32) Benzene-d6	5.714	84	521952	18.361	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	145424	17.971	ug/L	0.00
41) Toluene-d8	7.888	98	508994	18.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	76601	21.039	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	248620	224.356	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	120252	18.913	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	191873	19.316	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	202301	20.063	ug/L	99
3) Chloromethane	1.515	50	136135	17.831	ug/L	97
5) Vinyl chloride	1.599	62	153172	19.035	ug/L	99
6) Bromomethane	1.840	94	116773	21.131	ug/L	96
8) Chloroethane	1.917	64	91843	20.066	ug/L	98
9) Trichlorofluoromethane	2.126	101	308741	21.415	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	148491	19.171	ug/L	99
12) 1,1-Dichloroethene	2.567	96	137551	19.277	ug/L	97
13) Acetone	2.615	43	178567	194.147	ug/L	99
14) Carbon disulfide	2.779	76	424434	18.926	ug/L	99
15) Methyl Acetate	2.936	43	43148	18.662	ug/L	99
16) Methylene chloride	3.030	84	145381	19.495	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	385709	21.614	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	146877	19.928	ug/L	98
19) 1,1-Dichloroethane	3.853	63	260261	19.341	ug/L	95
21) 2-Butanone	4.685	43	272671	206.614	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	165028	20.065	ug/L	98
23) Bromochloromethane	4.959	128	76105	20.973	ug/L	97
25) Chloroform	5.071	83	311826	20.494	ug/L	98
27) 1,2-Dichloroethane	5.779	62	209699	21.459	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	304338	21.366	ug/L	99
30) Cyclohexane	5.374	56	205719	18.273	ug/L	97
31) Carbon tetrachloride	5.512	117	281597	21.496	ug/L	97
33) Benzene	5.759	78	585693	19.042	ug/L	100
34) Trichloroethene	6.528	95	175212	19.639	ug/L	96
35) Methylcyclohexane	6.753	83	247712	19.103	ug/L	99
37) 1,2-Dichloropropane	6.779	63	138482	18.725	ug/L	100
38) Bromodichloromethane	7.094	83	226570	21.121	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	250883	20.758	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	674306	194.814	ug/L	99
42) Toluene	7.959	91	655828	19.696	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	218613	22.045	ug/L	98

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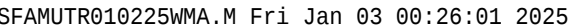
Quant Time: Jan 03 00:25:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
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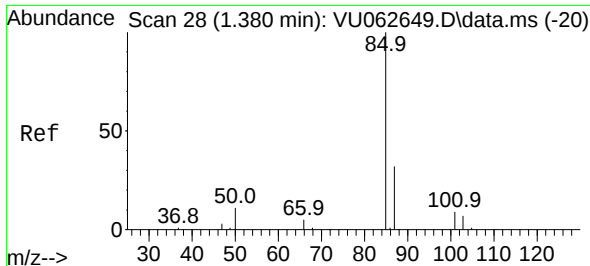
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.390	97	113965	20.224	ug/L	95
47) Tetrachloroethene	8.544	164	137944	20.273	ug/L	96
48) 2-Hexanone	8.672	43	487752	192.360	ug/L	98
49) Dibromochloromethane	8.798	129	156353	22.421	ug/L	97
50) 1,2-Dibromoethane	8.914	107	113871	20.868	ug/L	99
51) Chlorobenzene	9.438	112	418961	19.598	ug/L	98
52) Ethylbenzene	9.560	91	754902	20.263	ug/L	98
53) m,p-Xylene	9.682	106	284328	20.652	ug/L	99
54) o-Xylene	10.090	106	274992	20.550	ug/L	98
55) Styrene	10.103	104	471197	21.243	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	126839	19.415	ug/L #	94
59) Bromoform	10.280	173	96852	22.468	ug/L	98
60) Isopropylbenzene	10.473	105	777911	20.059	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	94607	19.162	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	678796	20.646	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	670778	20.838	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	348597	19.468	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	352619	19.642	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	326817	19.781	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	27870	25.118	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	276102	20.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	242787	22.878	ug/L	98
71) Naphthalene	14.077	128	390688	24.580	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	212643	22.757	ug/L	95

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

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QLast Update : Fri Jan 03 00:22:44 2025
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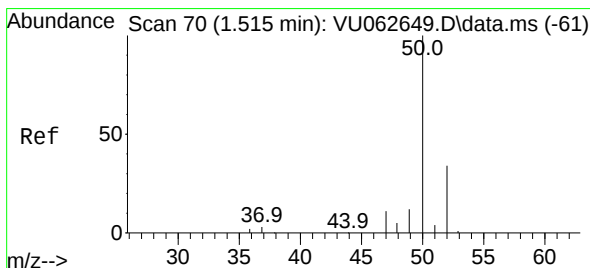
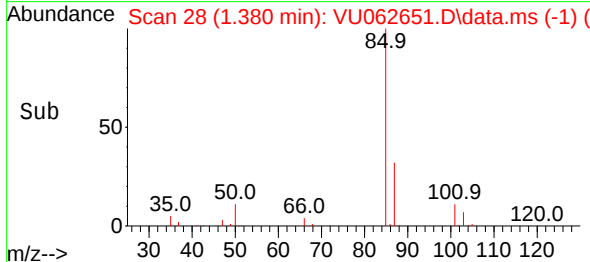
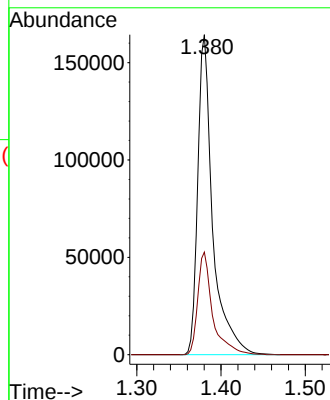
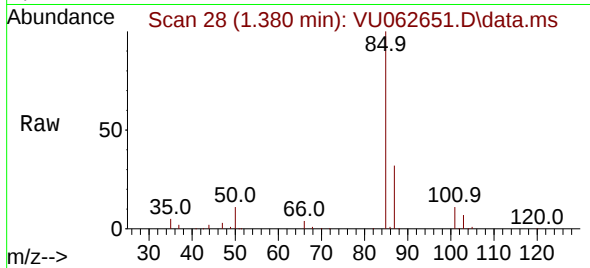




#2
 Dichlorodifluoromethane
 Concen: 20.063 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU062651.D
 Acq: 02 Jan 2025 12:05

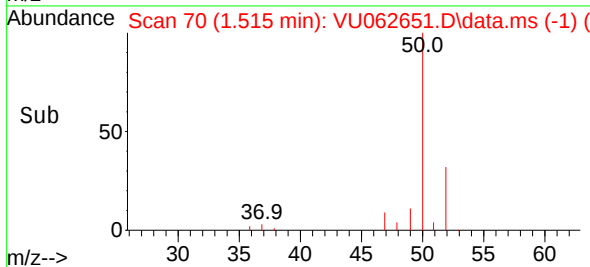
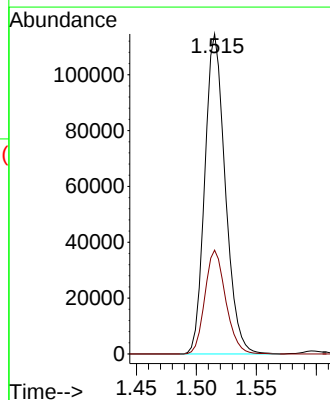
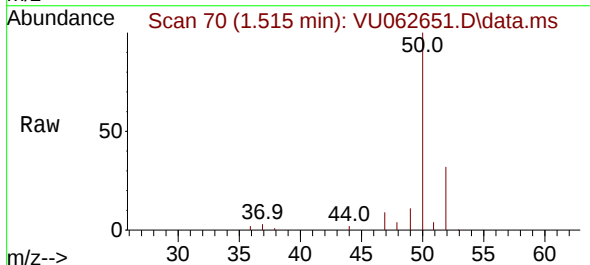
Instrument :
 MSVOA_U
 ClientSampleId :

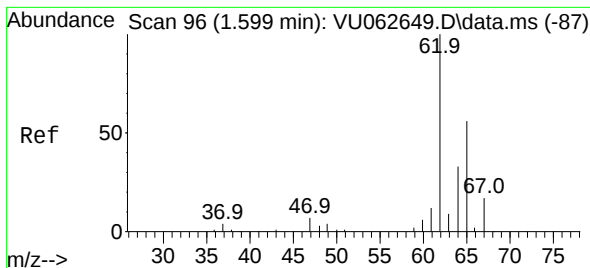
Tgt Ion: 85 Resp: 202301
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.1 39.1



#3
 Chloromethane
 Concen: 17.831 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062651.D
 Acq: 02 Jan 2025 12:05

Tgt Ion: 50 Resp: 136135
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.1 44.7





#5

Vinyl chloride

Concen: 19.035 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

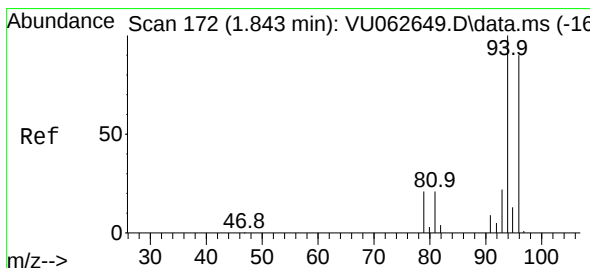
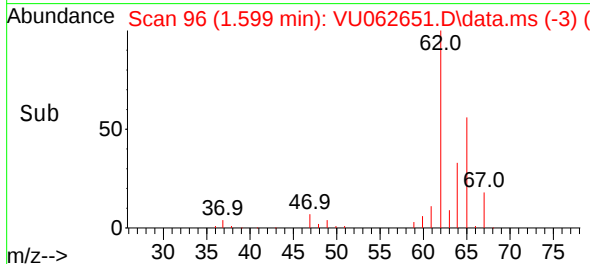
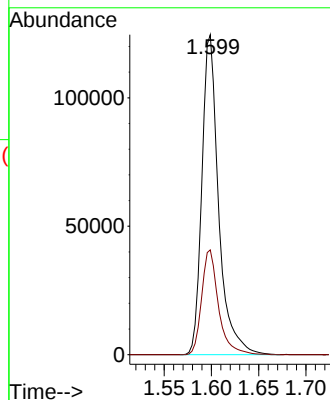
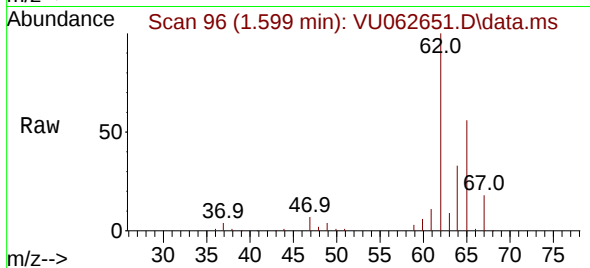
ClientSampleId :

Tgt Ion: 62 Resp: 153172

Ion Ratio Lower Upper

62 100

64 32.7 23.4 43.4



#6

Bromomethane

Concen: 21.131 ug/L

RT: 1.840 min Scan# 171

Delta R.T. -0.003 min

Lab File: VU062651.D

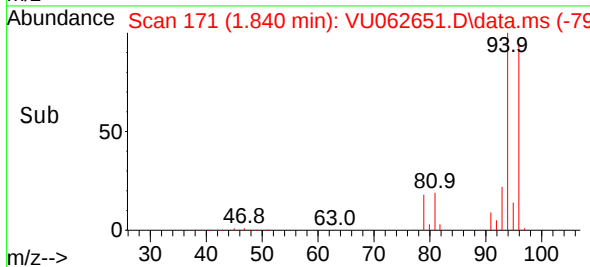
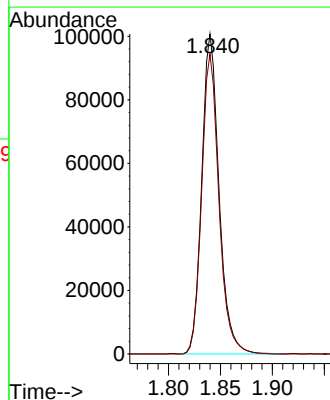
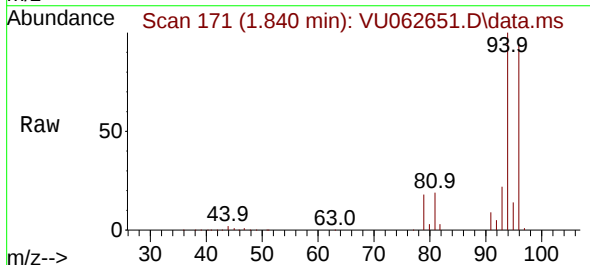
Acq: 02 Jan 2025 12:05

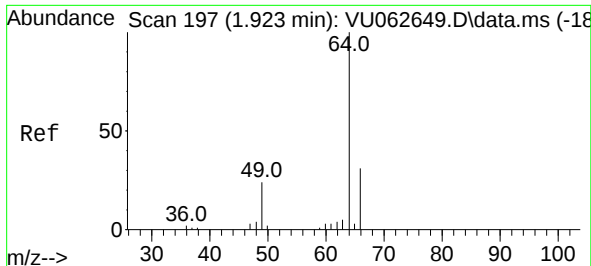
Tgt Ion: 94 Resp: 116773

Ion Ratio Lower Upper

94 100

96 93.7 62.9 116.7

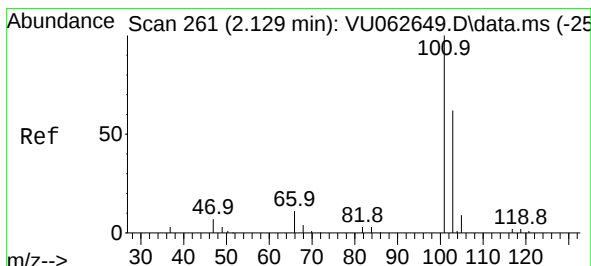
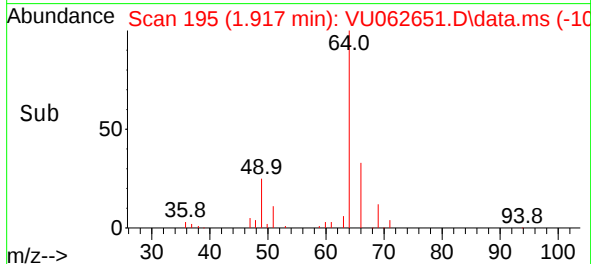
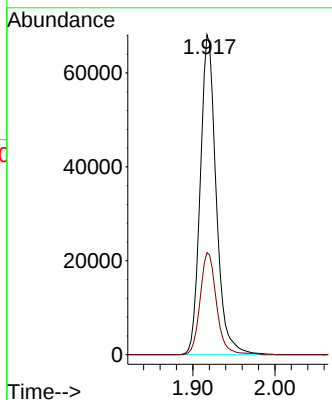
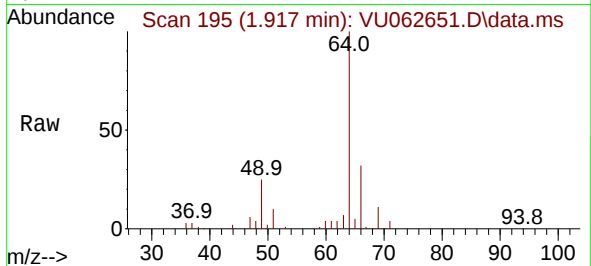




#8
Chloroethane
Concen: 20.066 ug/L
RT: 1.917 min Scan# 195
Delta R.T. -0.006 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

