

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062830.D
 Acq On : 16 Jan 2025 19:23
 Operator : MD/SY
 Sample : Q1072-04MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 22:09:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	95897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	91312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20740	3.905	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.901	69	17301	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.554	65	10890	3.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.605	46	49770	45.850	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.700%
24) Chloroform-d	5.049	84	58078	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.689	65	32848	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.714	84	96955	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.679	67	27106	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.888	98	93376	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.171	79	13449	4.360	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.621	63	42091	43.383	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	23635	4.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	36485	4.572	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	43567	4.769	ug/L	98
3) Chloromethane	1.518	50	24718	4.032	ug/L	98
5) Vinyl chloride	1.599	62	29111	4.217	ug/L	95
6) Bromomethane	1.843	94	11167	2.223	ug/L	90
8) Chloroethane	1.924	64	18944	4.567	ug/L	99
9) Trichlorofluoromethane	2.129	101	69061	4.959	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31939	4.747	ug/L	99
12) 1,1-Dichloroethene	2.570	96	29094	4.887	ug/L	89
13) Acetone	2.612	43	41762	48.566	ug/L	98
14) Carbon disulfide	2.782	76	80470	4.232	ug/L	98
15) Methyl Acetate	2.940	43	8376	4.499	ug/L	98
16) Methylene chloride	3.033	84	30782	4.720	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	81371	4.973	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	31158	4.885	ug/L	93
19) 1,1-Dichloroethane	3.853	63	56318	4.939	ug/L	98
21) 2-Butanone	4.682	43	58974	51.496	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	36680	5.281	ug/L	95
23) Bromochloromethane	4.962	128	16808	5.126	ug/L	92
25) Chloroform	5.071	83	68151	4.856	ug/L	99

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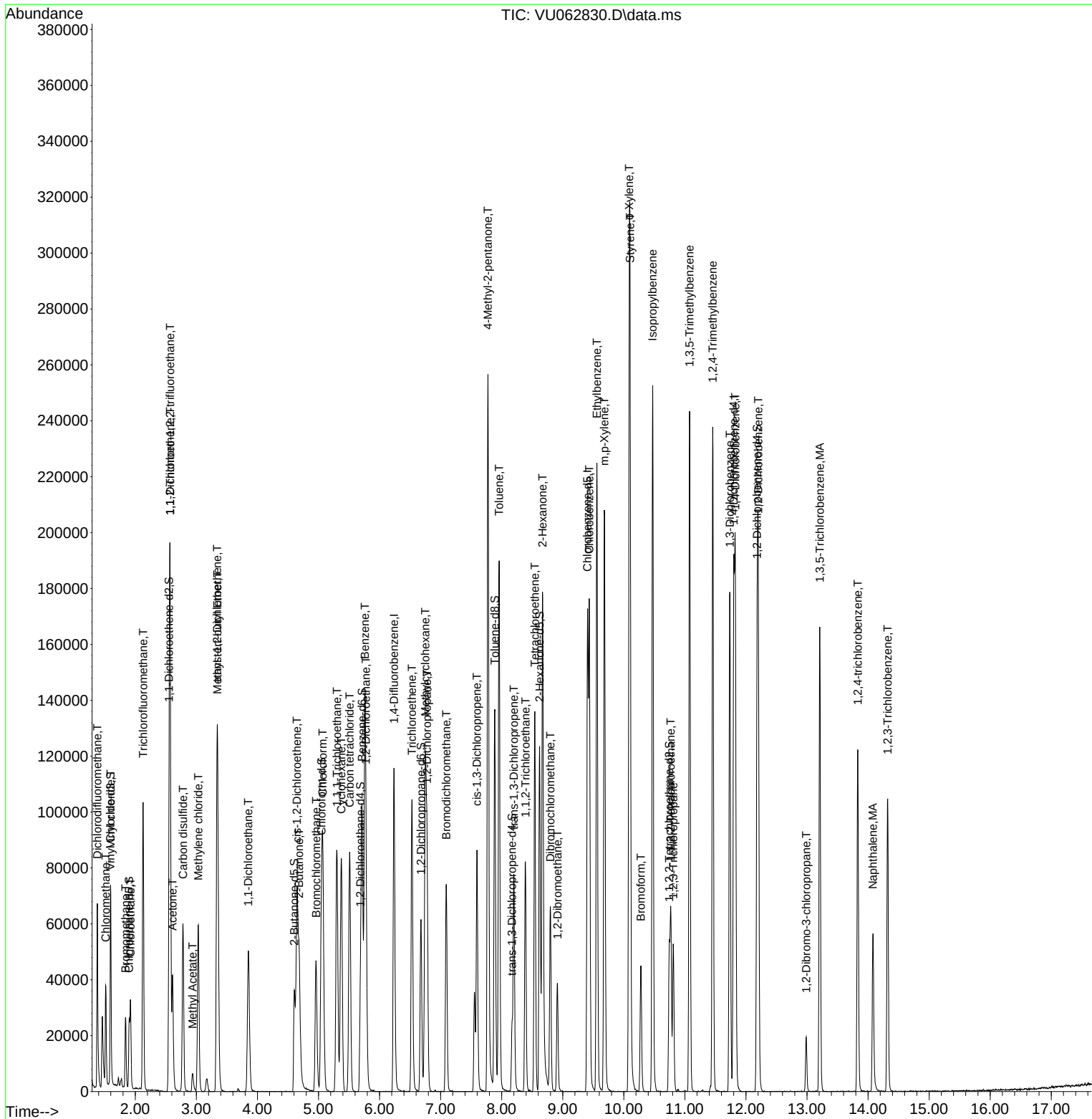
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 ClientSampleId :

