

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062951.D
 Acq On : 21 Jan 2025 19:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 02:25:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:20:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	96344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	83368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	46323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16627	3.116	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.898	69	13324	3.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.000%#
11) 1,1-Dichloroethene-d2	2.557	65	9081	3.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.605	46	68441	62.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.520%
24) Chloroform-d	5.049	84	60375	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.689	65	34352	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.714	84	91710	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.679	67	28475	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.888	98	76747	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.168	79	12273	4.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.618	63	47555	53.685	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.380%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	23500	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.180	152	35817	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	42234	4.602	ug/L	100
3) Chloromethane	1.515	50	28936	4.698	ug/L	97
5) Vinyl chloride	1.599	62	31370	4.523	ug/L	97
6) Bromomethane	1.840	94	20681	4.098	ug/L	91
8) Chloroethane	1.920	64	16328	3.918	ug/L	98
9) Trichlorofluoromethane	2.129	101	53035	3.791	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	32901	4.867	ug/L	96
12) 1,1-Dichloroethene	2.570	96	28778	4.812	ug/L	85
13) Acetone	2.612	43	42213	48.862	ug/L	98
14) Carbon disulfide	2.782	76	79538	4.164	ug/L	99
15) Methyl Acetate	2.936	43	10233	5.471	ug/L	98
16) Methylene chloride	3.033	84	31281	4.775	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	81006	4.928	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	29540	4.610	ug/L	98
19) 1,1-Dichloroethane	3.853	63	55669	4.859	ug/L	97
21) 2-Butanone	4.686	43	59783	51.960	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	32980	4.726	ug/L	97
23) Bromochloromethane	4.959	128	15222	4.621	ug/L	92
25) Chloroform	5.071	83	67412	4.781	ug/L	99

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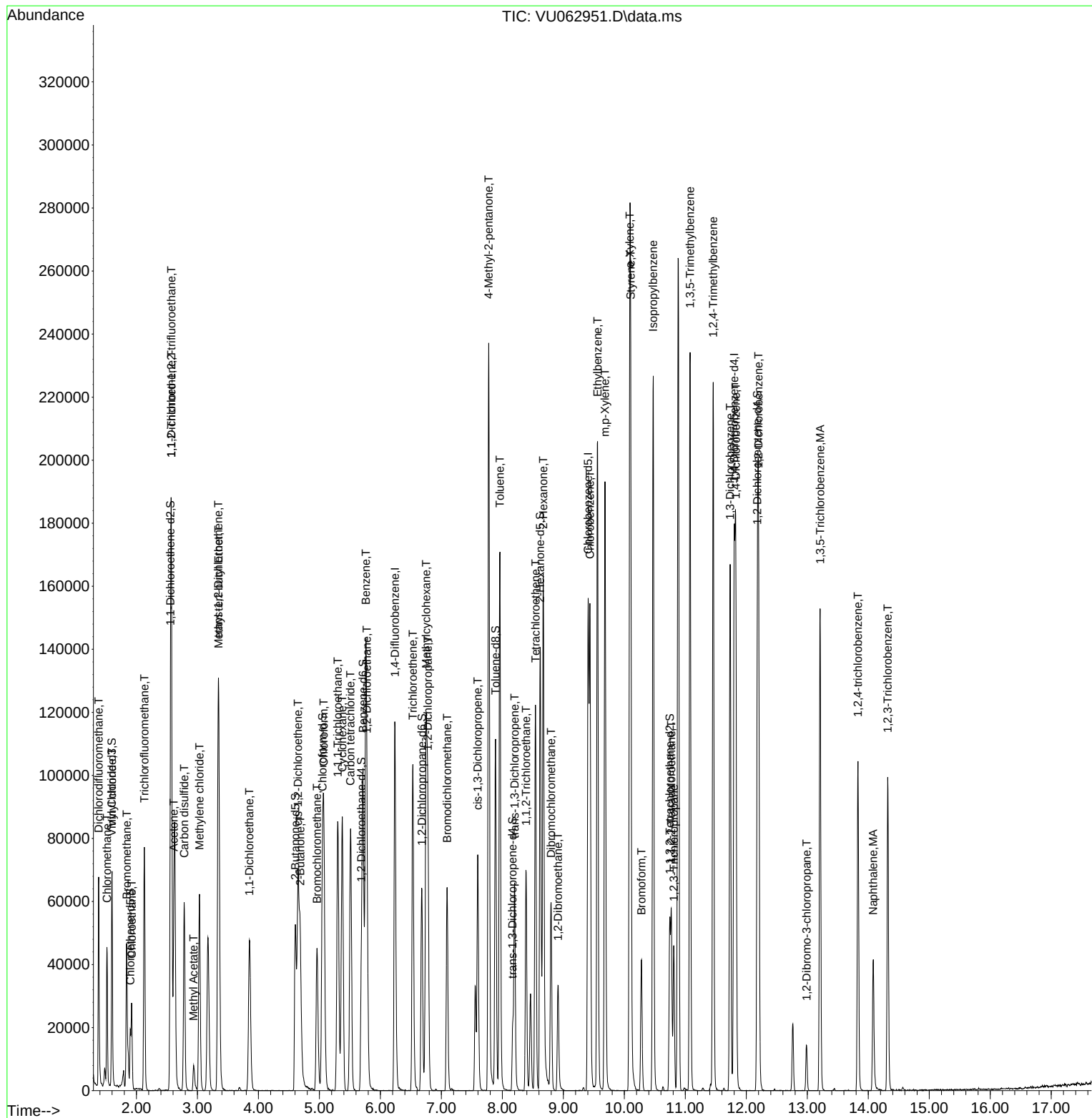
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	46835	5.080	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	65131	5.150	ug/L	99
30) Cyclohexane	5.374	56	40117	4.858	ug/L	95
31) Carbon tetrachloride	5.509	117	60868	5.237	ug/L	97
33) Benzene	5.759	78	122872	5.130	ug/L	100
34) Trichloroethene	6.531	95	36689	4.484	ug/L	97
35) Methylcyclohexane	6.750	83	46800	4.648	ug/L	98
37) 1,2-Dichloropropane	6.779	63	30579	5.412	ug/L	100
38) Bromodichloromethane	7.094	83	43345	4.770	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	44158	4.590	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	126135	47.788	ug/L	99
42) Toluene	7.959	91	126032	4.802	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	38998	4.702	ug/L	100
45) 1,1,2-Trichloroethane	8.386	97	20820	4.537	ug/L	97
47) Tetrachloroethene	8.544	164	26971	4.786	ug/L	97
48) 2-Hexanone	8.669	43	89585	47.210	ug/L	99
49) Dibromochloromethane	8.798	129	31089	5.046	ug/L	99
50) 1,2-Dibromoethane	8.910	107	21100	4.806	ug/L	96
51) Chlorobenzene	9.435	112	82239	4.791	ug/L	98
52) Ethylbenzene	9.560	91	146054	4.904	ug/L	98
53) m,p-Xylene	9.682	106	54175	4.863	ug/L	98
54) o-Xylene	10.087	106	50439	4.727	ug/L	97
55) Styrene	10.103	104	87613	4.909	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	23685	4.601	ug/L #	94
59) Bromoform	10.280	173	19560	4.841	ug/L	98
60) Isopropylbenzene	10.473	105	144608	4.530	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	18695	4.550	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	128694	4.743	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	129178	4.922	ug/L	96
64) 1,3-Dichlorobenzene	11.733	146	68663	4.640	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	69595	4.664	ug/L	98
67) 1,2-Dichlorobenzene	12.200	146	64389	4.642	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	4325	4.064	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	50036	4.489	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	33399	3.721	ug/L	99
71) Naphthalene	14.081	128	37795	2.877	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	31338	4.005	ug/L	96

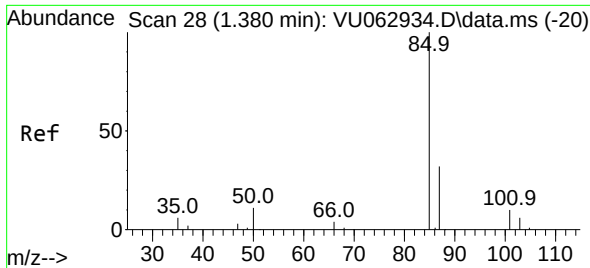
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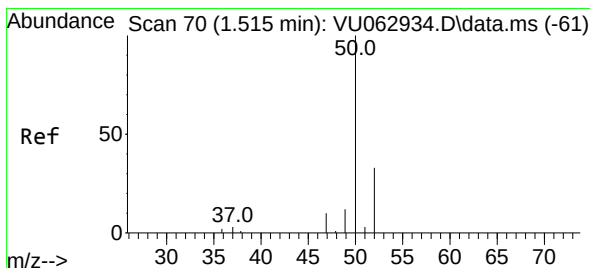
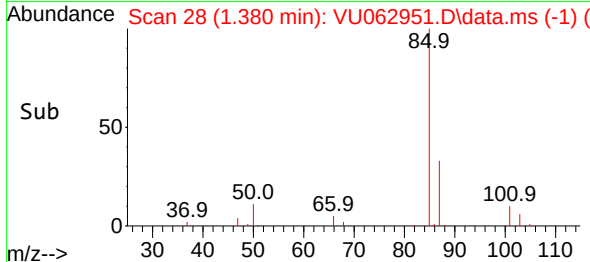
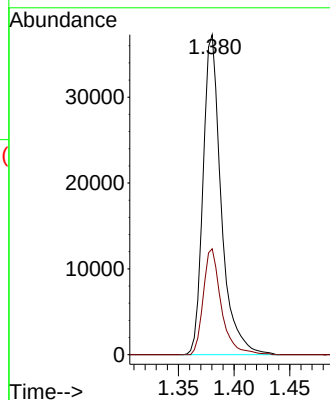
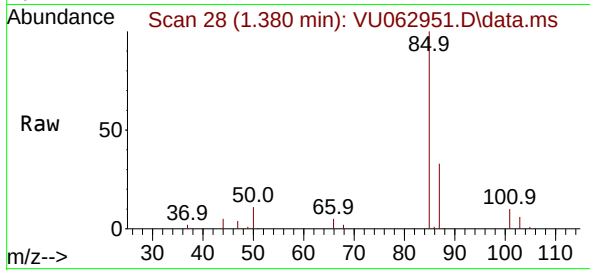




#2
Dichlorodifluoromethane
Concen: 4.602 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

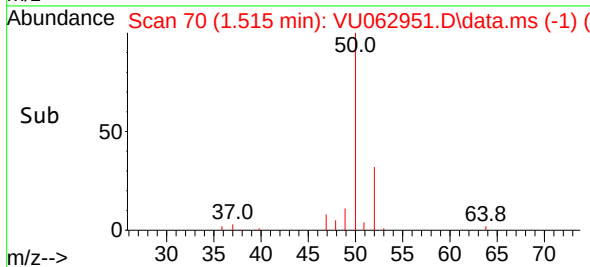
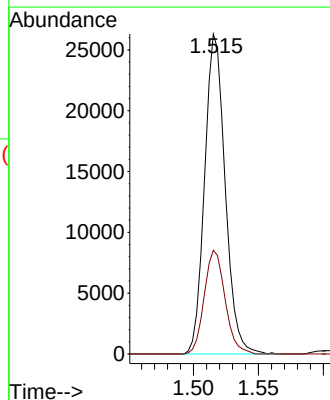
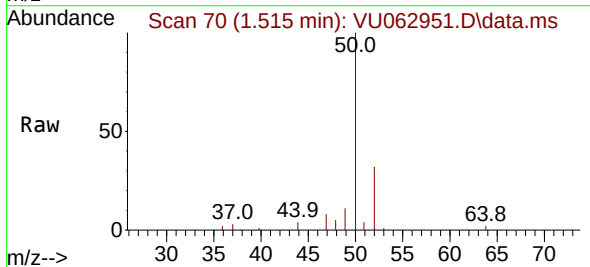
Instrument :
MSVOA_U
ClientSampleId :

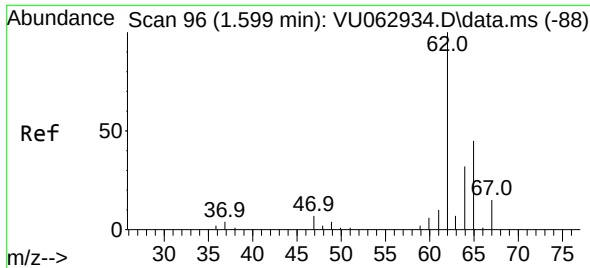
Tgt Ion: 85 Resp: 42234
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1



#3
Chloromethane
Concen: 4.698 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

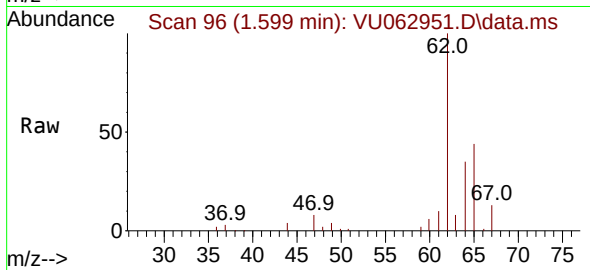
Tgt Ion: 50 Resp: 28936
Ion Ratio Lower Upper
50 100
52 32.4 24.1 44.7



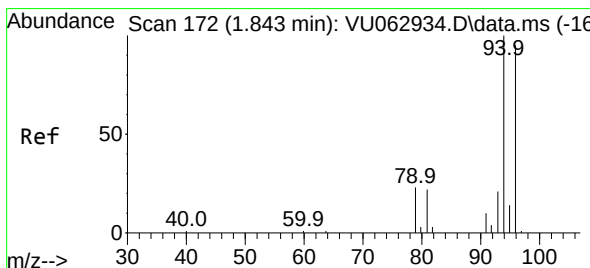
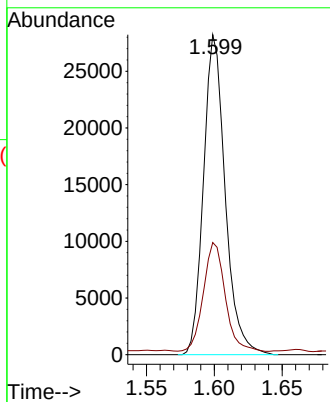
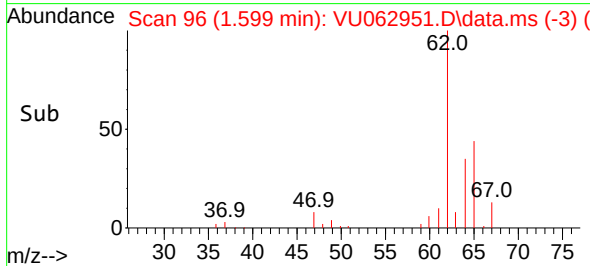


#5
 Vinyl chloride
 Concen: 4.523 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU062951.D
 Acq: 21 Jan 2025 19:02

Instrument :
 MSVOA_U
 ClientSampleId :

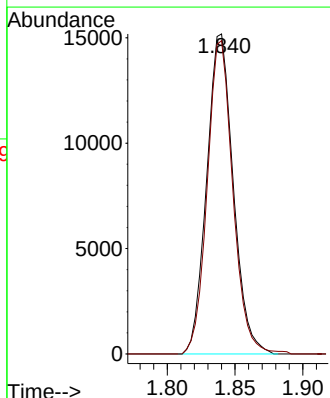
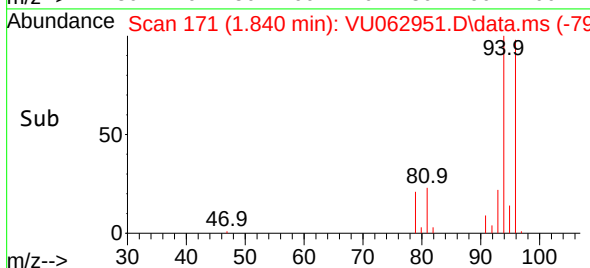
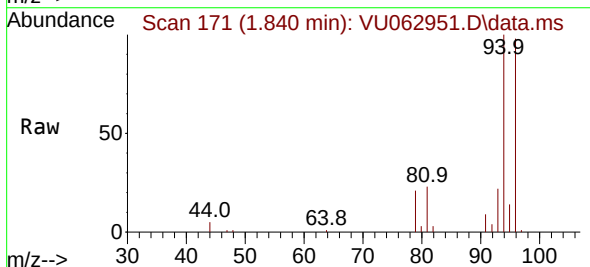


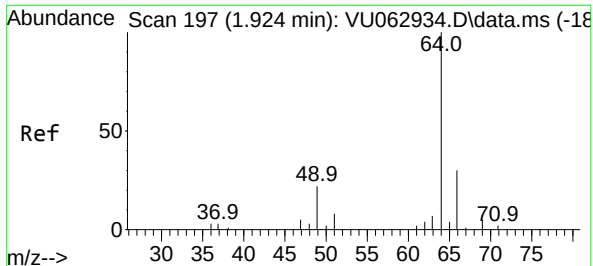
Tgt Ion: 62 Resp: 31370
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.4 43.4