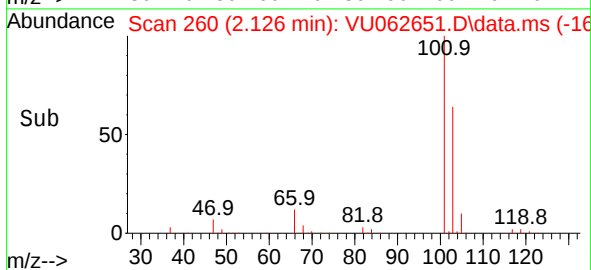
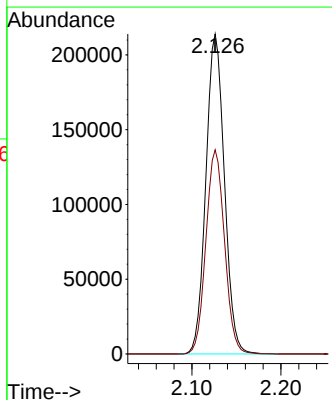
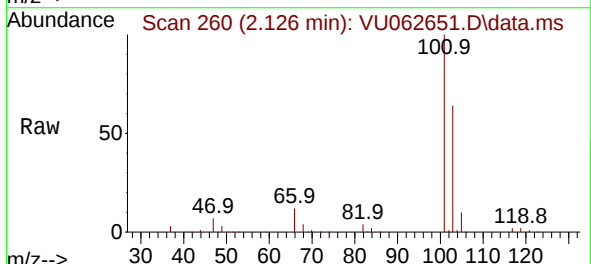
Instrument :
MSVOA_U
ClientSampleId :

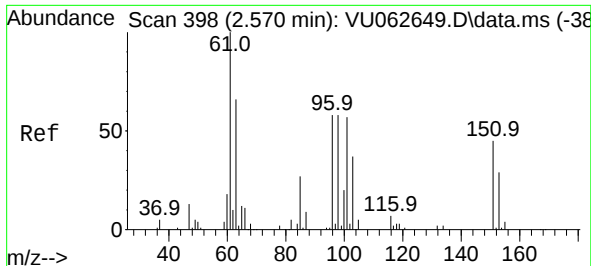
Tgt Ion: 64 Resp: 91843
Ion Ratio Lower Upper
64 100
66 31.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 21.415 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion:101 Resp: 308741
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.171 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

ClientSampleId :

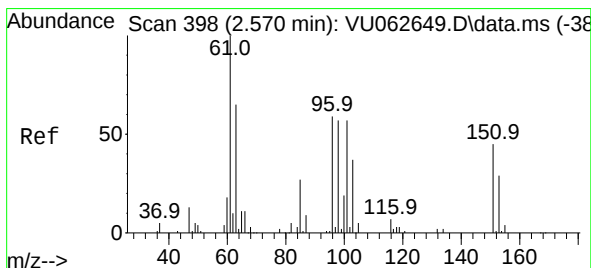
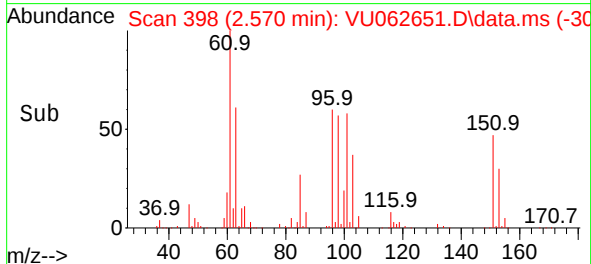
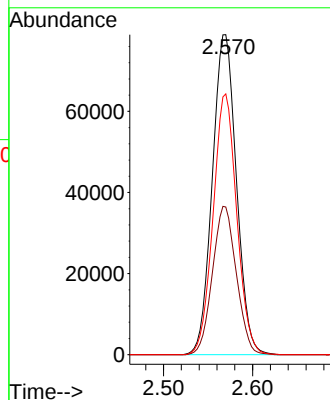
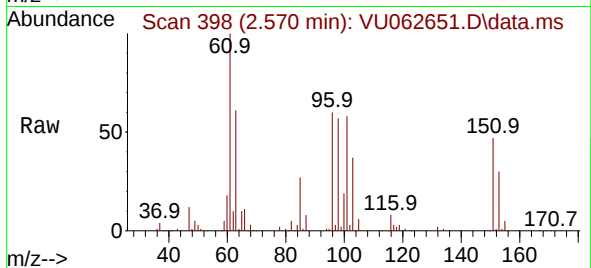
Tgt Ion:101 Resp: 148491

Ion Ratio Lower Upper

101 100

85 45.9 37.0 55.6

151 80.0 64.4 96.6



#12

1,1-Dichloroethene

Concen: 19.277 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

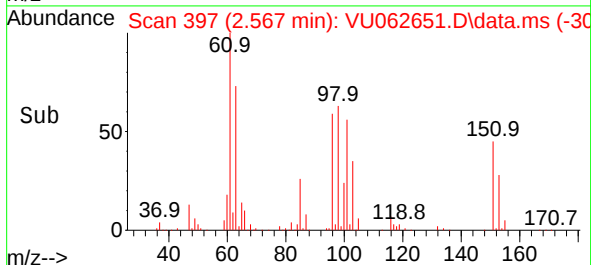
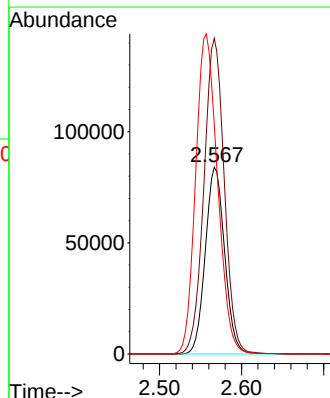
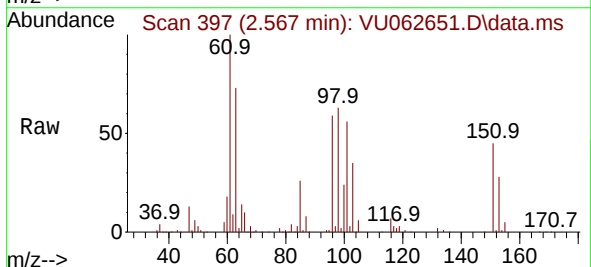
Tgt Ion: 96 Resp: 137551

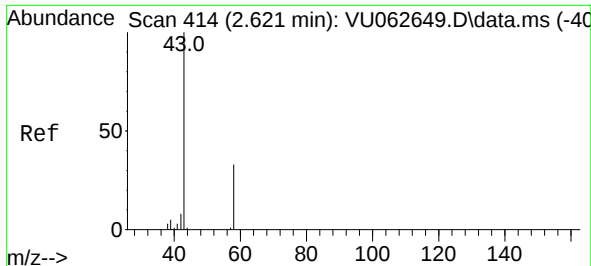
Ion Ratio Lower Upper

96 100

61 168.9 120.4 223.6

63 122.7 82.3 152.9





#13

Acetone

Concen: 194.147 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

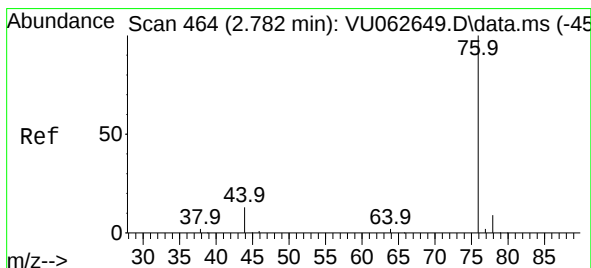
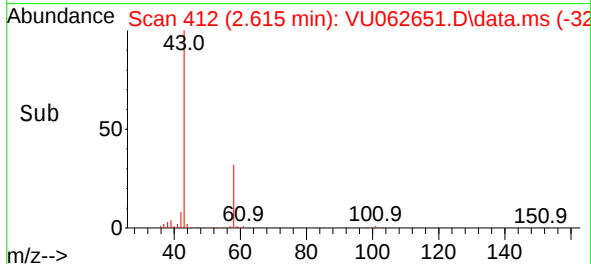
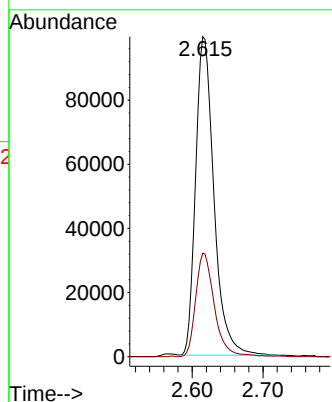
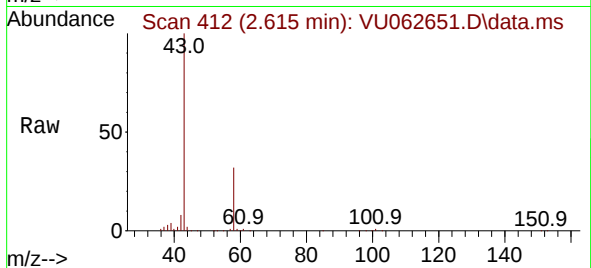
ClientSampleId :

Tgt Ion: 43 Resp: 178567

Ion Ratio Lower Upper

43 100

58 32.9 0.0 64.4



#14

Carbon disulfide

Concen: 18.926 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU062651.D

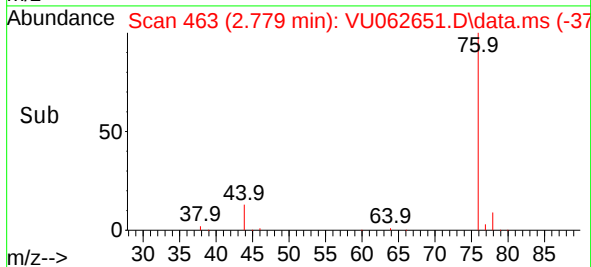
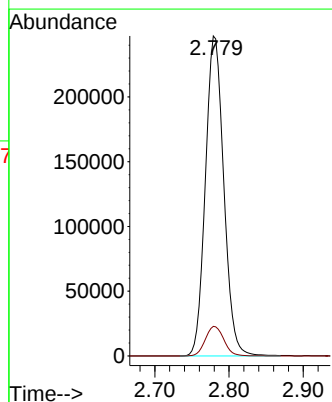
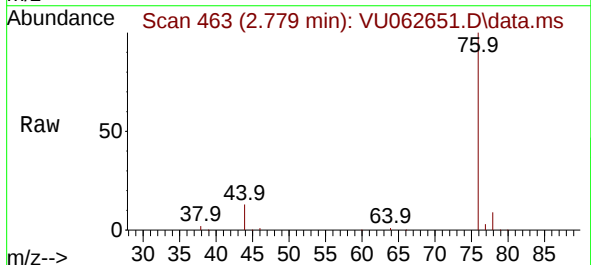
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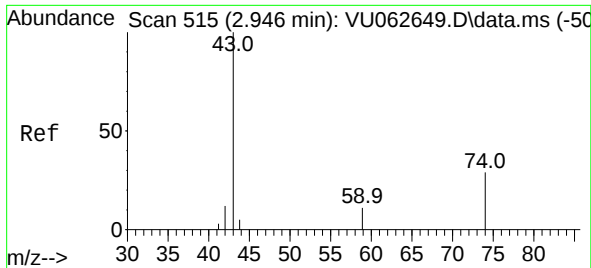
Tgt Ion: 76 Resp: 424434

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

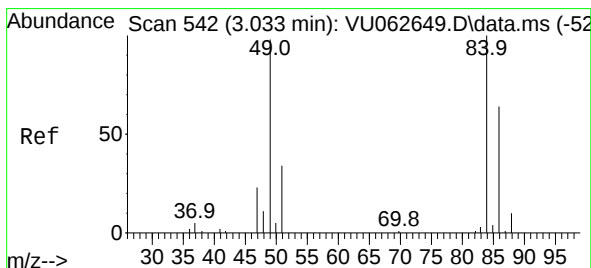
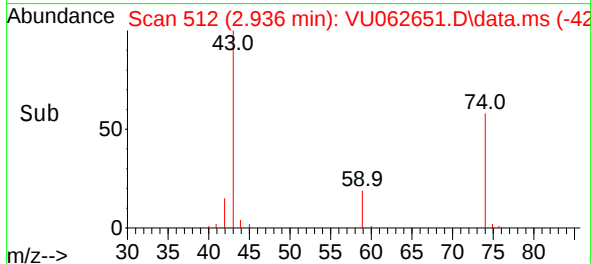
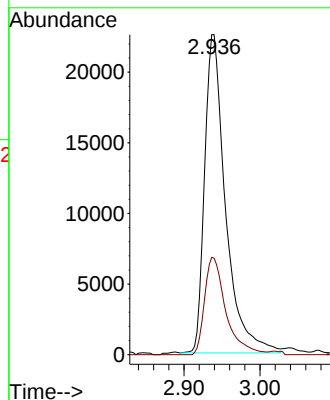
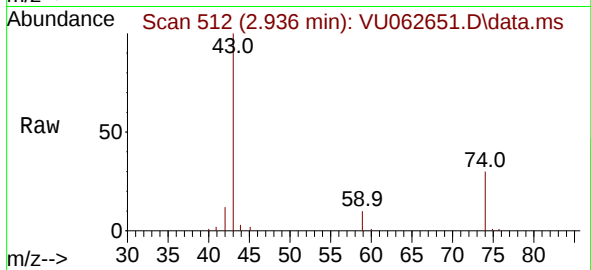




#15
Methyl Acetate
Concen: 18.662 ug/L
RT: 2.936 min Scan# 51
Delta R.T. -0.009 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

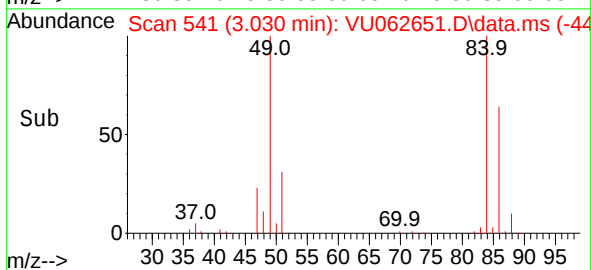
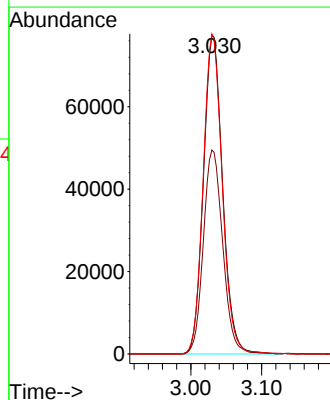
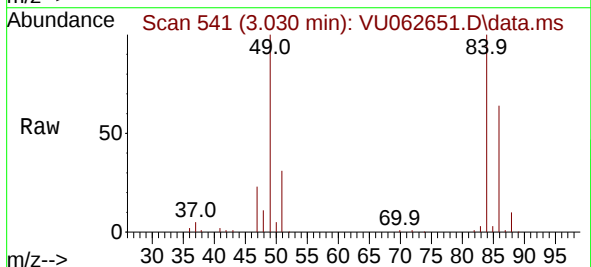
Instrument :
MSVOA_U
ClientSampleId :

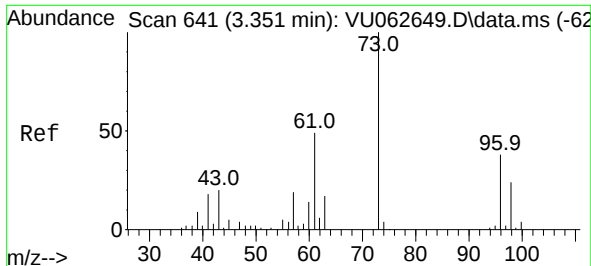
Tgt Ion: 43 Resp: 43148
Ion Ratio Lower Upper
43 100
74 31.1 24.4 36.6



#16
Methylene chloride
Concen: 19.495 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion: 84 Resp: 145381
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 100.3 68.3 126.9

