

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062701.D
 Acq On : 10 Jan 2025 23:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:34:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96349	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	91209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	46592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22290	4.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.901	69	20161	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.557	65	11868	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.605	46	63147	57.900	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.800%
24) Chloroform-d	5.049	84	68322	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.689	65	37251	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.714	84	108494	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.679	67	31298	5.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.885	98	107086	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.171	79	16439	5.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.621	63	55130	56.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.780%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	29264	5.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	41105	5.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	43045	4.690	ug/L	99
3) Chloromethane	1.515	50	30176	4.899	ug/L	98
5) Vinyl chloride	1.599	62	33975	4.898	ug/L	100
6) Bromomethane	1.840	94	16415	3.253	ug/L	99
8) Chloroethane	1.920	64	22002	5.280	ug/L	99
9) Trichlorofluoromethane	2.129	101	68990	4.931	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	32460	4.802	ug/L	99
12) 1,1-Dichloroethene	2.570	96	30628	5.121	ug/L	92
13) Acetone	2.612	43	43324	50.146	ug/L	99
14) Carbon disulfide	2.782	76	91609	4.795	ug/L	99
15) Methyl Acetate	2.940	43	10391	5.555	ug/L	99
16) Methylene chloride	3.033	84	34187	5.218	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	89748	5.460	ug/L	98
18) trans-1,2-Dichloroethene	3.338	96	32717	5.106	ug/L	99
19) 1,1-Dichloroethane	3.853	63	58938	5.144	ug/L	95
21) 2-Butanone	4.682	43	64168	55.768	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	37587	5.386	ug/L	99
23) Bromochloromethane	4.962	128	17990	5.461	ug/L	94
25) Chloroform	5.075	83	72178	5.119	ug/L	96

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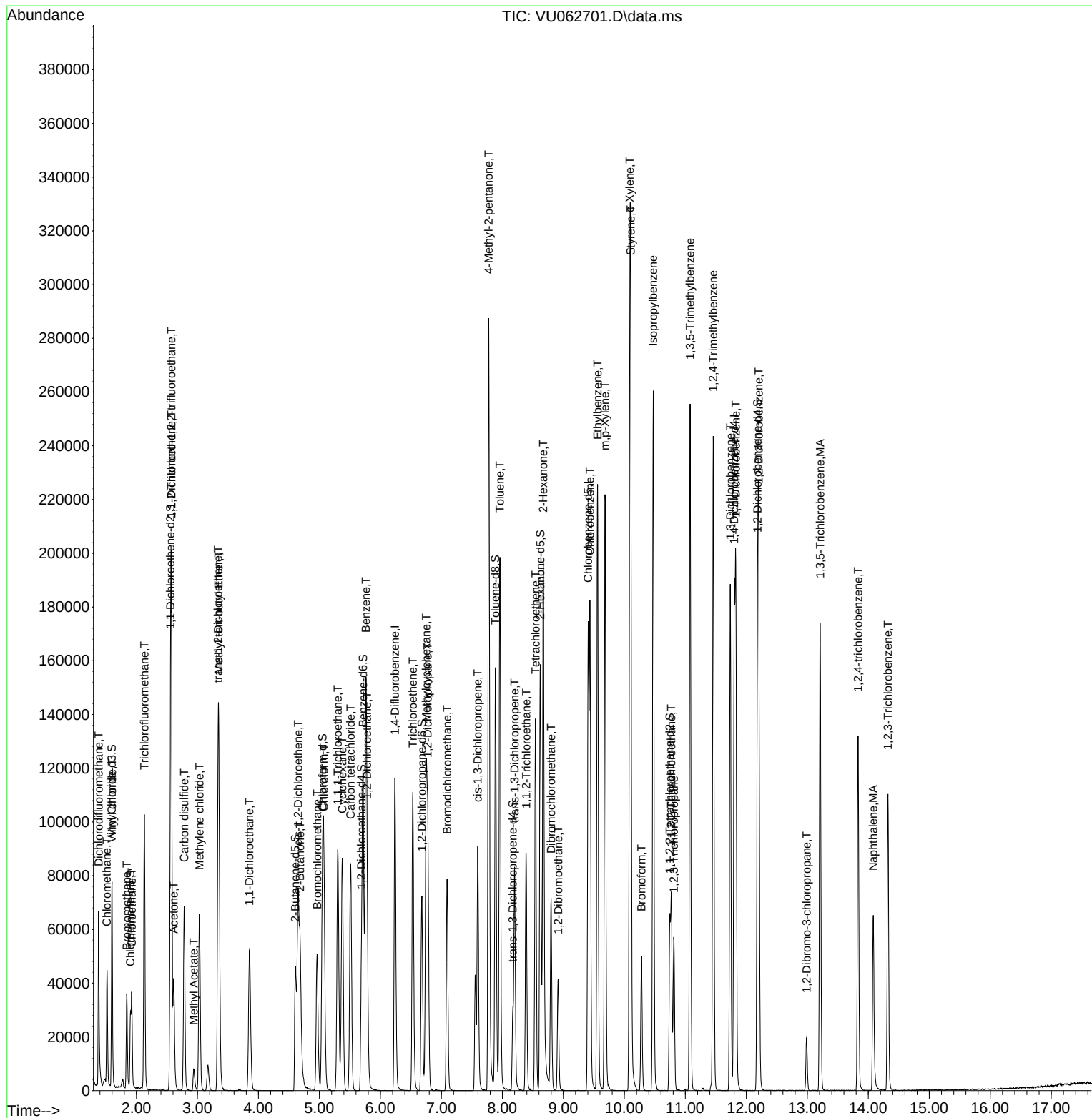
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47187	5.118	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	68833	4.975	ug/L	99
30) Cyclohexane	5.374	56	40528	4.486	ug/L	92
31) Carbon tetrachloride	5.512	117	62363	4.905	ug/L	99
33) Benzene	5.763	78	132580	5.059	ug/L	100
34) Trichloroethene	6.531	95	39208	4.380	ug/L	96
35) Methylcyclohexane	6.750	83	49561	4.499	ug/L	99
37) 1,2-Dichloropropane	6.775	63	30854	4.991	ug/L	98
38) Bromodichloromethane	7.094	83	53895	5.421	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	54016	5.132	ug/L	97
40) 4-Methyl-2-pentanone	7.775	43	158617	54.929	ug/L	98
42) Toluene	7.959	91	147038	5.121	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	48944	5.394	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	26592	5.296	ug/L	98
47) Tetrachloroethene	8.544	164	30086	4.880	ug/L	99
48) 2-Hexanone	8.669	43	110054	53.012	ug/L	99
49) Dibromochloromethane	8.798	129	36673	5.440	ug/L	92
50) 1,2-Dibromoethane	8.914	107	27573	5.740	ug/L	98
51) Chlorobenzene	9.435	112	96966	5.164	ug/L	99
52) Ethylbenzene	9.560	91	163696	5.024	ug/L	98
53) m,p-Xylene	9.682	106	61844	5.075	ug/L	98
54) o-Xylene	10.090	106	60682	5.198	ug/L	97
55) Styrene	10.103	104	102759	5.263	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	31937	5.671	ug/L	97
59) Bromoform	10.280	173	23112	5.687	ug/L	95
60) Isopropylbenzene	10.473	105	167072	5.204	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23412	5.665	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	144450	5.293	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	140210	5.311	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	77176	5.185	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	77242	5.146	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	71935	5.156	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5694	5.319	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.209	180	54745	4.883	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	41996	4.651	ug/L	99
71) Naphthalene	14.081	128	59157	4.478	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	34891	4.433	ug/L	99

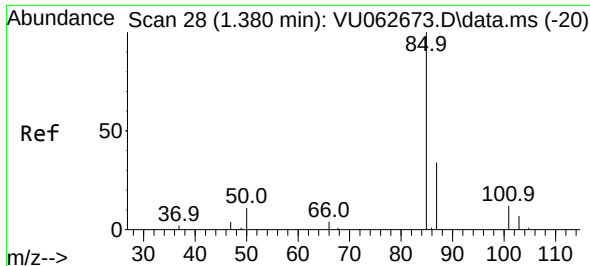
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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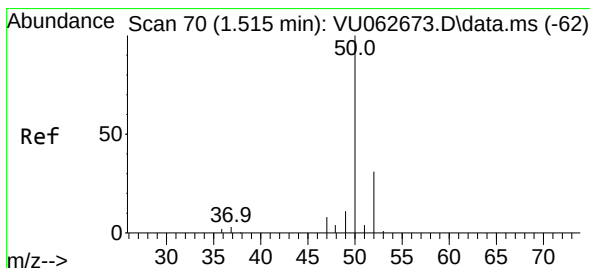
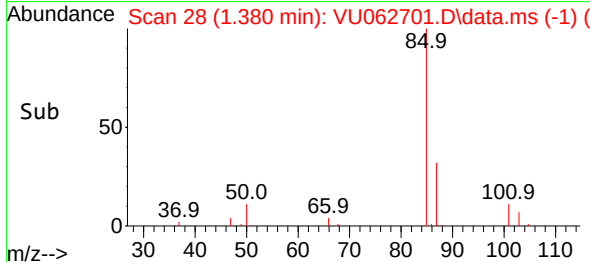
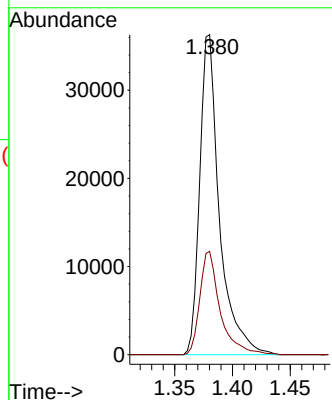
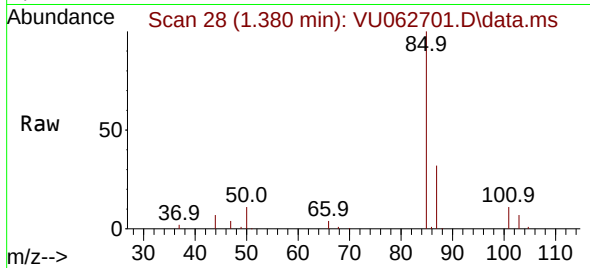




#2
Dichlorodifluoromethane
Concen: 4.690 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

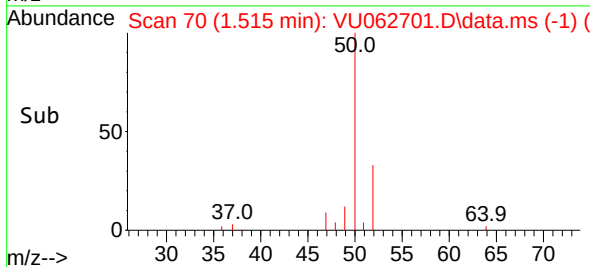
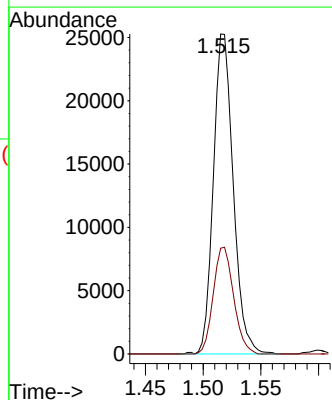
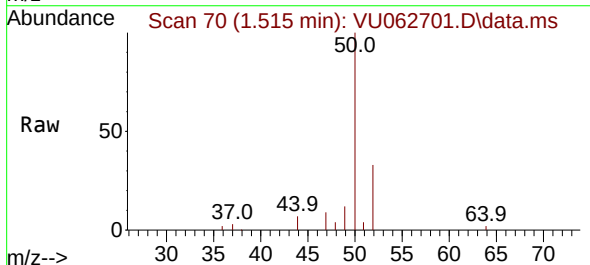
Instrument :
MSVOA_U
ClientSampleId :

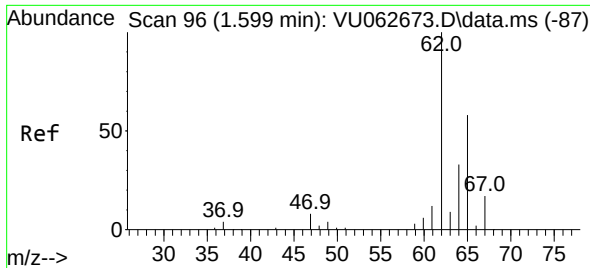
Tgt Ion: 85 Resp: 43045
Ion Ratio Lower Upper
85 100
87 33.4 26.1 39.1



#3
Chloromethane
Concen: 4.899 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

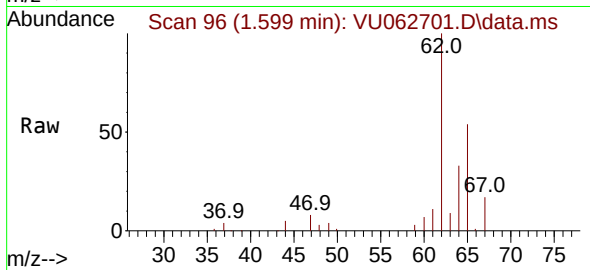
Tgt Ion: 50 Resp: 30176
Ion Ratio Lower Upper
50 100
52 33.1 24.1 44.7



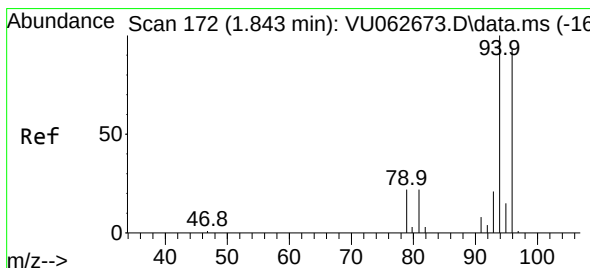
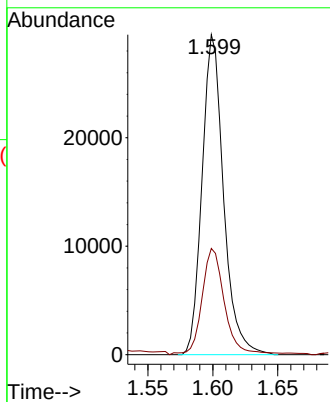
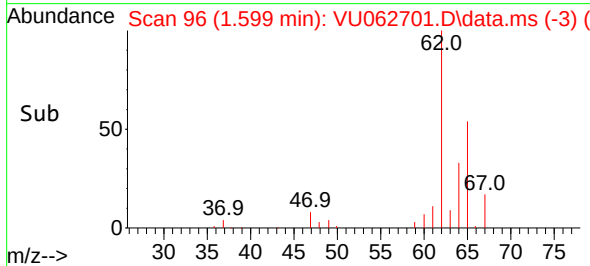


#5
 Vinyl chloride
 Concen: 4.898 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU062701.D
 Acq: 10 Jan 2025 23:26

Instrument :
 MSVOA_U
 ClientSampleId :

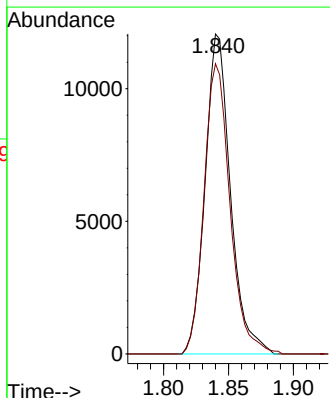
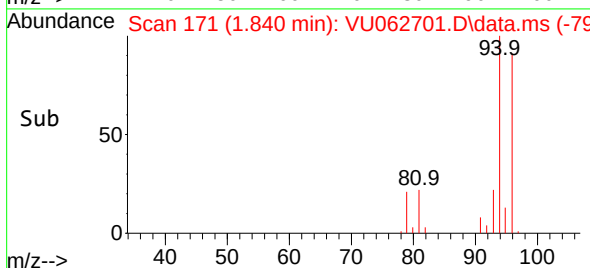
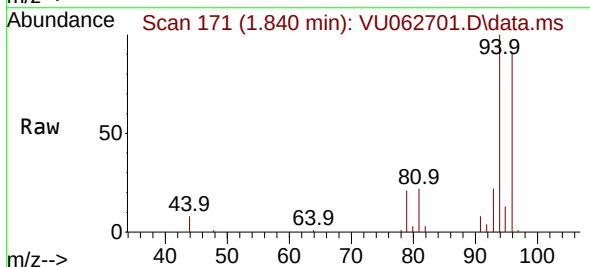


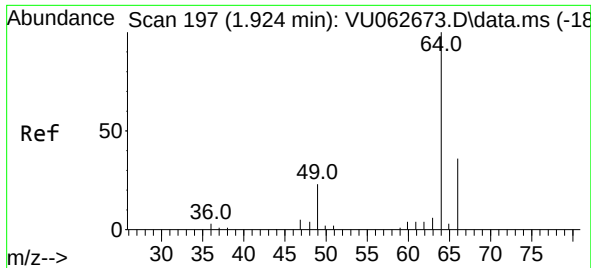
Tgt Ion: 62 Resp: 33975
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.4