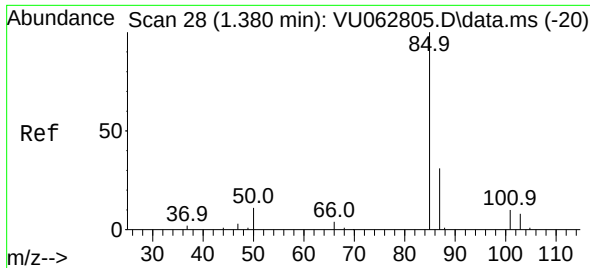
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	46279	5.043	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	68541	4.949	ug/L	98
30) Cyclohexane	5.374	56	39705	4.390	ug/L	95
31) Carbon tetrachloride	5.512	117	61945	4.866	ug/L	99
33) Benzene	5.759	78	123978	4.726	ug/L	100
34) Trichloroethene	6.531	95	36239	4.044	ug/L	96
35) Methylcyclohexane	6.750	83	47561	4.313	ug/L	99
37) 1,2-Dichloropropane	6.779	63	29201	4.718	ug/L	100
38) Bromodichloromethane	7.094	83	49492	4.973	ug/L	95
39) cis-1,3-Dichloropropene	7.595	75	50461	4.789	ug/L	96
40) 4-Methyl-2-pentanone	7.775	43	142655	49.345	ug/L	98
42) Toluene	7.959	91	141193	4.912	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	44590	4.909	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	24678	4.910	ug/L	99
47) Tetrachloroethene	8.544	164	29272	4.742	ug/L	97
48) 2-Hexanone	8.669	43	103736	49.912	ug/L	96
49) Dibromochloromethane	8.798	129	34251	5.075	ug/L	99
50) 1,2-Dibromoethane	8.914	107	25059	5.211	ug/L	99
51) Chlorobenzene	9.434	112	91457	4.865	ug/L	98
52) Ethylbenzene	9.560	91	159768	4.897	ug/L	96
53) m,p-Xylene	9.682	106	58562	4.800	ug/L	98
54) o-Xylene	10.090	106	58066	4.969	ug/L	99
55) Styrene	10.103	104	97910	5.009	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.769	83	28639	5.079	ug/L #	96
59) Bromoform	10.280	173	21622	5.167	ug/L	99
60) Isopropylbenzene	10.473	105	162827	4.926	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	20795	4.887	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	135864	4.835	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	134106	4.934	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	74256	4.845	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	74489	4.820	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	71331	4.966	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5401	4.900	ug/L	87
69) 1,3,5-Trichlorobenzene	13.209	180	52783	4.573	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	38833	4.177	ug/L	99
71) Naphthalene	14.081	128	51662	3.798	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	33082	4.082	ug/L	97