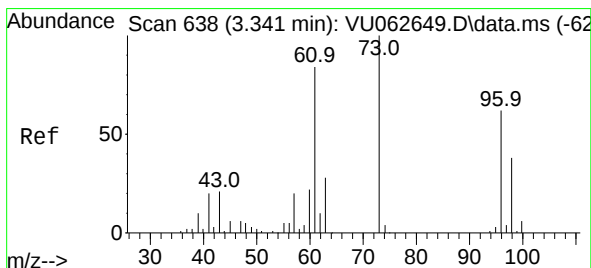
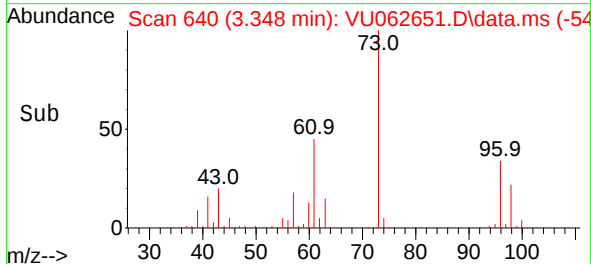
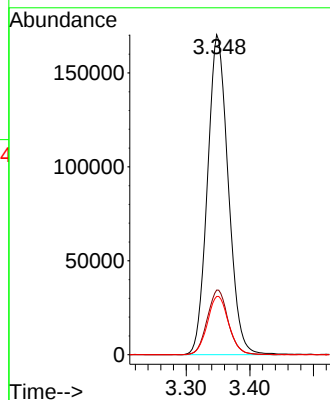
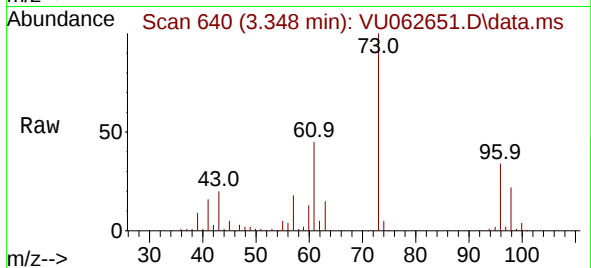




#17
Methyl tert-butyl Ether
Concen: 21.614 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

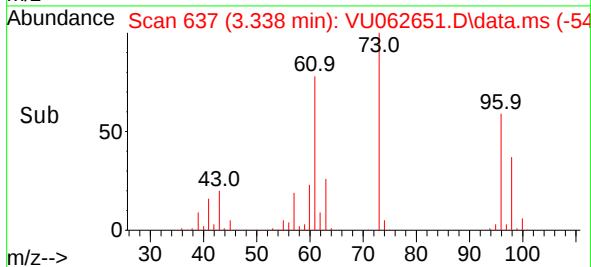
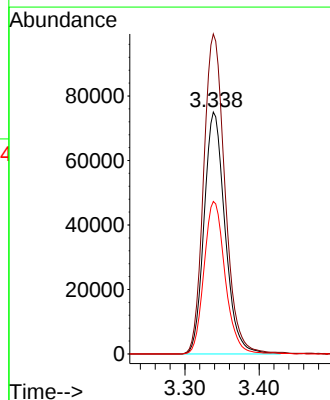
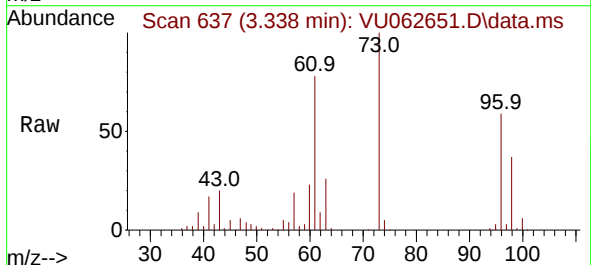
Instrument :
MSVOA_U
ClientSampleId :

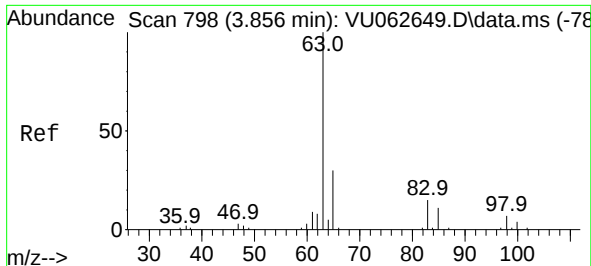
Tgt Ion: 73 Resp: 385709
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 18.7 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 19.928 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion: 96 Resp: 146877
Ion Ratio Lower Upper
96 100
61 132.2 94.4 175.2
98 63.0 42.8 79.4





#19

1,1-Dichloroethane

Concen: 19.341 ug/L

RT: 3.853 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

ClientSampleId :

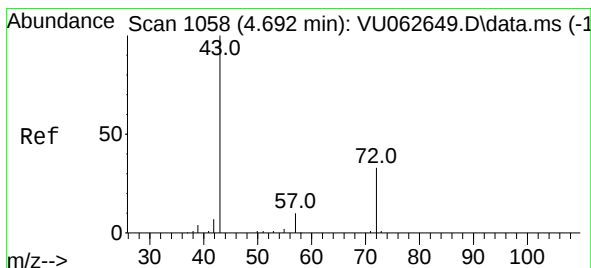
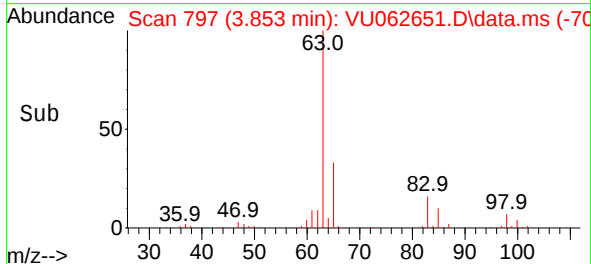
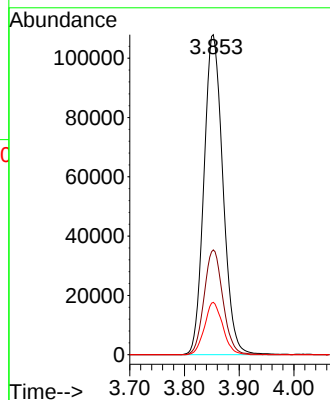
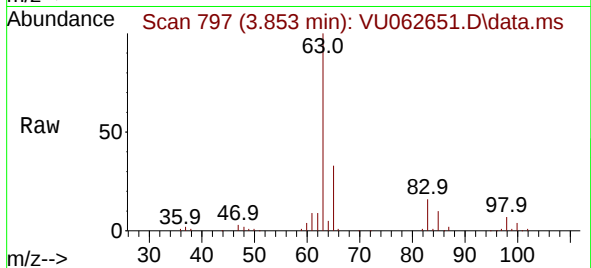
Tgt Ion: 63 Resp: 260261

Ion Ratio Lower Upper

63 100

65 32.7 20.7 38.5

83 16.3 10.5 19.5



#21

2-Butanone

Concen: 206.614 ug/L

RT: 4.685 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VU062651.D

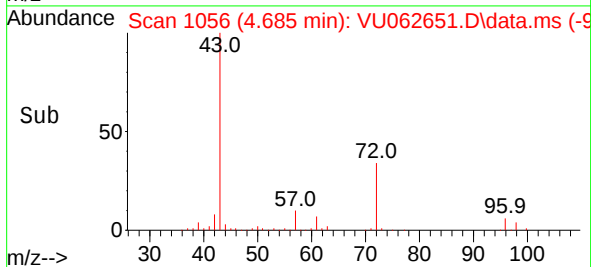
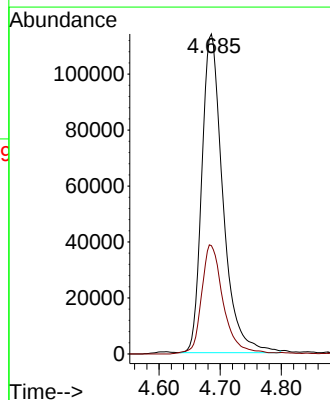
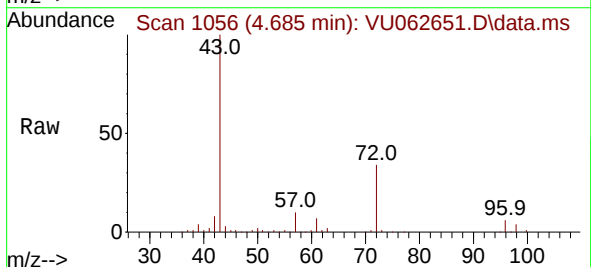
Acq: 02 Jan 2025 12:05

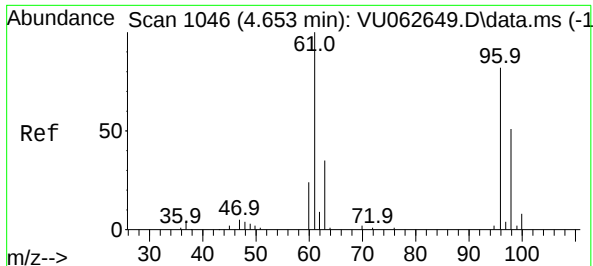
Tgt Ion: 43 Resp: 272671

Ion Ratio Lower Upper

43 100

72 35.3 17.1 51.2

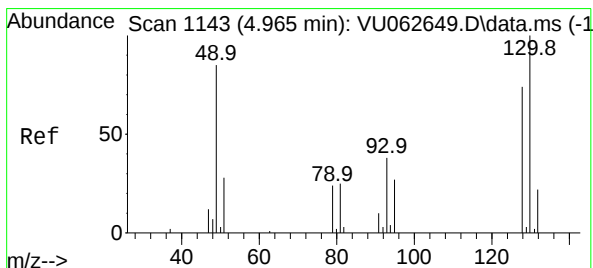
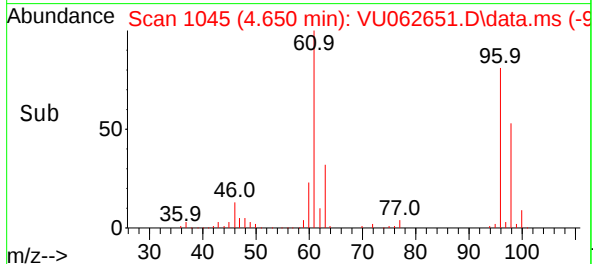
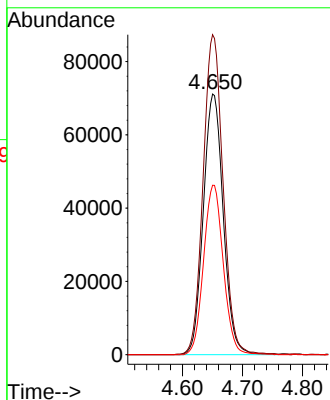
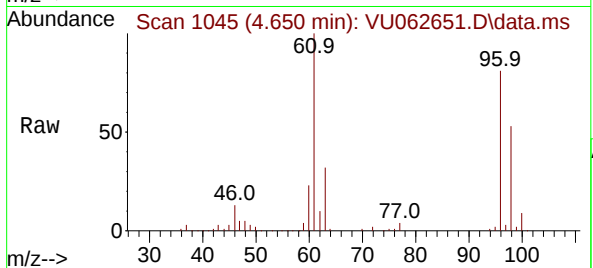




#22
 cis-1,2-Dichloroethene
 Concen: 20.065 ug/L
 RT: 4.650 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU062651.D
 Acq: 02 Jan 2025 12:05

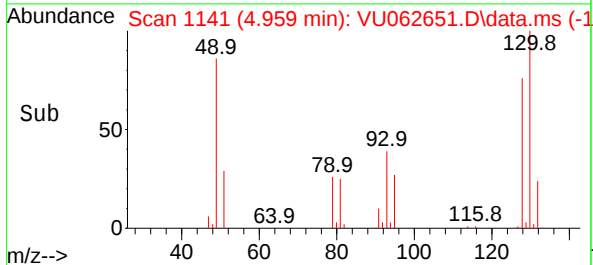
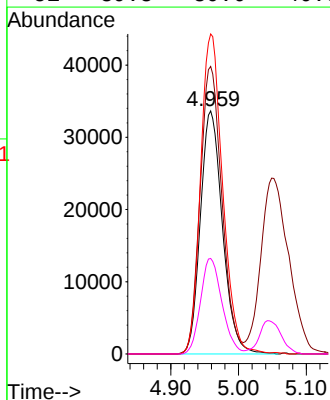
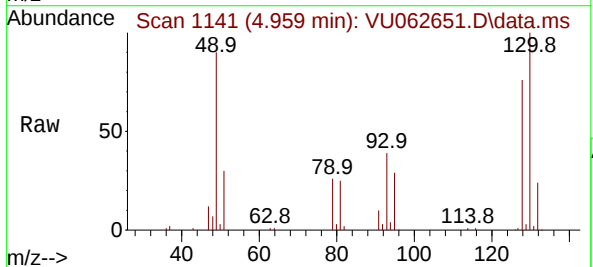
Instrument :
 MSVOA_U
 ClientSampleId :

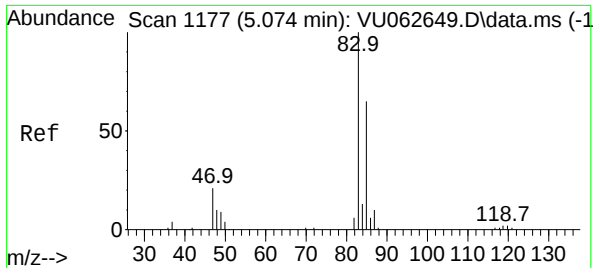
Tgt Ion: 96 Resp: 165028
 Ion Ratio Lower Upper
 96 100
 61 122.7 84.8 157.6
 98 65.0 43.1 80.1



#23
 Bromochloromethane
 Concen: 20.973 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.006 min
 Lab File: VU062651.D
 Acq: 02 Jan 2025 12:05

Tgt Ion: 128 Resp: 76105
 Ion Ratio Lower Upper
 128 100
 49 118.4 81.1 150.7
 130 131.7 94.9 176.3
 51 39.3 30.6 46.0





#25

Chloroform

Concen: 20.494 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

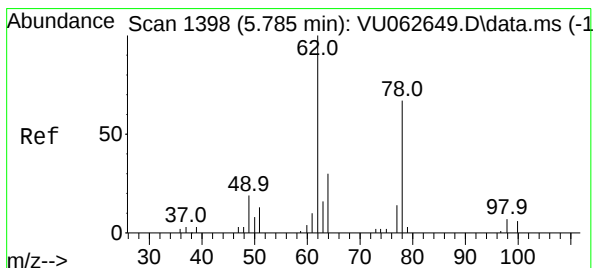
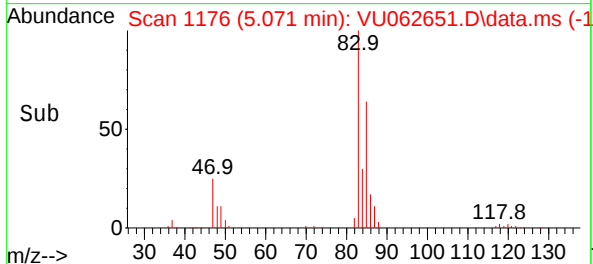
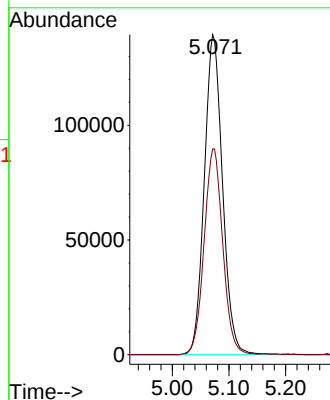
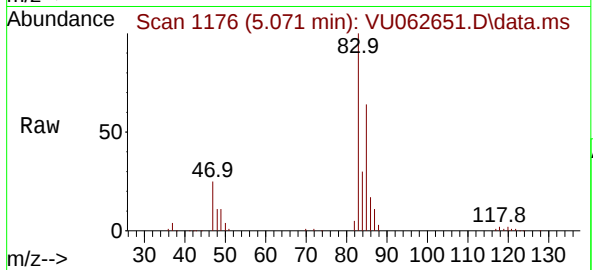
ClientSampleId :

Tgt Ion: 83 Resp: 311826

Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 21.459 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.006 min