#6
 Bromomethane
 Concen: 3.253 ug/L
 RT: 1.840 min Scan# 171
 Delta R.T. -0.003 min
 Lab File: VU062701.D
 Acq: 10 Jan 2025 23:26

Tgt Ion: 94 Resp: 16415
 Ion Ratio Lower Upper
 94 100
 96 90.7 62.9 116.7

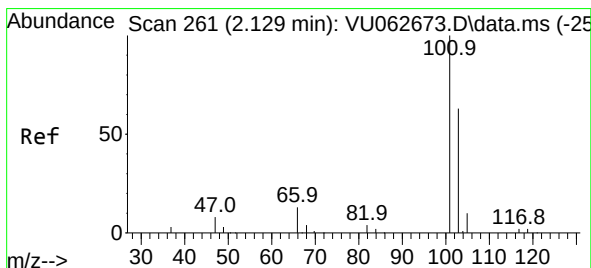
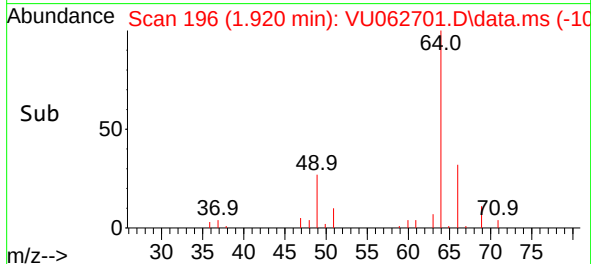
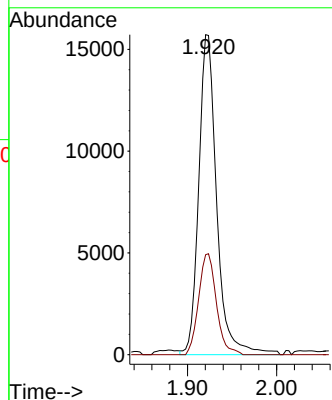
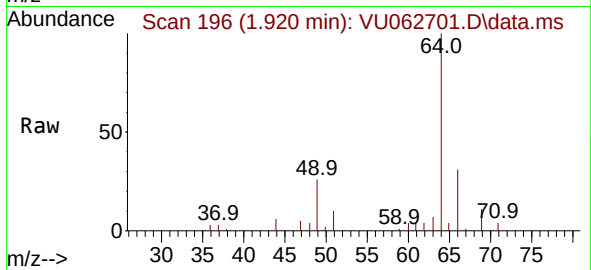




#8
Chloroethane
Concen: 5.280 ug/L
RT: 1.920 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

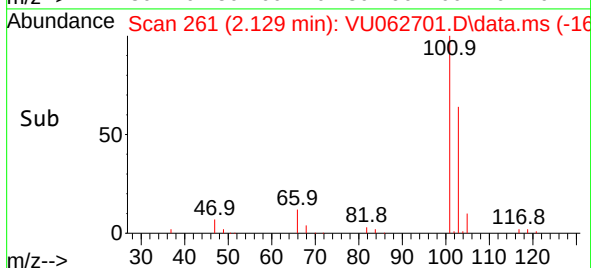
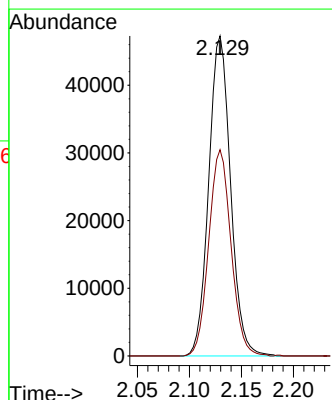
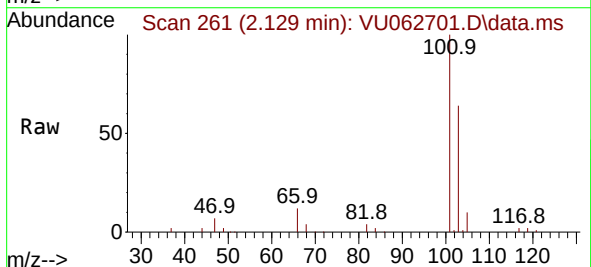
Instrument :
MSVOA_U
ClientSampleId :

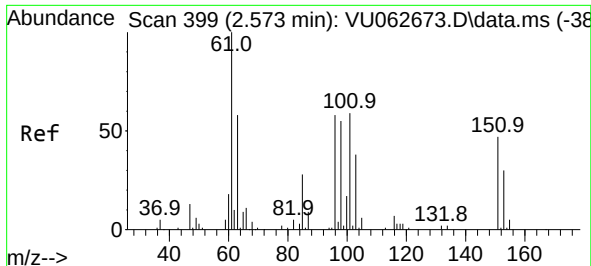
Tgt Ion: 64 Resp: 22002
Ion Ratio Lower Upper
64 100
66 31.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.931 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion:101 Resp: 68990
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

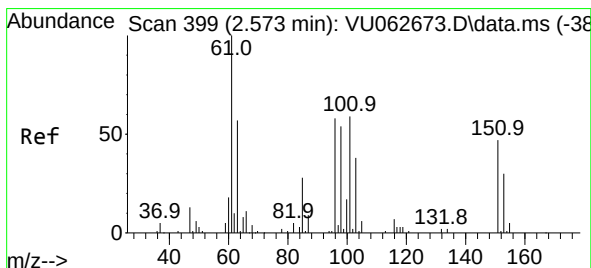
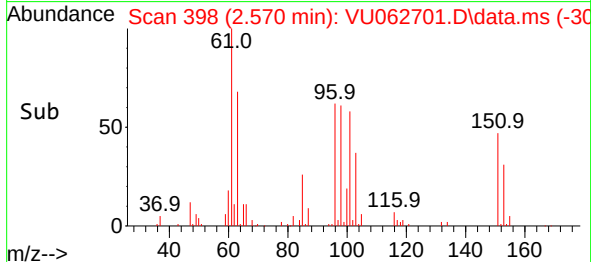
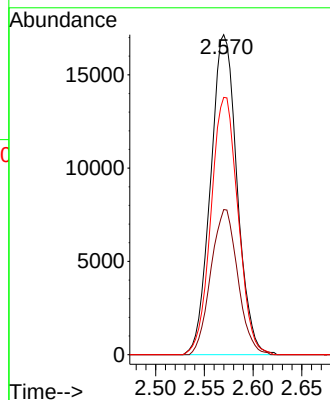
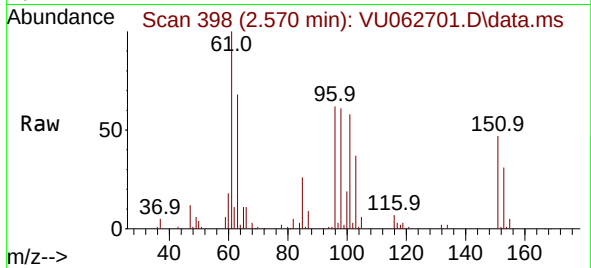




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.802 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU062701.D
 Acq: 10 Jan 2025 23:26

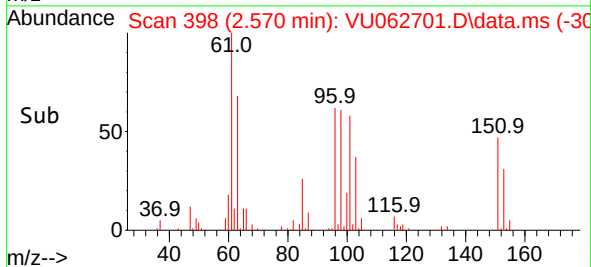
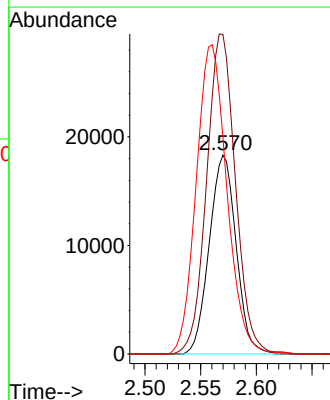
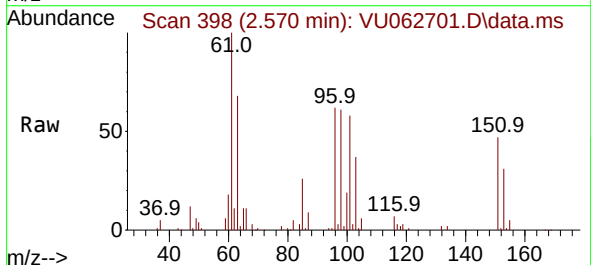
Instrument :
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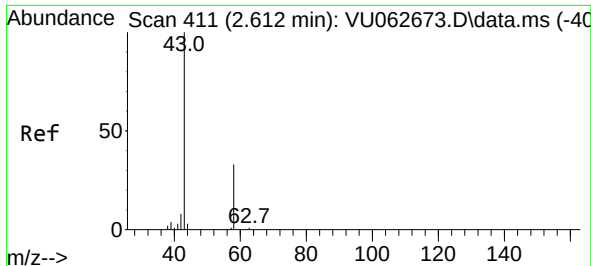
Tgt Ion:101 Resp: 32460
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.0 55.6
 151 82.0 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 5.121 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU062701.D
 Acq: 10 Jan 2025 23:26

Tgt Ion: 96 Resp: 30628
 Ion Ratio Lower Upper
 96 100
 61 160.8 120.4 223.6
 63 109.1 82.3 152.9





#13

Acetone

Concen: 50.146 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

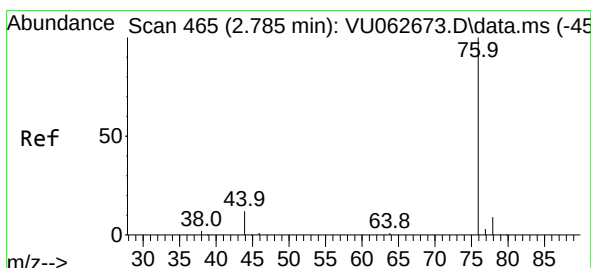
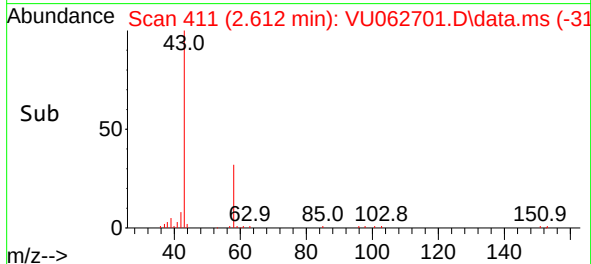
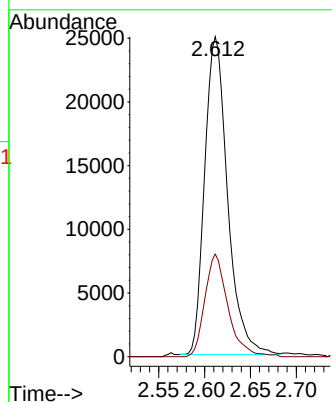
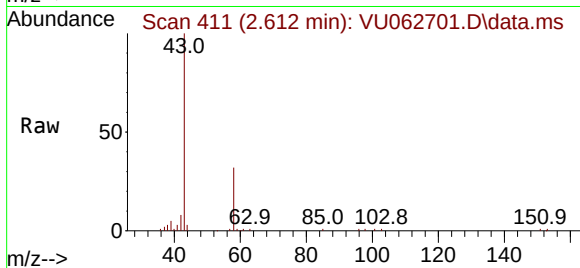
ClientSampleId :

Tgt Ion: 43 Resp: 43324

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.4



#14

Carbon disulfide

Concen: 4.795 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

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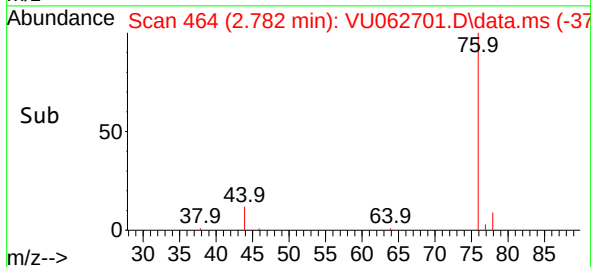
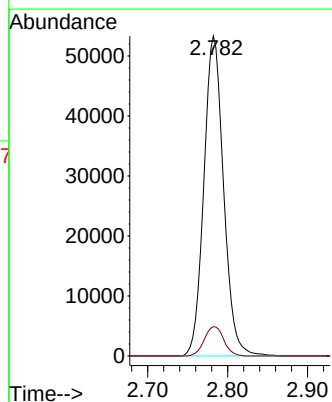
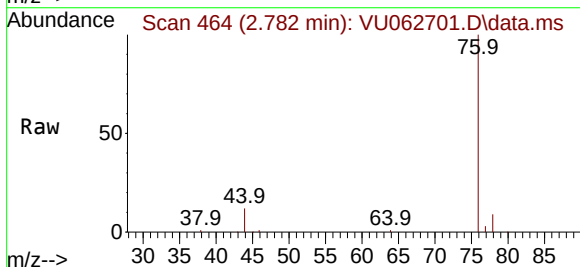
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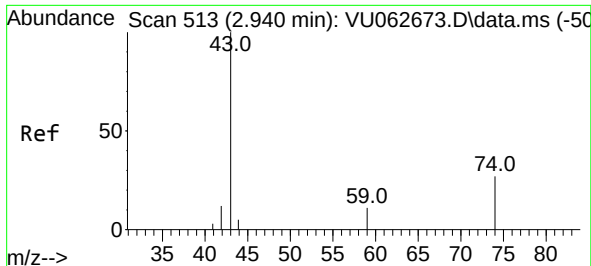
Tgt Ion: 76 Resp: 91609

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

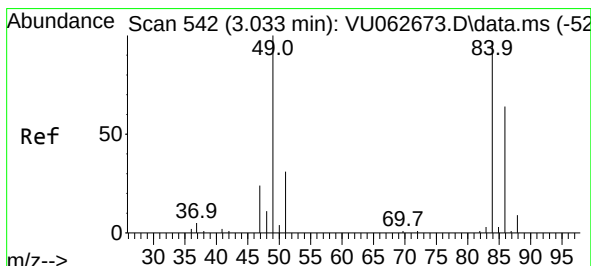
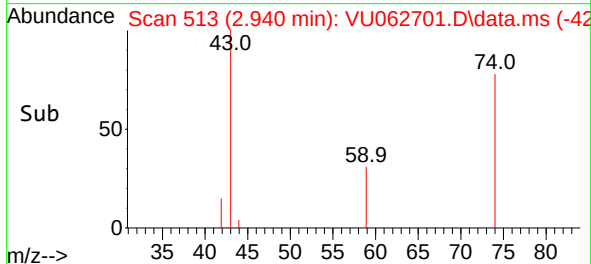
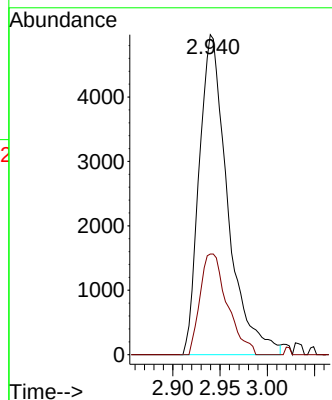
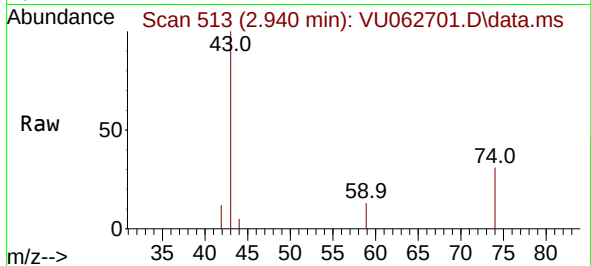




#15
Methyl Acetate
Concen: 5.555 ug/L
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