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

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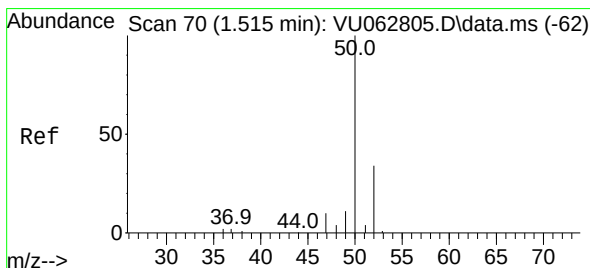
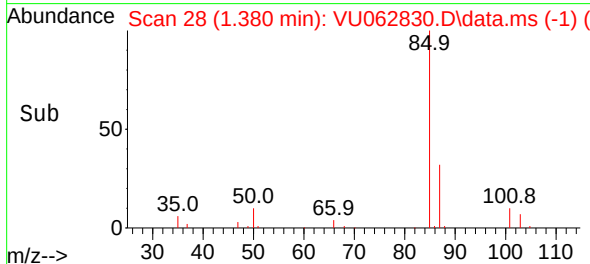
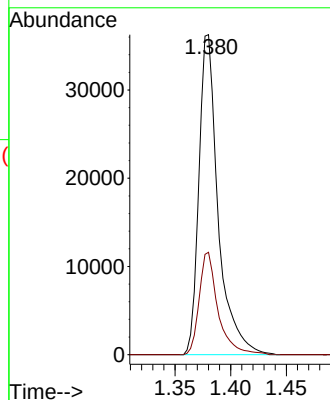
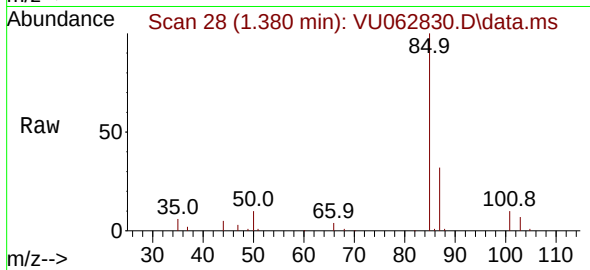




#2
Dichlorodifluoromethane
Concen: 4.769 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

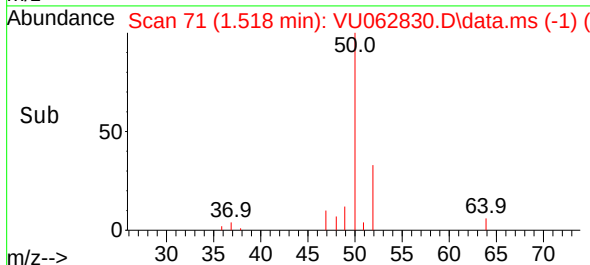
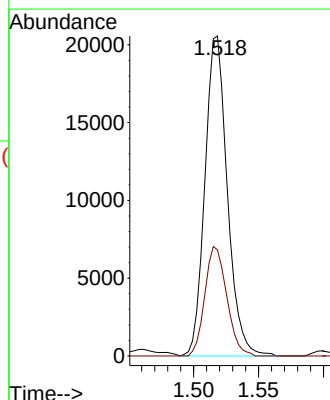
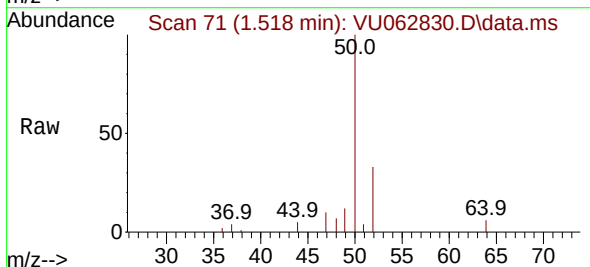
Instrument :
MSVOA_U
ClientSampleId :

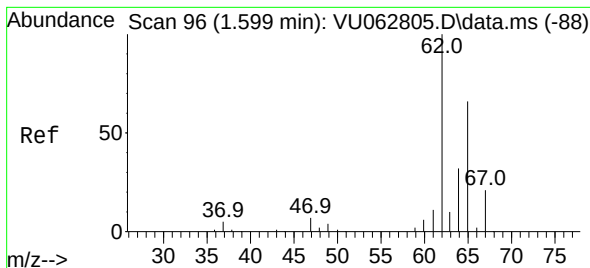
Tgt Ion: 85 Resp: 43567
Ion Ratio Lower Upper
85 100
87 31.3 26.1 39.1



#3
Chloromethane
Concen: 4.032 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion: 50 Resp: 24718
Ion Ratio Lower Upper
50 100
52 33.1 24.1 44.7