Lab File: VU062651.D

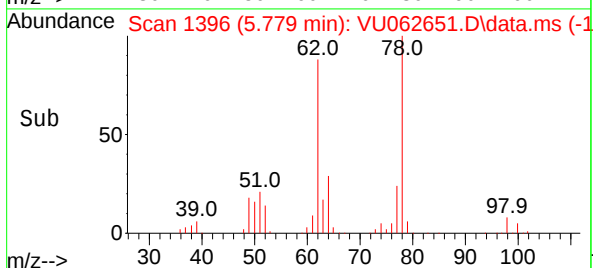
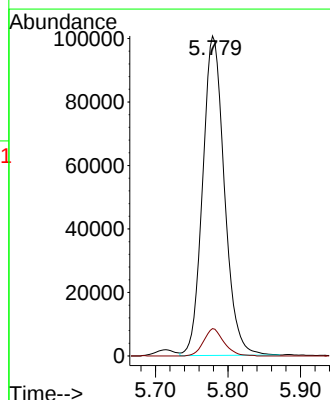
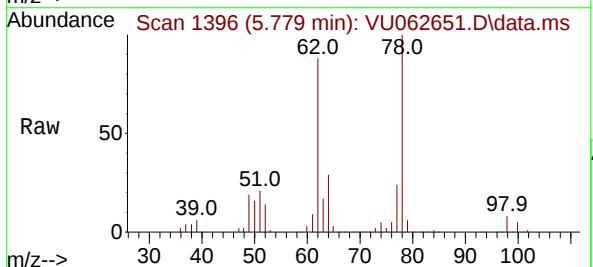
Acq: 02 Jan 2025 12:05

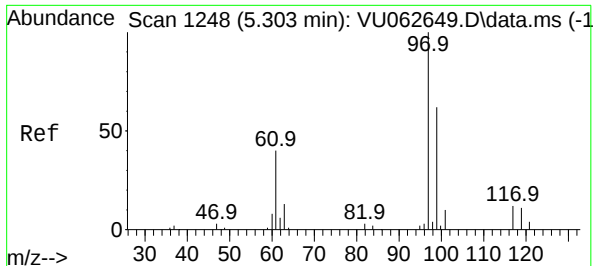
Tgt Ion: 62 Resp: 209699

Ion Ratio Lower Upper

62 100

98 8.6 5.8 8.6

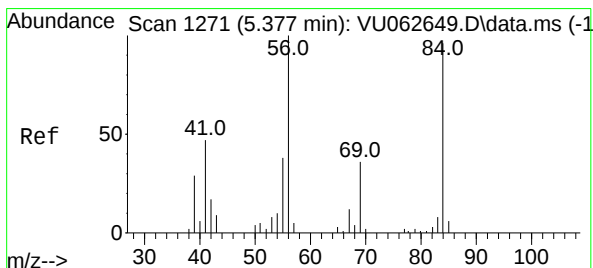
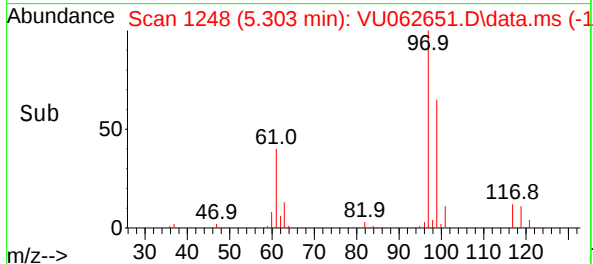
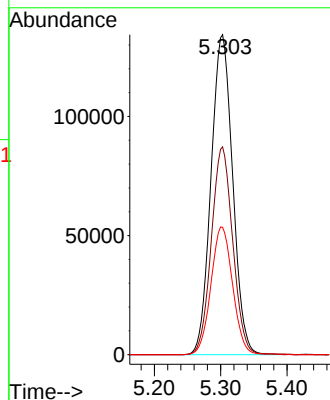
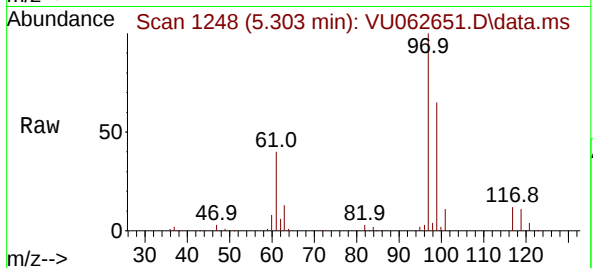




#29
1,1,1-Trichloroethane
Concen: 21.366 ug/L
RT: 5.303 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

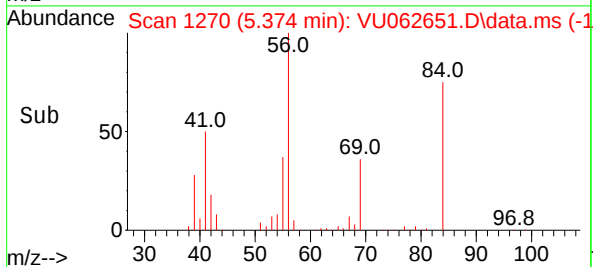
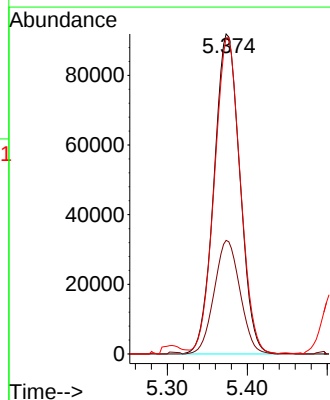
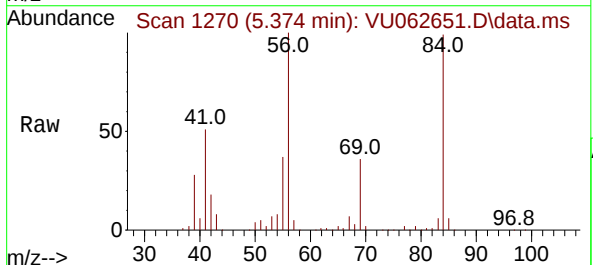
Instrument :
MSVOA_U
ClientSampleId :

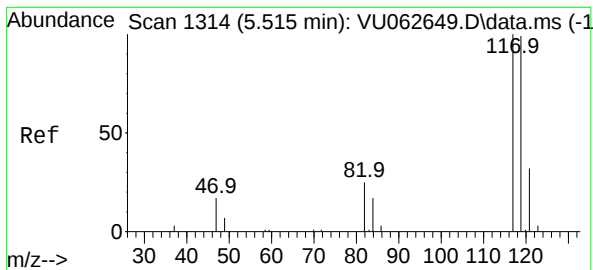
Tgt Ion: 97 Resp: 304338
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 39.9 32.2 48.4



#30
Cyclohexane
Concen: 18.273 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion: 56 Resp: 205719
Ion Ratio Lower Upper
56 100
69 35.5 28.3 42.5
84 99.2 76.5 114.7





#31

Carbon tetrachloride

Concen: 21.496 ug/L

RT: 5.512 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

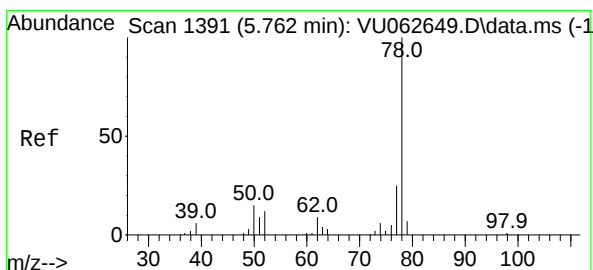
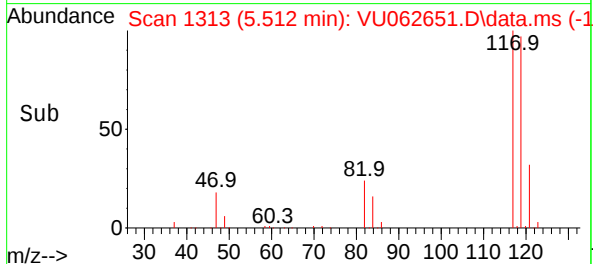
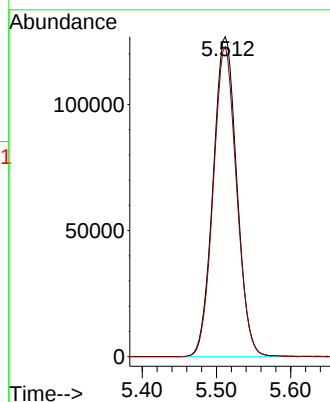
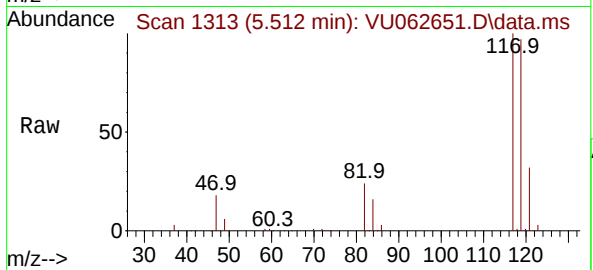
ClientSampleId :

Tgt Ion:117 Resp: 281597

Ion Ratio Lower Upper

117 100

119 95.4 78.6 118.0



#33

Benzene

Concen: 19.042 ug/L

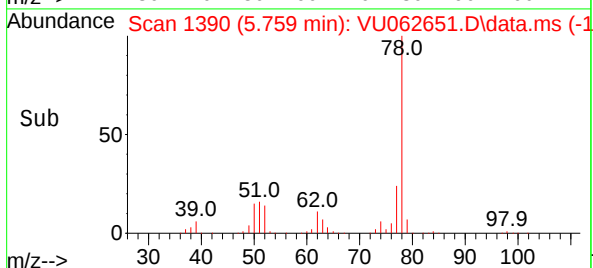
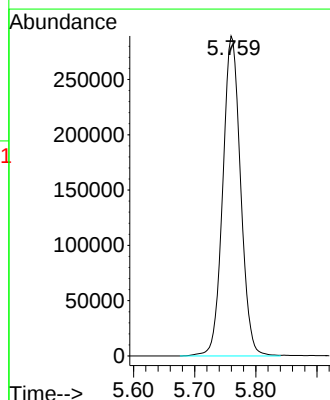
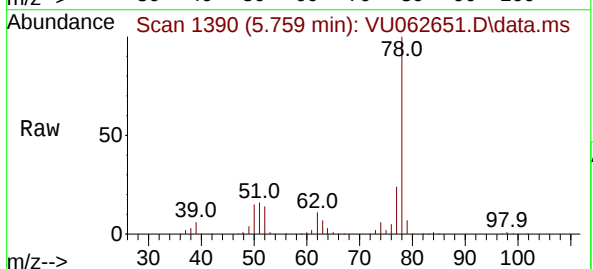
RT: 5.759 min Scan# 1390

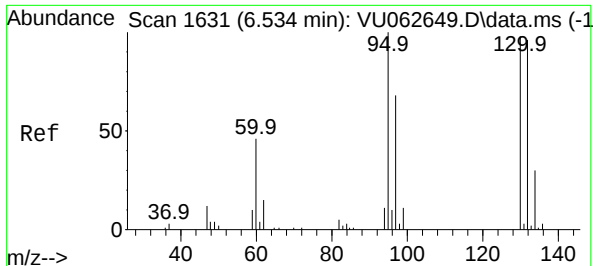
Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Tgt Ion: 78 Resp: 585693





#34

Trichloroethene

Concen: 19.639 ug/L

RT: 6.528 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 175212

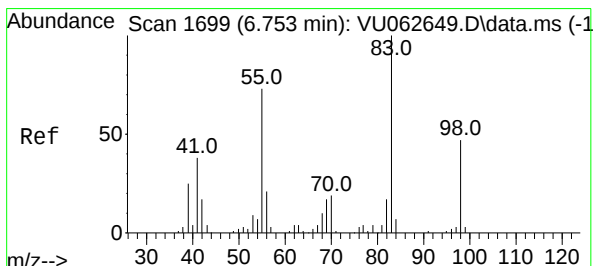
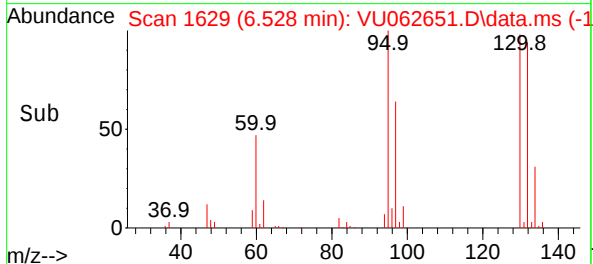
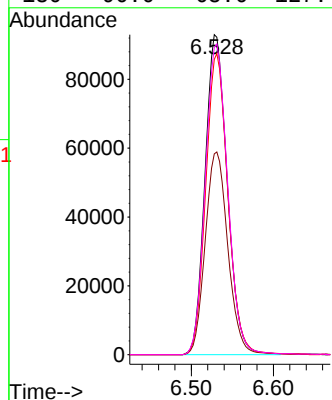
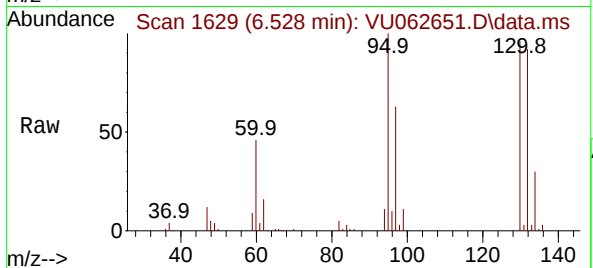
Ion Ratio Lower Upper

95 100

97 62.8 47.5 88.3

132 92.2 66.9 124.3

130 96.0 68.6 127.4



#35

Methylcyclohexane

Concen: 19.103 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

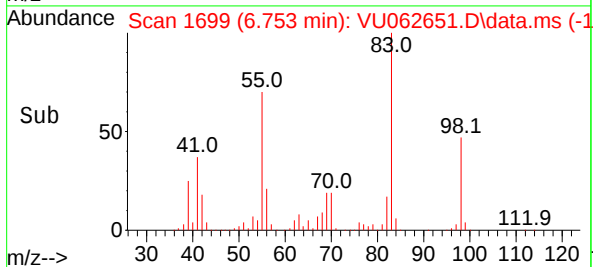
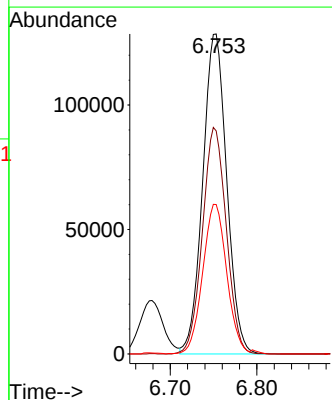
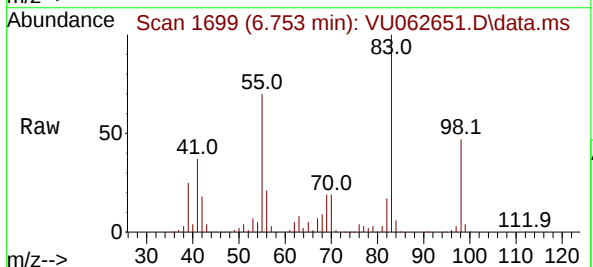
Tgt Ion: 83 Resp: 247712

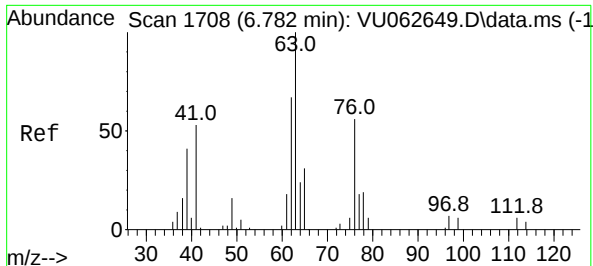
Ion Ratio Lower Upper

83 100

55 70.3 57.2 85.8

98 46.8 36.6 55.0

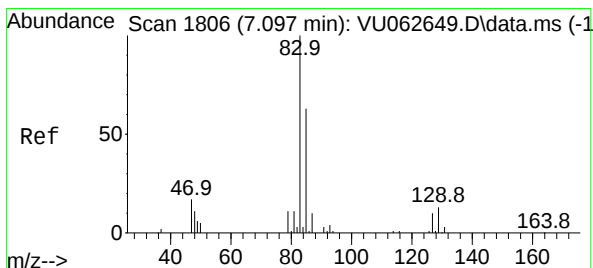
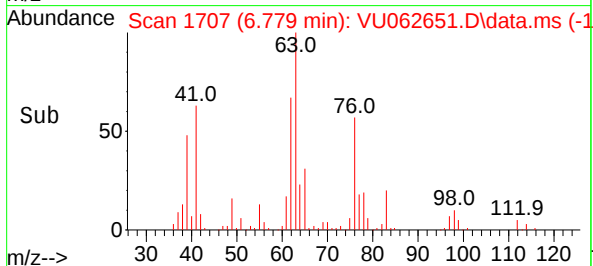
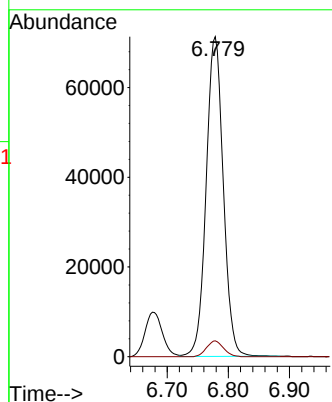
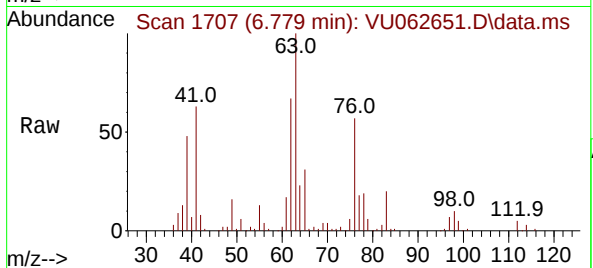