#6
 Bromomethane
 Concen: 4.098 ug/L
 RT: 1.840 min Scan# 171
 Delta R.T. -0.003 min
 Lab File: VU062951.D
 Acq: 21 Jan 2025 19:02

Tgt Ion: 94 Resp: 20681
 Ion Ratio Lower Upper
 94 100
 96 97.9 62.9 116.7

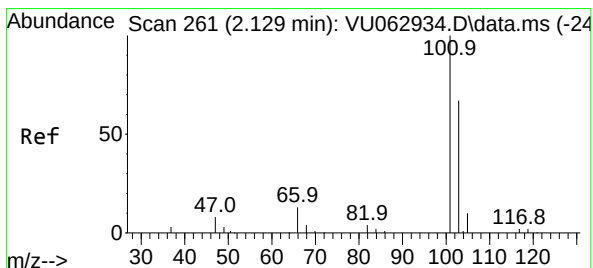
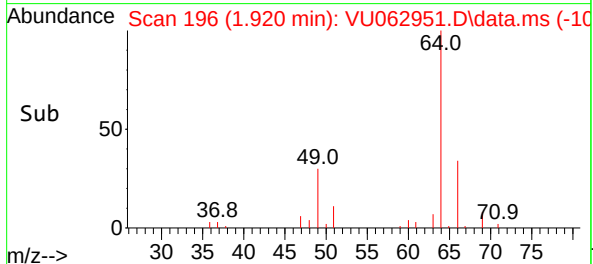
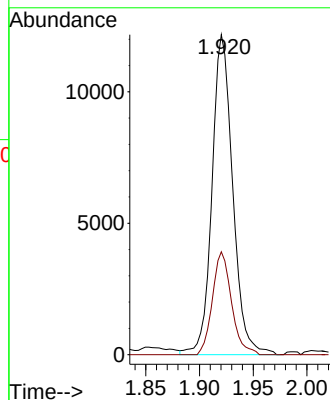
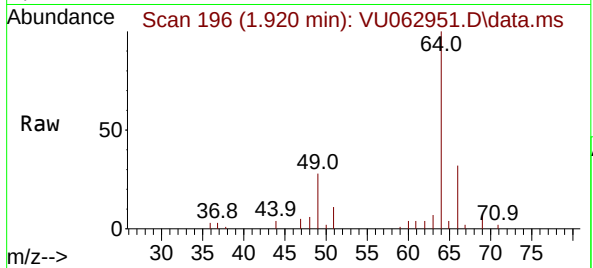




#8
Chloroethane
Concen: 3.918 ug/L
RT: 1.920 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

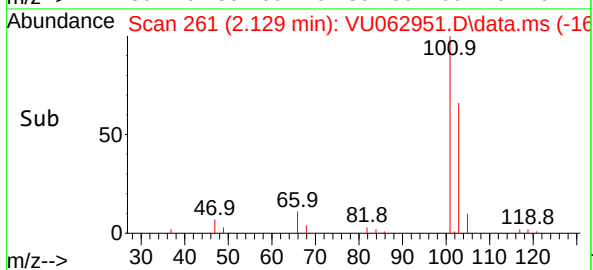
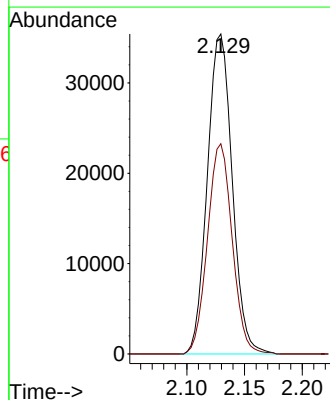
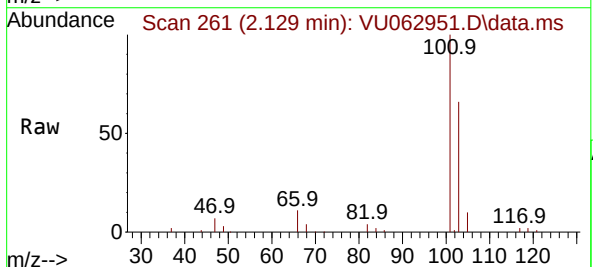
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MSVOA_U
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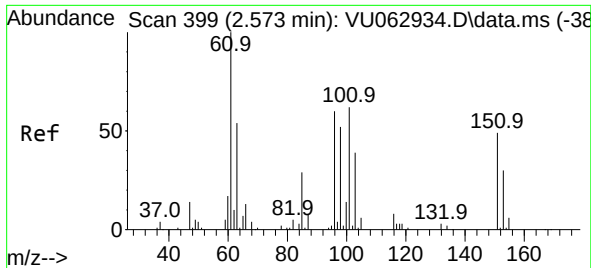
Tgt Ion: 64 Resp: 16328
Ion Ratio Lower Upper
64 100
66 32.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 3.791 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion:101 Resp: 53035
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

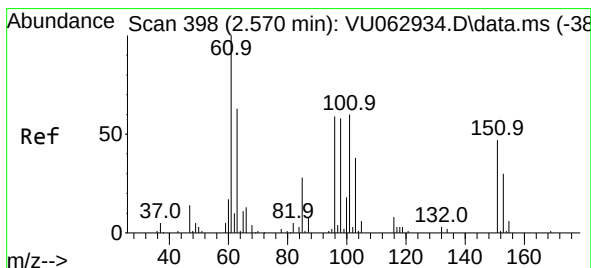
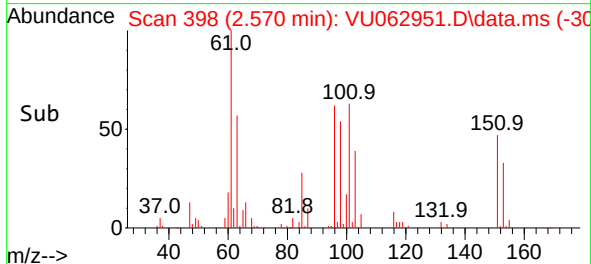
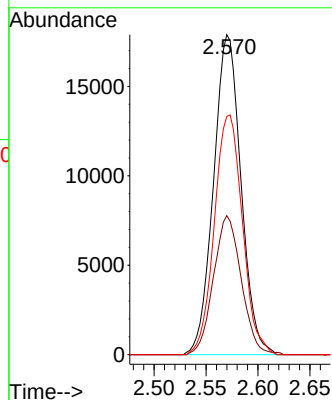
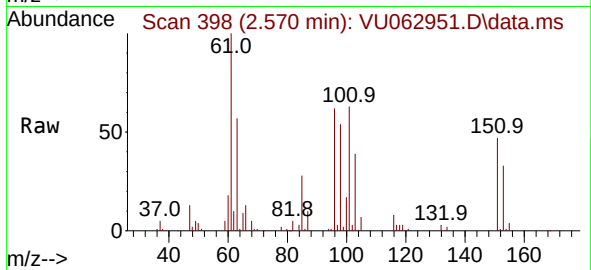




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.867 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062951.D
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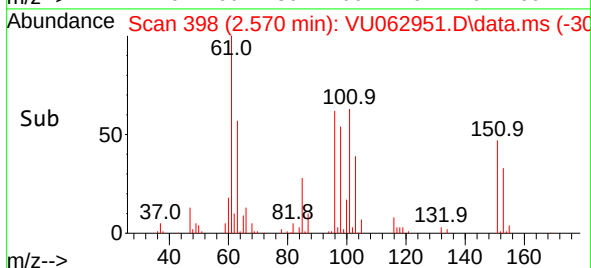
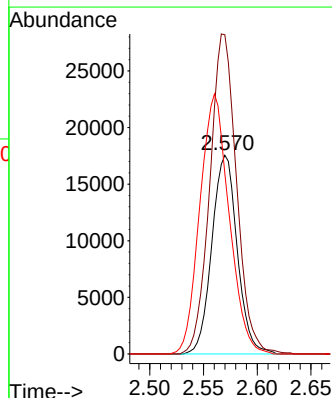
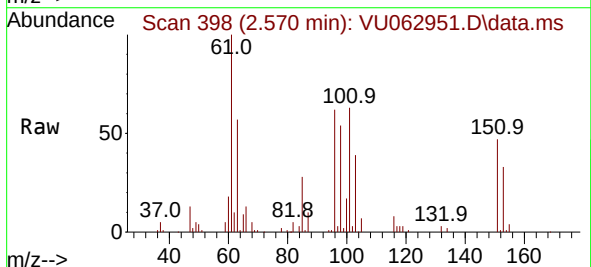
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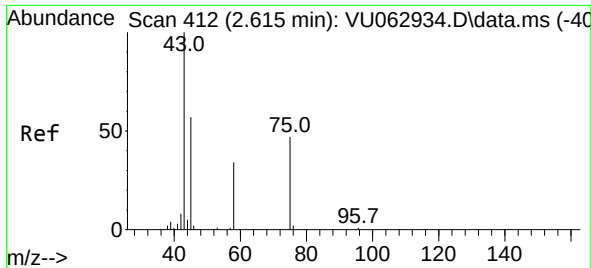
Tgt Ion:101 Resp: 32901
Ion Ratio Lower Upper
101 100
85 44.0 37.0 55.6
151 76.8 64.4 96.6



#12
1,1-Dichloroethene
Concen: 4.812 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion: 96 Resp: 28778
Ion Ratio Lower Upper
96 100
61 160.7 120.4 223.6
63 90.8 82.3 152.9





#13

Acetone

Concen: 48.862 ug/L

RT: 2.612 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

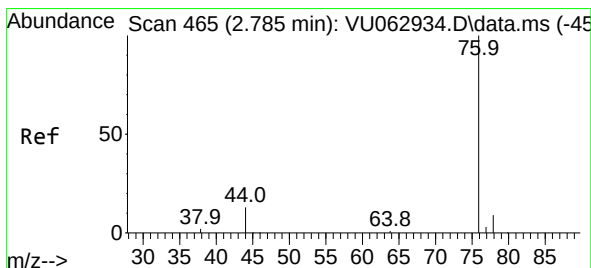
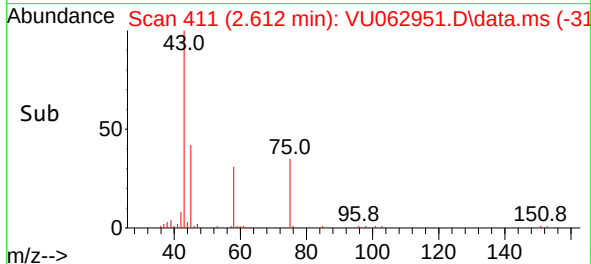
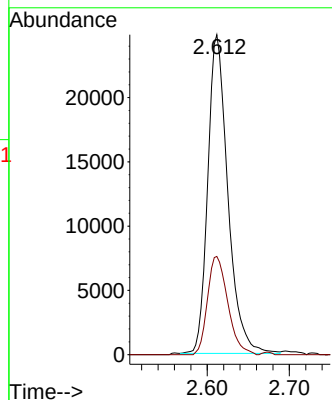
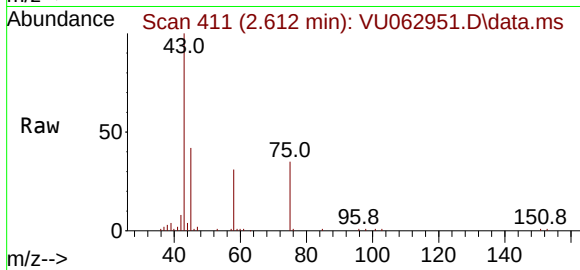
ClientSampleId :

Tgt Ion: 43 Resp: 42213

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.4



#14

Carbon disulfide

Concen: 4.164 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU062951.D

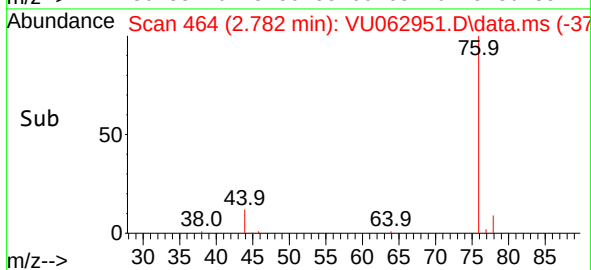
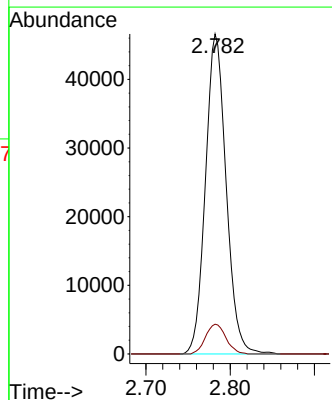
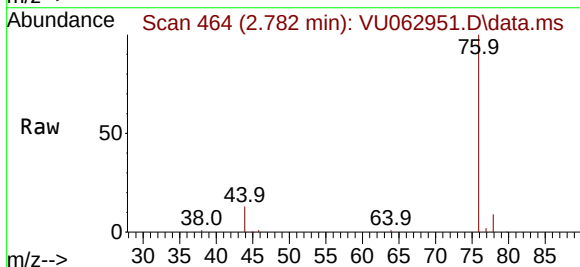
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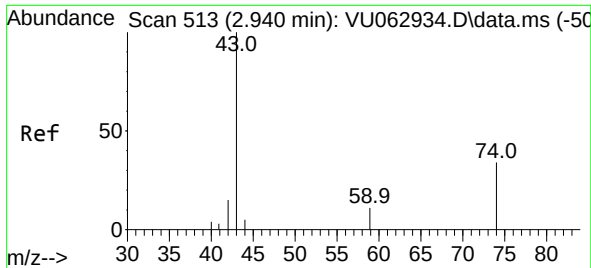
Tgt Ion: 76 Resp: 79538

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

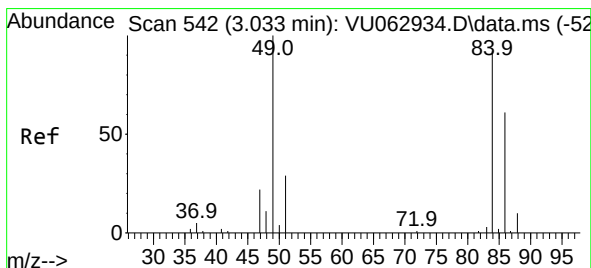
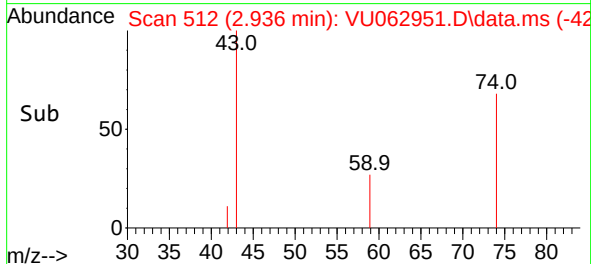
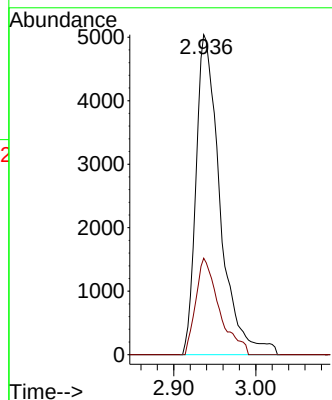
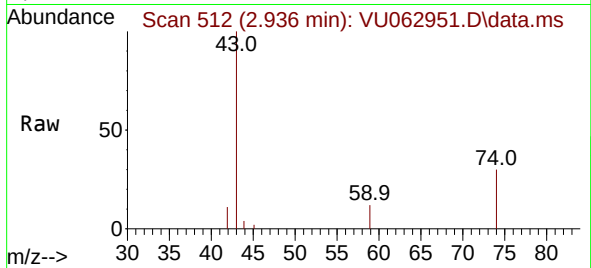




#15
Methyl Acetate
Concen: 5.471 ug/L
RT: 2.936 min Scan# 513
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