#5

Vinyl chloride

Concen: 4.217 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

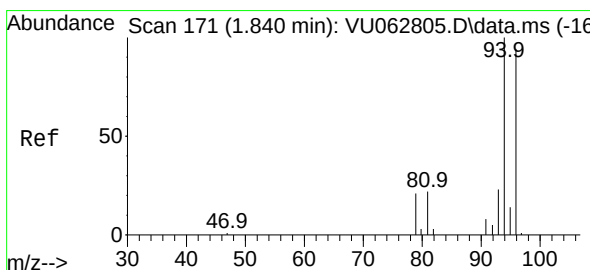
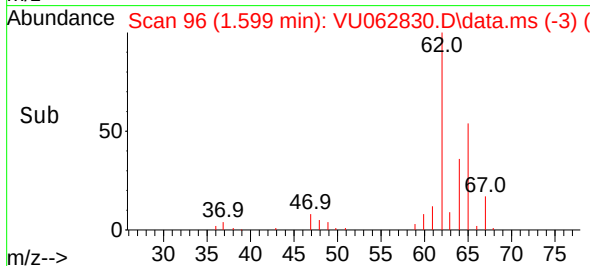
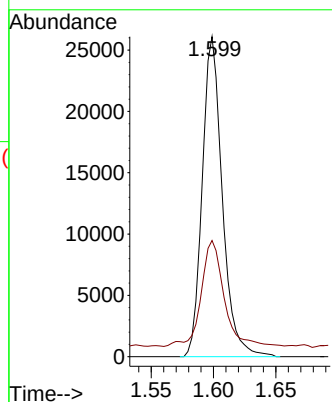
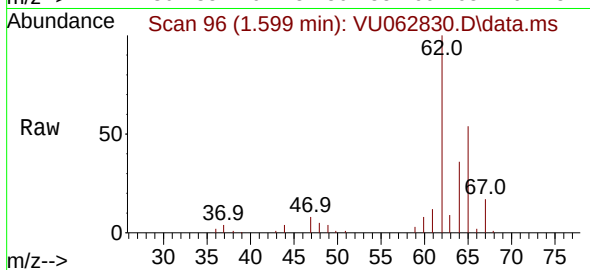
ClientSampleId :

Tgt Ion: 62 Resp: 29111

Ion Ratio Lower Upper

62 100

64 36.3 23.4 43.4



#6

Bromomethane

Concen: 2.223 ug/L

RT: 1.843 min Scan# 172

Delta R.T. 0.003 min

Lab File: VU062830.D

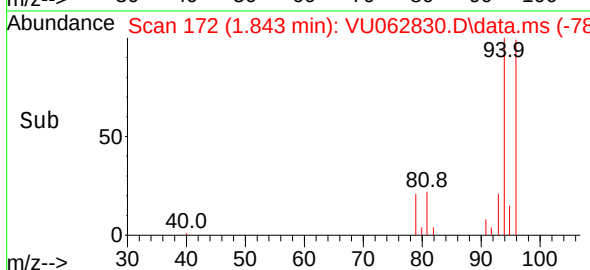
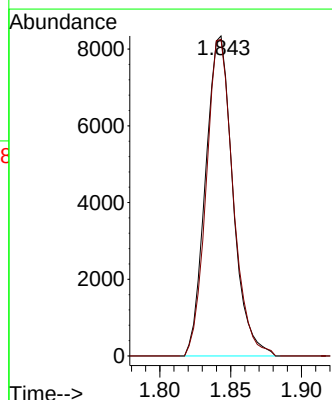
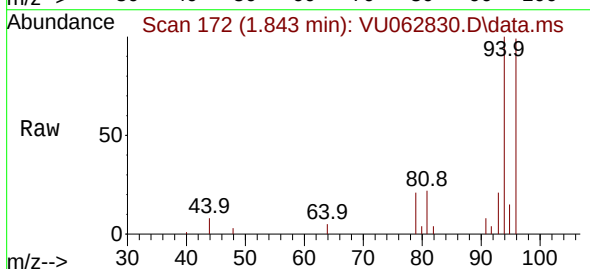
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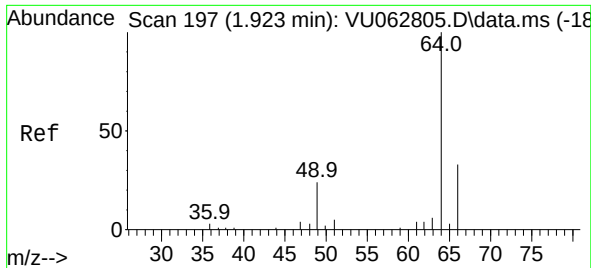
Tgt Ion: 94 Resp: 11167