#37
1,2-Dichloropropane
Concen: 18.725 ug/L
RT: 6.779 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

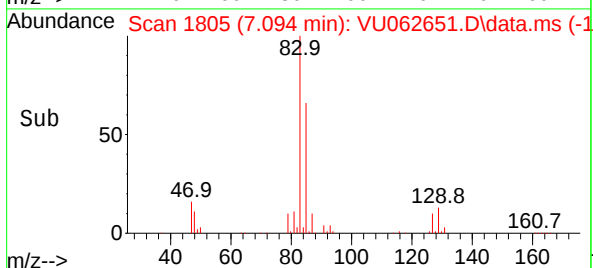
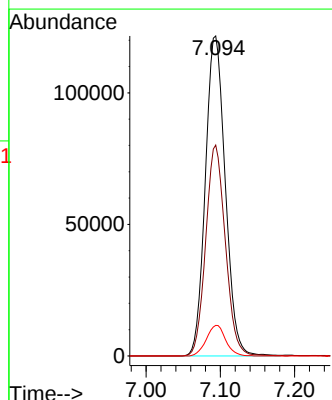
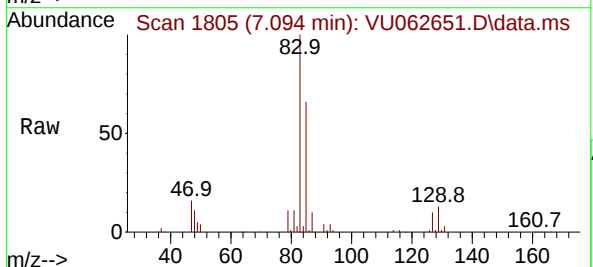
Instrument :
MSVOA_U
ClientSampleId :

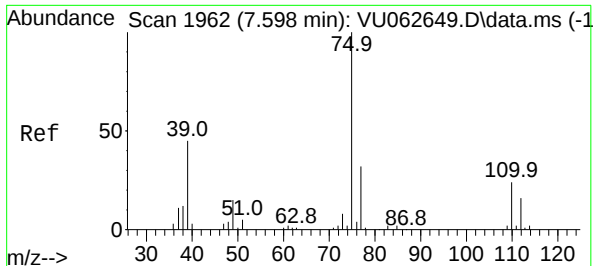
Tgt Ion: 63 Resp: 138482
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 21.121 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion: 83 Resp: 226570
Ion Ratio Lower Upper
83 100
85 65.9 44.2 82.0
127 9.5 7.8 11.8

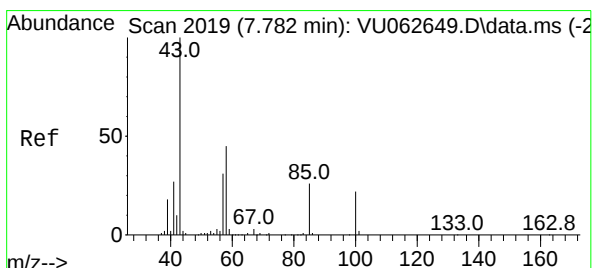
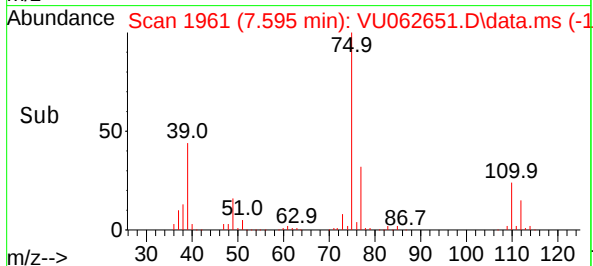
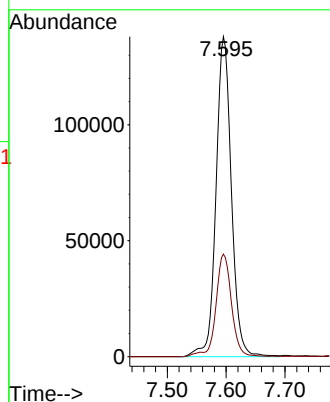
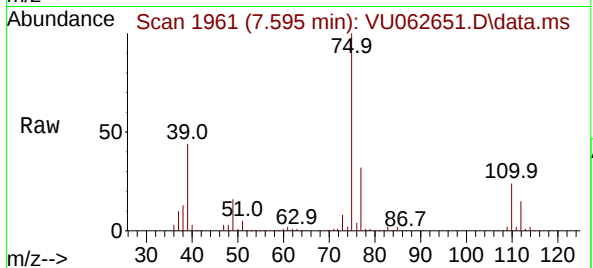




#39
 cis-1,3-Dichloropropene
 Concen: 20.758 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU062651.D
 Acq: 02 Jan 2025 12:05

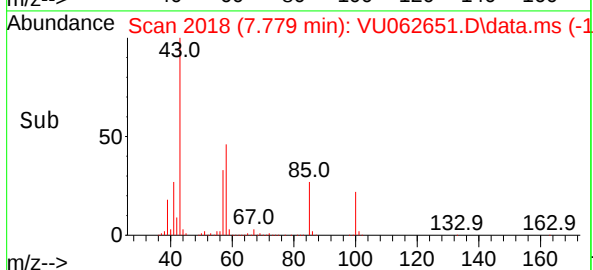
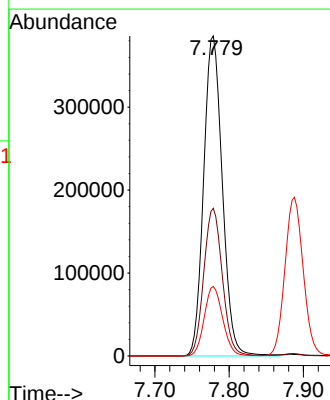
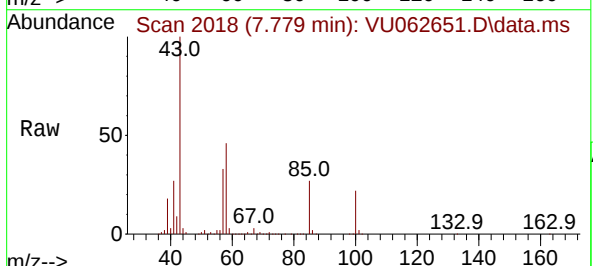
Instrument :
 MSVOA_U
 ClientSampleId :

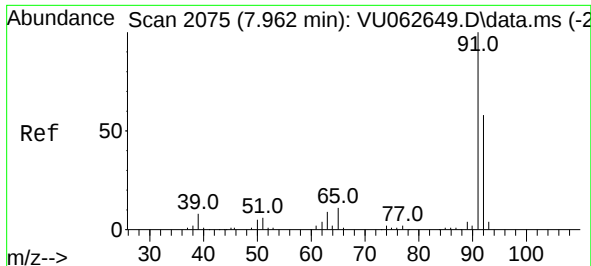
Tgt Ion: 75 Resp: 250883
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 194.814 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU062651.D
 Acq: 02 Jan 2025 12:05

Tgt Ion: 43 Resp: 674306
 Ion Ratio Lower Upper
 43 100
 58 45.9 35.8 53.8
 100 21.4 16.8 25.2





#42

Toluene

Concen: 19.696 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

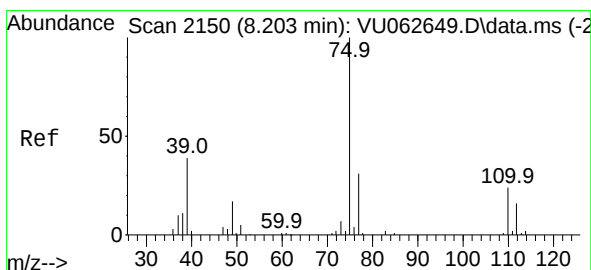
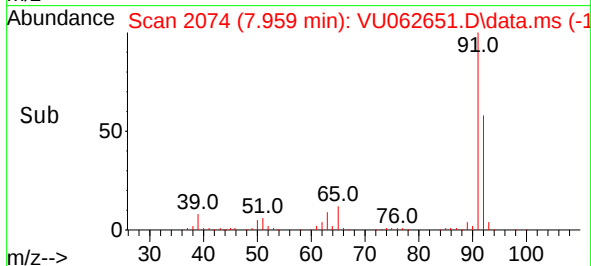
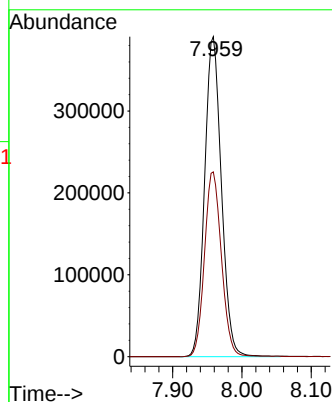
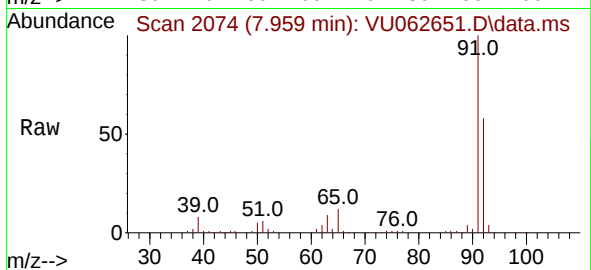
ClientSampleId :

Tgt Ion: 91 Resp: 655828

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 22.045 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062651.D

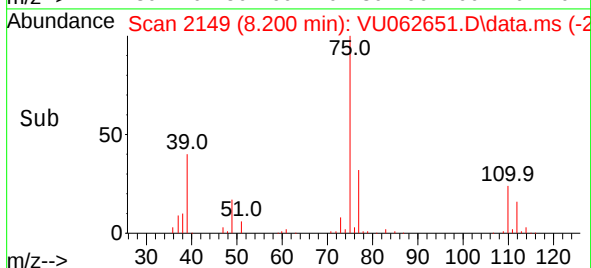
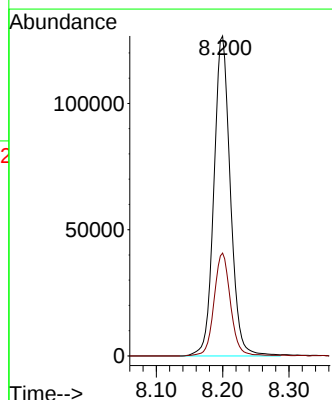
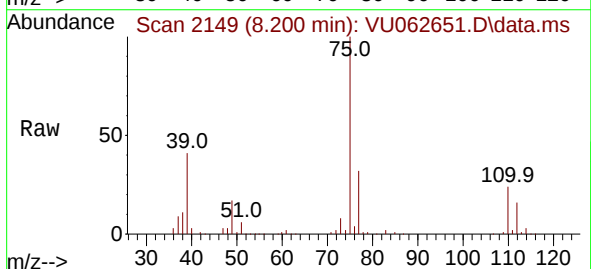
Acq: 02 Jan 2025 12:05

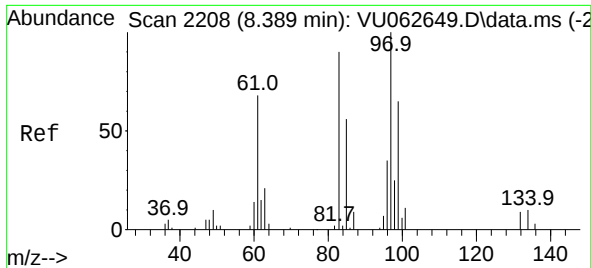
Tgt Ion: 75 Resp: 218613

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6

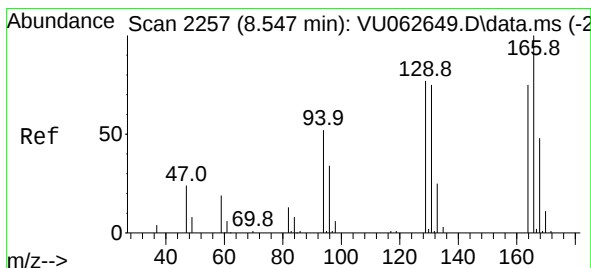
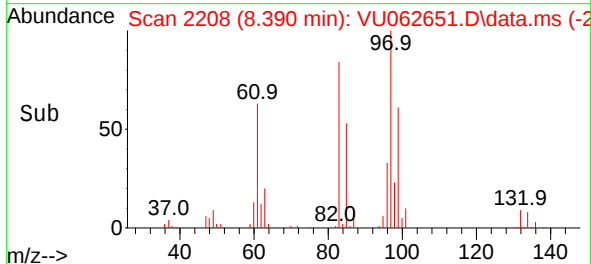
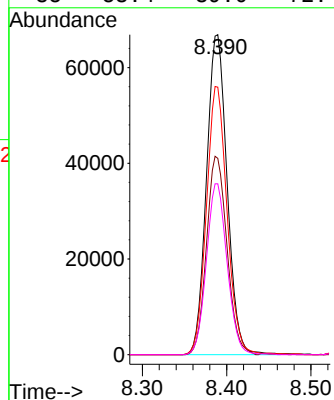
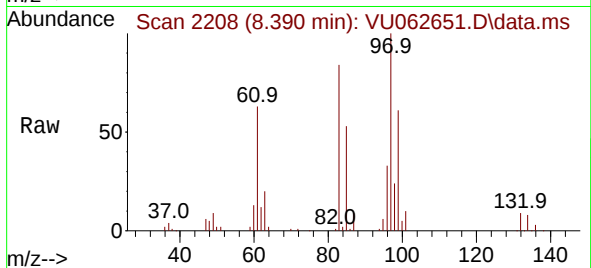




#45
1,1,2-Trichloroethane
Concen: 20.224 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

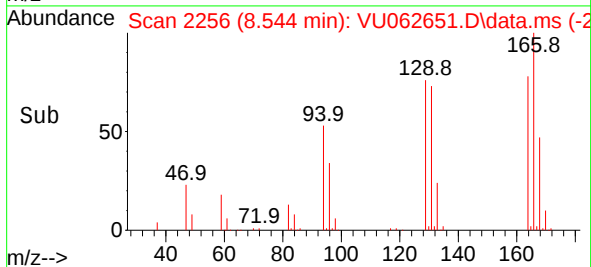
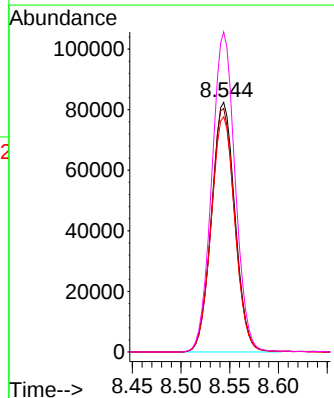
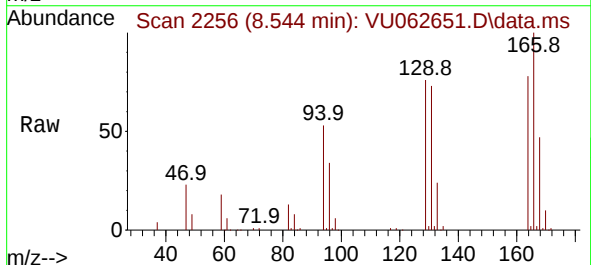
Instrument :
MSVOA_U
ClientSampleId :