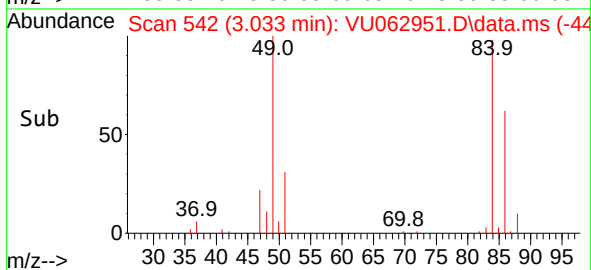
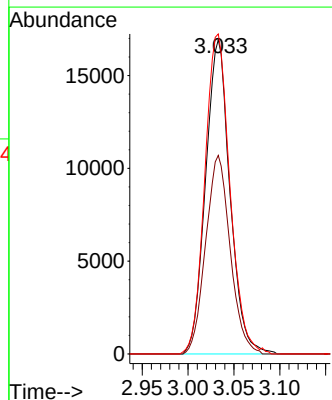
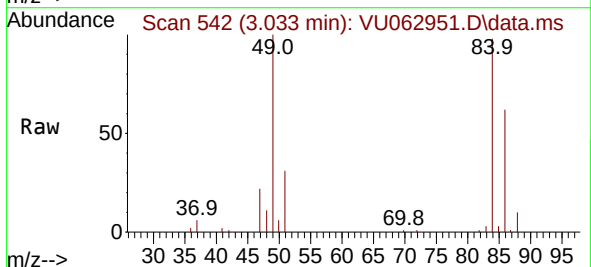
Instrument :
MSVOA_U
ClientSampleId :

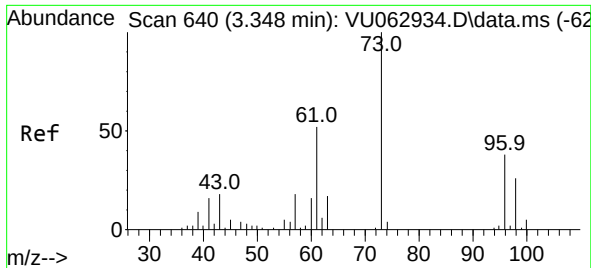
Tgt Ion: 43 Resp: 10233
Ion Ratio Lower Upper
43 100
74 29.5 24.4 36.6



#16
Methylene chloride
Concen: 4.775 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion: 84 Resp: 31281
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 101.8 68.3 126.9





#17

Methyl tert-butyl Ether

Concen: 4.928 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU062951.D

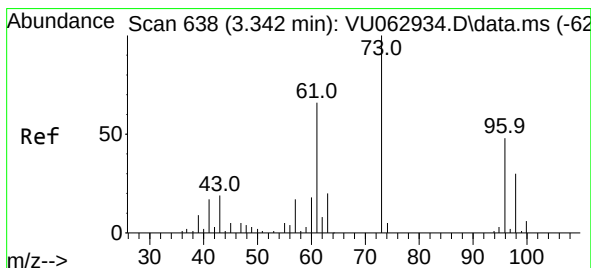
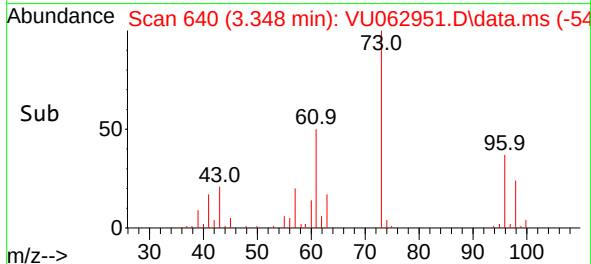
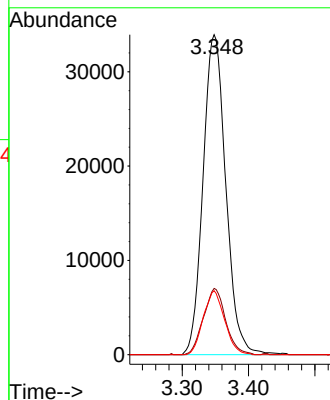
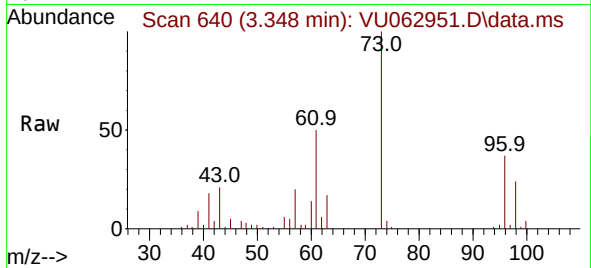
Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 81006
Ion Ratio	Lower Upper
73 100	
43 20.2	16.2 24.4
57 18.7	14.6 22.0



#18

trans-1,2-Dichloroethene

Concen: 4.610 ug/L

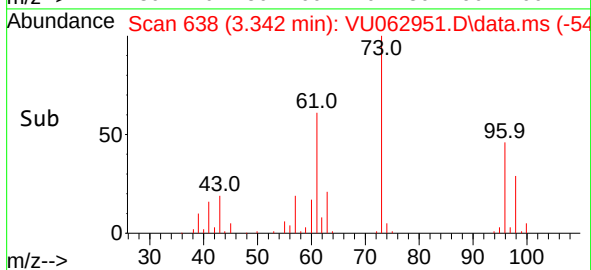
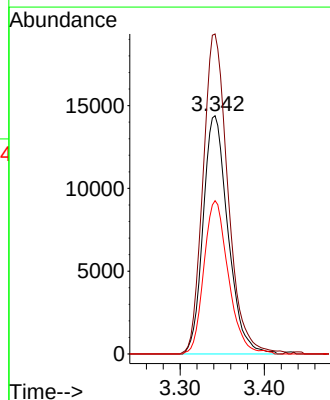
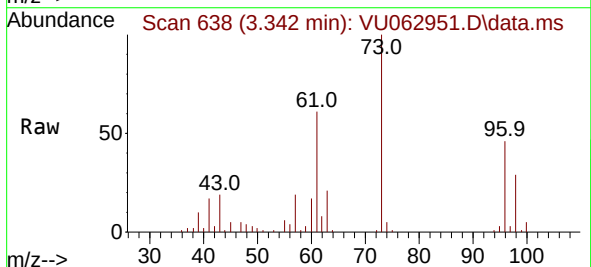
RT: 3.342 min Scan# 638

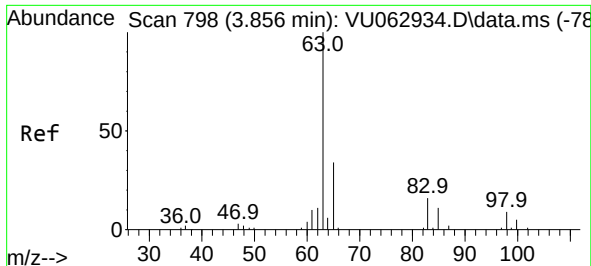
Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Tgt Ion: 96	Resp: 29540
Ion Ratio	Lower Upper
96 100	
61 134.4	94.4 175.2
98 64.4	42.8 79.4





#19

1,1-Dichloroethane

Concen: 4.859 ug/L

RT: 3.853 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

ClientSampleId :

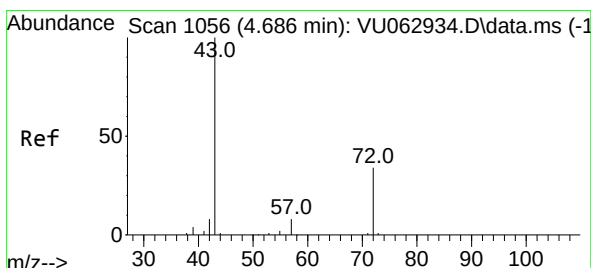
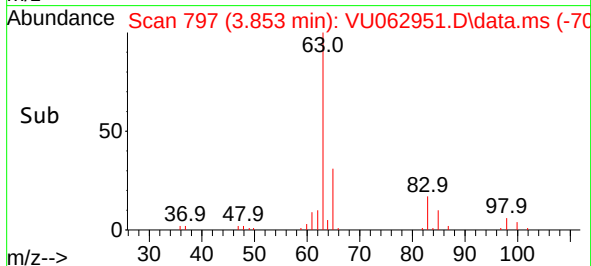
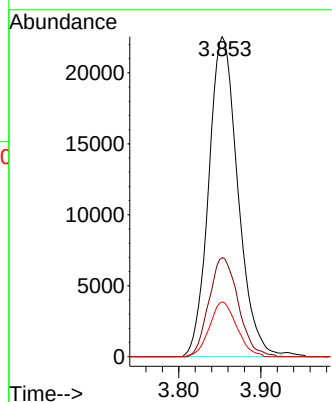
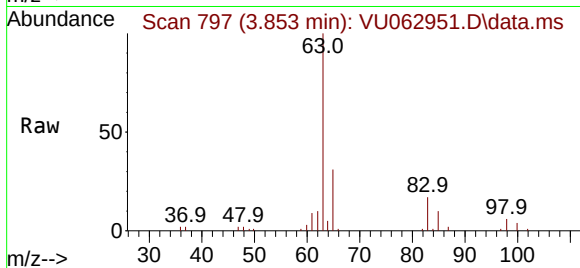
Tgt Ion: 63 Resp: 55669

Ion Ratio Lower Upper

63 100

65 30.9 20.7 38.5

83 17.1 10.5 19.5



#21

2-Butanone

Concen: 51.960 ug/L

RT: 4.686 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VU062951.D

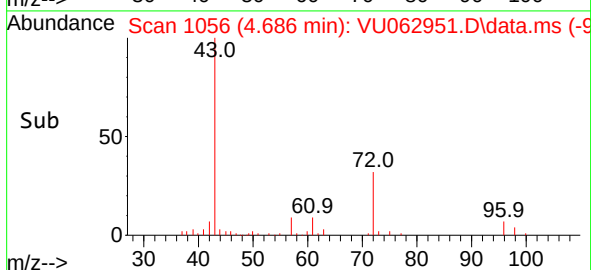
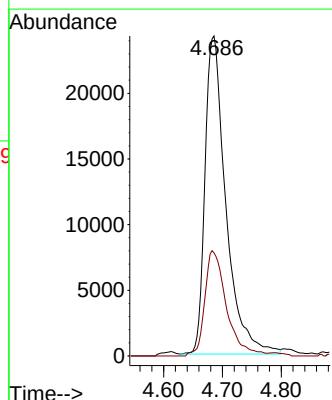
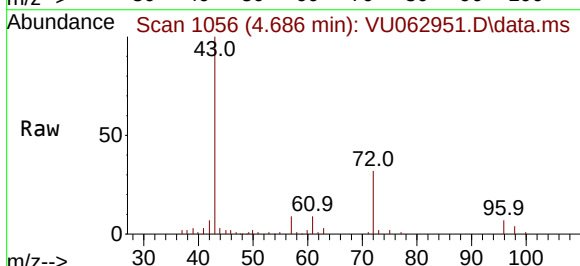
Acq: 21 Jan 2025 19:02

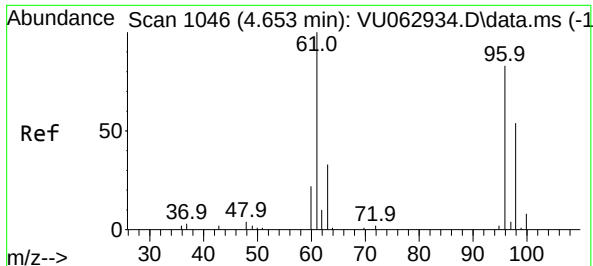
Tgt Ion: 43 Resp: 59783

Ion Ratio Lower Upper

43 100

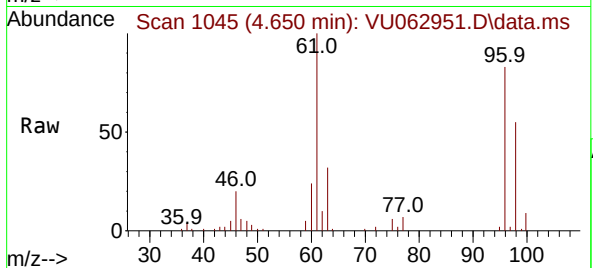
72 34.3 17.1 51.2



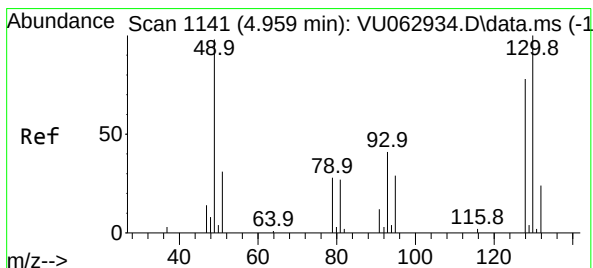
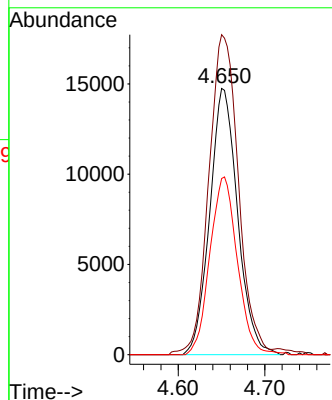
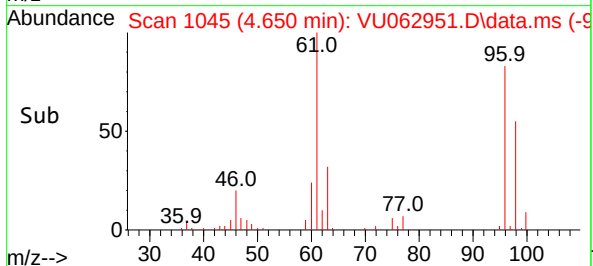


#22
 cis-1,2-Dichloroethene
 Concen: 4.726 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062951.D
 Acq: 21 Jan 2025 19:02

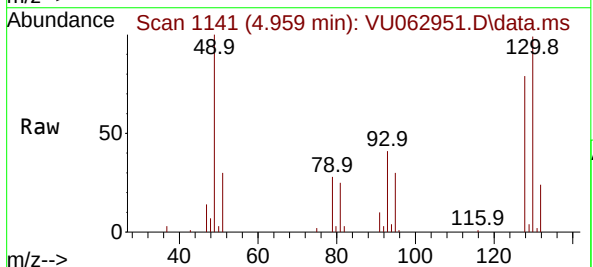
Instrument :
 MSVOA_U
 ClientSampleId :



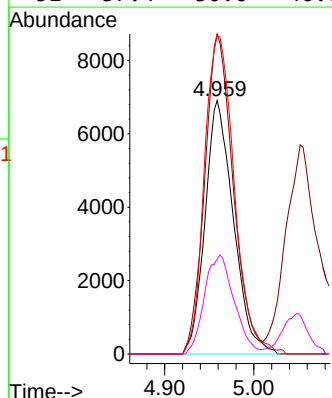
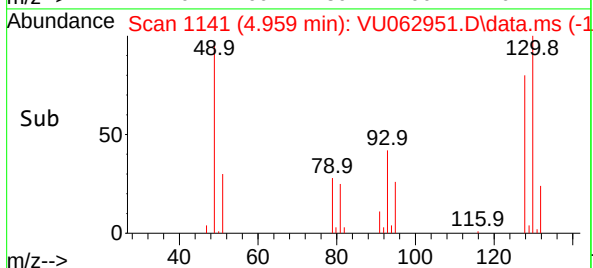
Tgt Ion: 96 Resp: 32980
 Ion Ratio Lower Upper
 96 100
 61 120.2 84.8 157.6
 98 66.1 43.1 80.1

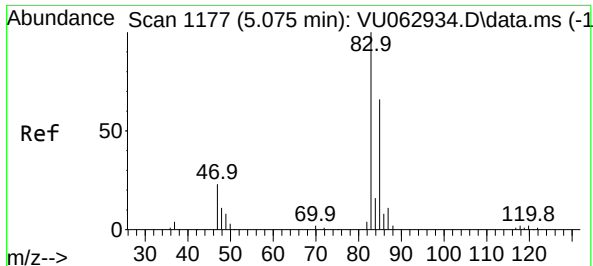


#23
 Bromochloromethane
 Concen: 4.621 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. 0.000 min
 Lab File: VU062951.D
 Acq: 21 Jan 2025 19:02



Tgt Ion: 128 Resp: 15222
 Ion Ratio Lower Upper
 128 100
 49 126.3 81.1 150.7
 130 125.6 94.9 176.3
 51 37.4 30.6 46.0