Ion Ratio Lower Upper

94 100

96 99.0 62.9 116.7

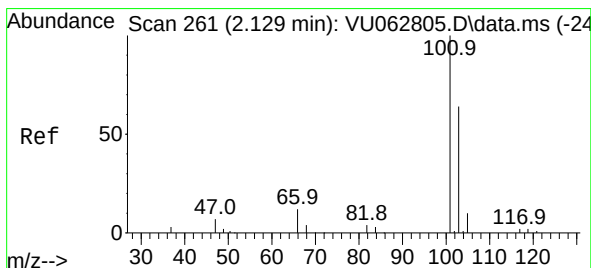
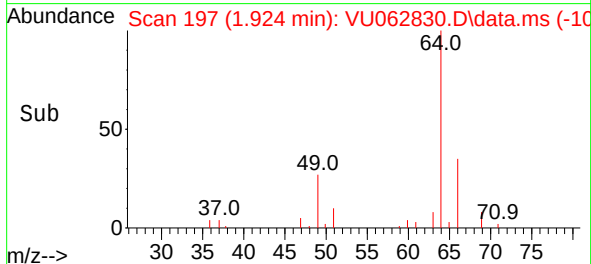
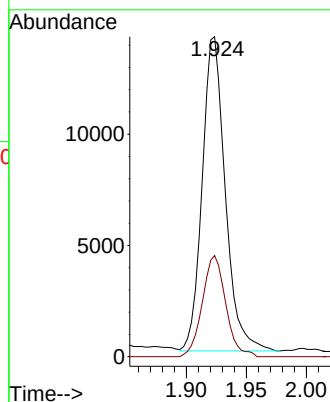
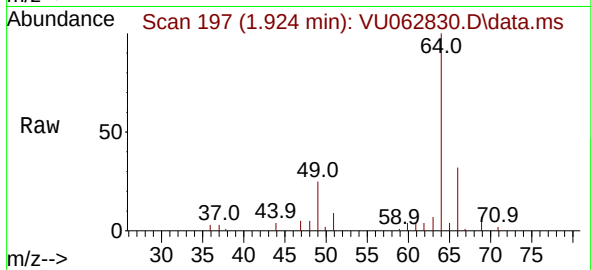




#8
Chloroethane
Concen: 4.567 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

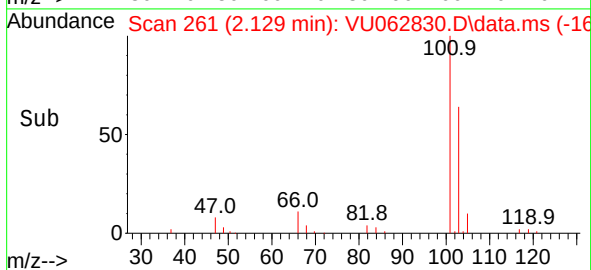
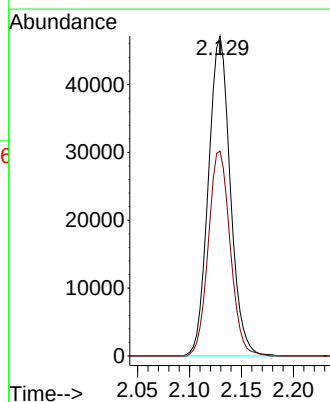
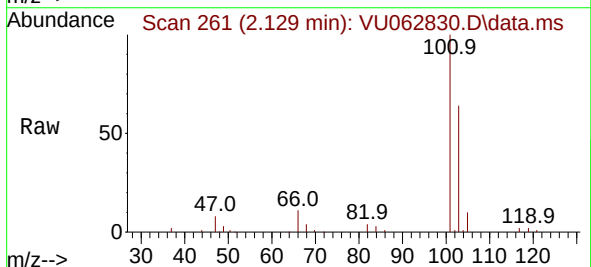
Instrument :
MSVOA_U
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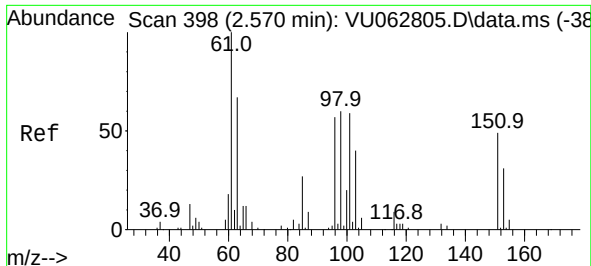
Tgt Ion: 64 Resp: 18944
Ion Ratio Lower Upper
64 100
66 31.6 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.959 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion:101 Resp: 69061
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