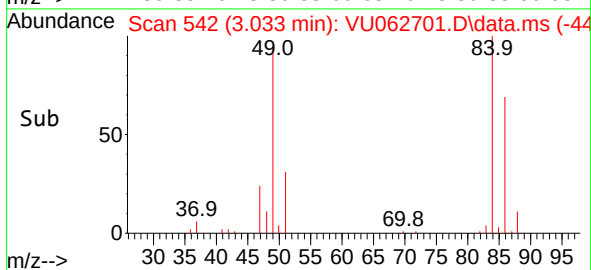
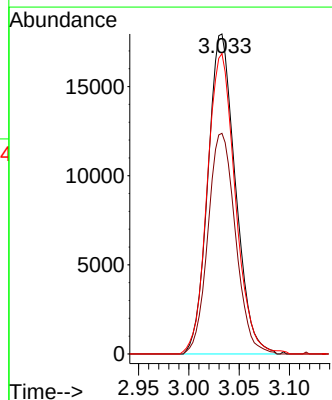
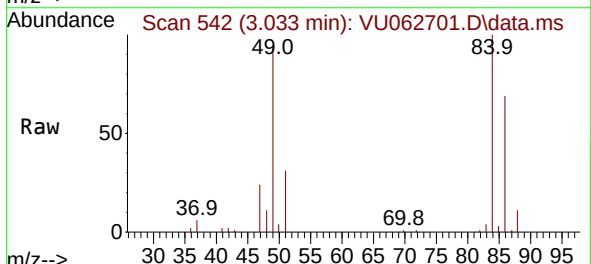
Instrument :
MSVOA_U
ClientSampleId :

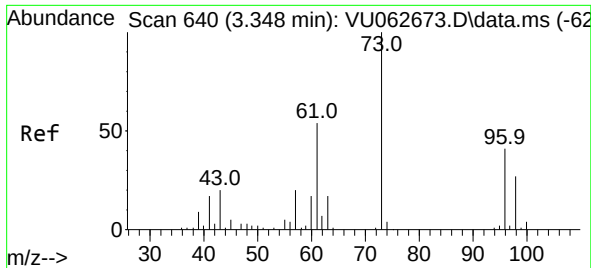
Tgt Ion: 43 Resp: 10391
Ion Ratio Lower Upper
43 100
74 30.1 24.4 36.6



#16
Methylene chloride
Concen: 5.218 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion: 84 Resp: 34187
Ion Ratio Lower Upper
84 100
86 68.9 44.7 83.1
49 93.9 68.3 126.9

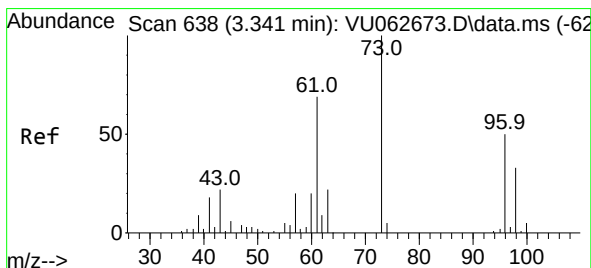
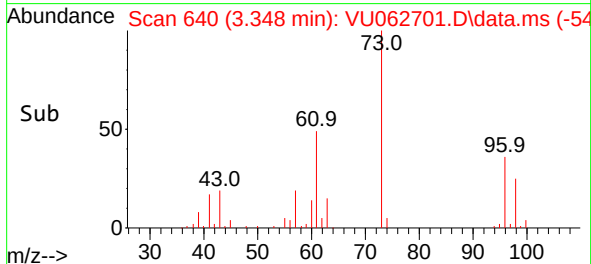
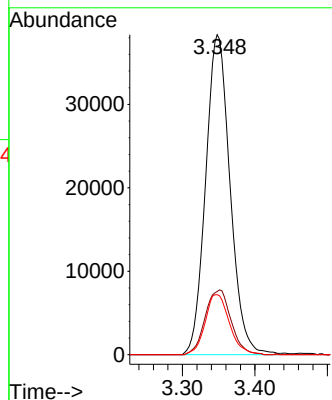
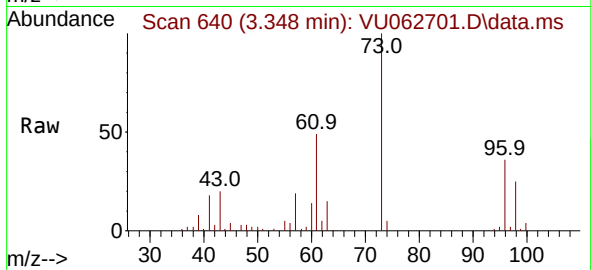




#17
Methyl tert-butyl Ether
Concen: 5.460 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

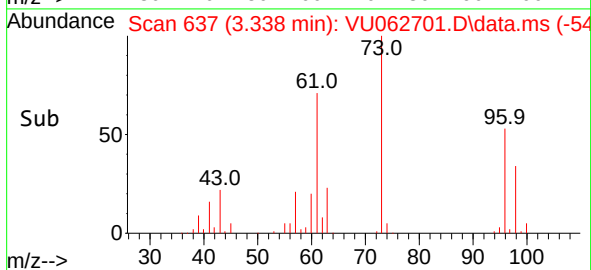
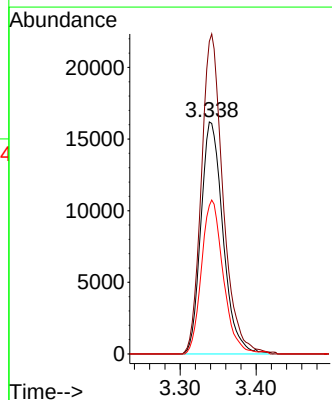
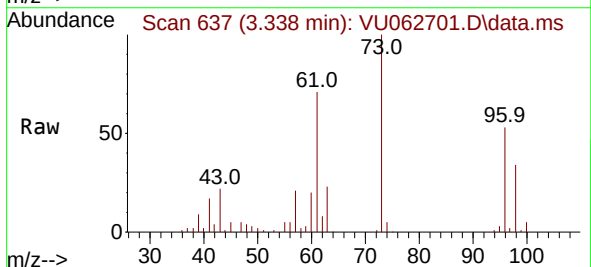
Instrument :
MSVOA_U
ClientSampleId :

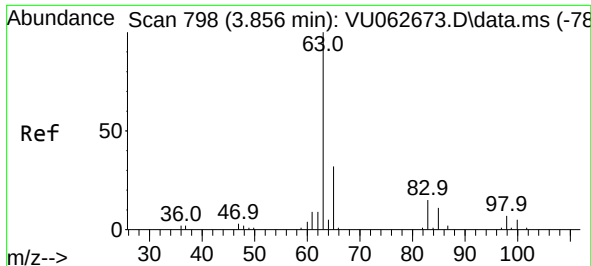
Tgt Ion: 73	Resp:	89748	
Ion	Ratio	Lower	Upper
73	100		
43	21.4	16.2	24.4
57	18.8	14.6	22.0



#18
trans-1,2-Dichloroethene
Concen: 5.106 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion: 96	Resp:	32717	
Ion	Ratio	Lower	Upper
96	100		
61	134.7	94.4	175.2
98	63.9	42.8	79.4





#19

1,1-Dichloroethane

Concen: 5.144 ug/L

RT: 3.853 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

ClientSampleId :

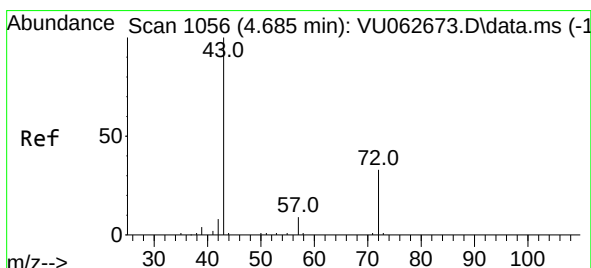
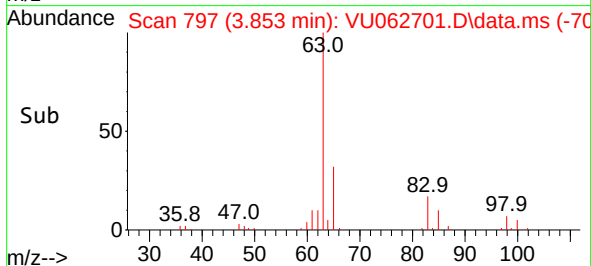
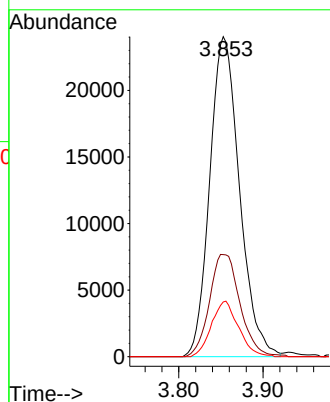
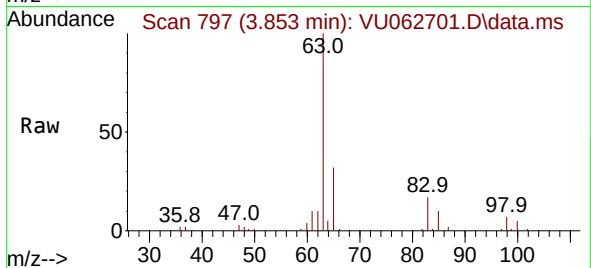
Tgt Ion: 63 Resp: 58938

Ion Ratio Lower Upper

63 100

65 31.9 20.7 38.5

83 17.1 10.5 19.5



#21

2-Butanone

Concen: 55.768 ug/L

RT: 4.682 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU062701.D

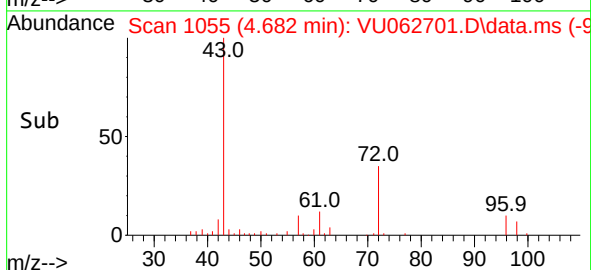
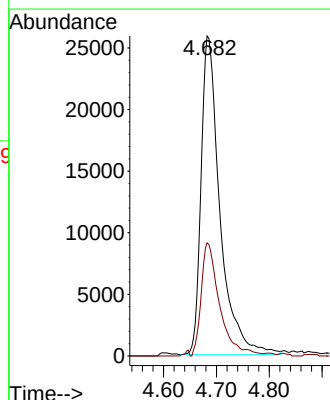
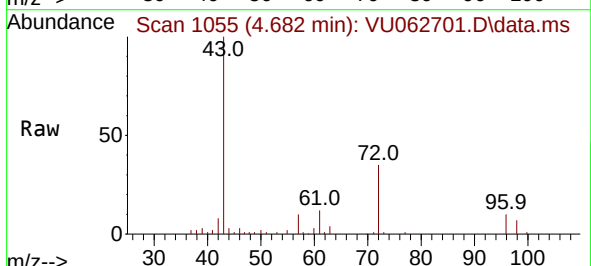
Acq: 10 Jan 2025 23:26

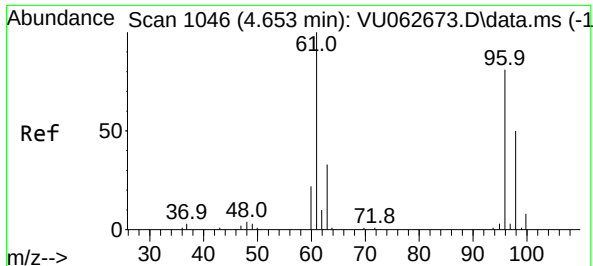
Tgt Ion: 43 Resp: 64168

Ion Ratio Lower Upper

43 100

72 33.4 17.1 51.2

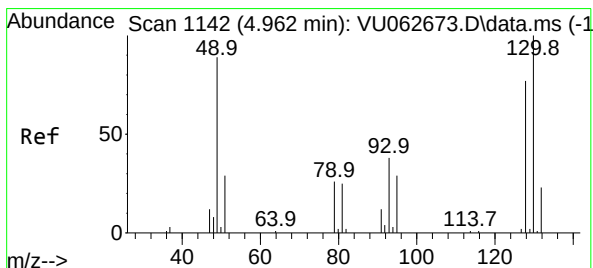
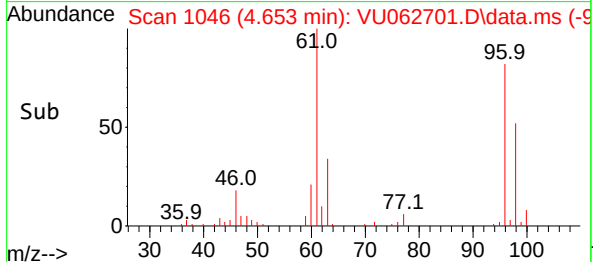
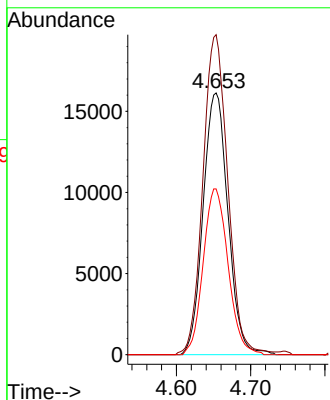
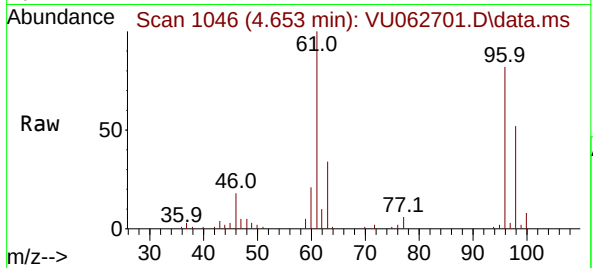




#22
 cis-1,2-Dichloroethene
 Concen: 5.386 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062701.D
 Acq: 10 Jan 2025 23:26

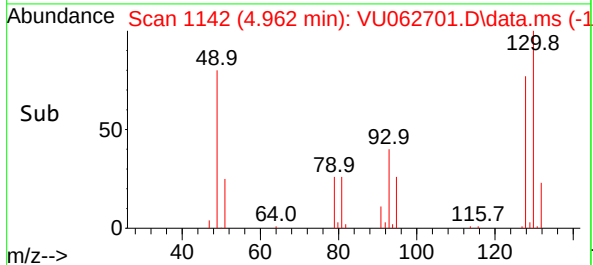
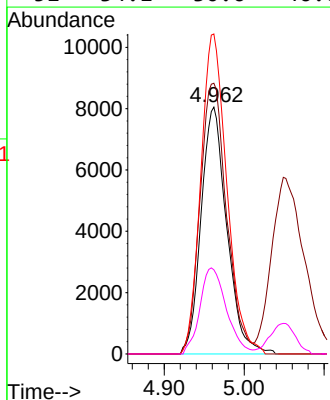
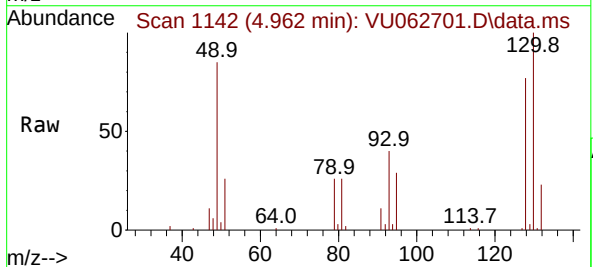
Instrument :
 MSVOA_U
 ClientSampleId :

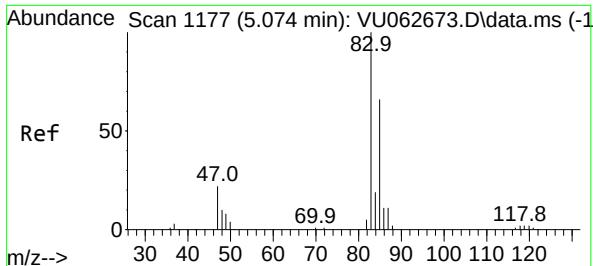
Tgt Ion: 96 Resp: 37587
 Ion Ratio Lower Upper
 96 100
 61 122.3 84.8 157.6
 98 63.4 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.461 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VU062701.D
 Acq: 10 Jan 2025 23:26

Tgt Ion: 128 Resp: 17990
 Ion Ratio Lower Upper
 128 100
 49 109.7 81.1 150.7
 130 129.6 94.9 176.3
 51 34.1 30.6 46.0