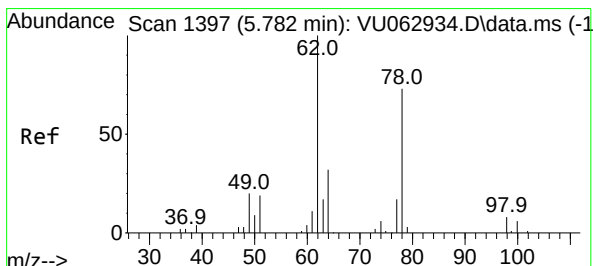
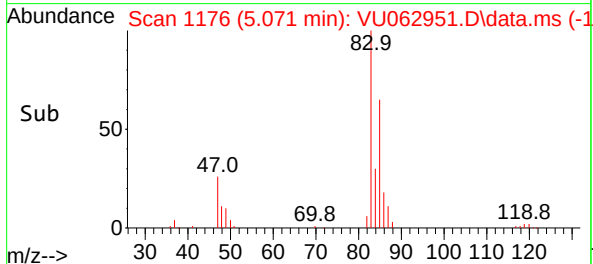
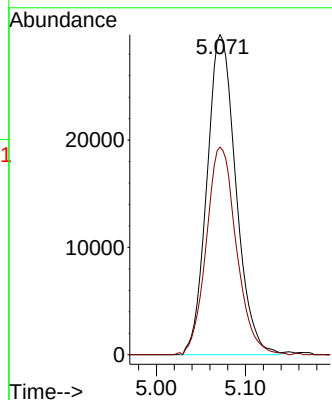
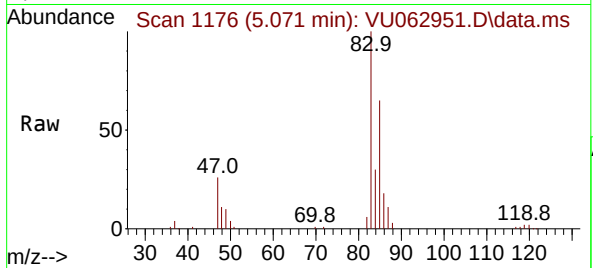




#25
Chloroform
Concen: 4.781 ug/L
RT: 5.071 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

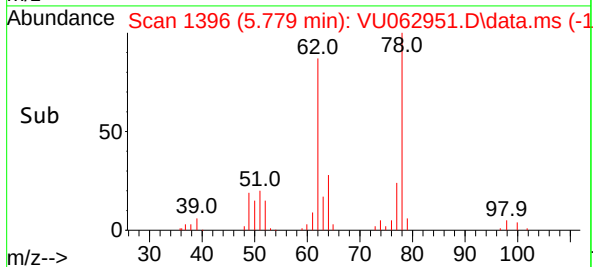
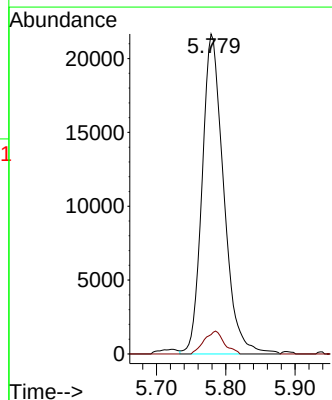
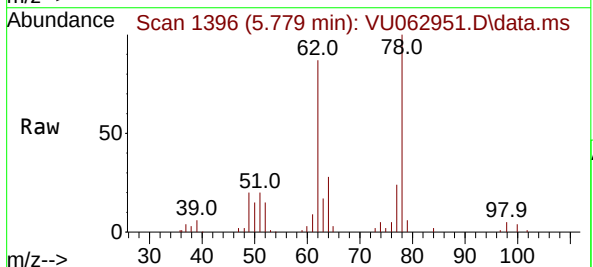
Instrument :
MSVOA_U
ClientSampleId :

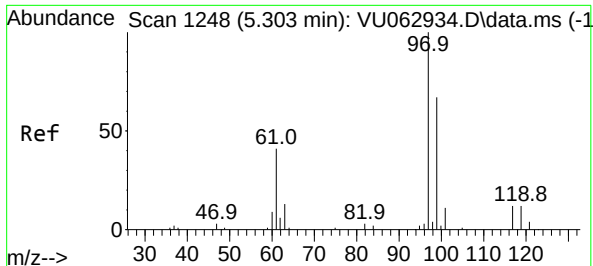
Tgt Ion: 83 Resp: 67412
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.080 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion: 62 Resp: 46835
Ion Ratio Lower Upper
62 100
98 6.1 5.8 8.6

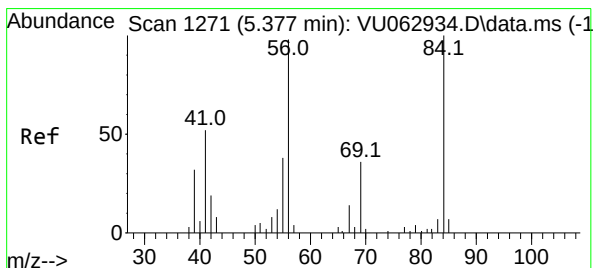
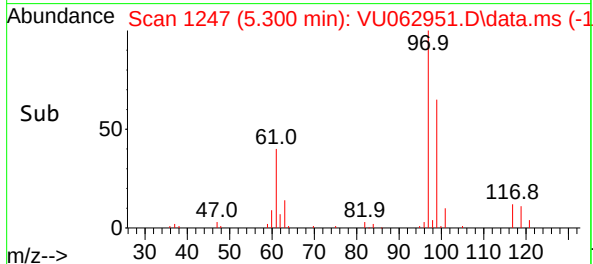
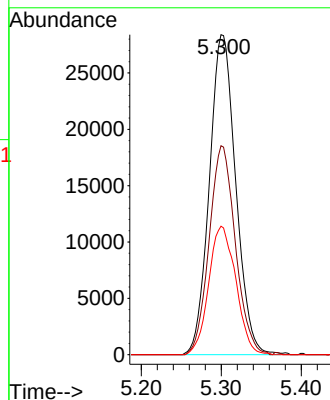
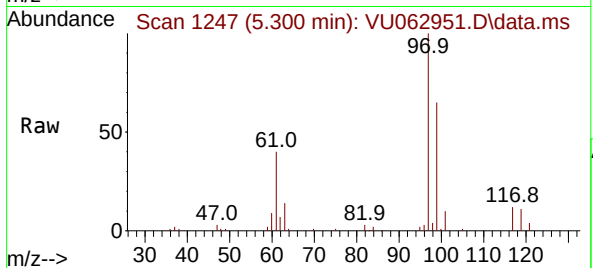




#29
1,1,1-Trichloroethane
Concen: 5.150 ug/L
RT: 5.300 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

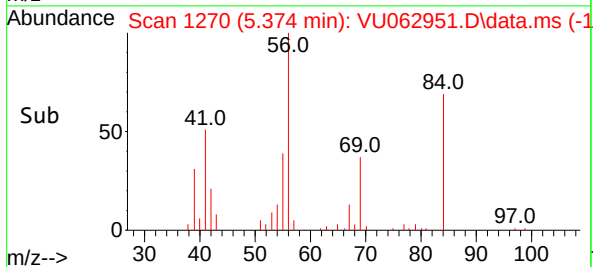
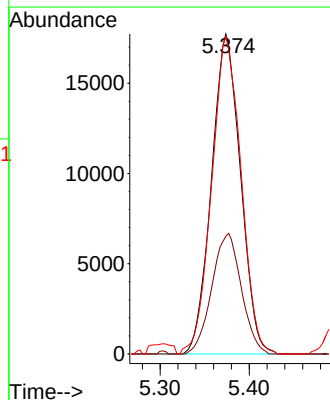
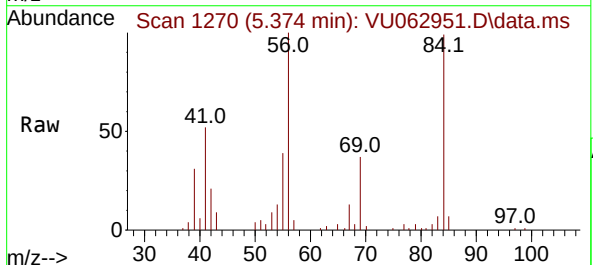
Instrument :
MSVOA_U
ClientSampleId :

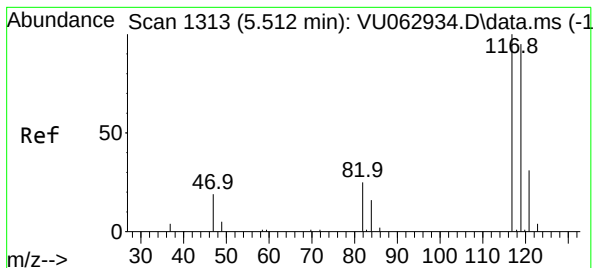
Tgt Ion: 97 Resp: 65131
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 41.3 32.2 48.4



#30
Cyclohexane
Concen: 4.858 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion: 56 Resp: 40117
Ion Ratio Lower Upper
56 100
69 38.2 28.3 42.5
84 100.1 76.5 114.7





#31

Carbon tetrachloride

Concen: 5.237 ug/L

RT: 5.509 min Scan# 117

Delta R.T. -0.003 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

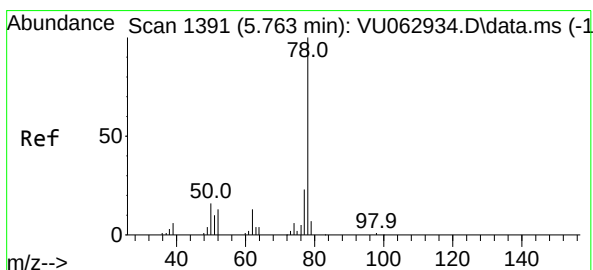
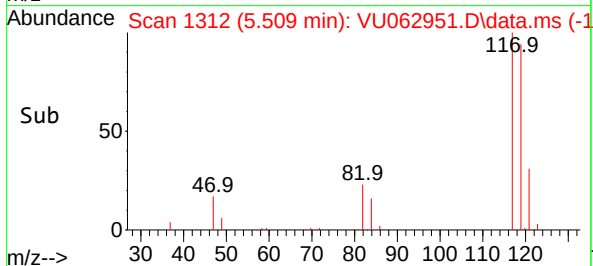
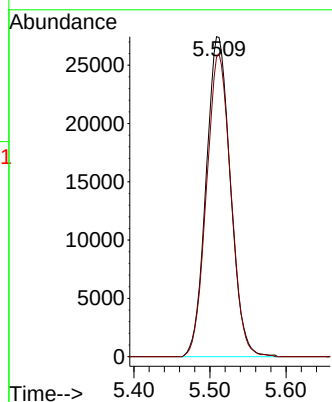
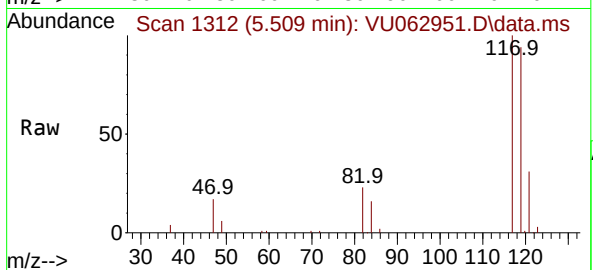
ClientSampleId :

Tgt Ion:117 Resp: 60868

Ion Ratio Lower Upper

117 100

119 95.0 78.6 118.0



#33

Benzene

Concen: 5.130 ug/L

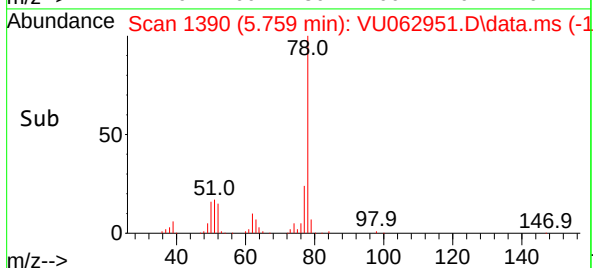
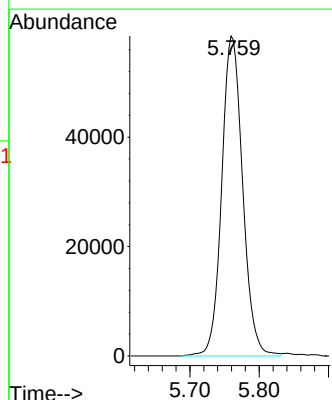
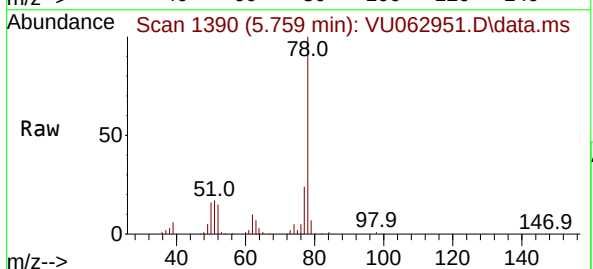
RT: 5.759 min Scan# 1390

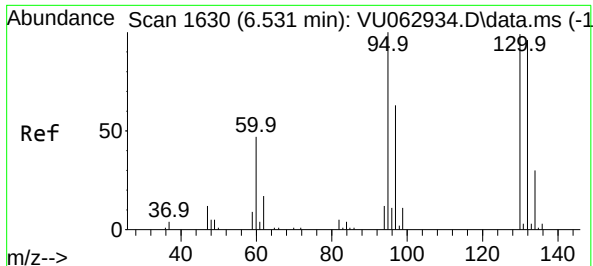
Delta R.T. -0.003 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Tgt Ion: 78 Resp: 122872





#34

Trichloroethene

Concen: 4.484 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

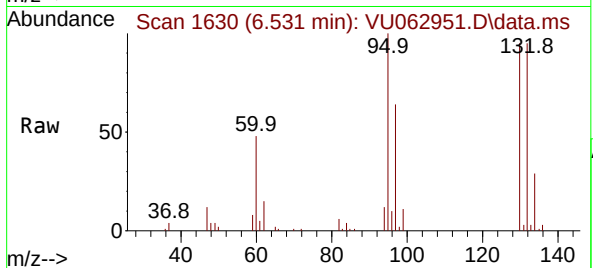
Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 36689

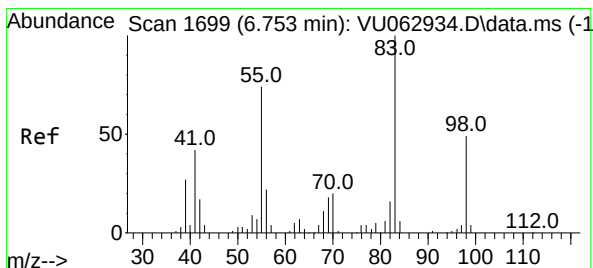
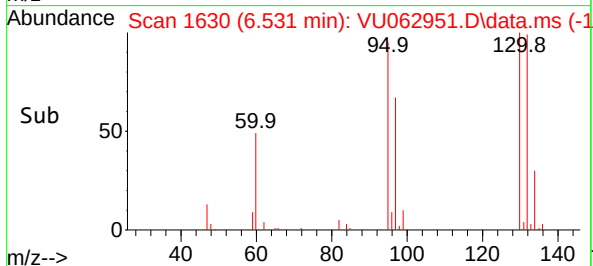
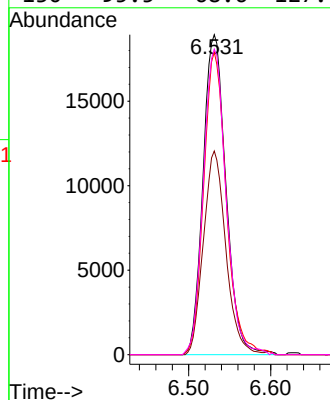
Ion Ratio Lower Upper

95 100

97 63.6 47.5 88.3

132 94.6 66.9 124.3

130 95.5 68.6 127.4



#35

Methylcyclohexane

Concen: 4.648 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

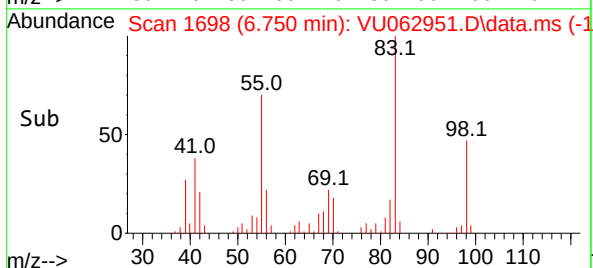
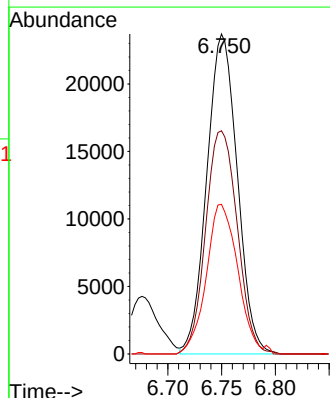
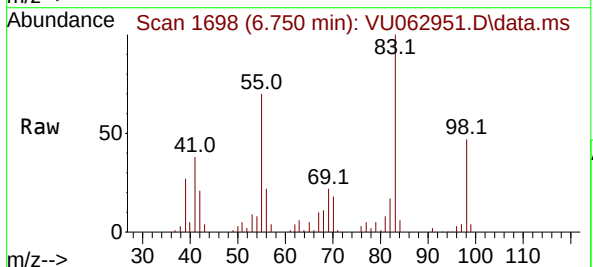
Tgt Ion: 83 Resp: 46800