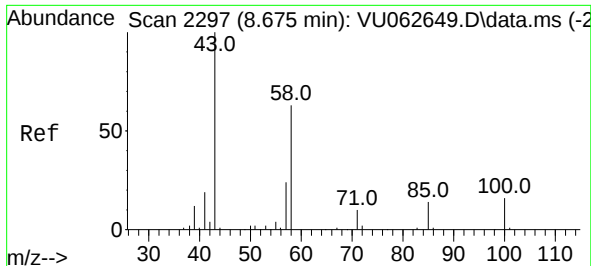
Tgt Ion:	97	Resp:	113965
Ion	Ratio	Lower	Upper
97	100		
99	61.4	45.6	84.6
83	83.6	63.0	117.0
85	53.4	39.0	72.4



#47
Tetrachloroethene
Concen: 20.273 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

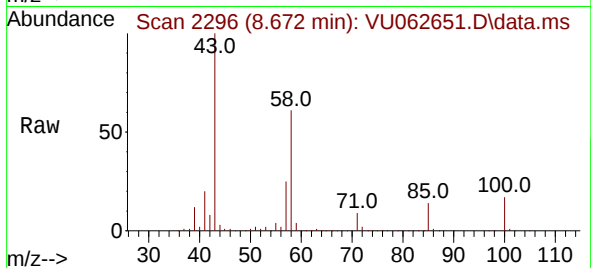
Tgt Ion:	164	Resp:	137944
Ion	Ratio	Lower	Upper
164	100		
129	97.5	71.0	131.9
131	94.2	69.4	129.0
166	128.2	92.7	172.3



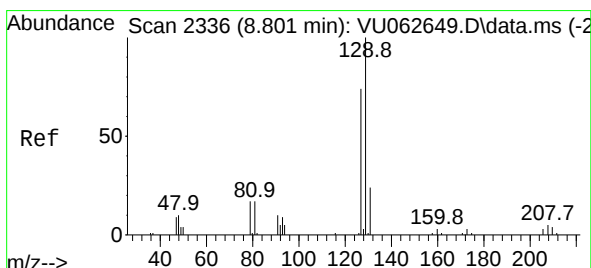
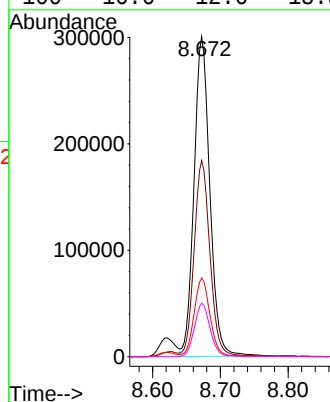
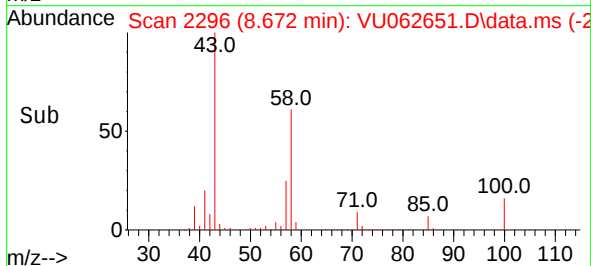


#48
2-Hexanone
Concen: 192.360 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Instrument :
MSVOA_U
ClientSampleId :

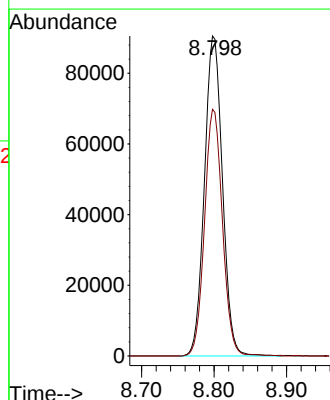
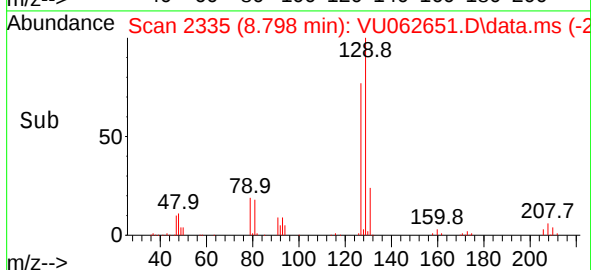
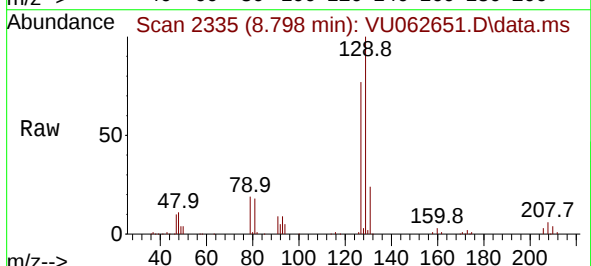


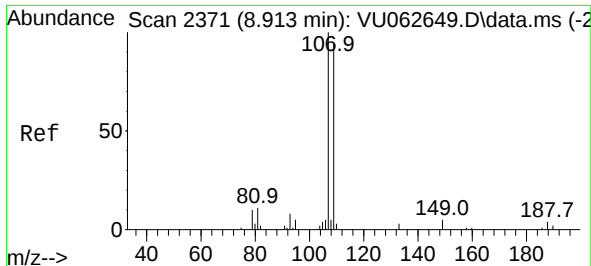
Tgt	Ion: 43	Resp:	487752
Ion	Ratio	Lower	Upper
43	100		
58	60.5	50.2	75.4
57	24.4	19.9	29.9
100	16.6	12.6	18.8



#49
Dibromochloromethane
Concen: 22.421 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt	Ion:129	Resp:	156353
Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.1	96.9





#50

1,2-Dibromoethane

Concen: 20.868 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

ClientSampleId :

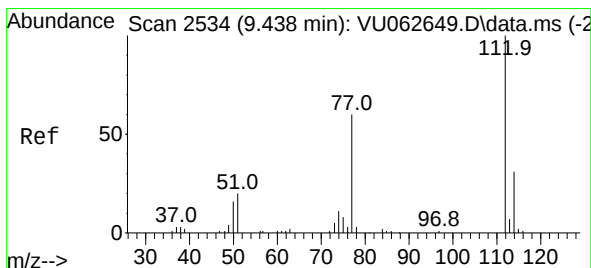
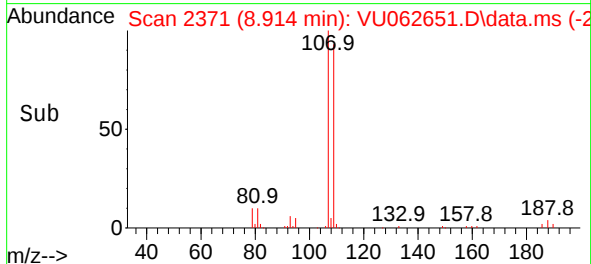
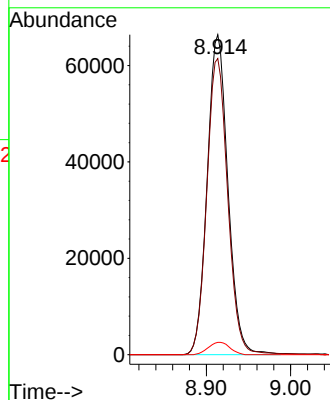
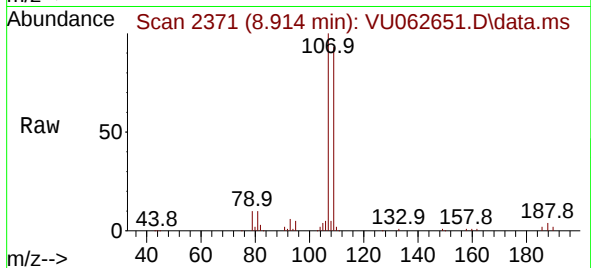
Tgt Ion:107 Resp: 113871

Ion Ratio Lower Upper

107 100

109 92.6 65.7 121.9

188 3.8 3.4 5.2



#51

Chlorobenzene

Concen: 19.598 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

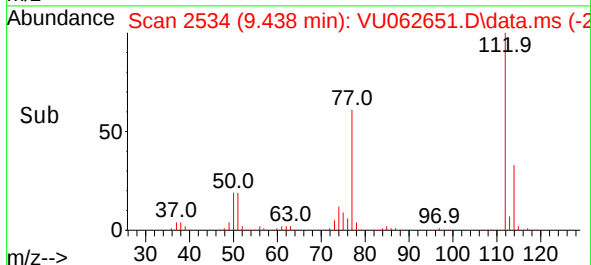
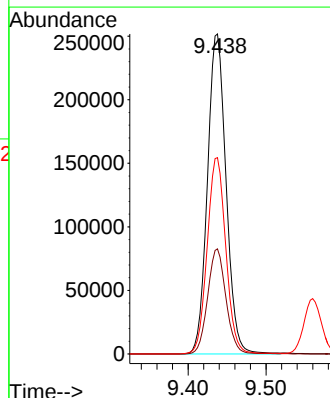
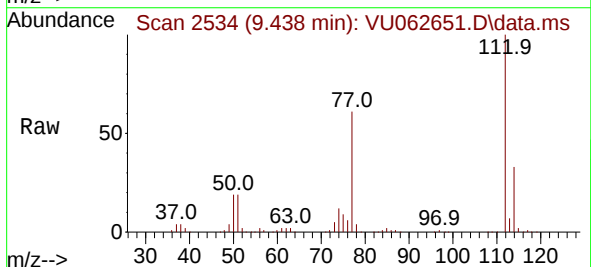
Tgt Ion:112 Resp: 418961

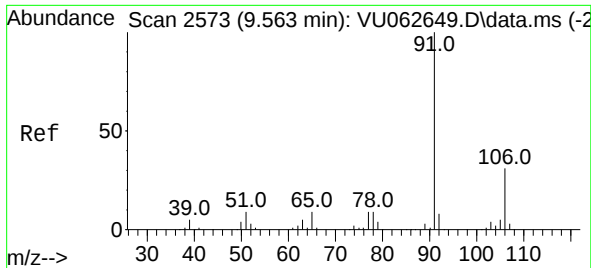
Ion Ratio Lower Upper

112 100

114 32.9 21.7 40.3

77 61.3 48.6 73.0

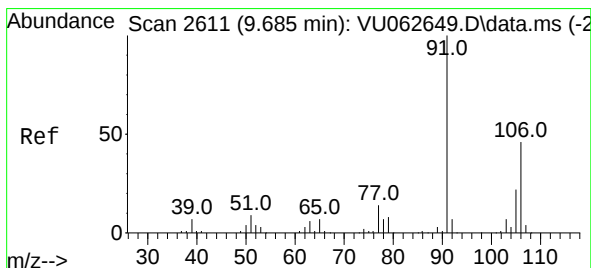
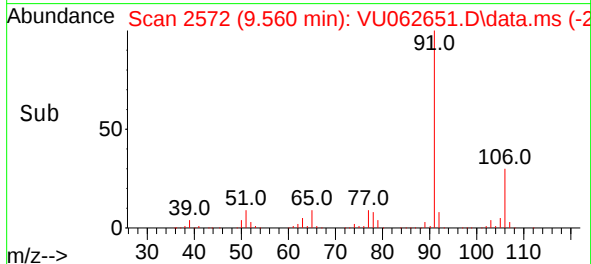
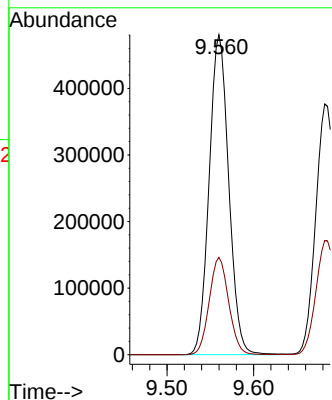
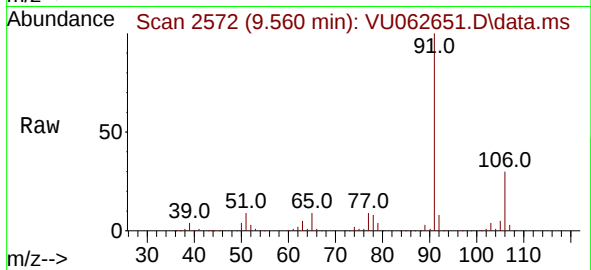




#52
Ethylbenzene
Concen: 20.263 ug/L
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

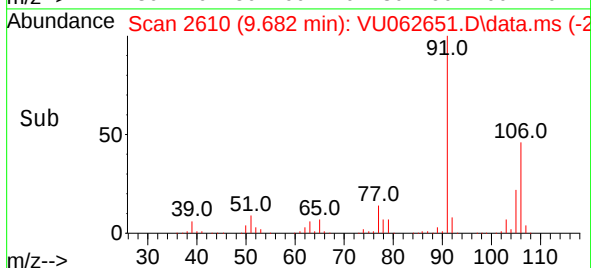
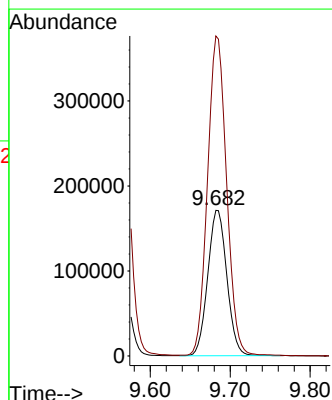
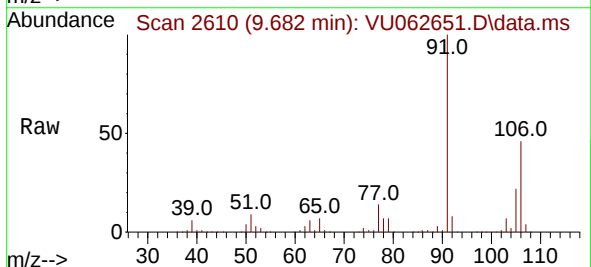
Instrument :
MSVOA_U
ClientSampleId :

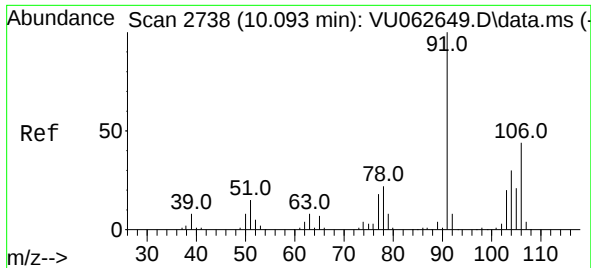
Tgt Ion: 91 Resp: 754902
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7



#53
m,p-Xylene
Concen: 20.652 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion:106 Resp: 284328
Ion Ratio Lower Upper
106 100
91 219.8 153.1 284.3

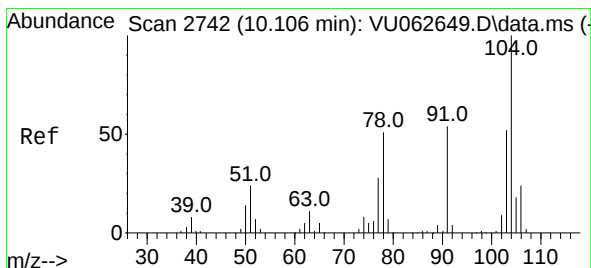
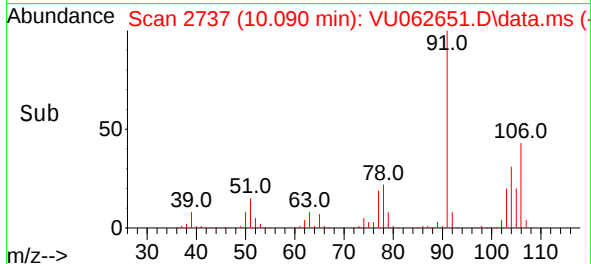
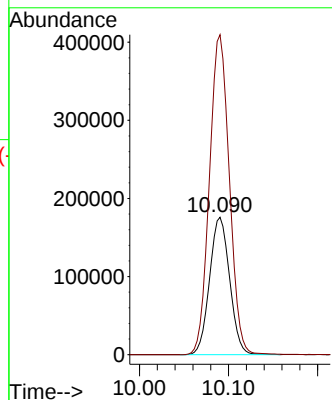
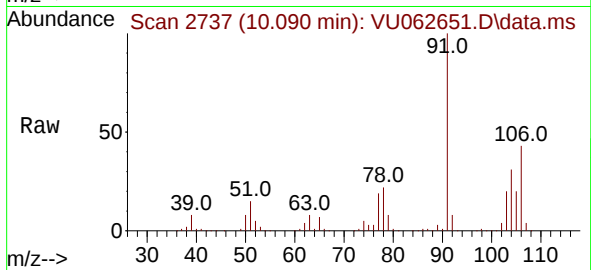