#25

Chloroform

Concen: 5.119 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

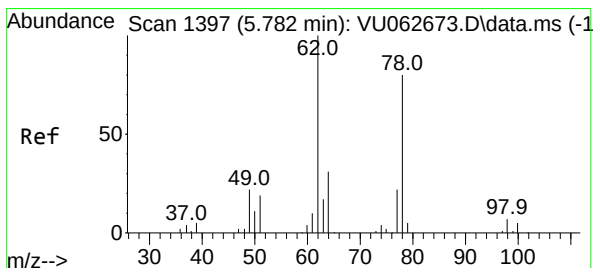
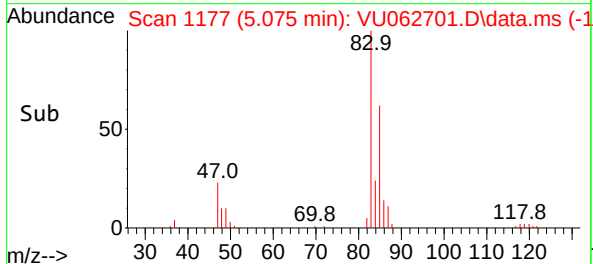
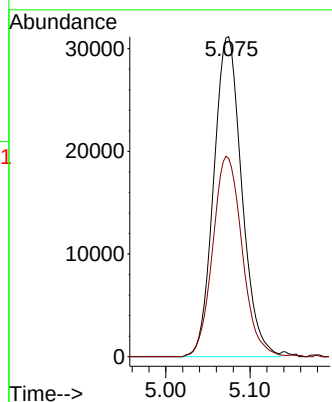
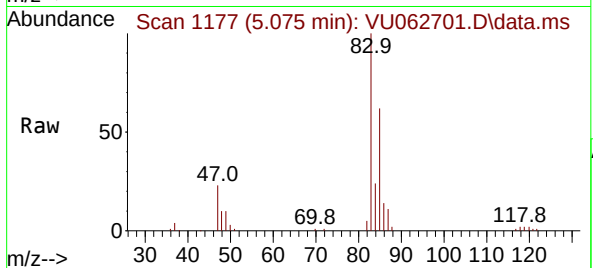
ClientSampleId :

Tgt Ion: 83 Resp: 72178

Ion Ratio Lower Upper

83 100

85 62.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.118 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU062701.D

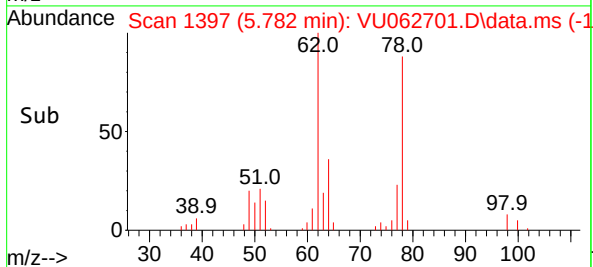
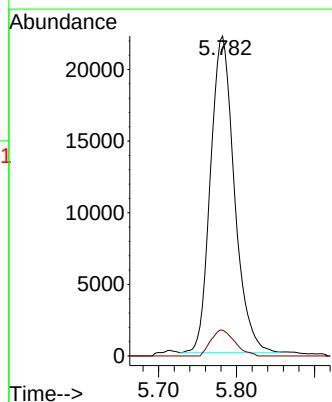
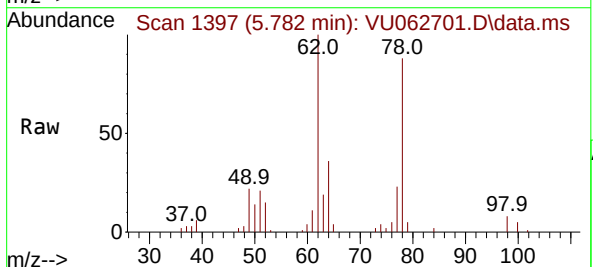
Acq: 10 Jan 2025 23:26

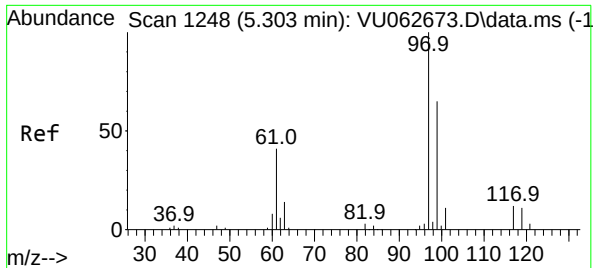
Tgt Ion: 62 Resp: 47187

Ion Ratio Lower Upper

62 100

98 8.1 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 4.975 ug/L

RT: 5.300 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

ClientSampleId :

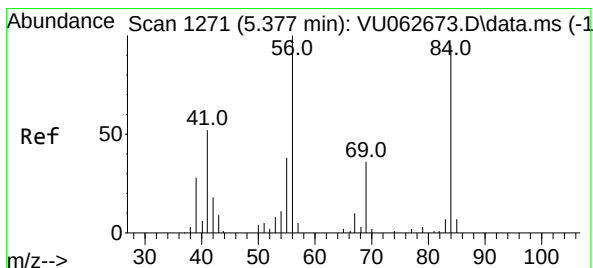
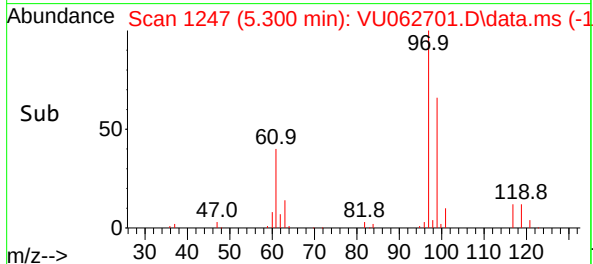
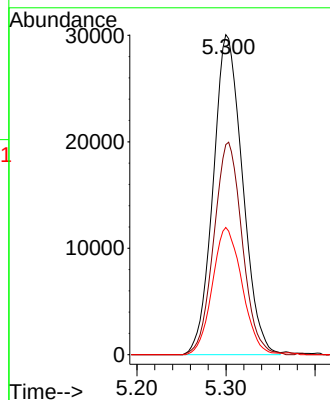
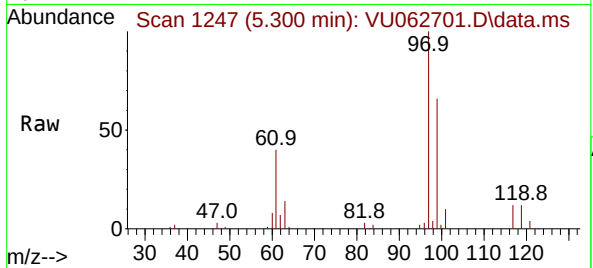
Tgt Ion: 97 Resp: 68833

Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 40.1 32.2 48.4



#30

Cyclohexane

Concen: 4.486 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

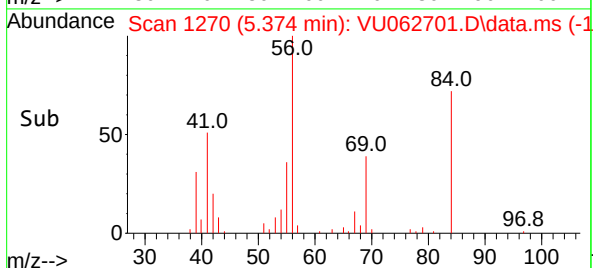
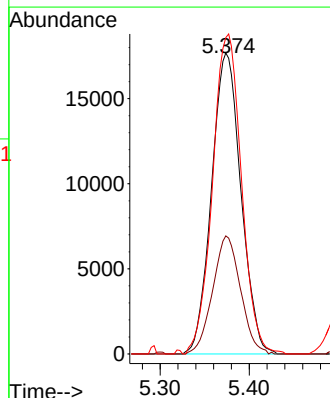
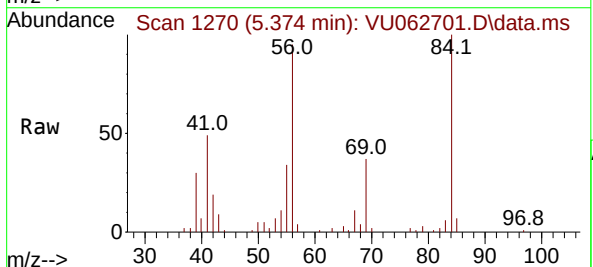
Tgt Ion: 56 Resp: 40528

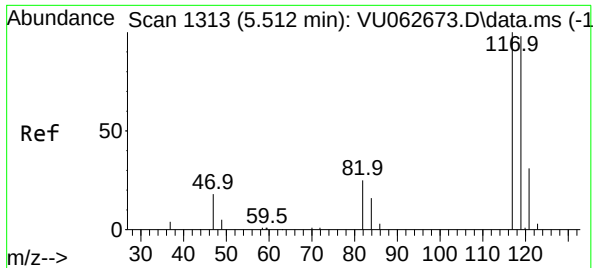
Ion Ratio Lower Upper

56 100

69 37.2 28.3 42.5

84 104.6 76.5 114.7

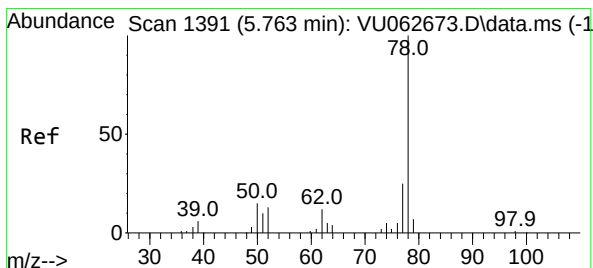
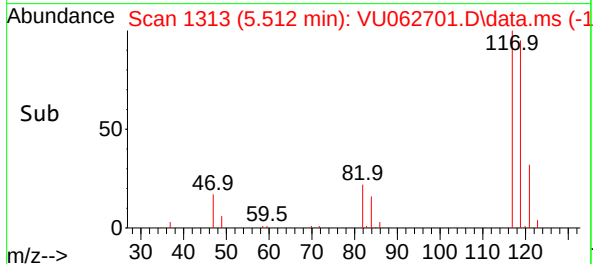
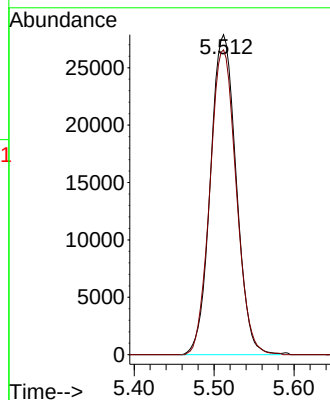
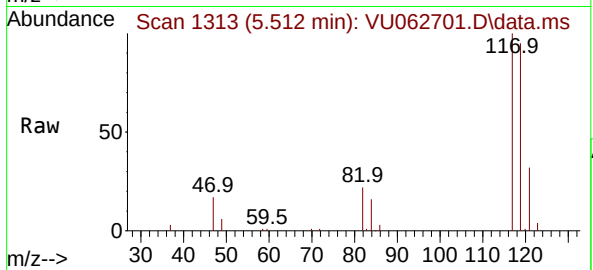




#31
Carbon tetrachloride
Concen: 4.905 ug/L
RT: 5.512 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

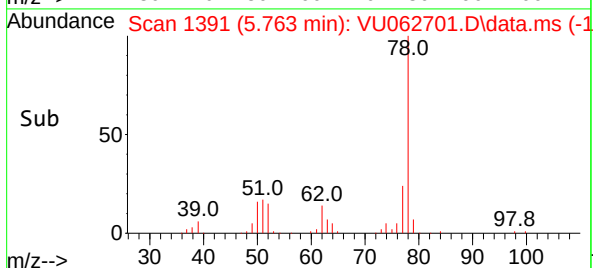
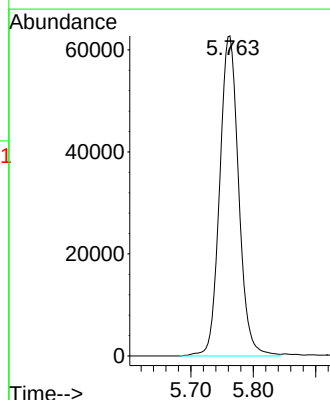
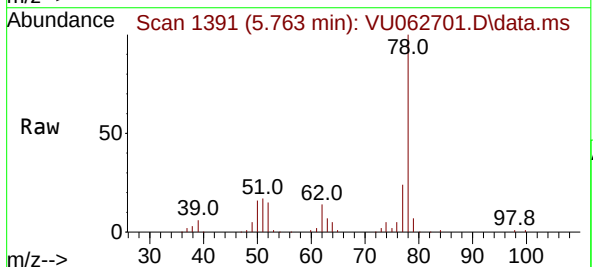
Instrument :
MSVOA_U
ClientSampleId :

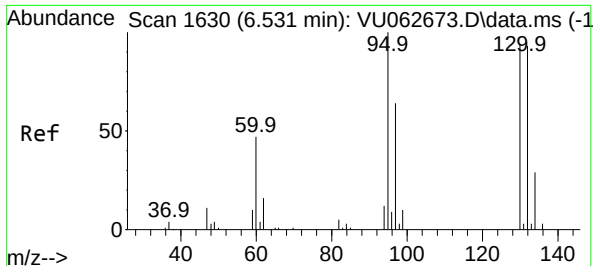
Tgt Ion:117 Resp: 62363
Ion Ratio Lower Upper
117 100
119 97.2 78.6 118.0



#33
Benzene
Concen: 5.059 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion: 78 Resp: 132580

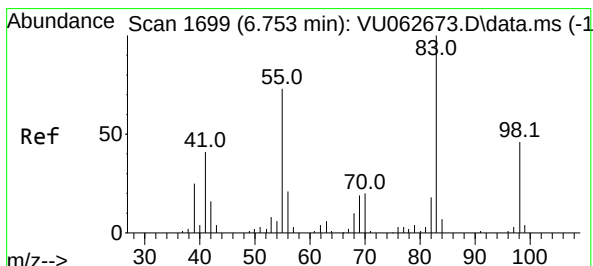
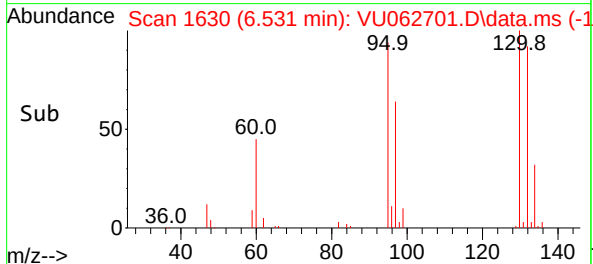
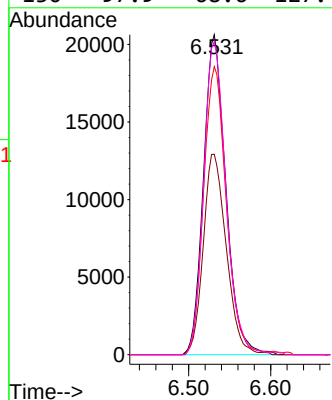
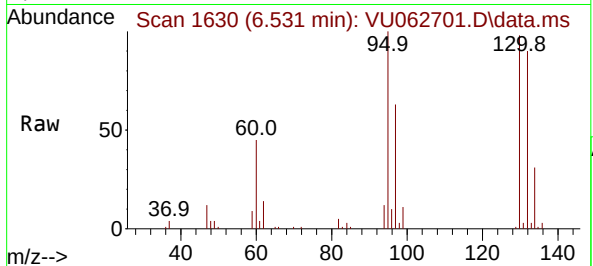




#34
Trichloroethene
Concen: 4.380 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

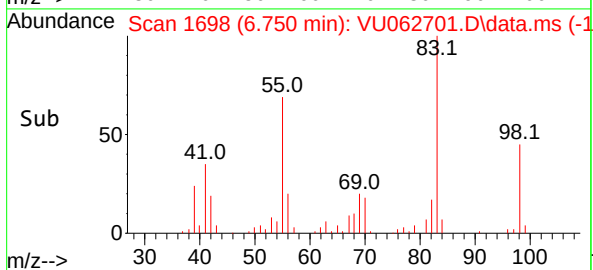
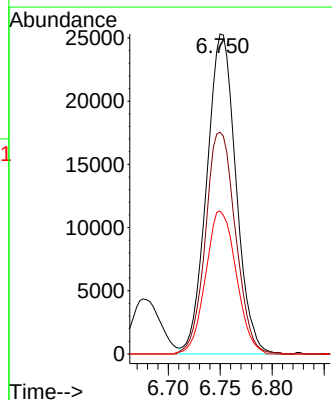
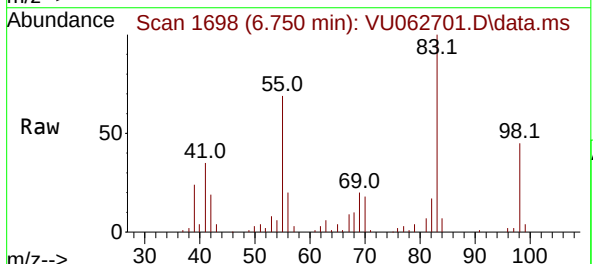
Instrument :
MSVOA_U
ClientSampleId :