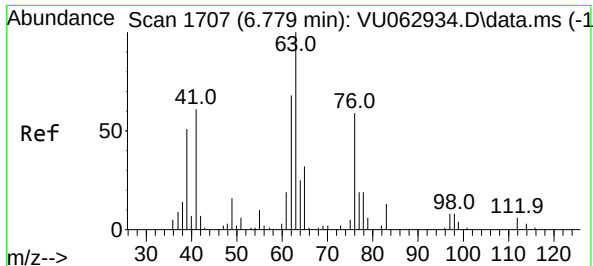
Ion Ratio Lower Upper

83 100

55 72.4 57.2 85.8

98 48.4 36.6 55.0

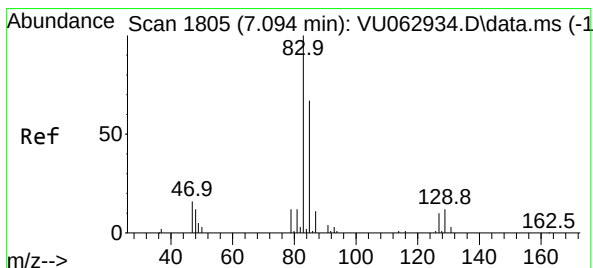
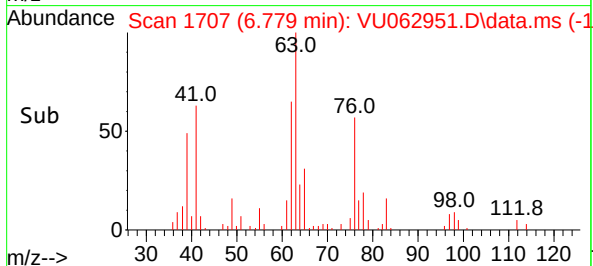
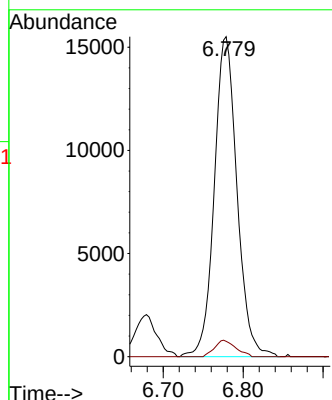
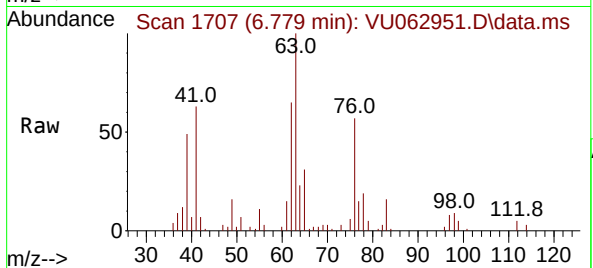




#37
1,2-Dichloropropane
Concen: 5.412 ug/L
RT: 6.779 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

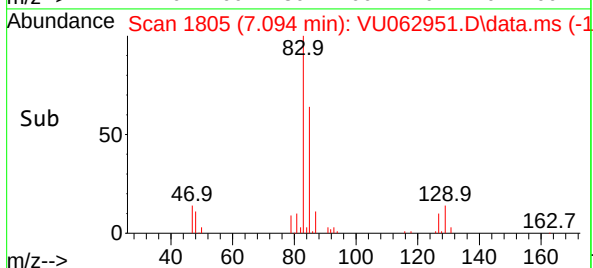
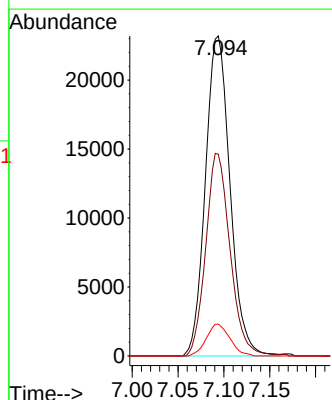
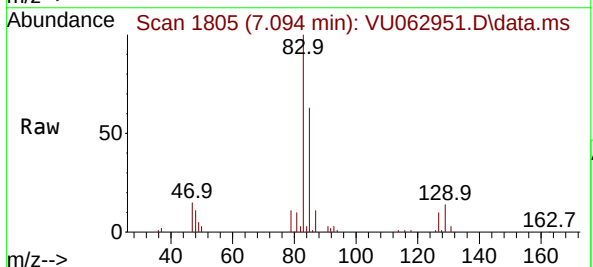
Instrument :
MSVOA_U
ClientSampleId :

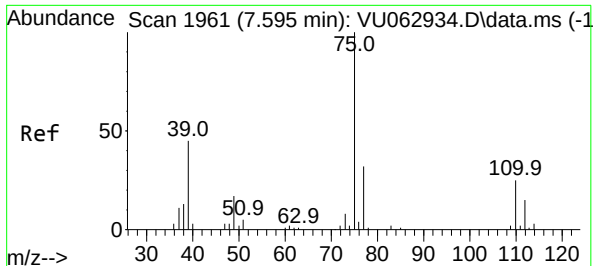
Tgt Ion: 63 Resp: 30579
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 4.770 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion: 83 Resp: 43345
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0
127 10.0 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.590 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

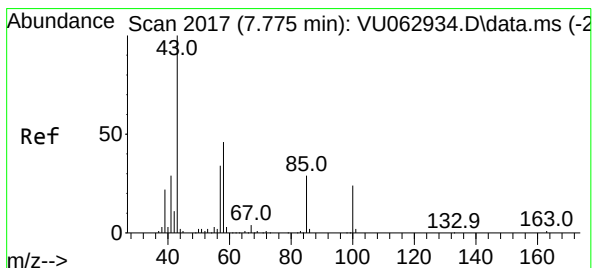
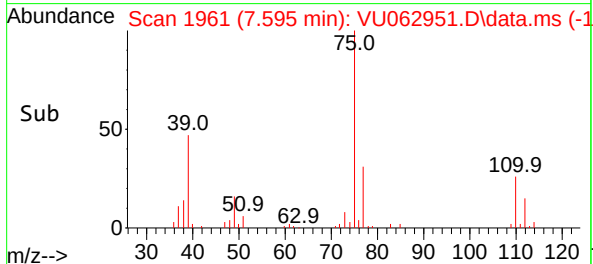
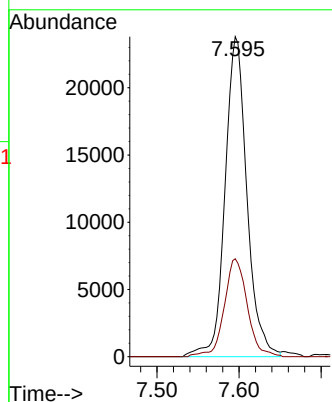
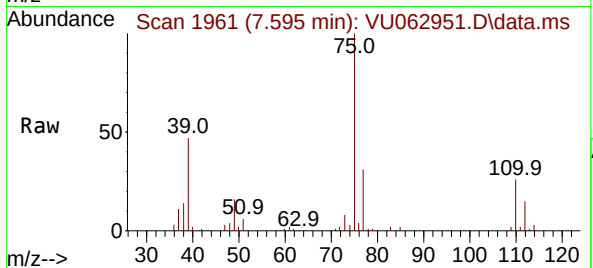
ClientSampleId :

Tgt Ion: 75 Resp: 44158

Ion Ratio Lower Upper

75 100

77 30.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 47.788 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

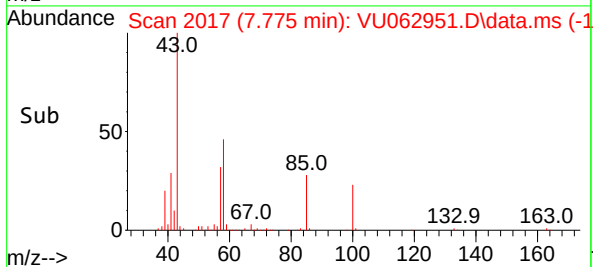
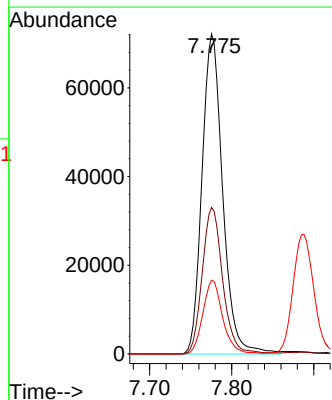
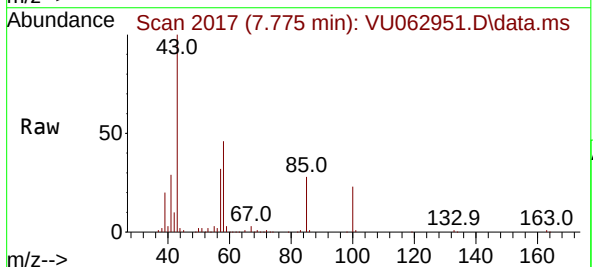
Tgt Ion: 43 Resp: 126135

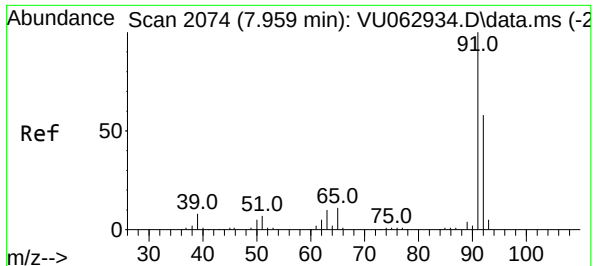
Ion Ratio Lower Upper

43 100

58 45.3 35.8 53.8

100 22.2 16.8 25.2





#42

Toluene

Concen: 4.802 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

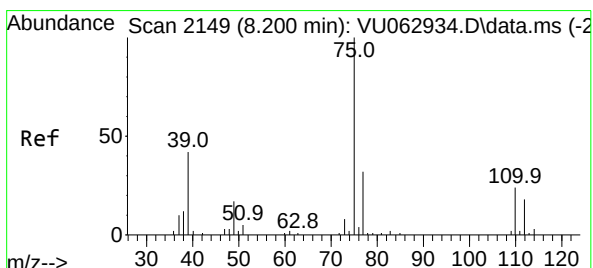
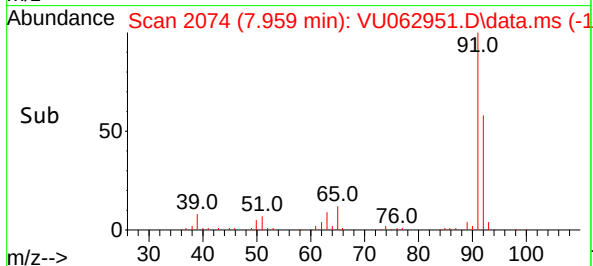
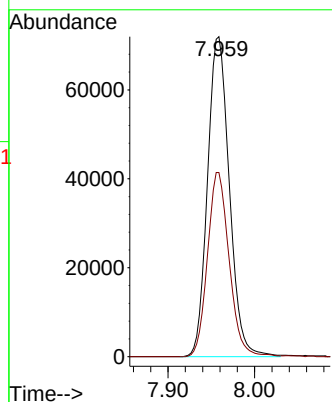
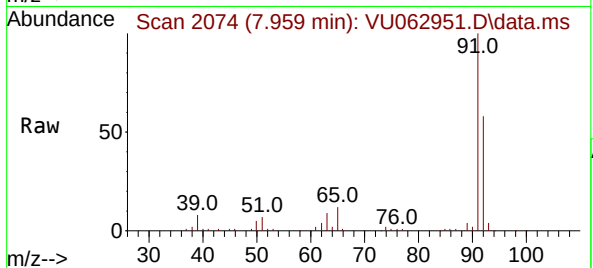
ClientSampleId :

Tgt Ion: 91 Resp: 126032

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.702 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU062951.D

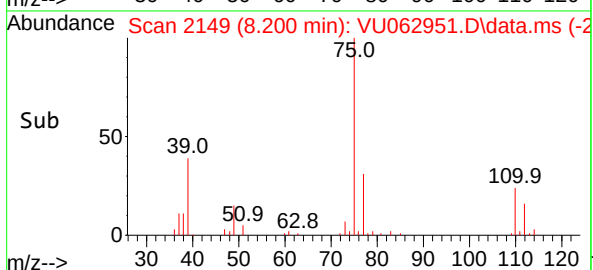
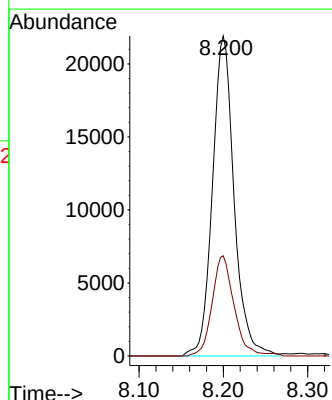
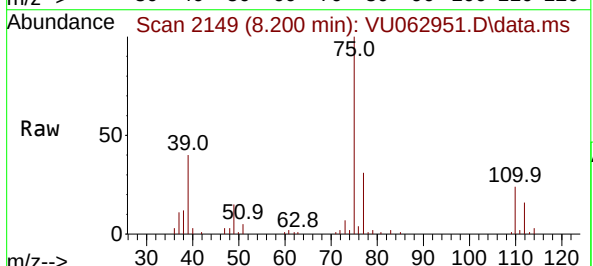
Acq: 21 Jan 2025 19:02

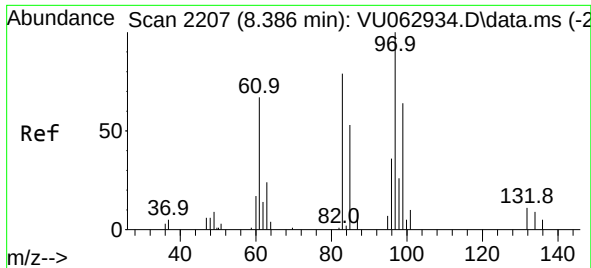
Tgt Ion: 75 Resp: 38998

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6

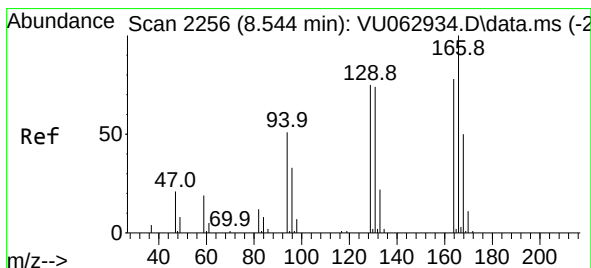
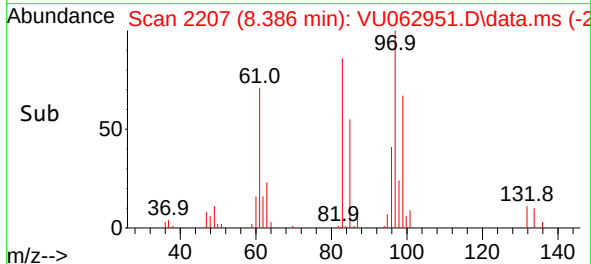
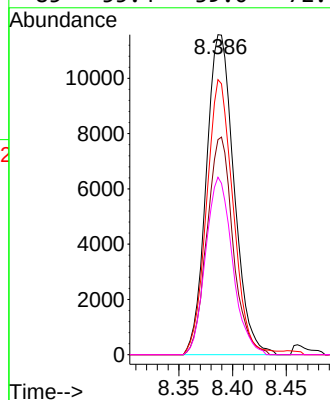
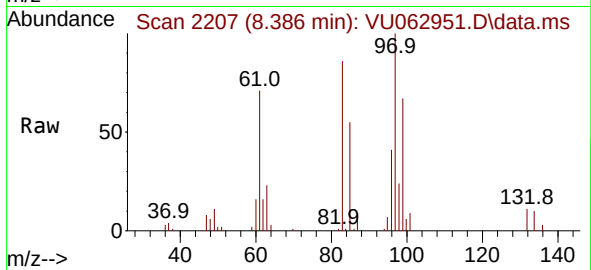




#45
1,1,2-Trichloroethane
Concen: 4.537 ug/L
RT: 8.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

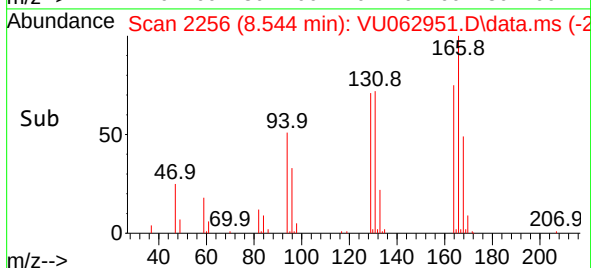
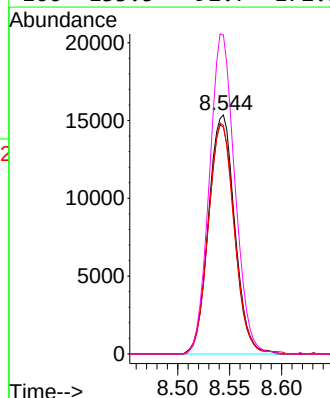
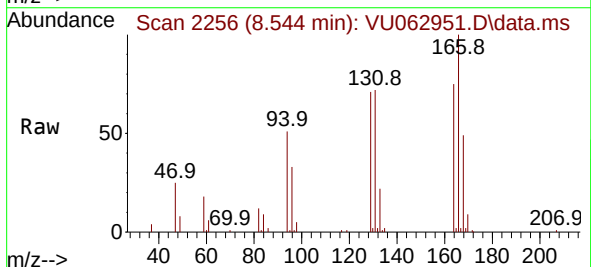
Instrument :
MSVOA_U
ClientSampleId :