#54
o-Xylene
Concen: 20.550 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

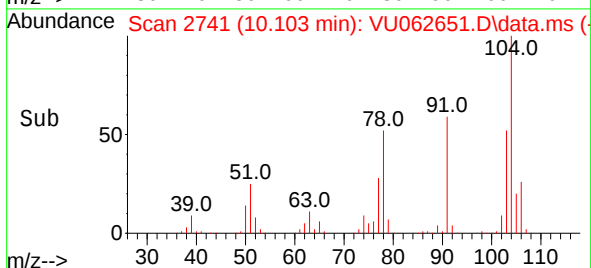
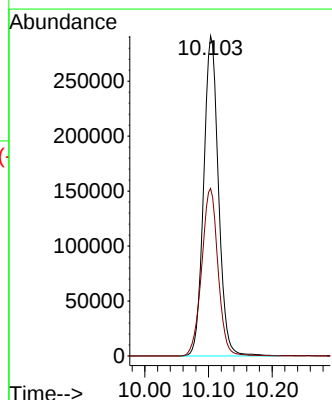
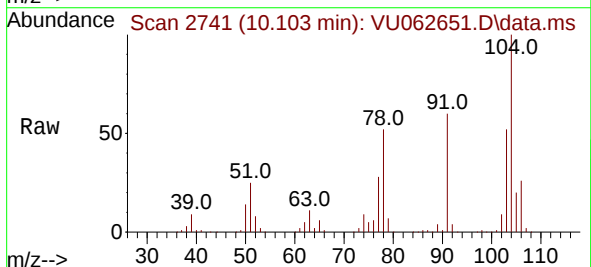
Instrument :
MSVOA_U
ClientSampleId :

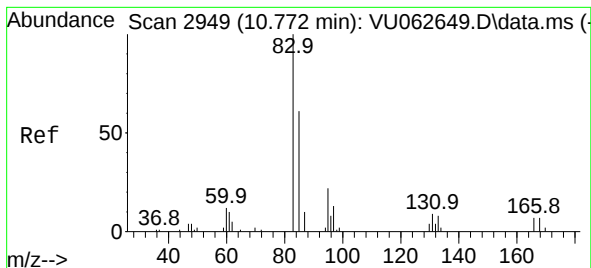
Tgt Ion:106 Resp: 274992
Ion Ratio Lower Upper
106 100
91 232.9 160.4 297.8



#55
Styrene
Concen: 21.243 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion:104 Resp: 471197
Ion Ratio Lower Upper
104 100
78 52.3 35.5 65.9

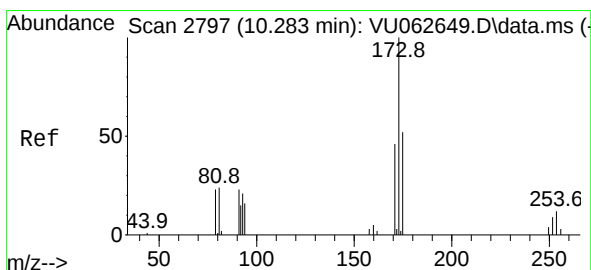
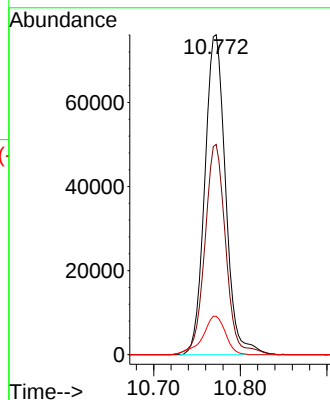
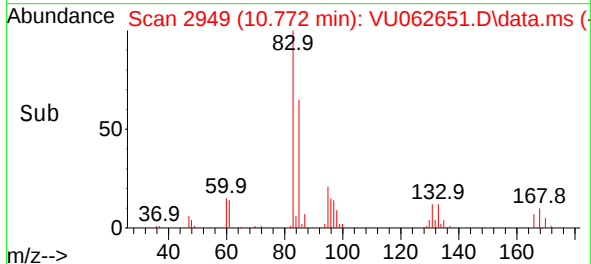
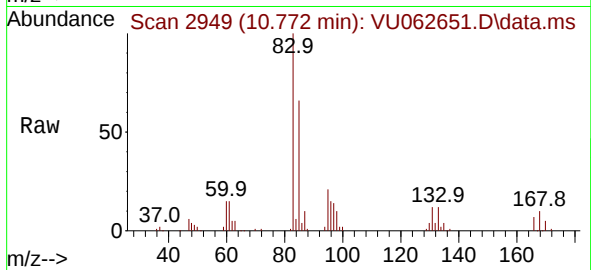




#57
1,1,2,2-Tetrachloroethane
Concen: 19.415 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

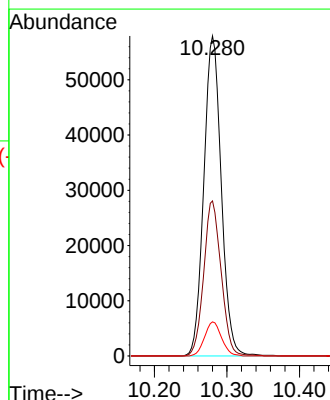
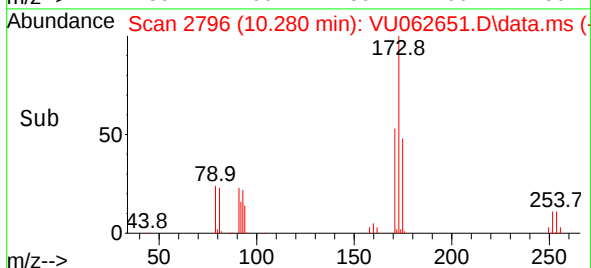
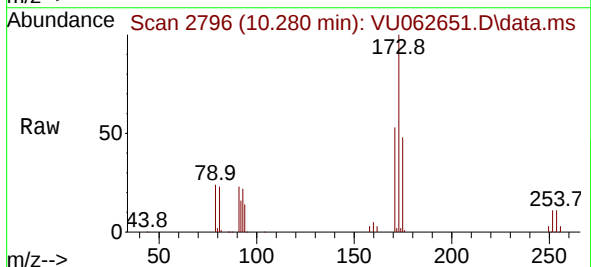
Instrument :
MSVOA_U
ClientSampleId :

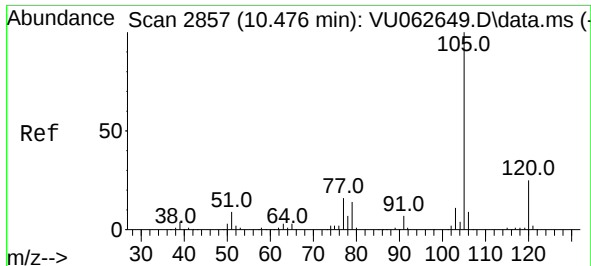
Tgt Ion: 83 Resp: 126839
Ion Ratio Lower Upper
83 100
85 65.7 43.0 79.8
131 12.0 7.4 11.0#



#59
Bromoform
Concen: 22.468 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

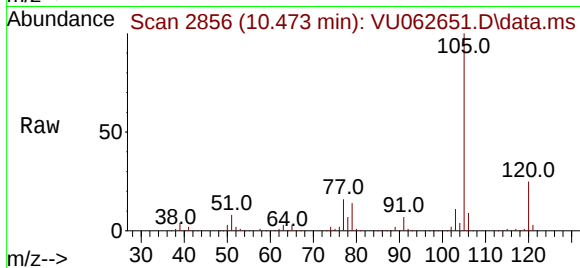
Tgt Ion:173 Resp: 96852
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.8
254 10.4 8.6 12.8



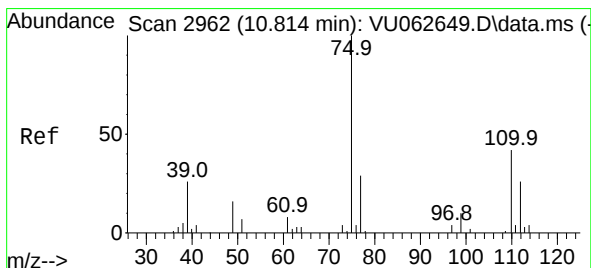
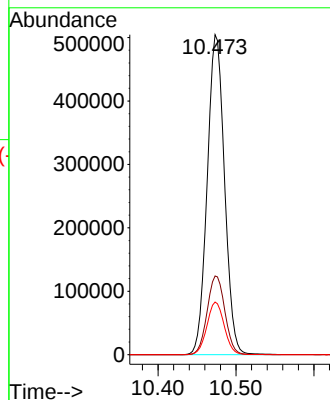
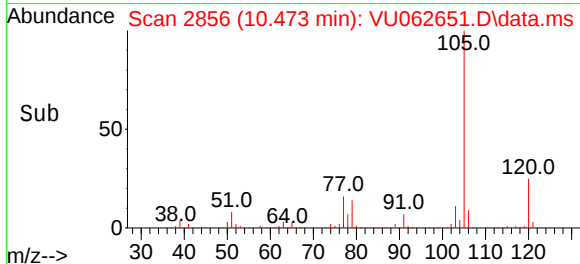


#60
Isopropylbenzene
Concen: 20.059 ug/L
RT: 10.473 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Instrument :
MSVOA_U
ClientSampleId :

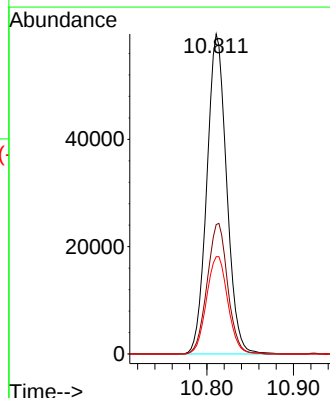
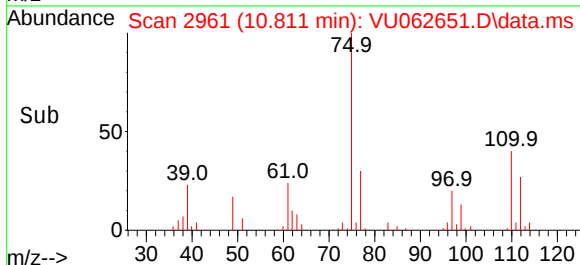
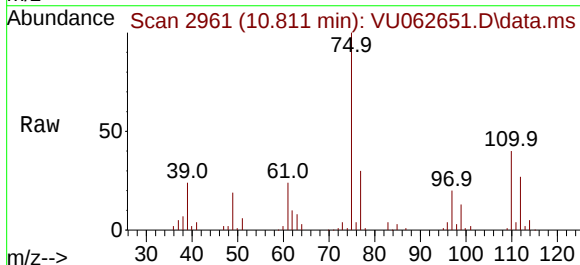


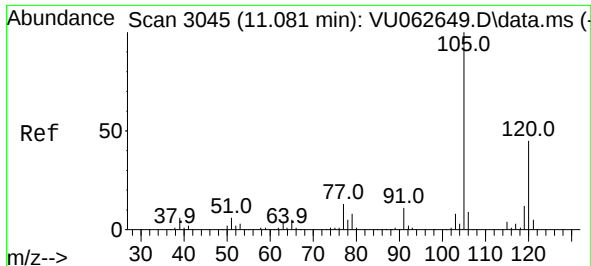
Tgt Ion:105 Resp: 777911
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.2
77 16.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 19.162 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion: 75 Resp: 94607
Ion Ratio Lower Upper
75 100
110 42.3 33.2 49.8
77 32.8 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 20.646 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

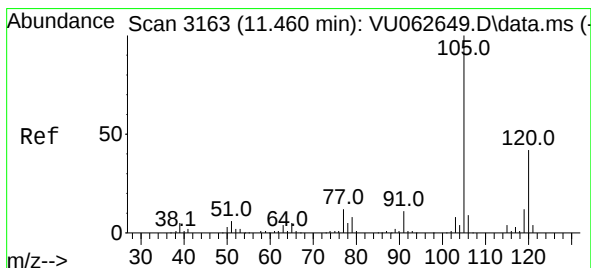
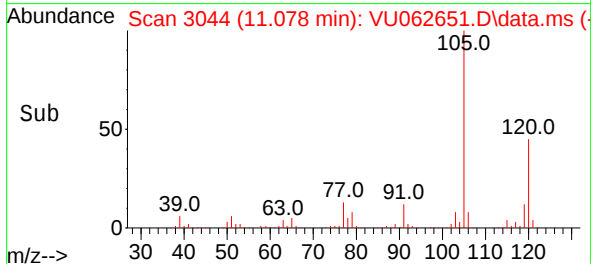
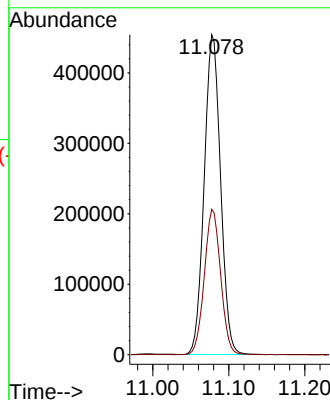
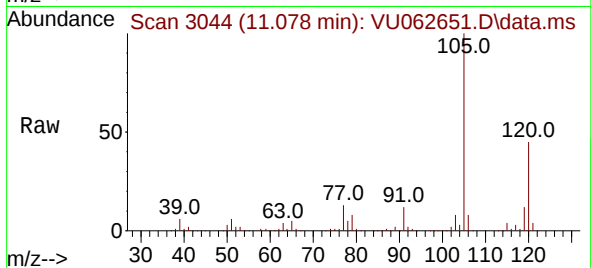
ClientSampleId :

Tgt Ion:105 Resp: 678796

Ion Ratio Lower Upper

105 100

120 45.3 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 20.838 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062651.D

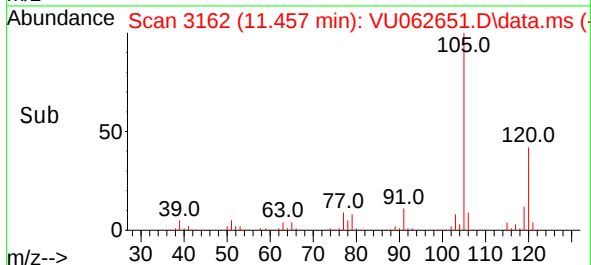
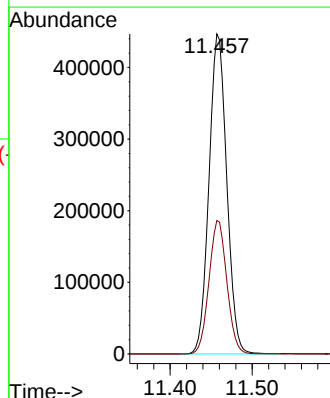
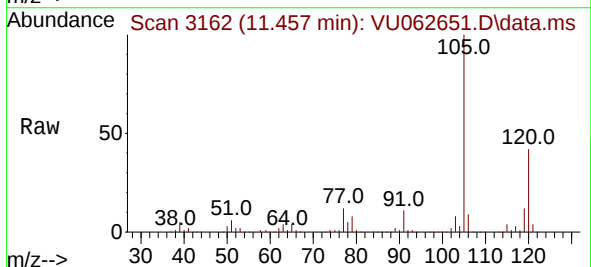
Acq: 02 Jan 2025 12:05