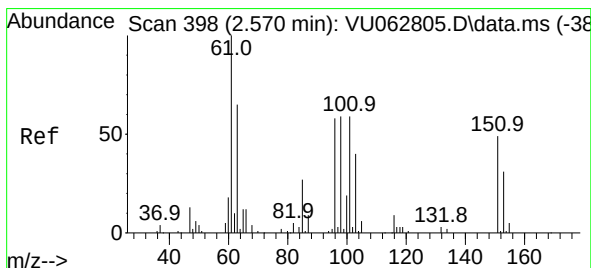
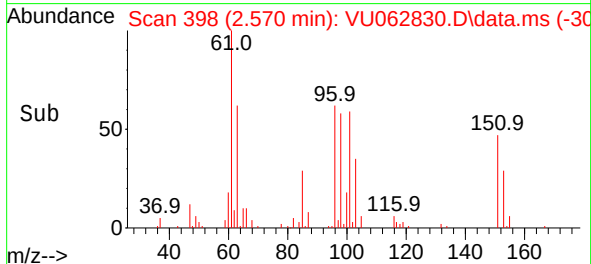
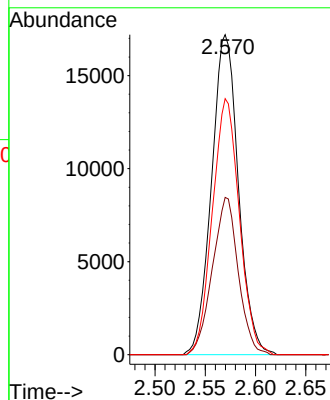
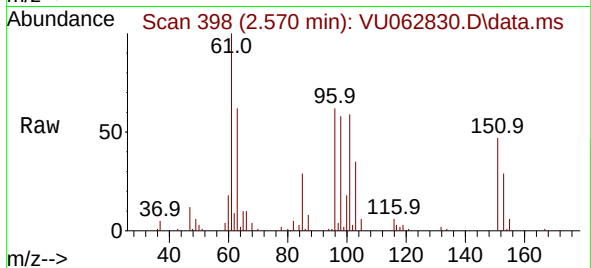




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.747 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062830.D
 Acq: 16 Jan 2025 19:23

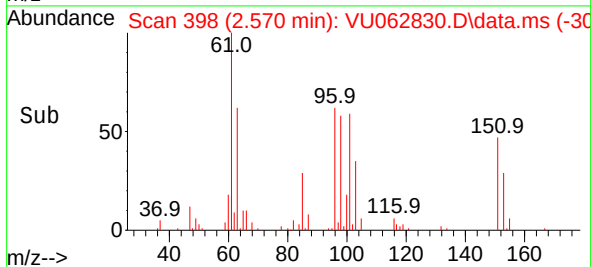
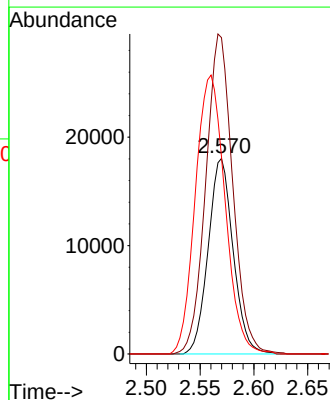
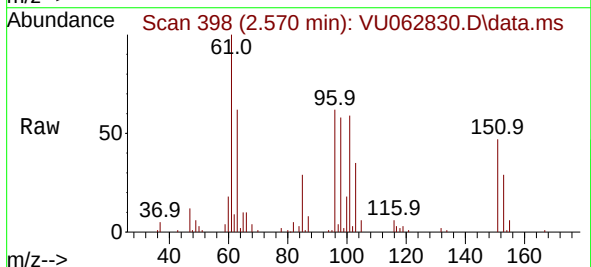
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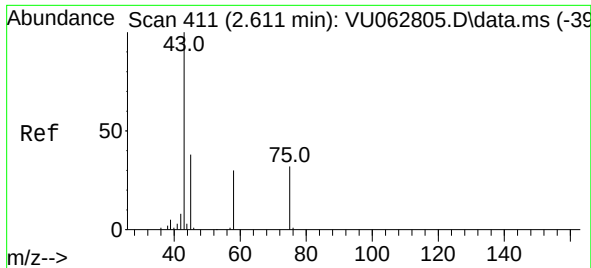
Tgt Ion:101 Resp: 31939
 Ion Ratio Lower Upper
 101 100
 85 47.4 37.0 55.6
 151 80.3 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.887 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062830.D
 Acq: 16 Jan 2025 19:23

Tgt Ion: 96 Resp: 29094
 Ion Ratio Lower Upper
 96 100
 61 161.8 120.4 223.6
 63 101.0 82.3 152.9