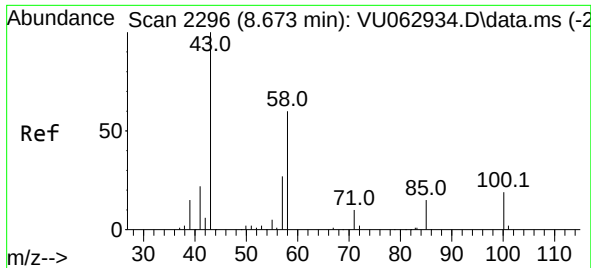
Tgt Ion:	97	Resp:	20820
Ion	Ratio	Lower	Upper
97	100		
99	67.2	45.6	84.6
83	86.0	63.0	117.0
85	55.4	39.0	72.4



#47
Tetrachloroethene
Concen: 4.786 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

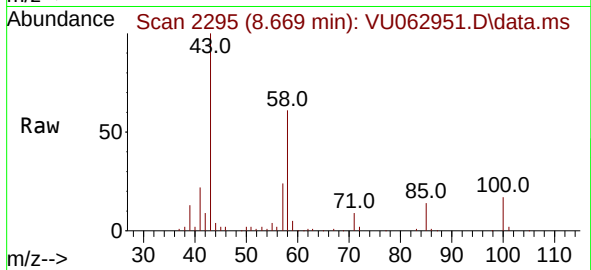
Tgt Ion:	164	Resp:	26971
Ion	Ratio	Lower	Upper
164	100		
129	94.9	71.0	131.9
131	95.7	69.4	129.0
166	133.5	92.7	172.3



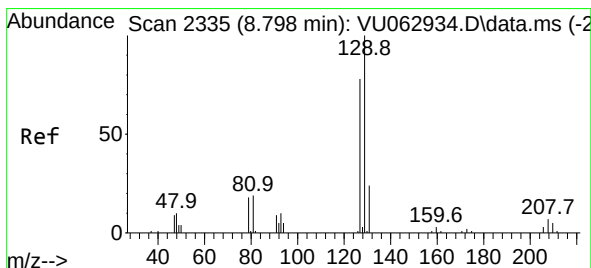
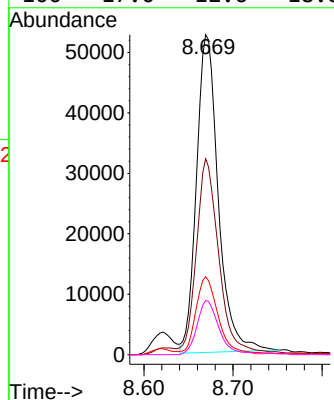
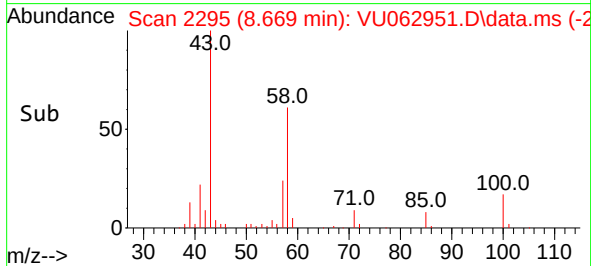


#48
2-Hexanone
Concen: 47.210 ug/L
RT: 8.669 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Instrument :
MSVOA_U
ClientSampleId :

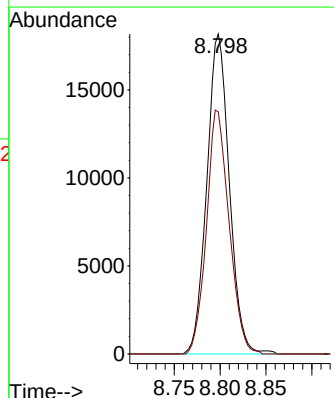
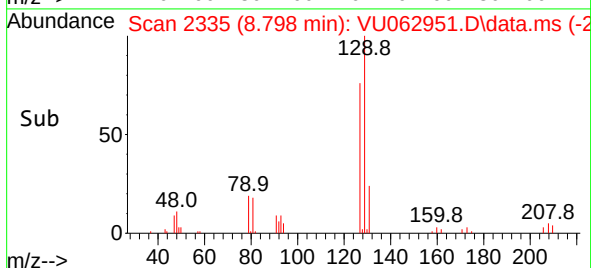
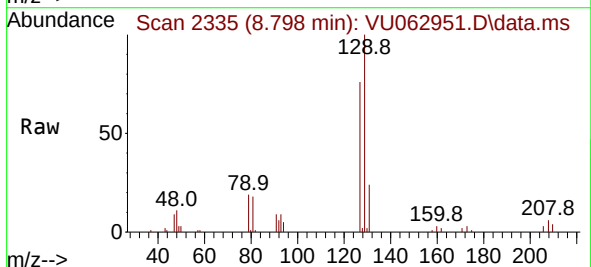


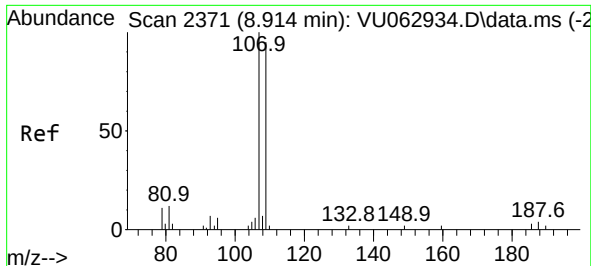
Tgt Ion: 43	Resp: 89585
Ion Ratio	Lower Upper
43 100	
58 63.5	50.2 75.4
57 25.2	19.9 29.9
100 17.0	12.6 18.8



#49
Dibromochloromethane
Concen: 5.046 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion:129	Resp:	31089	
Ion	Ratio	Lower	Upper
129	100		
127	75.6	52.1	96.9





#50

1,2-Dibromoethane

Concen: 4.806 ug/L

RT: 8.910 min Scan# 21100

Delta R.T. -0.003 min

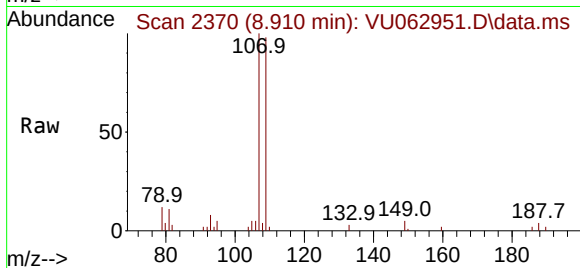
Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

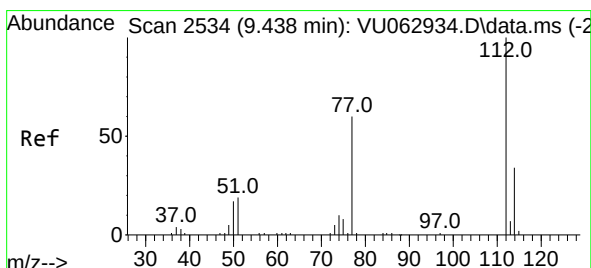
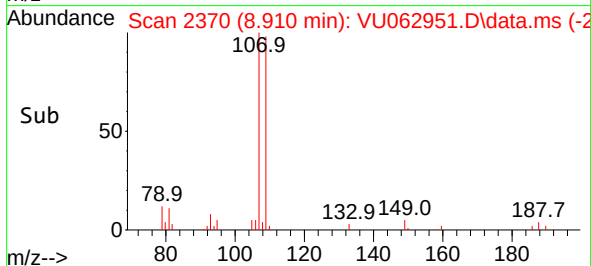
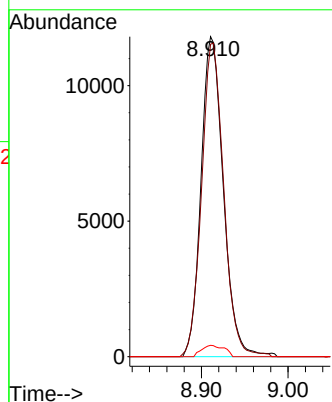
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
107	100		
109	97.6	65.7	121.9
188	3.5	3.4	5.2



#51

Chlorobenzene

Concen: 4.791 ug/L

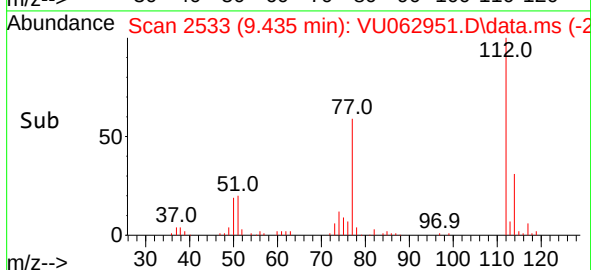
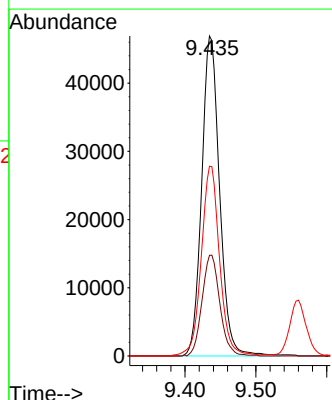
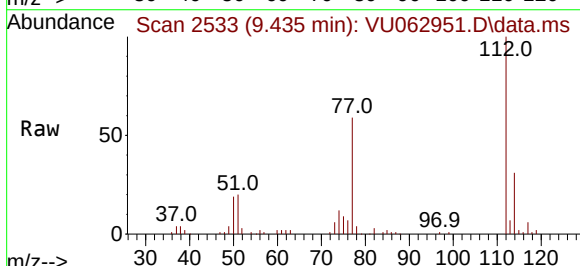
RT: 9.435 min Scan# 2533

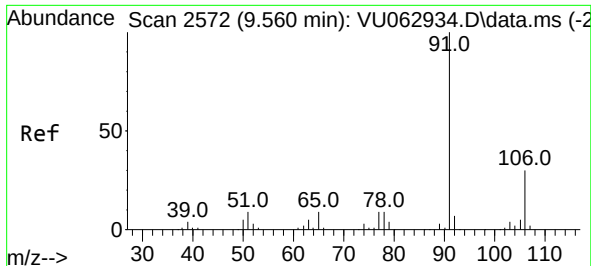
Delta R.T. -0.003 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.7	40.3
77	59.3	48.6	73.0

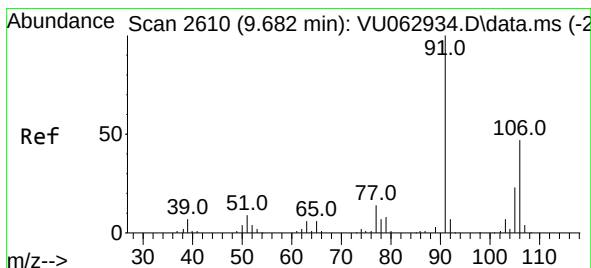
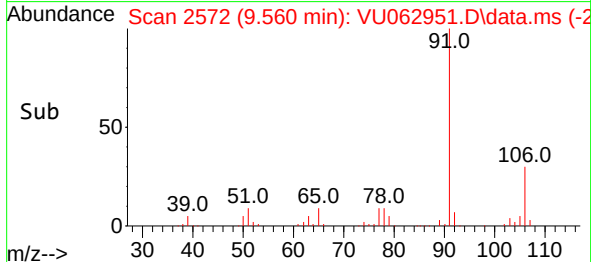
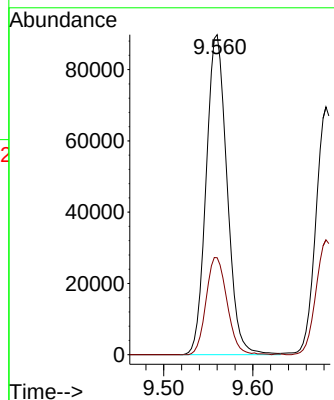
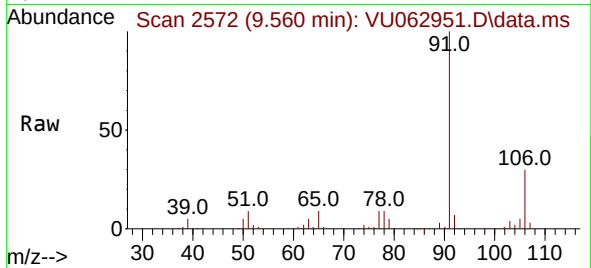




#52
Ethylbenzene
Concen: 4.904 ug/L
RT: 9.560 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

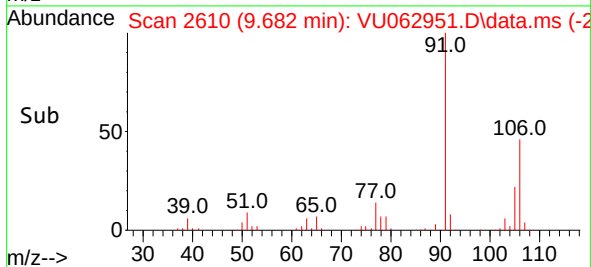
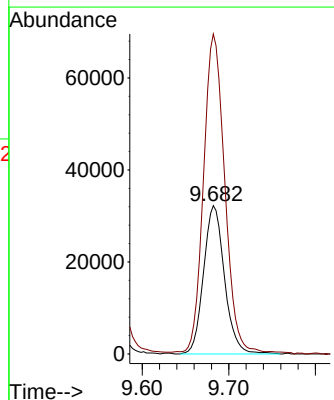
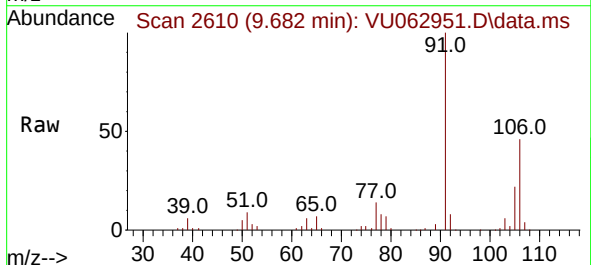
Instrument :
MSVOA_U
ClientSampleId :

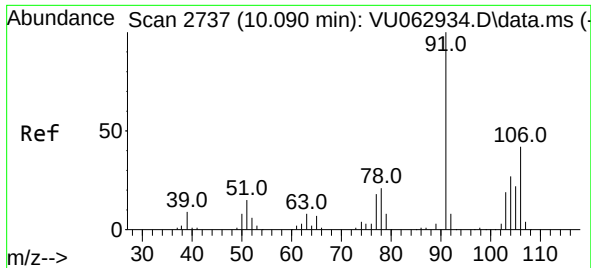
Tgt Ion: 91 Resp: 146054
Ion Ratio Lower Upper
91 100
106 30.3 21.9 40.7



#53
m,p-Xylene
Concen: 4.863 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion: 106 Resp: 54175
Ion Ratio Lower Upper
106 100
91 215.8 153.1 284.3

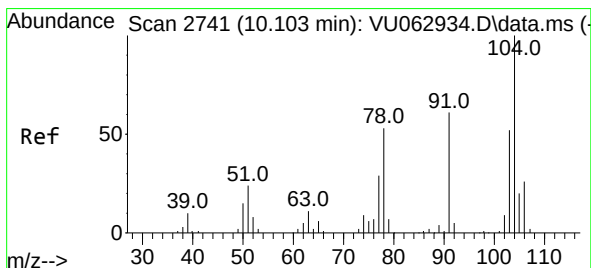
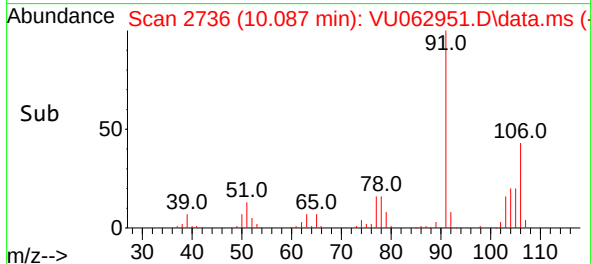
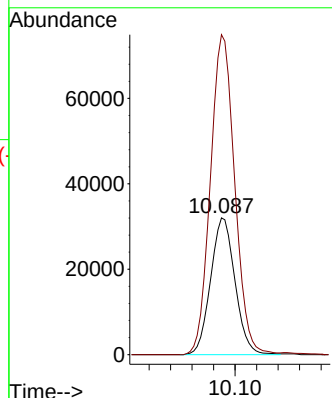
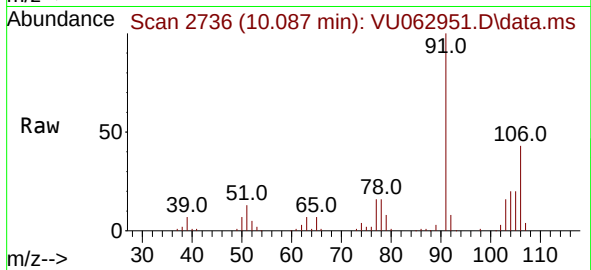