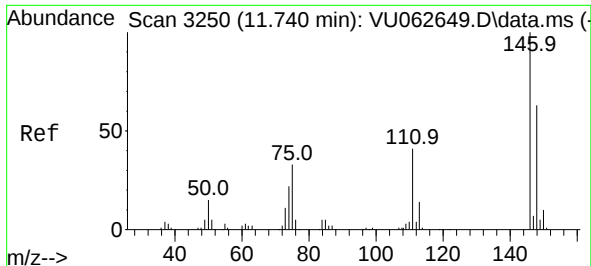
Tgt Ion:105 Resp: 670778

Ion Ratio Lower Upper

105 100

120 42.0 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 19.468 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

ClientSampleId :

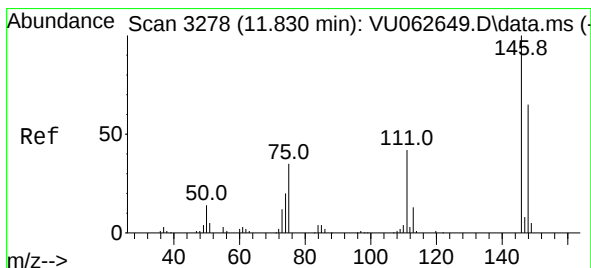
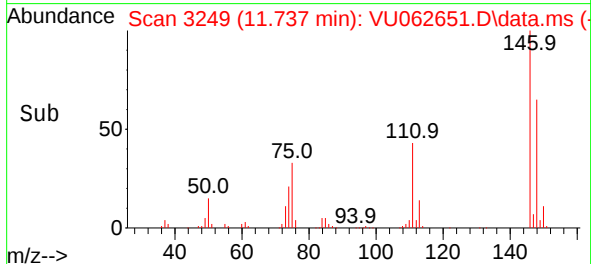
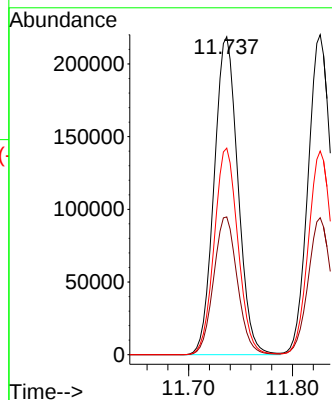
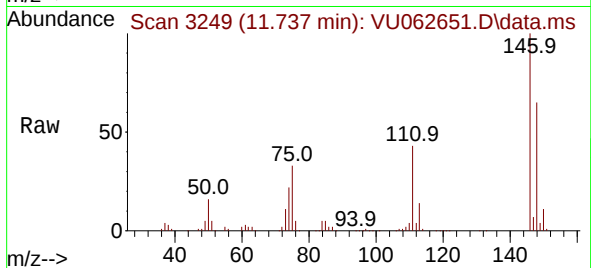
Tgt Ion:146 Resp: 348597

Ion Ratio Lower Upper

146 100

111 43.3 28.6 53.0

148 65.0 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 19.642 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

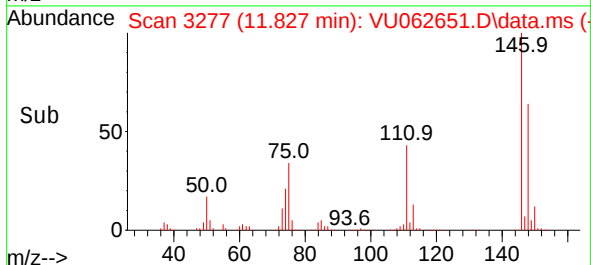
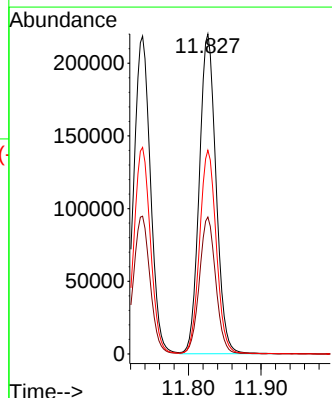
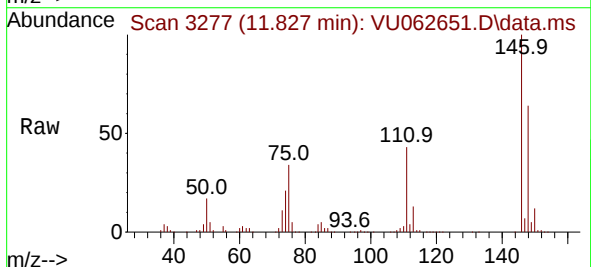
Tgt Ion:146 Resp: 352619

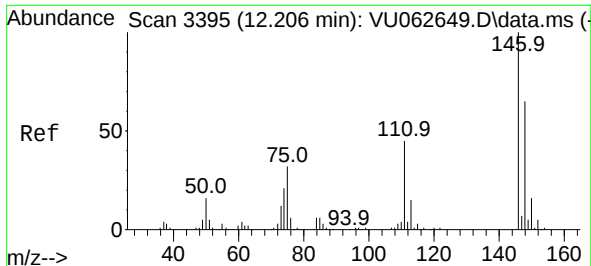
Ion Ratio Lower Upper

146 100

111 42.8 29.5 54.9

148 63.6 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 19.781 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

ClientSampleId :

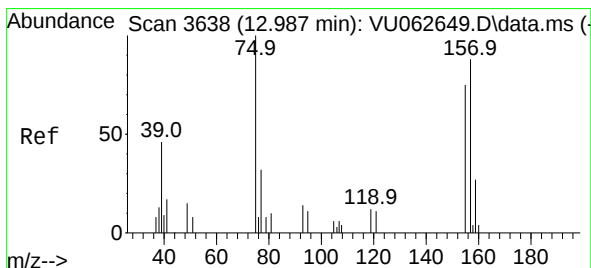
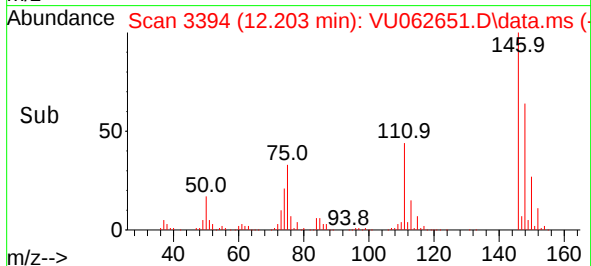
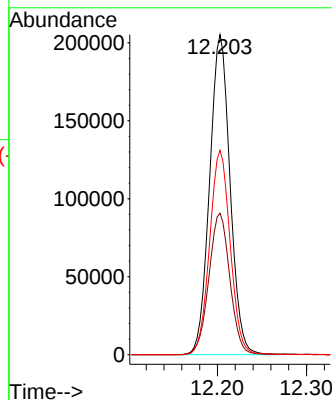
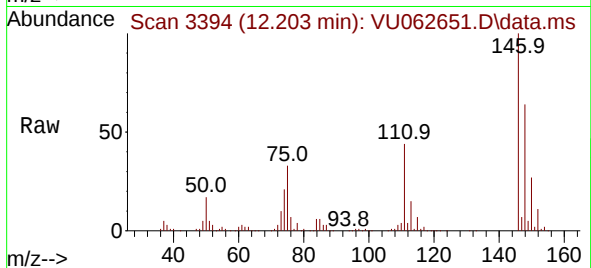
Tgt Ion:146 Resp: 326817

Ion Ratio Lower Upper

146 100

111 44.2 36.3 54.5

148 63.8 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.118 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

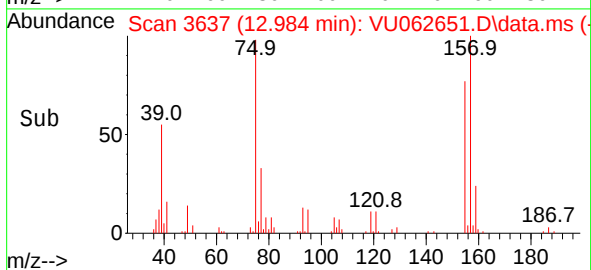
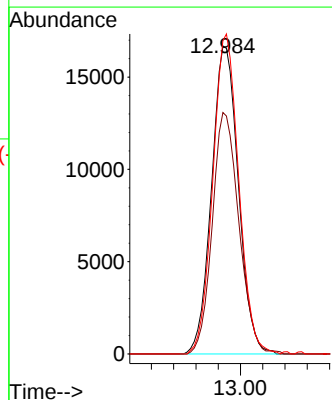
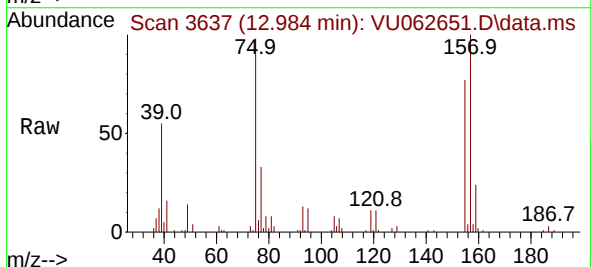
Tgt Ion: 75 Resp: 27870

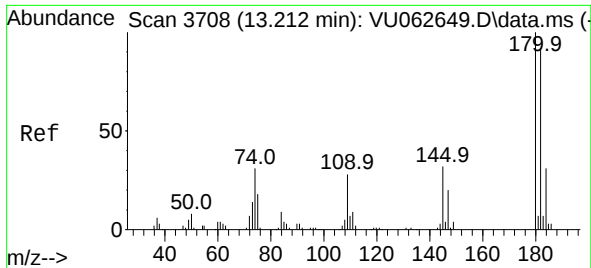
Ion Ratio Lower Upper

75 100

155 78.5 59.6 89.4

157 101.9 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 20.633 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

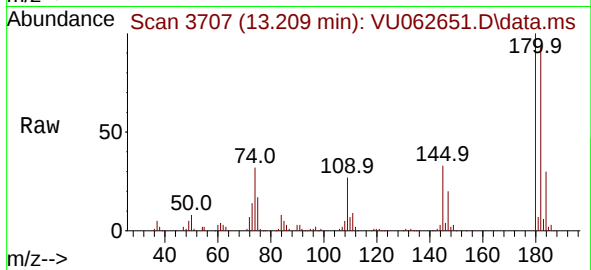
Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 276102

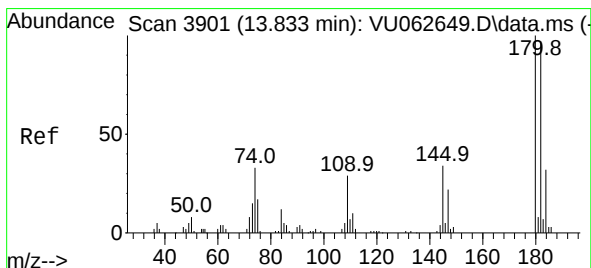
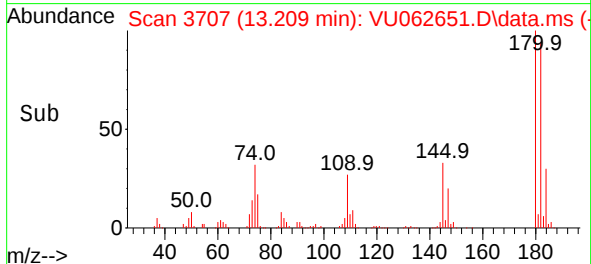
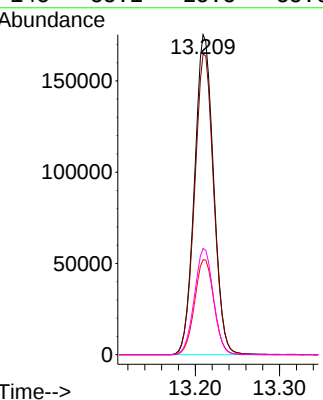
Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.8

184 30.2 24.7 37.1

145 33.1 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 22.878 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062651.D

Acq: 02 Jan 2025 12:05

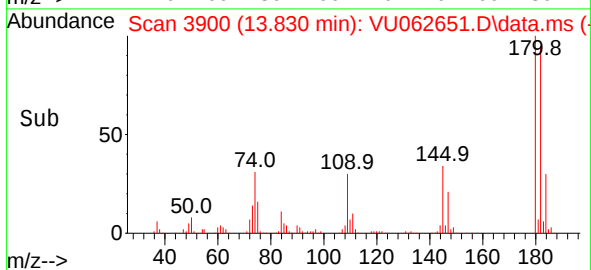
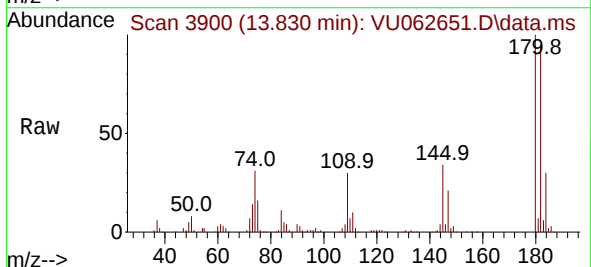
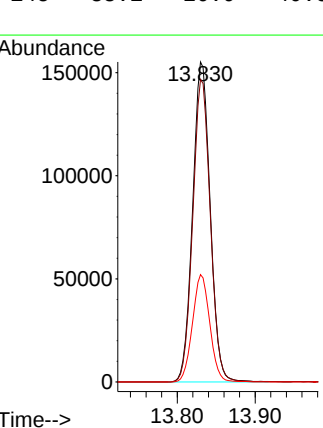
Tgt Ion:180 Resp: 242787

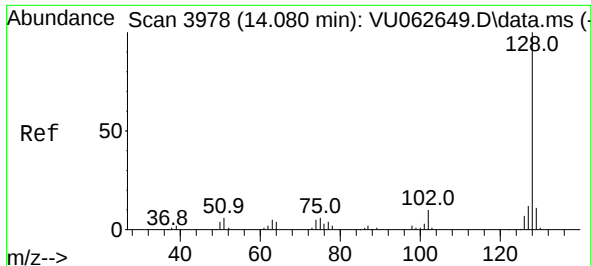
Ion Ratio Lower Upper

180 100

182 94.5 77.1 115.7

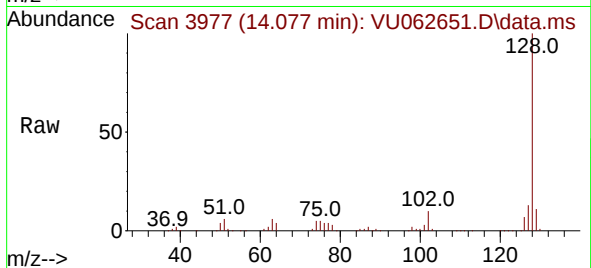
145 33.1 26.9 40.3



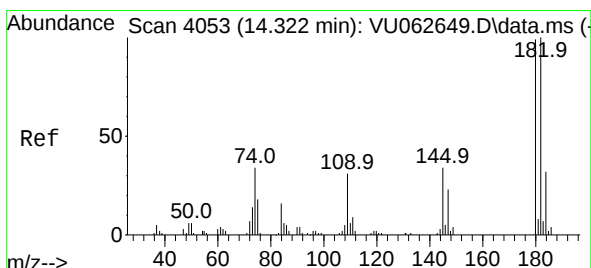
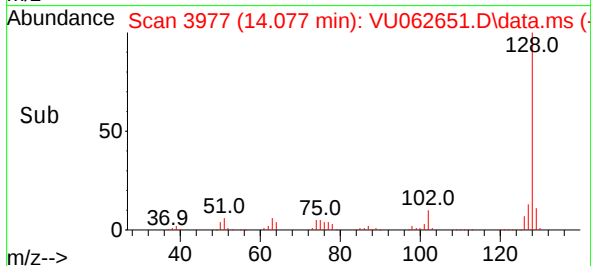
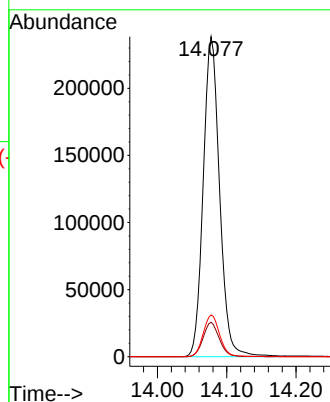


#71
Naphthalene
Concen: 24.580 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 390688
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 22.757 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062651.D
Acq: 02 Jan 2025 12:05

Tgt Ion:180 Resp: 212643
Ion Ratio Lower Upper
180 100
182 94.2 79.8 119.6
145 35.3 29.2 43.8