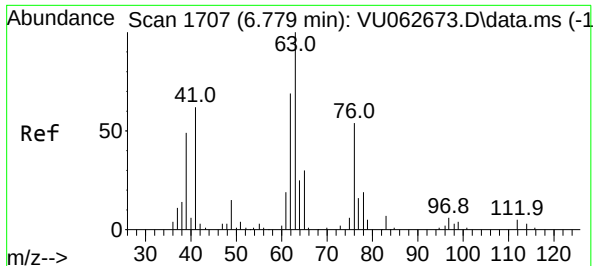
Tgt Ion: 95 Resp: 39208
Ion Ratio Lower Upper
95 100
97 62.6 47.5 88.3
132 90.0 66.9 124.3
130 97.9 68.6 127.4



#35
Methylcyclohexane
Concen: 4.499 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion: 83 Resp: 49561
Ion Ratio Lower Upper
83 100
55 71.1 57.2 85.8
98 46.8 36.6 55.0





#37

1,2-Dichloropropane

Concen: 4.991 ug/L

RT: 6.775 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

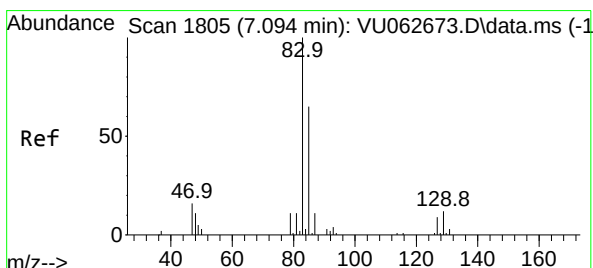
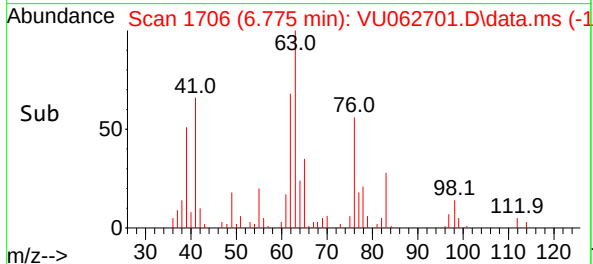
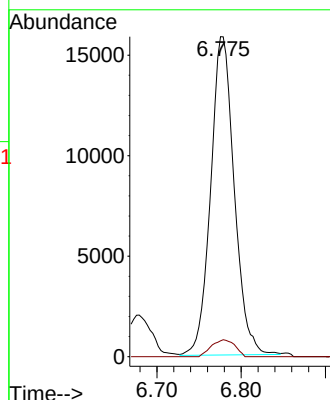
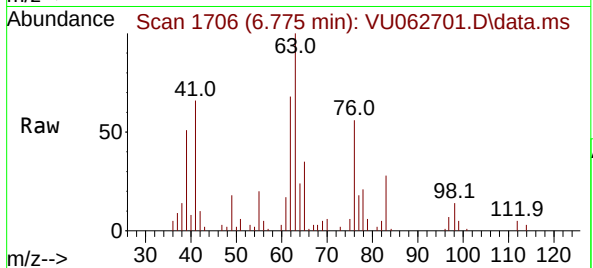
ClientSampleId :

Tgt Ion: 63 Resp: 30854

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 5.421 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

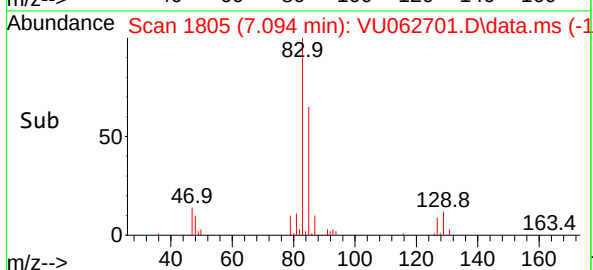
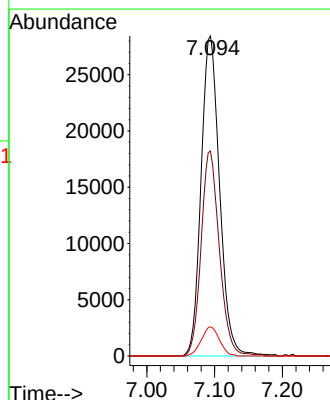
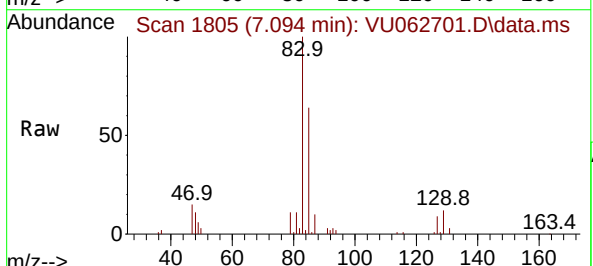
Tgt Ion: 83 Resp: 53895

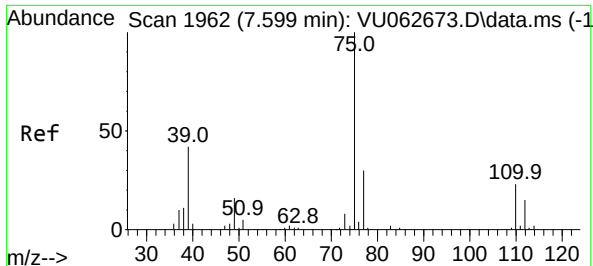
Ion Ratio Lower Upper

83 100

85 64.0 44.2 82.0

127 9.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.132 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

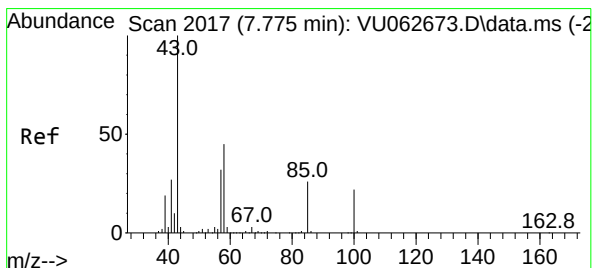
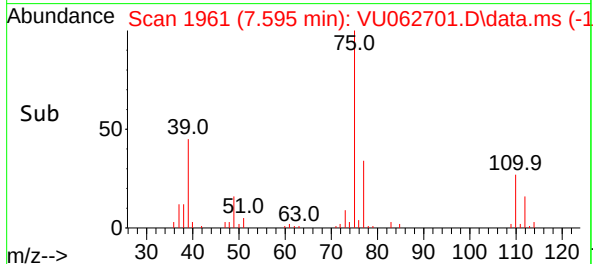
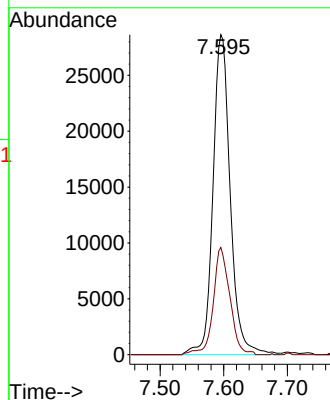
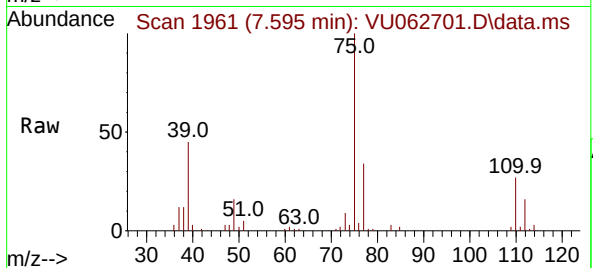
ClientSampleId :

Tgt Ion: 75 Resp: 54016

Ion Ratio Lower Upper

75 100

77 33.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 54.929 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

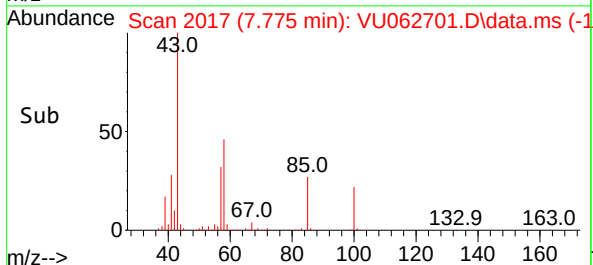
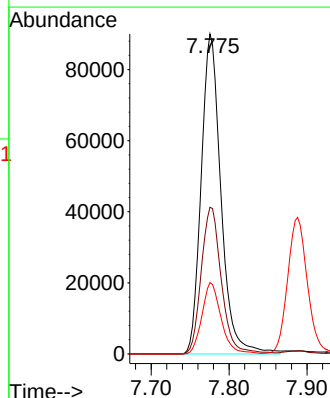
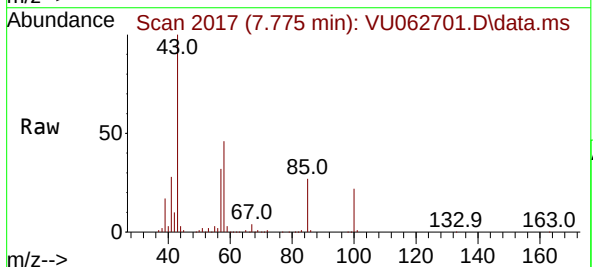
Tgt Ion: 43 Resp: 158617

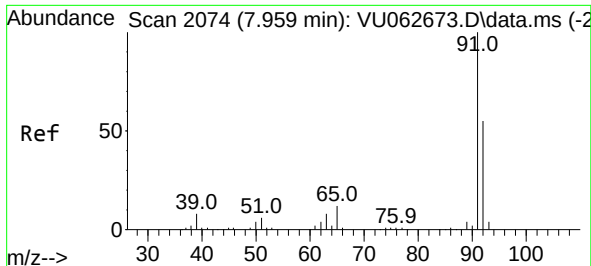
Ion Ratio Lower Upper

43 100

58 46.7 35.8 53.8

100 21.6 16.8 25.2





#42

Toluene

Concen: 5.121 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

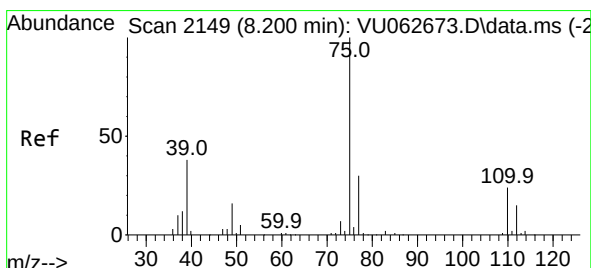
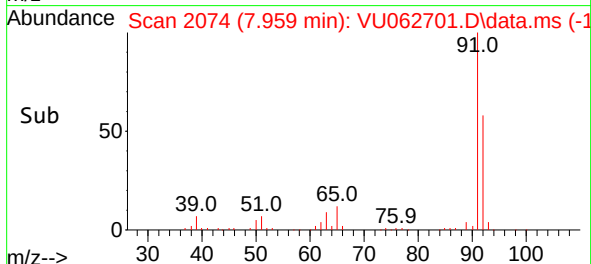
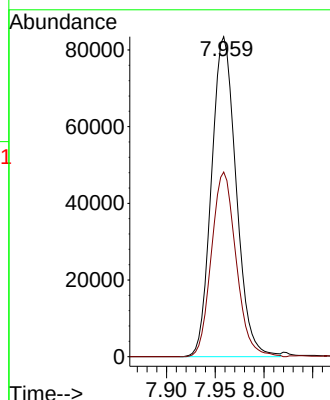
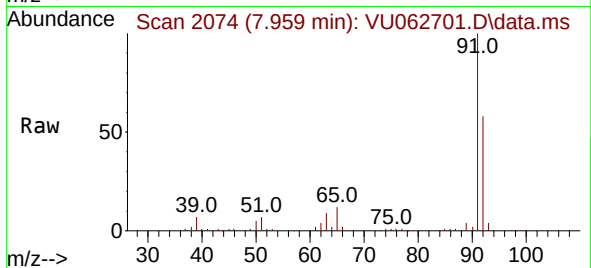
ClientSampleId :

Tgt Ion: 91 Resp: 147038

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.394 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU062701.D

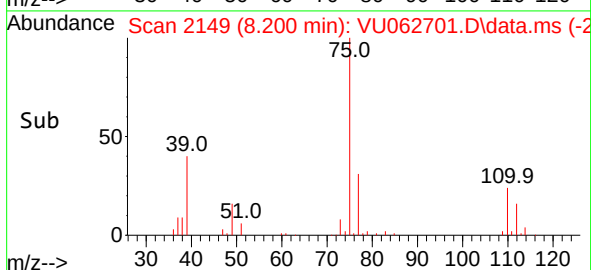
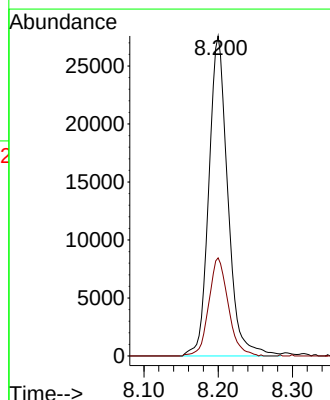
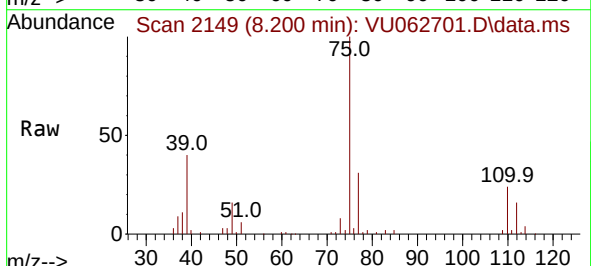
Acq: 10 Jan 2025 23:26

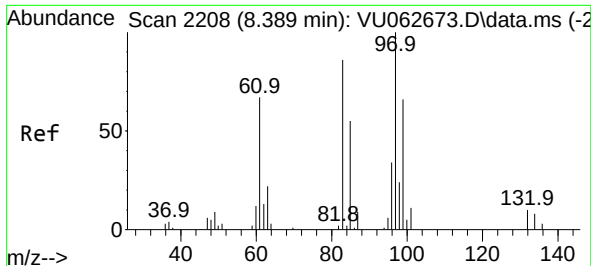
Tgt Ion: 75 Resp: 48944

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.6

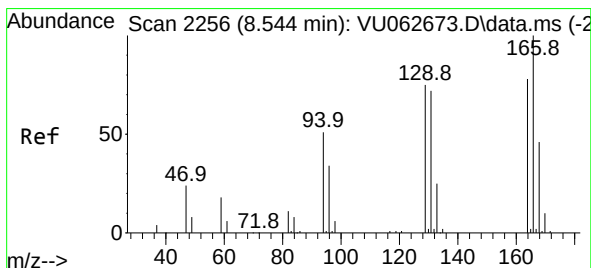
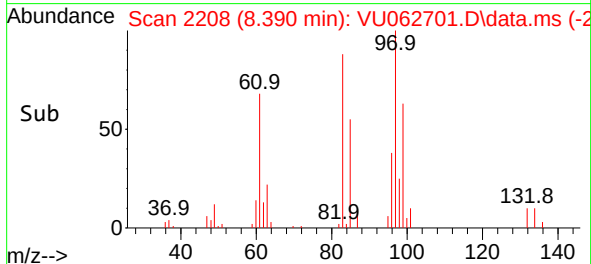
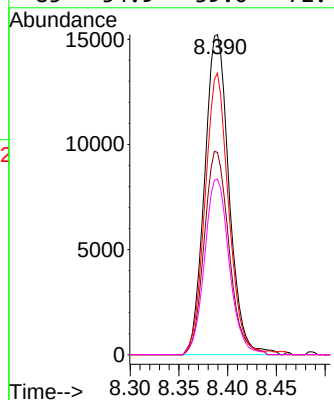
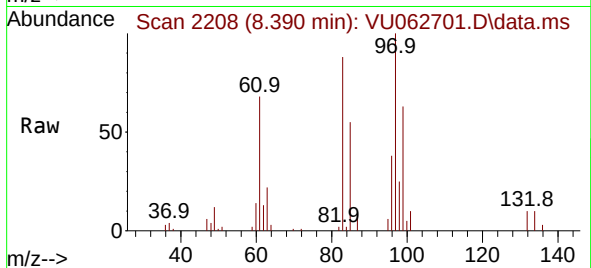




#45
1,1,2-Trichloroethane
Concen: 5.296 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