#54
o-Xylene
Concen: 4.727 ug/L
RT: 10.087 min Scan# 2736
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

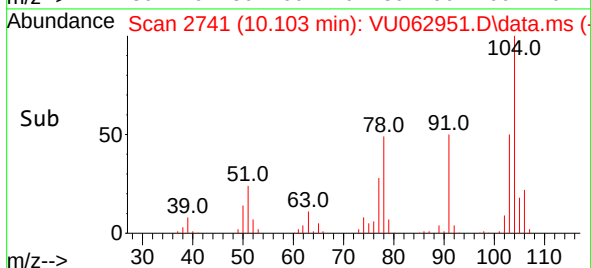
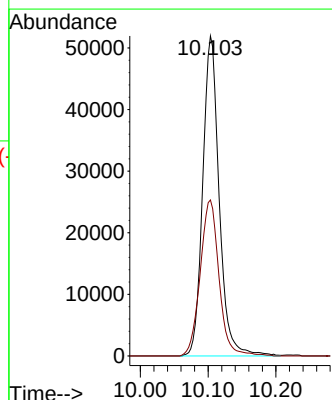
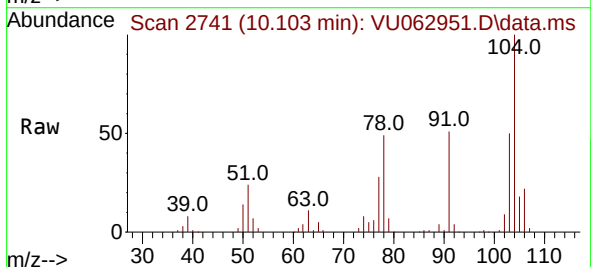
Instrument :
MSVOA_U
ClientSampleId :

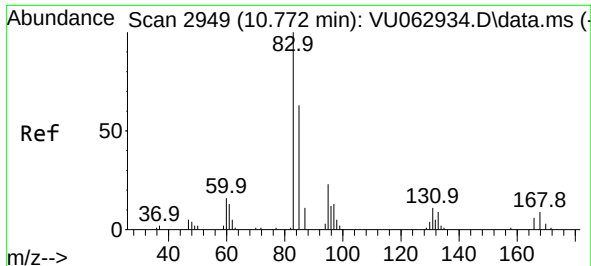
Tgt Ion:106 Resp: 50439
Ion Ratio Lower Upper
106 100
91 234.0 160.4 297.8



#55
Styrene
Concen: 4.909 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion:104 Resp: 87613
Ion Ratio Lower Upper
104 100
78 48.8 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.601 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU062951.D

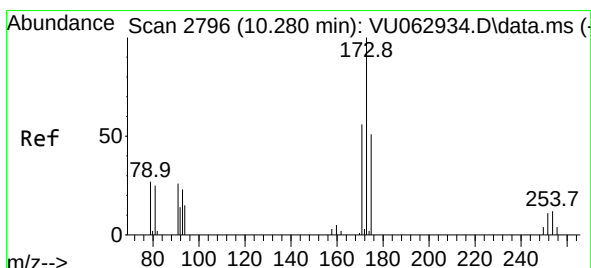
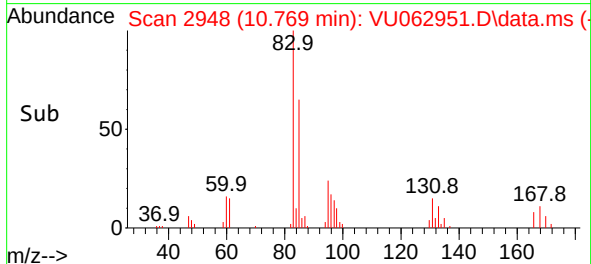
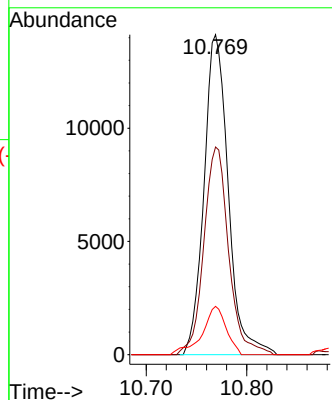
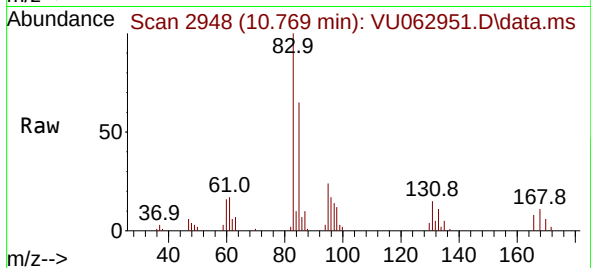
Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23685
Ion Ratio	Lower Upper
83 100	
85 64.9	43.0 79.8
131 15.1	7.4 11.0#



#59

Bromoform

Concen: 4.841 ug/L

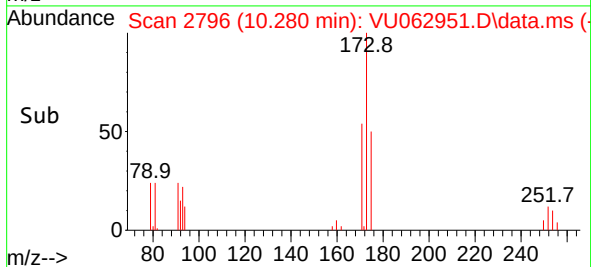
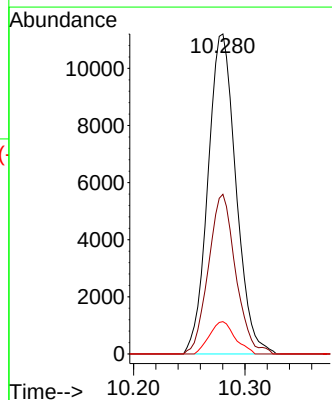
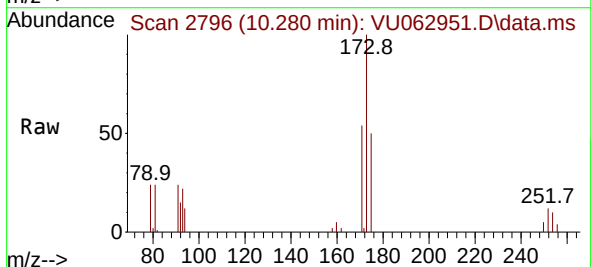
RT: 10.280 min Scan# 2796

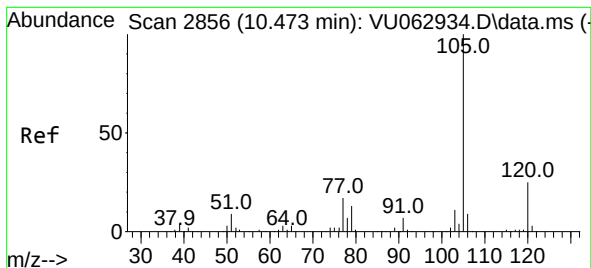
Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Tgt Ion: 173	Resp: 19560
Ion Ratio	Lower Upper
173 100	
175 48.5	39.8 59.8
254 9.2	8.6 12.8





#60

Isopropylbenzene

Concen: 4.530 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

ClientSampleId :

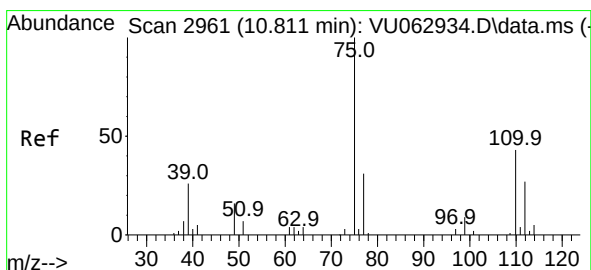
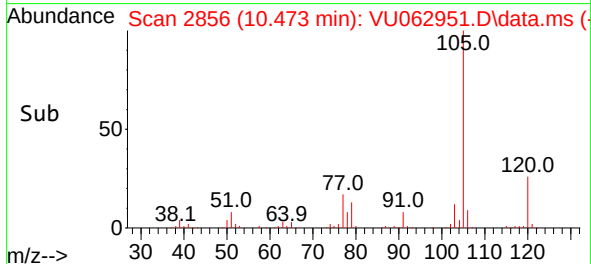
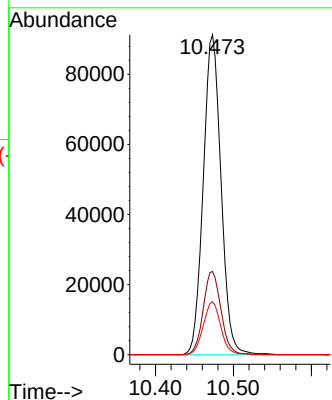
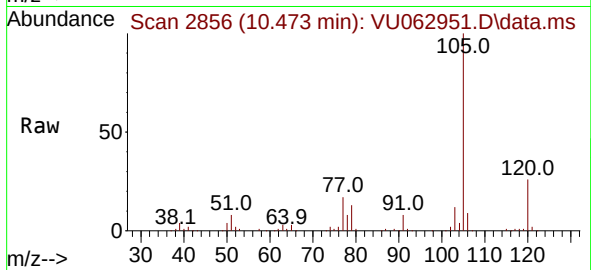
Tgt Ion:105 Resp: 144608

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.2

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.550 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

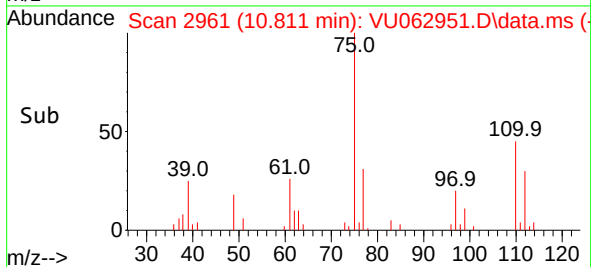
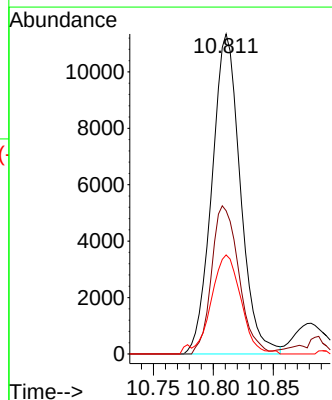
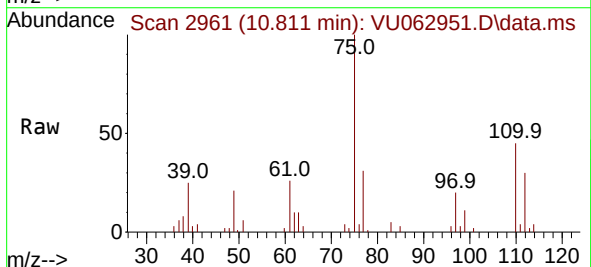
Tgt Ion: 75 Resp: 18695

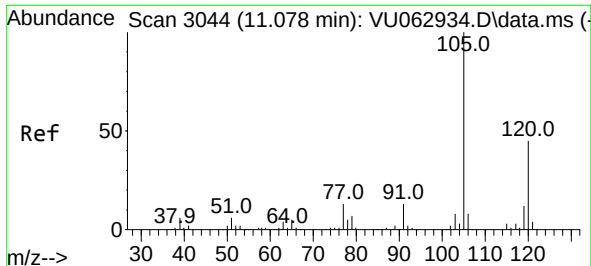
Ion Ratio Lower Upper

75 100

110 44.5 33.2 49.8

77 32.6 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.743 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

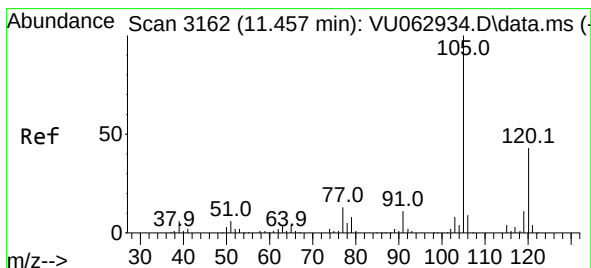
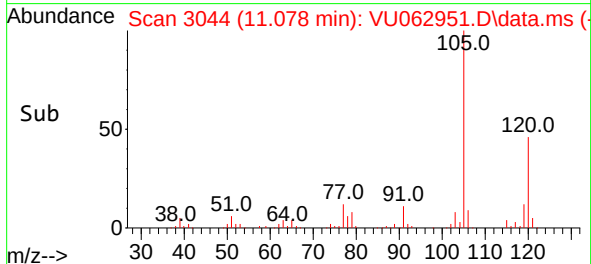
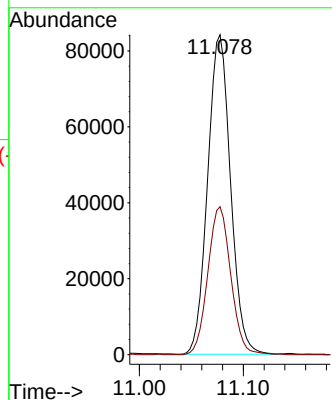
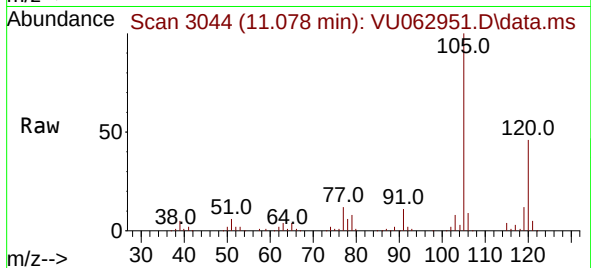
ClientSampleId :

Tgt Ion:105 Resp: 128694

Ion Ratio Lower Upper

105 100

120 46.5 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.922 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU062951.D

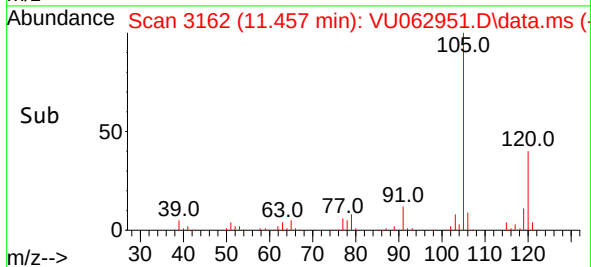
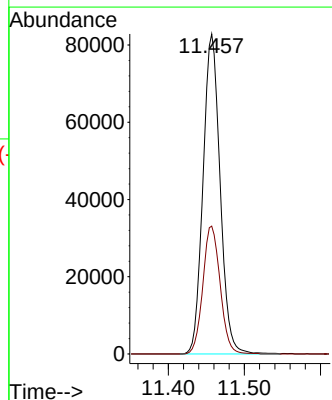
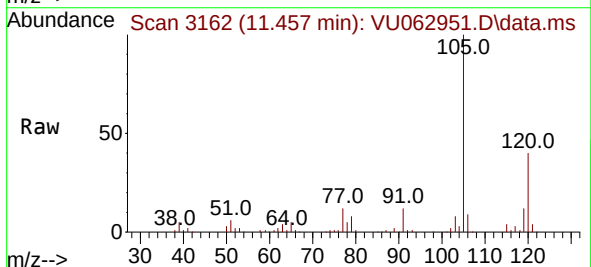
Acq: 21 Jan 2025 19:02