#13

Acetone

Concen: 48.566 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

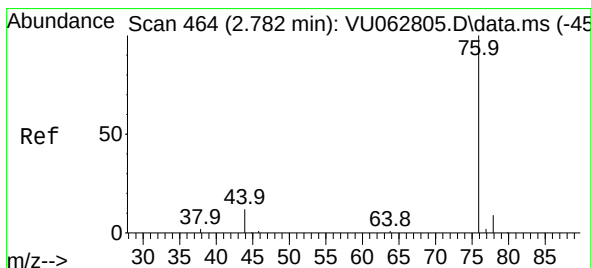
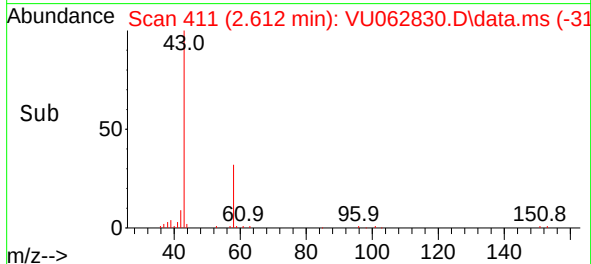
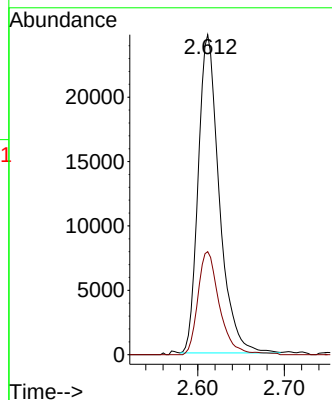
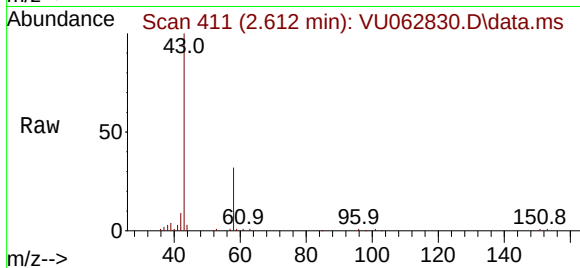
ClientSampleId :

Tgt Ion: 43 Resp: 41762

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.4



#14

Carbon disulfide

Concen: 4.232 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU062830.D

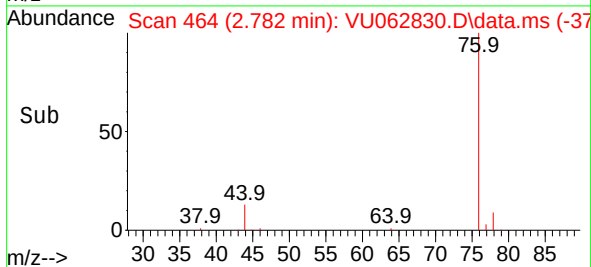
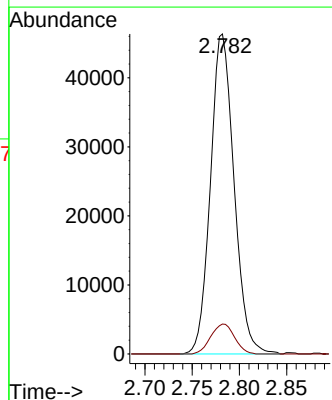
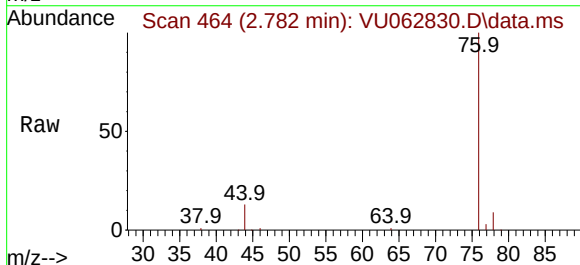
Acq: 16 Jan 2025 19:23