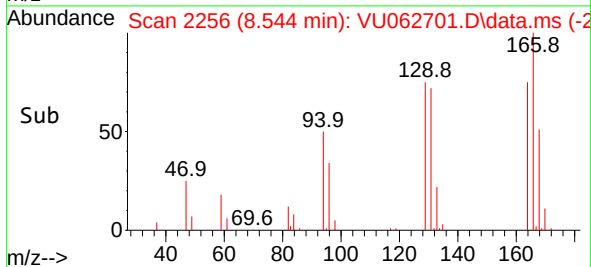
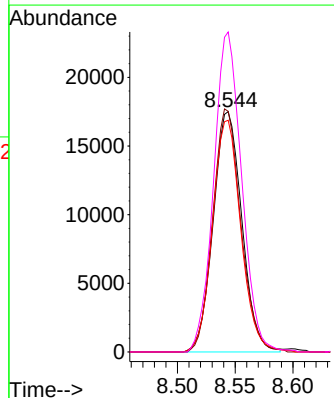
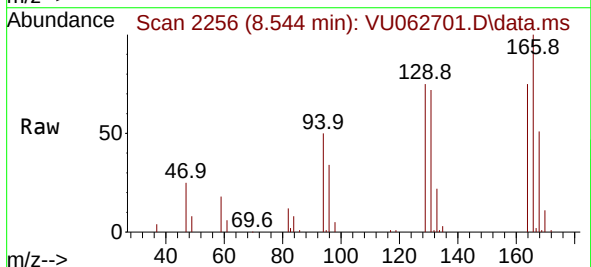
Instrument :
MSVOA_U
ClientSampleId :

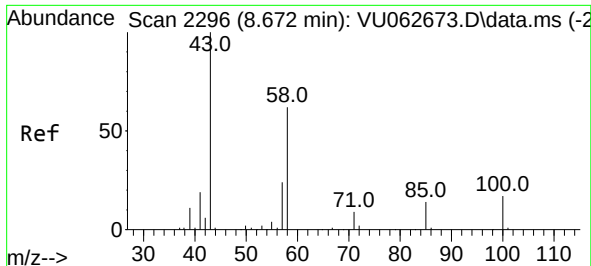
Tgt Ion:	97	Resp:	26592
Ion	Ratio	Lower	Upper
97	100		
99	63.2	45.6	84.6
83	88.0	63.0	117.0
85	54.9	39.0	72.4



#47
Tetrachloroethene
Concen: 4.880 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

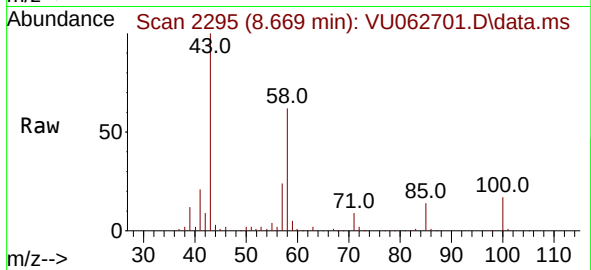
Tgt Ion:	164	Resp:	30086
Ion	Ratio	Lower	Upper
164	100		
129	100.1	71.0	131.9
131	96.4	69.4	129.0
166	133.1	92.7	172.3



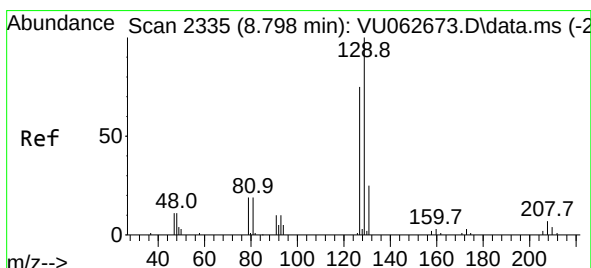
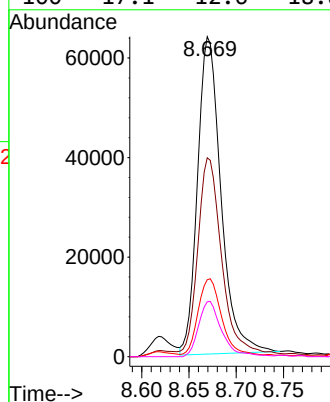
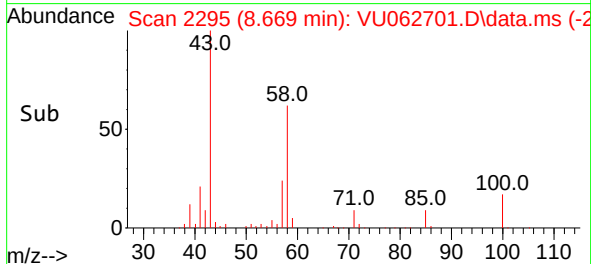


#48
2-Hexanone
Concen: 53.012 ug/L
RT: 8.669 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Instrument :
MSVOA_U
ClientSampleId :

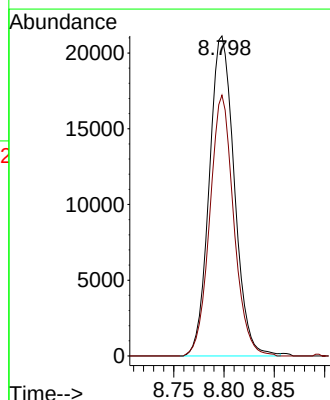
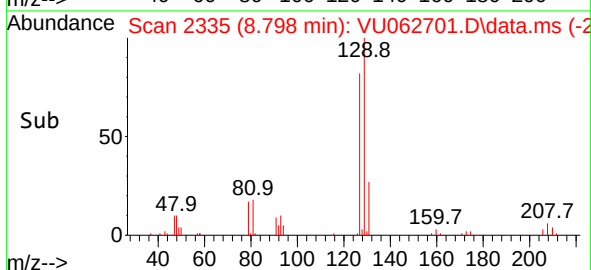
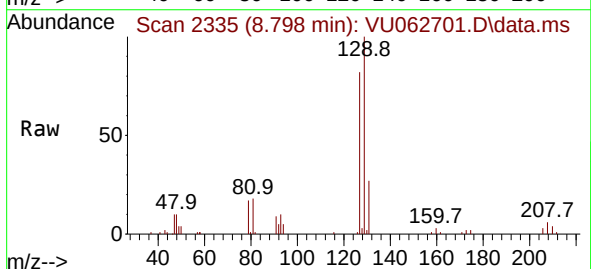


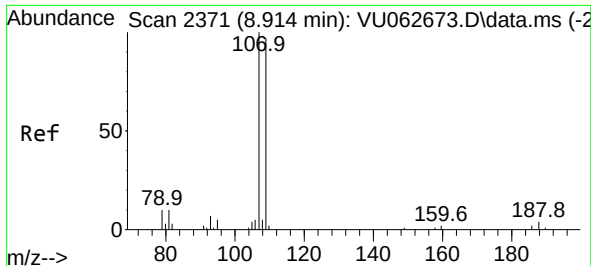
Tgt Ion:	43	Resp:	110054
Ion	Ratio	Lower	Upper
43	100		
58	63.2	50.2	75.4
57	24.0	19.9	29.9
100	17.1	12.6	18.8



#49
Dibromochloromethane
Concen: 5.440 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion:	129	Resp:	36673
Ion	Ratio	Lower	Upper
129	100		
127	81.5	52.1	96.9





#50

1,2-Dibromoethane

Concen: 5.740 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

ClientSampleId :

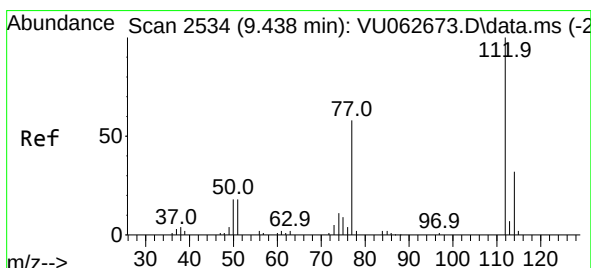
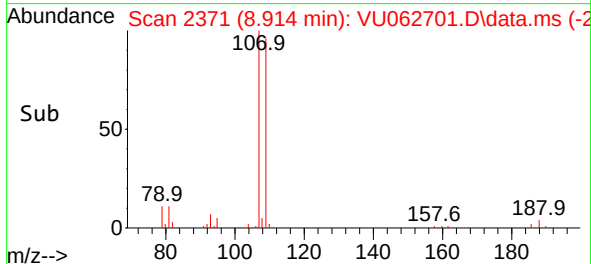
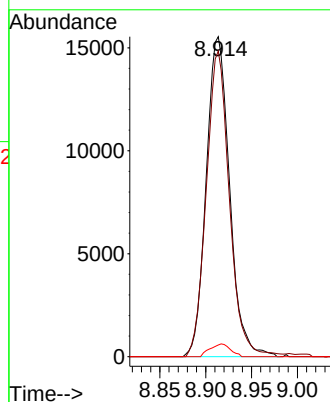
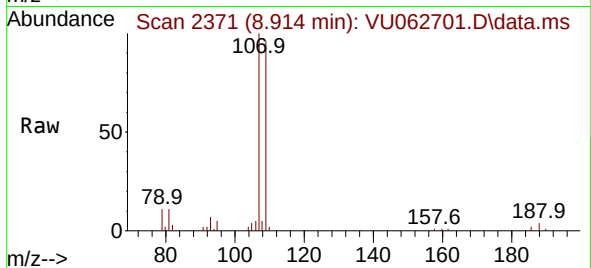
Tgt Ion:107 Resp: 27573

Ion Ratio Lower Upper

107 100

109 95.5 65.7 121.9

188 3.6 3.4 5.2



#51

Chlorobenzene

Concen: 5.164 ug/L

RT: 9.435 min Scan# 2533

Delta R.T. -0.003 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

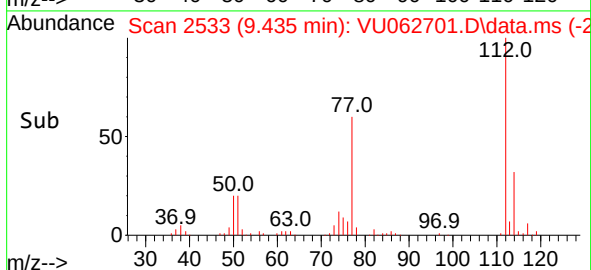
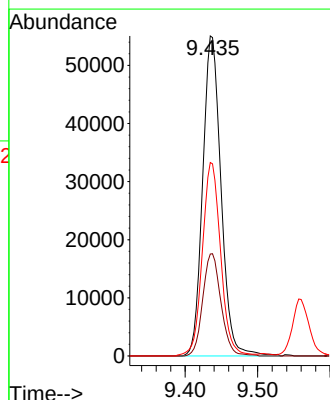
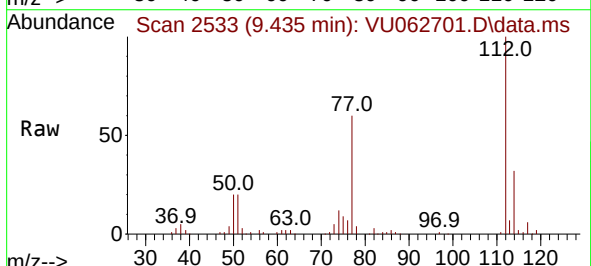
Tgt Ion:112 Resp: 96966

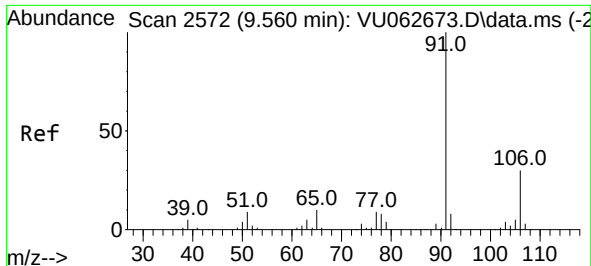
Ion Ratio Lower Upper

112 100

114 31.9 21.7 40.3

77 60.5 48.6 73.0

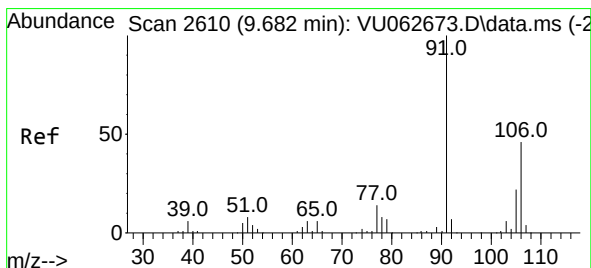
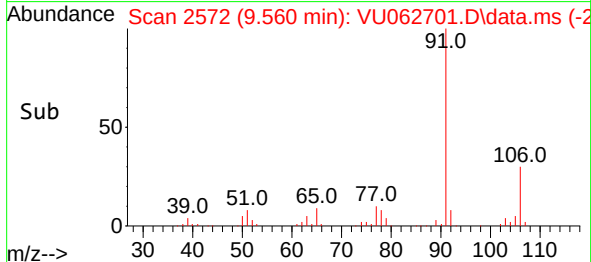
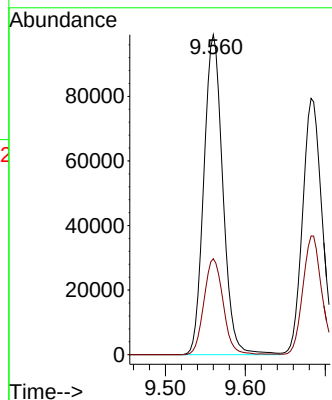
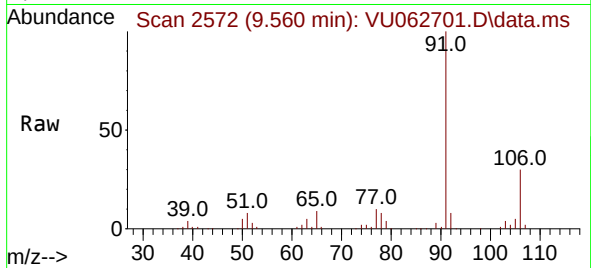




#52
Ethylbenzene
Concen: 5.024 ug/L
RT: 9.560 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

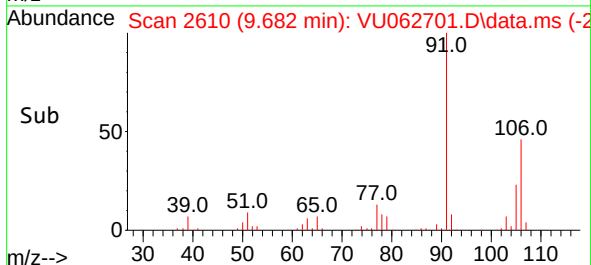
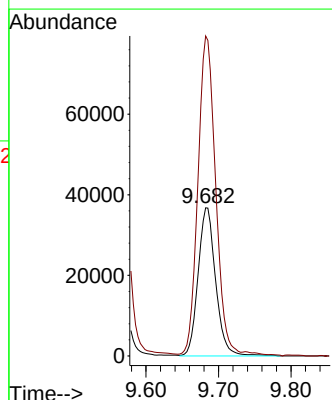
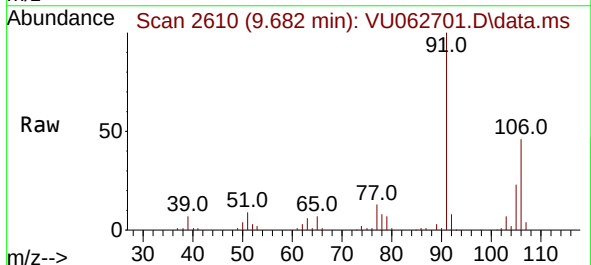
Instrument :
MSVOA_U
ClientSampleId :

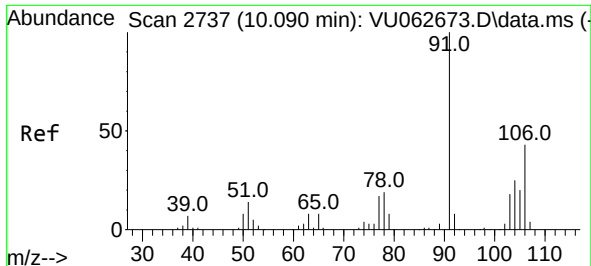
Tgt Ion: 91 Resp: 163696
Ion Ratio Lower Upper
91 100
106 30.0 21.9 40.7



#53
m,p-Xylene
Concen: 5.075 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion:106 Resp: 61844
Ion Ratio Lower Upper
106 100
91 216.1 153.1 284.3