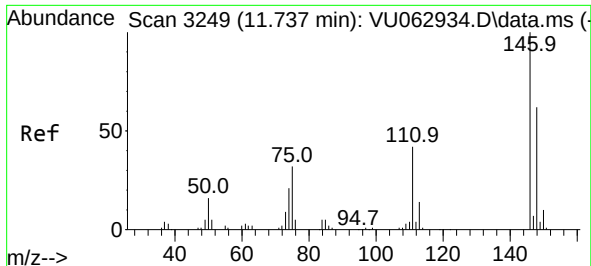
Tgt Ion:105 Resp: 129178

Ion Ratio Lower Upper

105 100

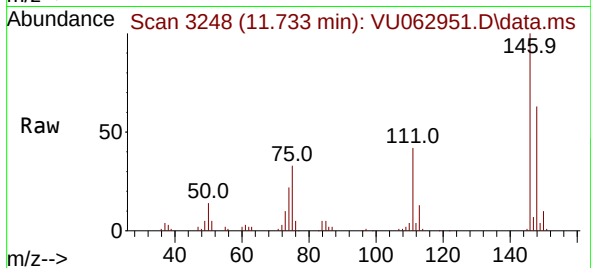
120 40.4 34.2 51.2



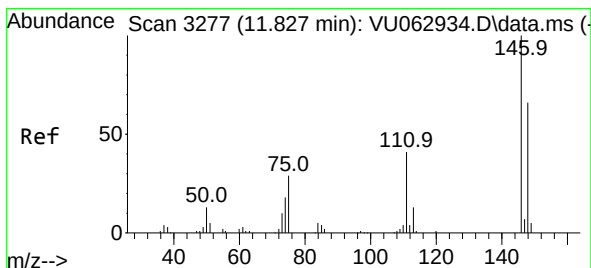
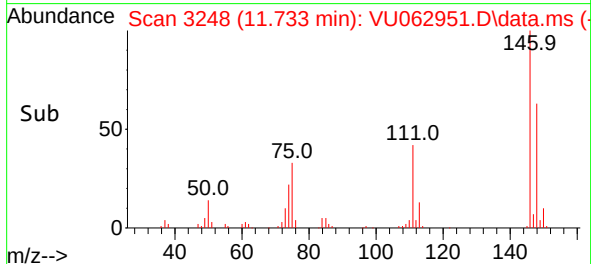
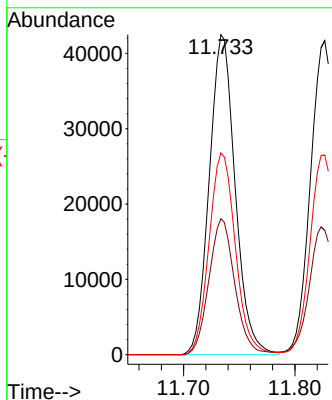


#64
1,3-Dichlorobenzene
Concen: 4.640 ug/L
RT: 11.733 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Instrument :
MSVOA_U
ClientSampleId :

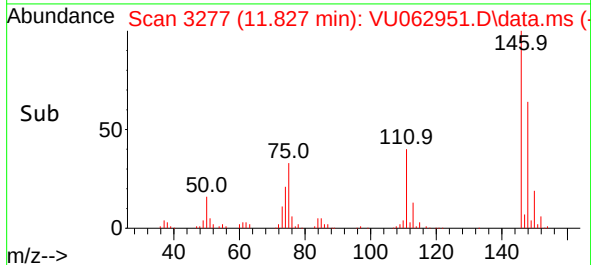
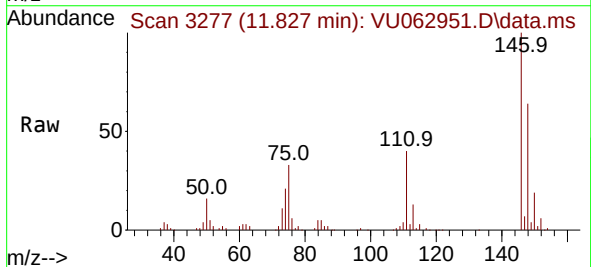
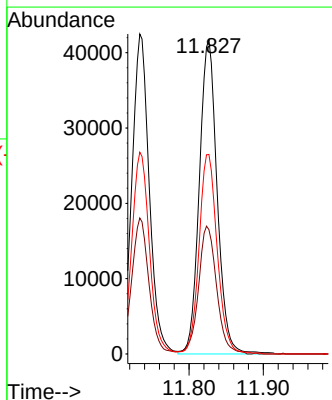


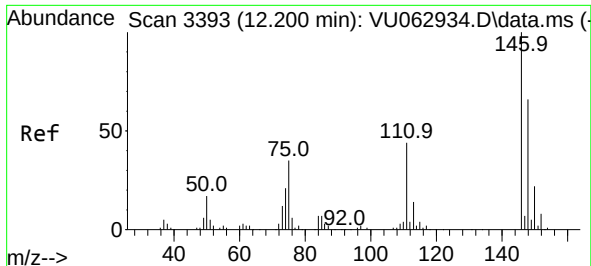
Tgt Ion:146 Resp: 68663
Ion Ratio Lower Upper
146 100
111 42.5 28.6 53.0
148 63.0 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.664 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

Tgt Ion:146 Resp: 69595
Ion Ratio Lower Upper
146 100
111 39.6 29.5 54.9
148 63.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.642 ug/L

RT: 12.200 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

Instrument :

MSVOA_U

ClientSampleId :

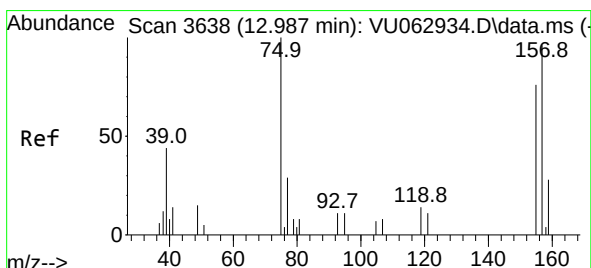
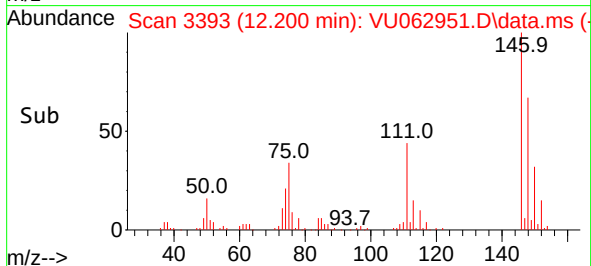
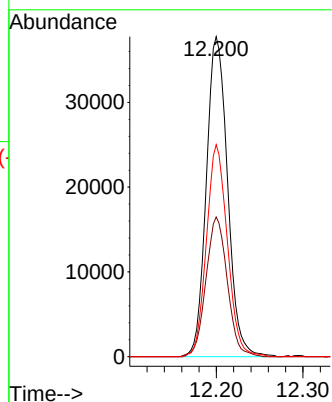
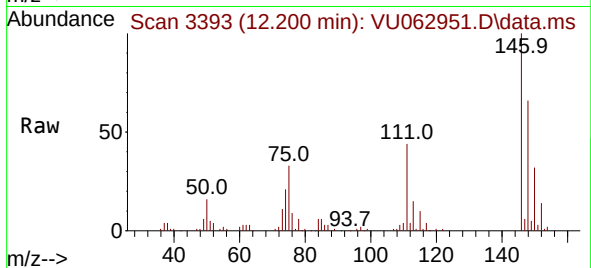
Tgt Ion:146 Resp: 64389

Ion Ratio Lower Upper

146 100

111 43.7 36.3 54.5

148 66.3 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.064 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062951.D

Acq: 21 Jan 2025 19:02

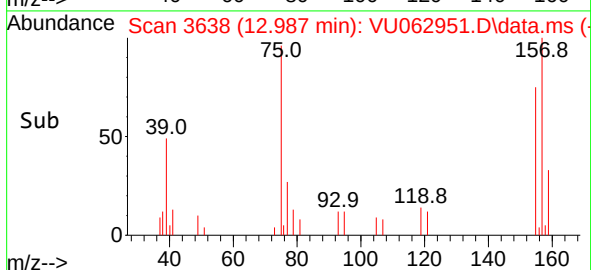
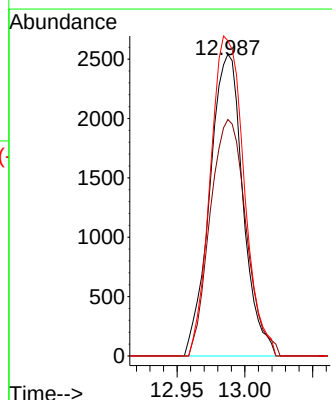
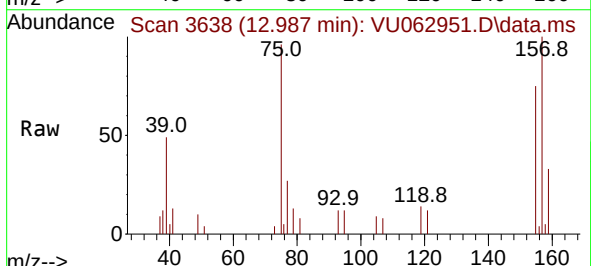
Tgt Ion: 75 Resp: 4325

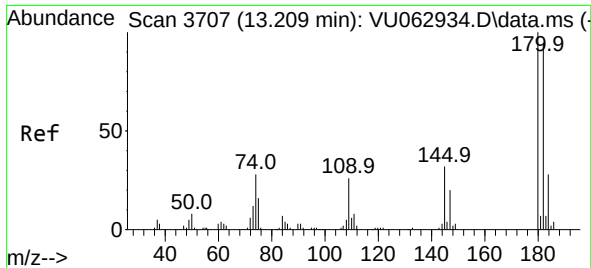
Ion Ratio Lower Upper

75 100

155 78.3 59.6 89.4

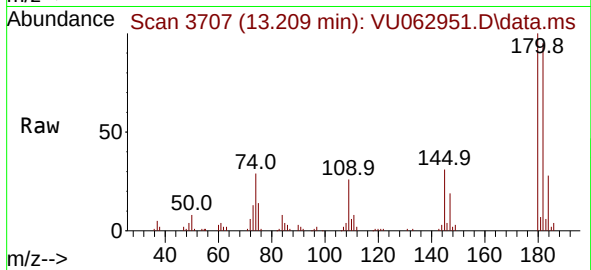
157 104.4 70.8 106.2



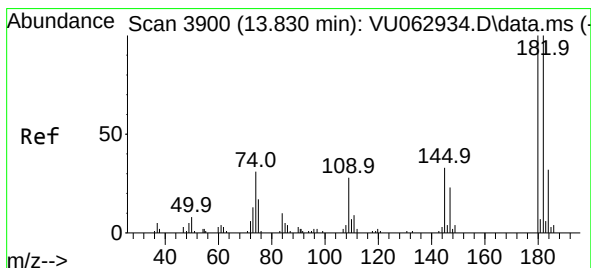
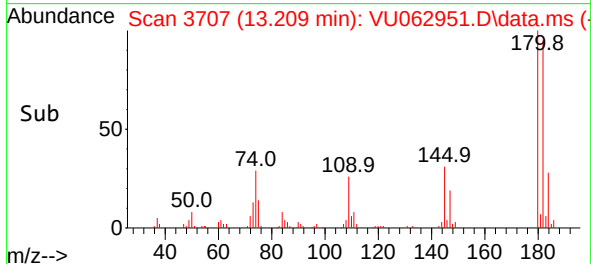
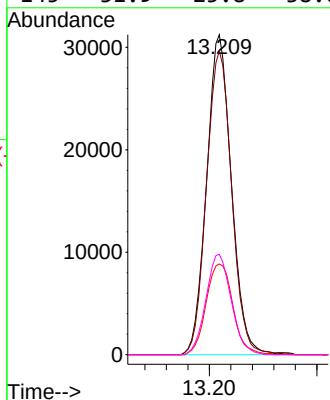


#69
 1,3,5-Trichlorobenzene
 Concen: 4.489 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU062951.D
 Acq: 21 Jan 2025 19:02

Instrument :
 MSVOA_U
 ClientSampleId :

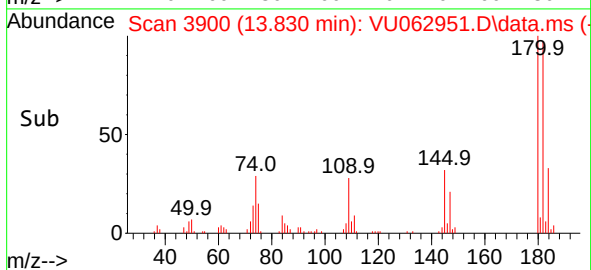
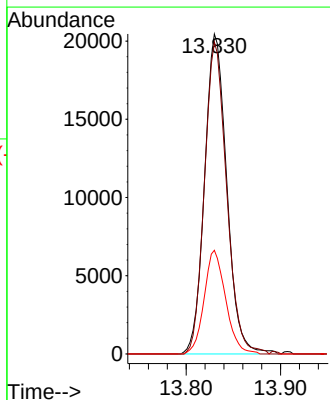
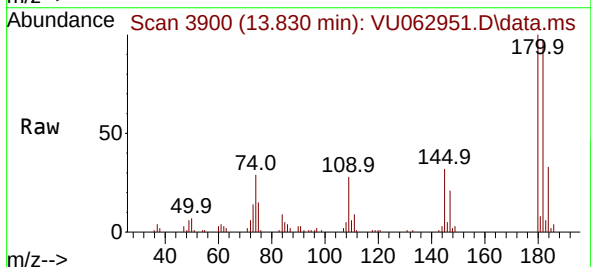


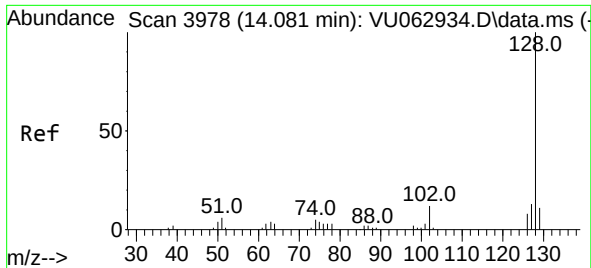
Tgt Ion:180 Resp: 50036
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.8 113.8
 184 30.6 24.7 37.1
 145 31.9 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 3.721 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. 0.000 min
 Lab File: VU062951.D
 Acq: 21 Jan 2025 19:02

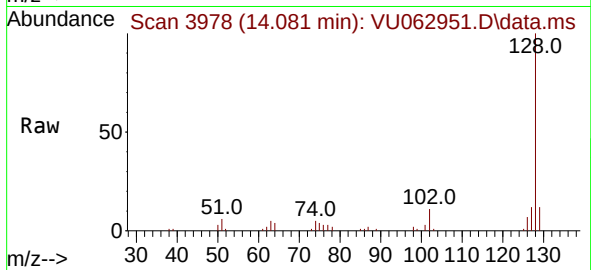
Tgt Ion:180 Resp: 33399
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.1 115.7
 145 31.3 26.9 40.3



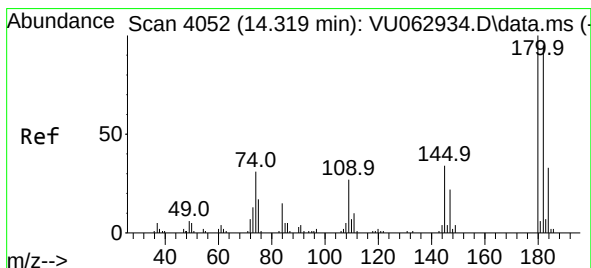
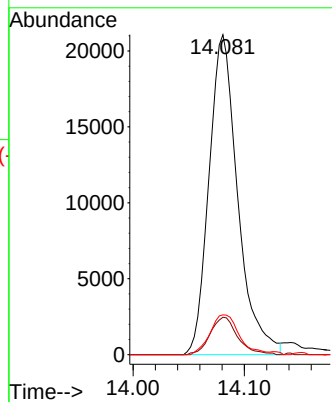
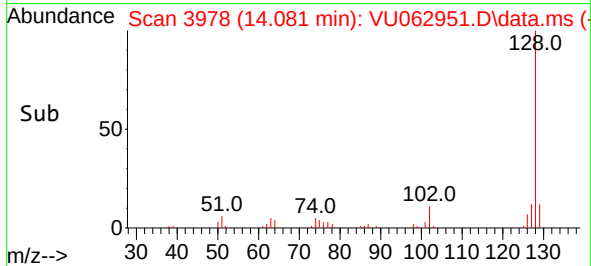


#71
Naphthalene
Concen: 2.877 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02

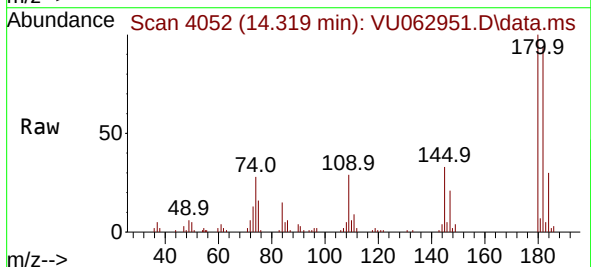
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 37795
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.005 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU062951.D
Acq: 21 Jan 2025 19:02



Tgt Ion:180 Resp: 31338
Ion Ratio Lower Upper
180 100
182 95.3 79.8 119.6
145 34.3 29.2 43.8