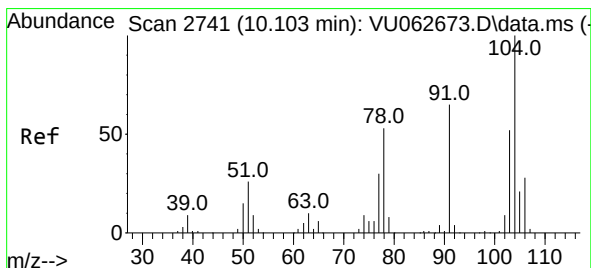
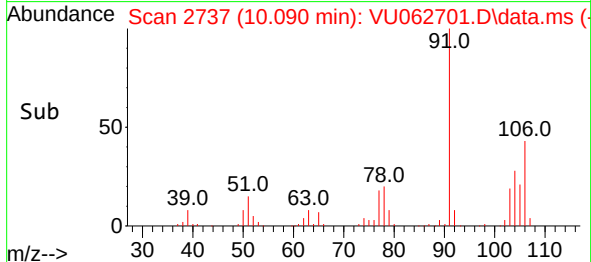
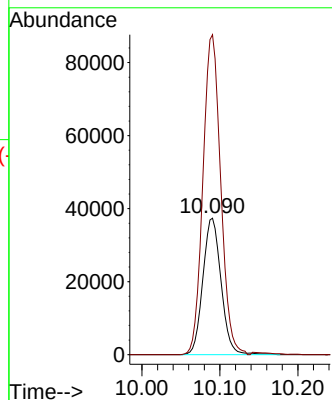
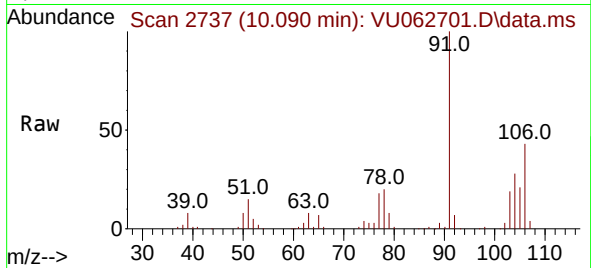




#54
o-Xylene
Concen: 5.198 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

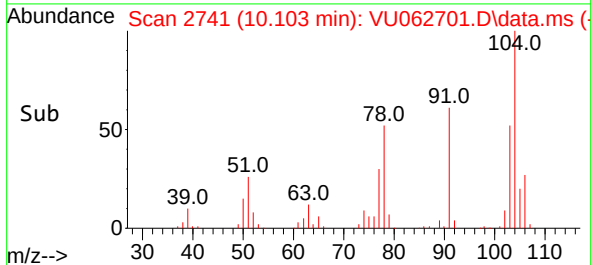
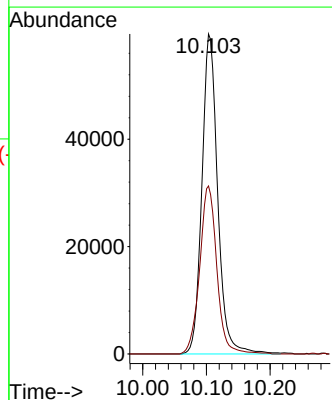
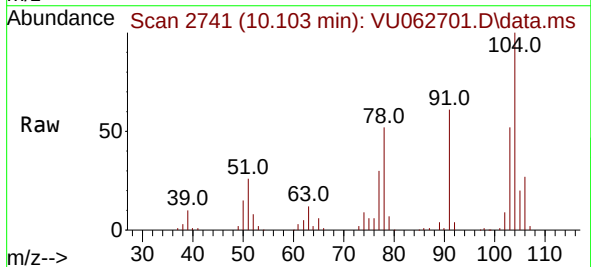
Instrument :
MSVOA_U
ClientSampleId :

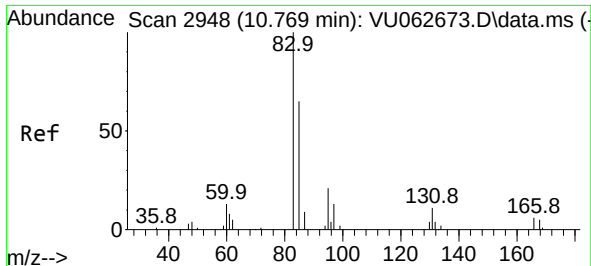
Tgt Ion:106 Resp: 60682
Ion Ratio Lower Upper
106 100
91 234.4 160.4 297.8



#55
Styrene
Concen: 5.263 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion:104 Resp: 102759
Ion Ratio Lower Upper
104 100
78 52.5 35.5 65.9

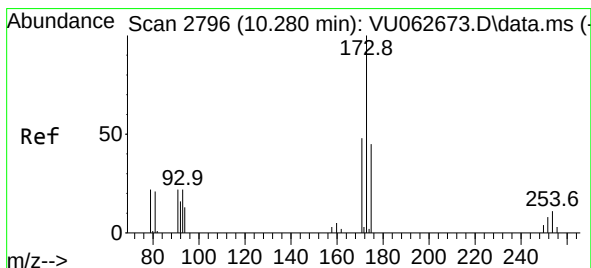
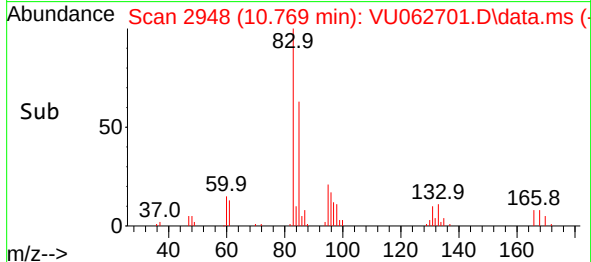
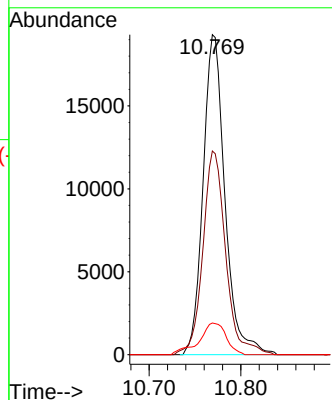
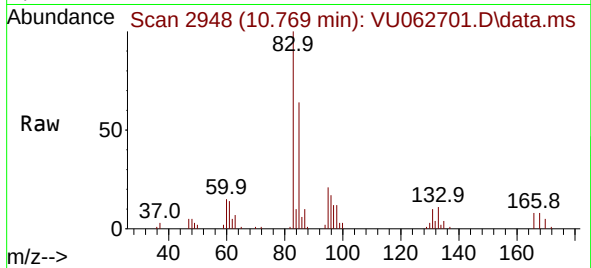




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.671 ug/L
 RT: 10.769 min Scan# 2948
 Delta R.T. 0.000 min
 Lab File: VU062701.D
 Acq: 10 Jan 2025 23:26

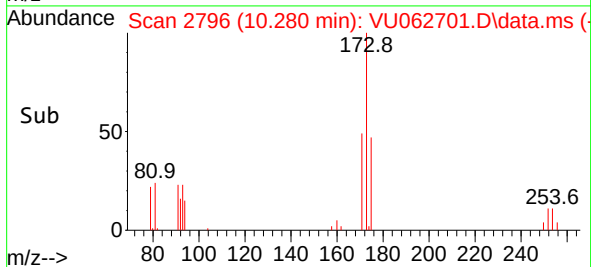
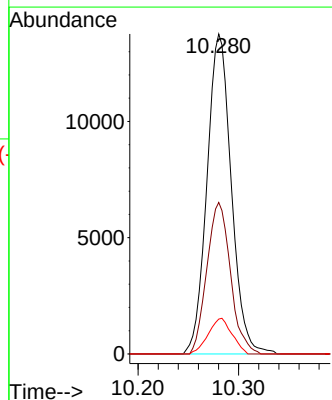
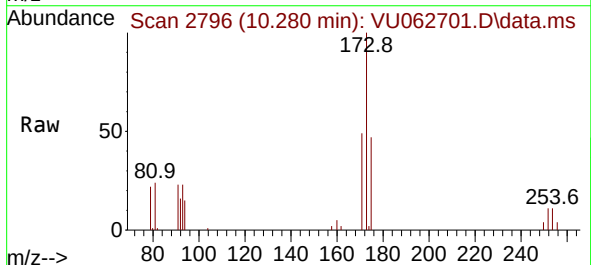
Instrument :
 MSVOA_U
 ClientSampleId :

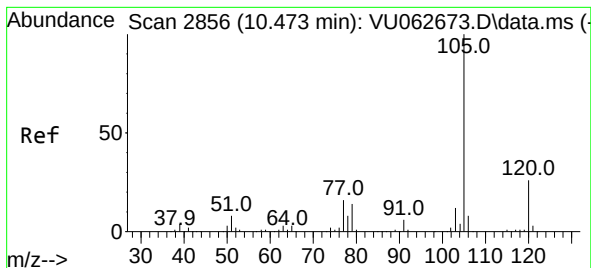
Tgt Ion: 83 Resp: 31937
 Ion Ratio Lower Upper
 83 100
 85 63.7 43.0 79.8
 131 9.9 7.4 11.0



#59
 Bromoform
 Concen: 5.687 ug/L
 RT: 10.280 min Scan# 2796
 Delta R.T. 0.000 min
 Lab File: VU062701.D
 Acq: 10 Jan 2025 23:26

Tgt Ion: 173 Resp: 23112
 Ion Ratio Lower Upper
 173 100
 175 45.9 39.8 59.8
 254 10.9 8.6 12.8





#60

Isopropylbenzene

Concen: 5.204 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

ClientSampleId :

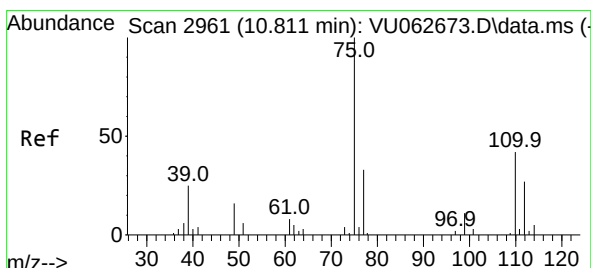
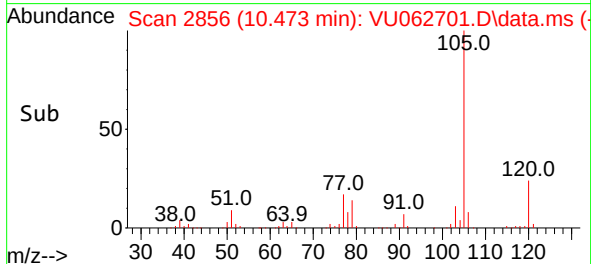
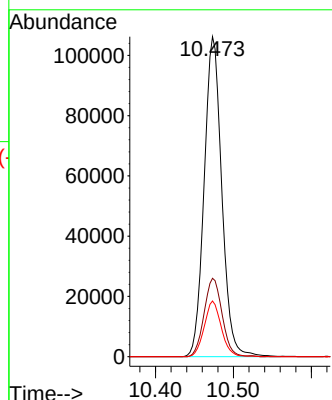
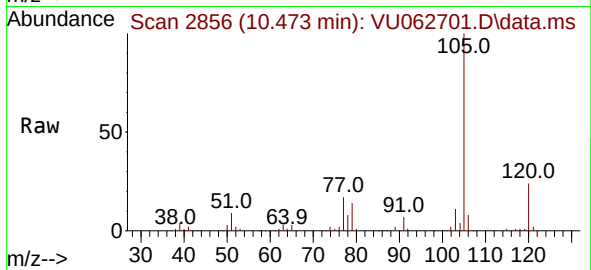
Tgt Ion:105 Resp: 167072

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.2

77 16.8 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.665 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

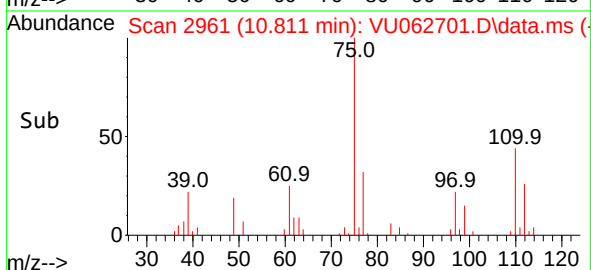
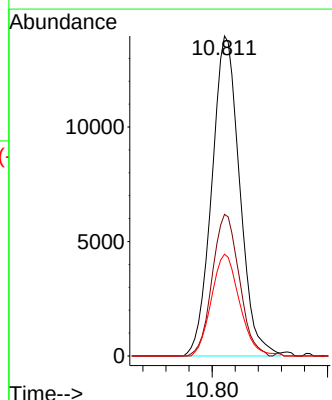
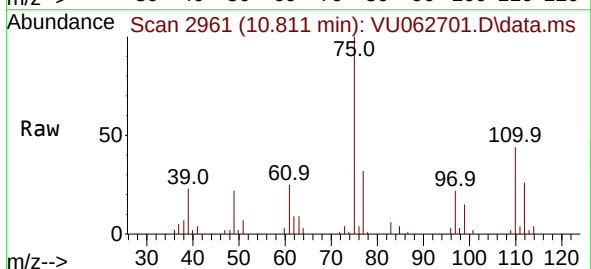
Tgt Ion: 75 Resp: 23412

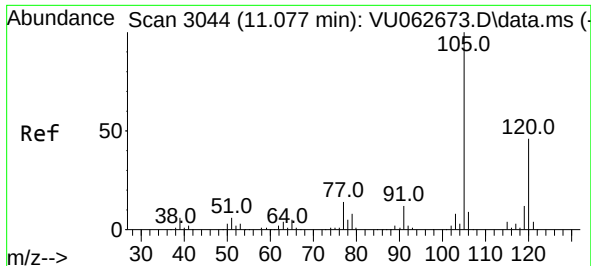
Ion Ratio Lower Upper

75 100

110 42.9 33.2 49.8

77 32.2 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.293 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

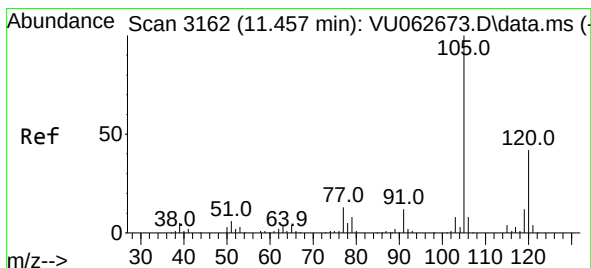
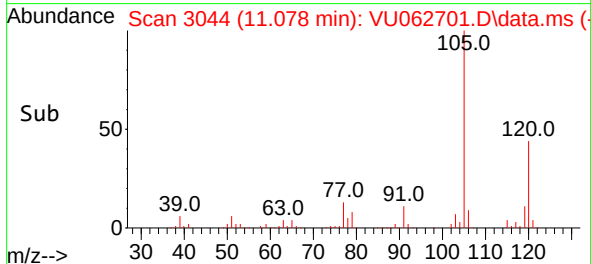
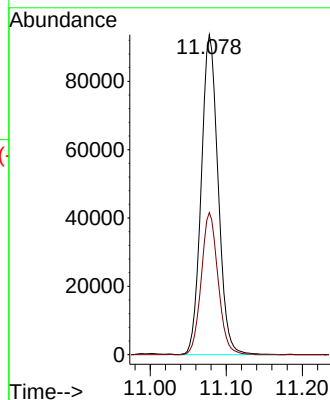
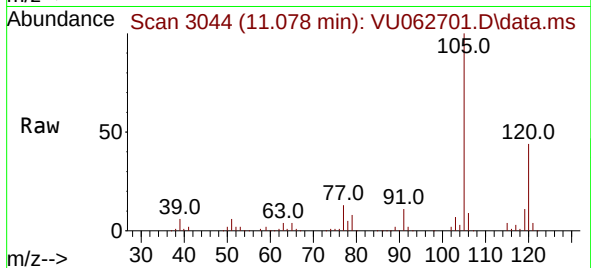
ClientSampleId :

Tgt Ion:105 Resp: 144450

Ion Ratio Lower Upper

105 100

120 44.2 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.311 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU062701.D

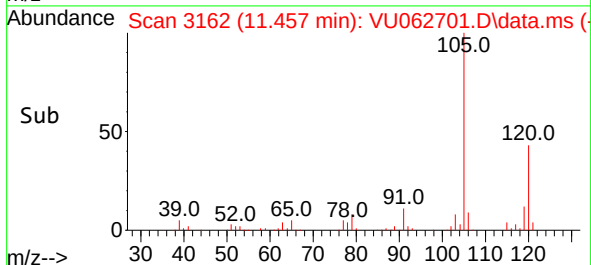
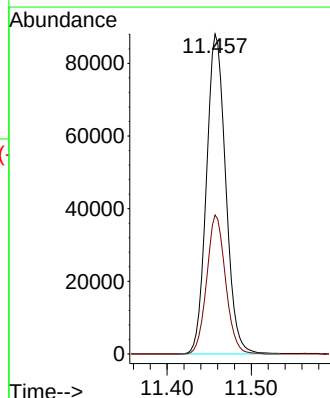
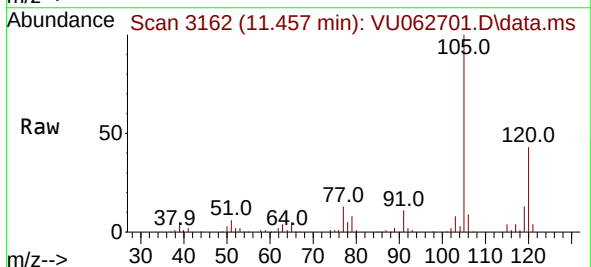
Acq: 10 Jan 2025 23:26

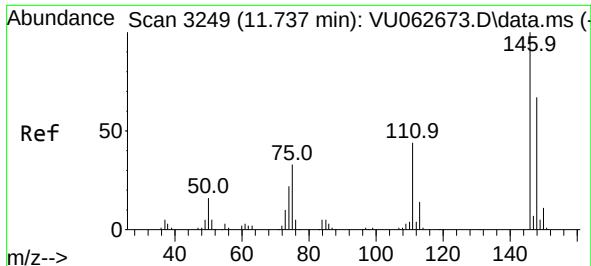
Tgt Ion:105 Resp: 140210

Ion Ratio Lower Upper

105 100

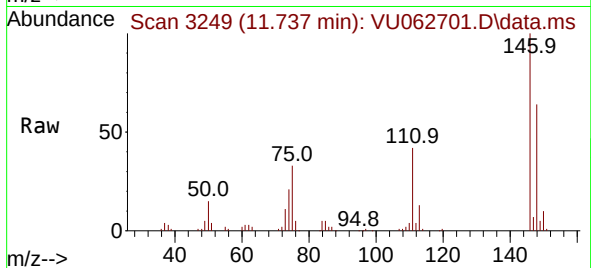
120 42.5 34.2 51.2



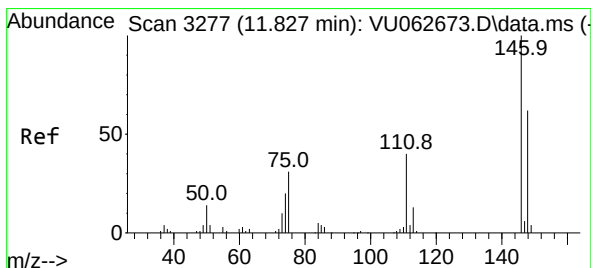
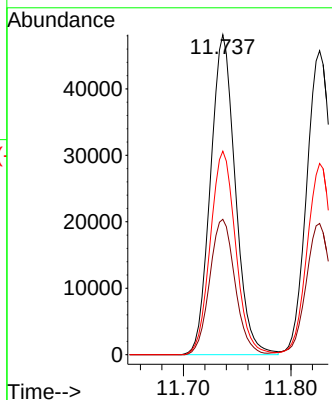
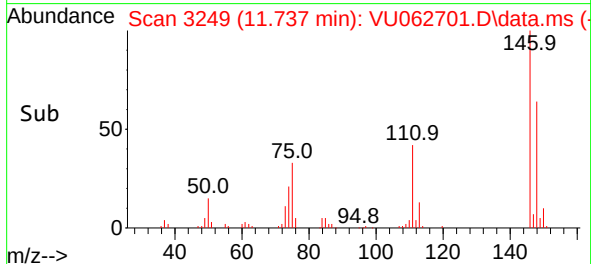


#64
1,3-Dichlorobenzene
Concen: 5.185 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

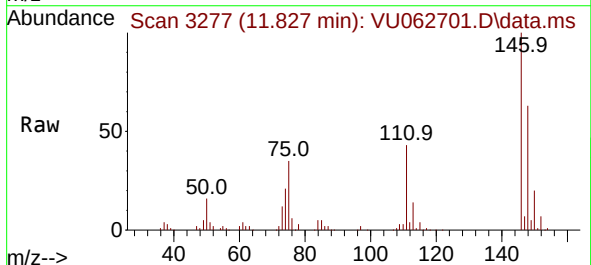
Instrument :
MSVOA_U
ClientSampleId :



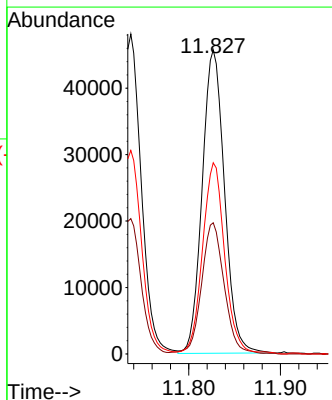
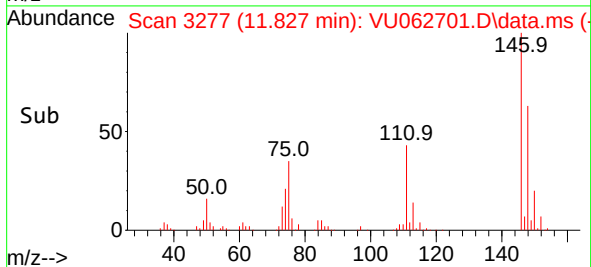
Tgt Ion:146 Resp: 77176
Ion Ratio Lower Upper
146 100
111 42.3 28.6 53.0
148 63.6 44.0 81.6

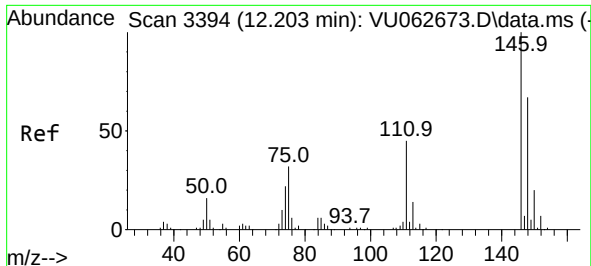


#65
1,4-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26



Tgt Ion:146 Resp: 77242
Ion Ratio Lower Upper
146 100
111 43.1 29.5 54.9
148 62.9 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.156 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

ClientSampleId :

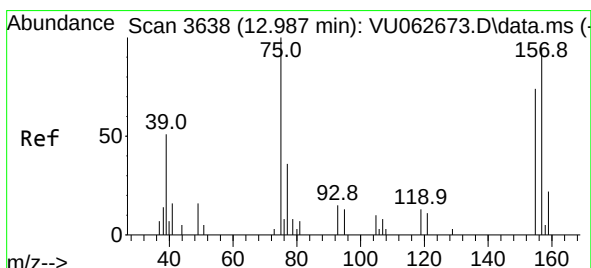
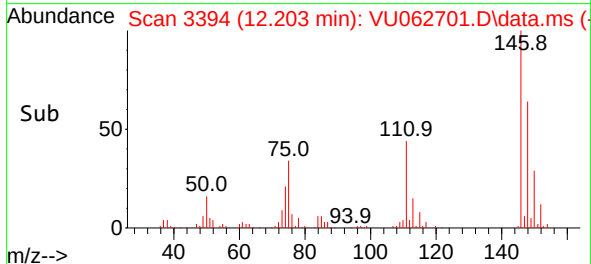
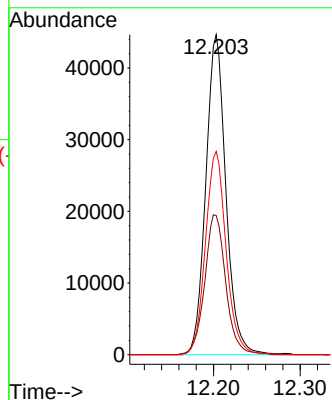
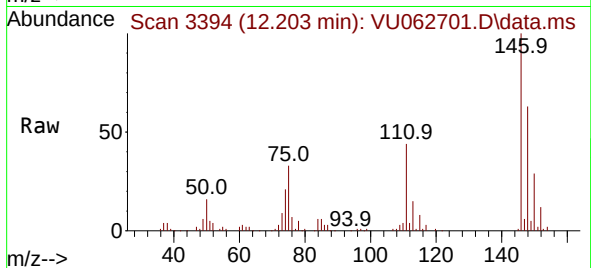
Tgt Ion:146 Resp: 71935

Ion Ratio Lower Upper

146 100

111 43.5 36.3 54.5

148 63.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.319 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

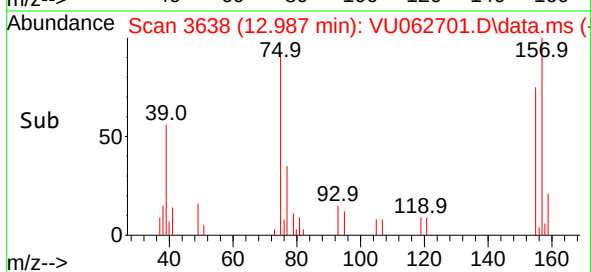
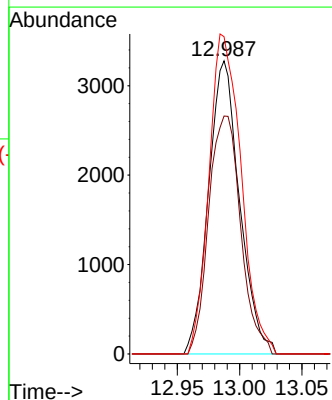
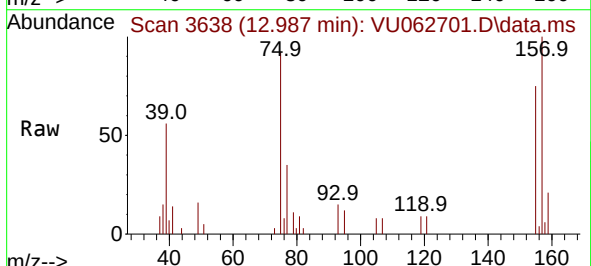
Tgt Ion: 75 Resp: 5694

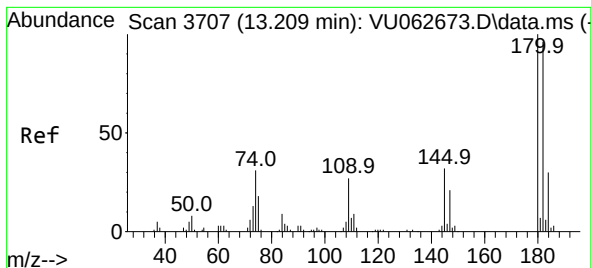
Ion Ratio Lower Upper

75 100

155 81.2 59.6 89.4

157 108.2 70.8 106.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.883 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 54745

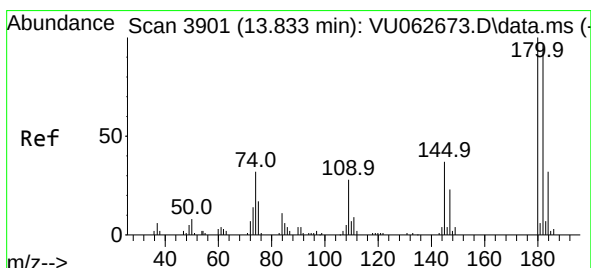
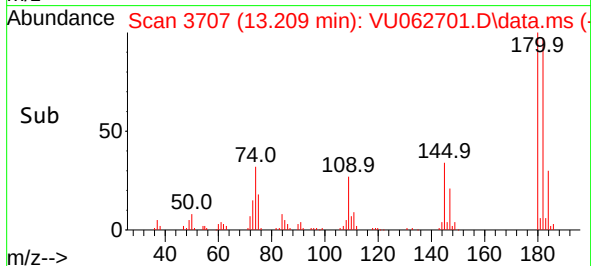
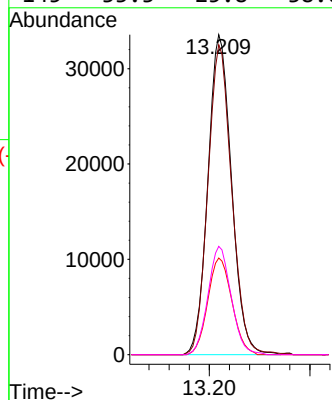
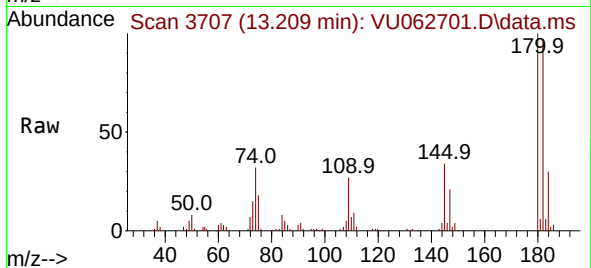
Ion Ratio Lower Upper

180 100

182 97.3 75.8 113.8

184 30.8 24.7 37.1

145 33.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.651 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062701.D

Acq: 10 Jan 2025 23:26

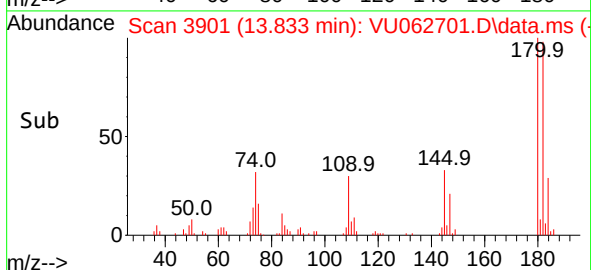
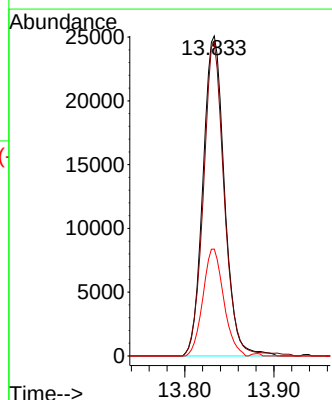
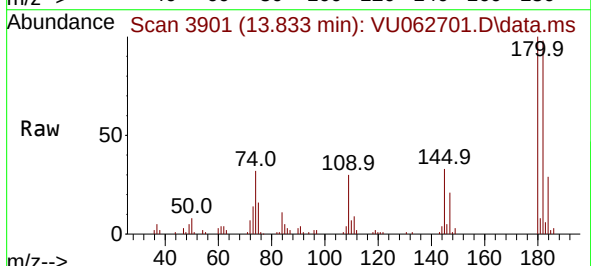
Tgt Ion:180 Resp: 41996

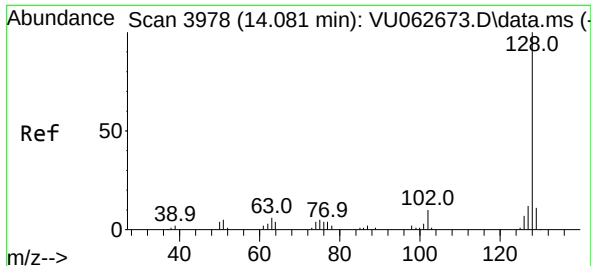
Ion Ratio Lower Upper

180 100

182 95.2 77.1 115.7

145 32.3 26.9 40.3

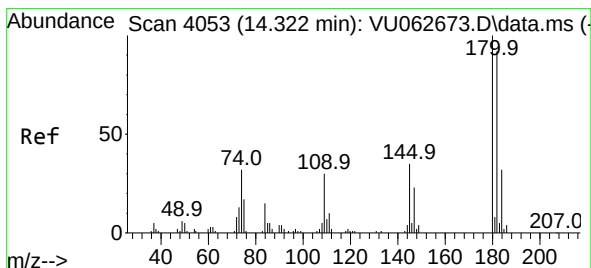
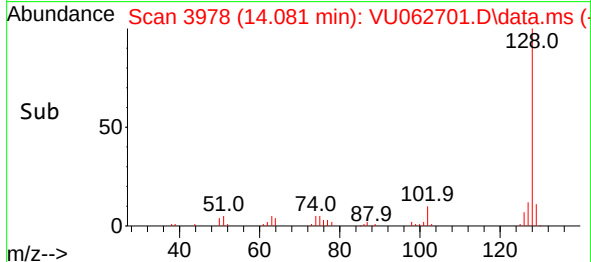
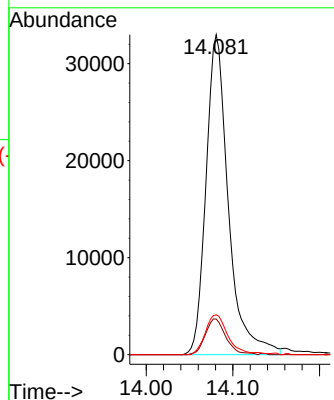
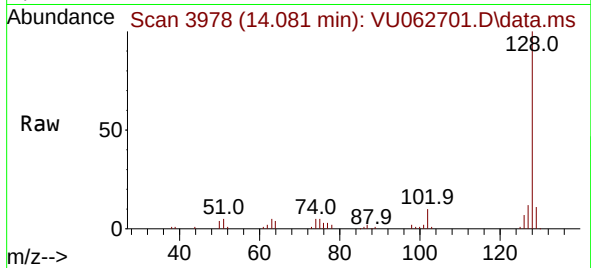




#71
Naphthalene
Concen: 4.478 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 59157
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.433 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062701.D
Acq: 10 Jan 2025 23:26

Tgt Ion:180 Resp: 34891
Ion Ratio Lower Upper
180 100
182 98.8 79.8 119.6
145 35.9 29.2 43.8