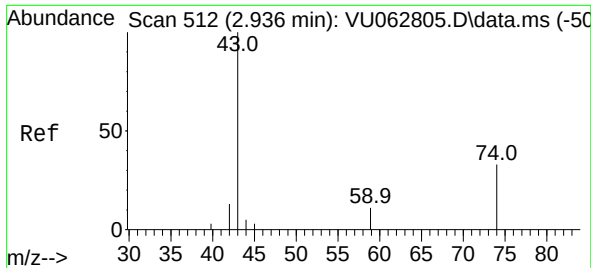
Tgt Ion: 76 Resp: 80470

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

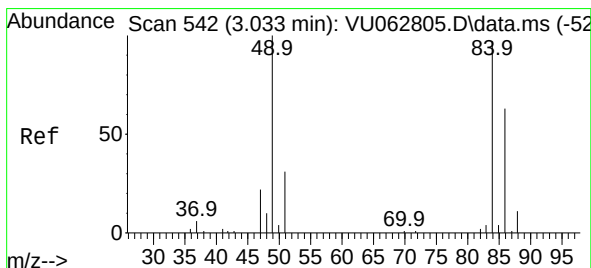
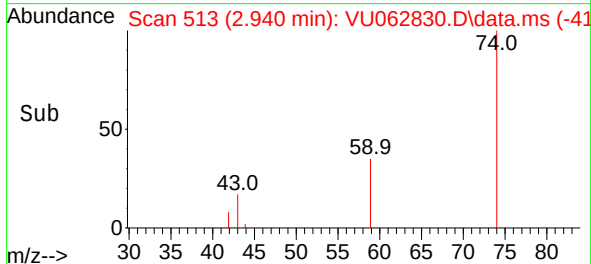
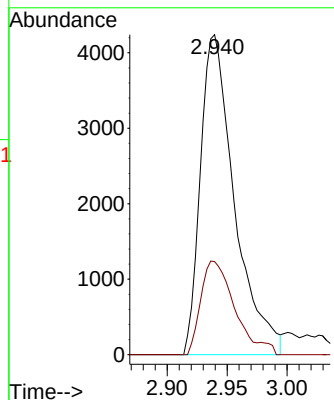
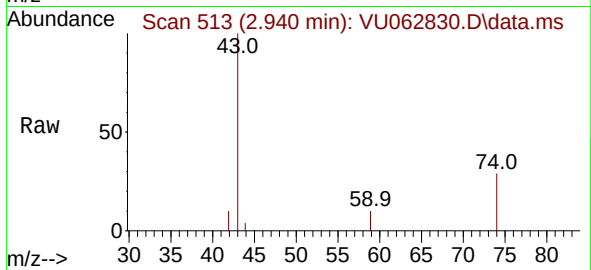




#15
Methyl Acetate
Concen: 4.499 ug/L
RT: 2.940 min Scan# 512
Delta R.T. 0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

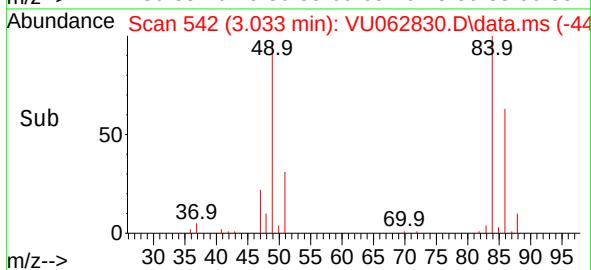
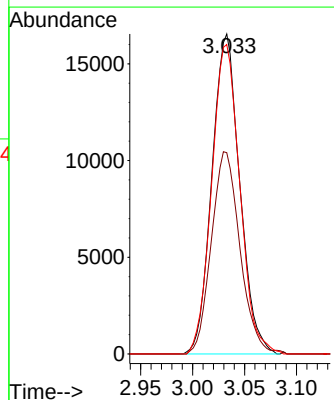
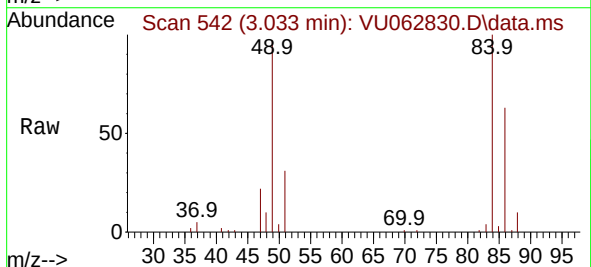
Instrument :
MSVOA_U
ClientSampleId :

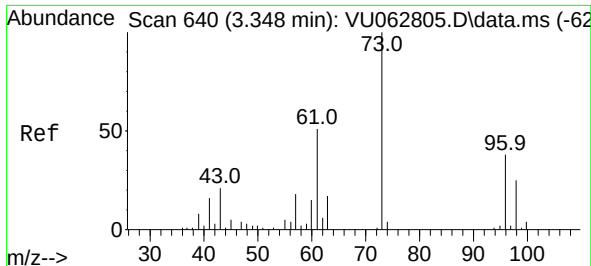
Tgt Ion: 43 Resp: 8376
Ion Ratio Lower Upper
43 100
74 29.3 24.4 36.6



#16
Methylene chloride
Concen: 4.720 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion: 84 Resp: 30782
Ion Ratio Lower Upper
84 100
86 62.9 44.7 83.1
49 96.7 68.3 126.9

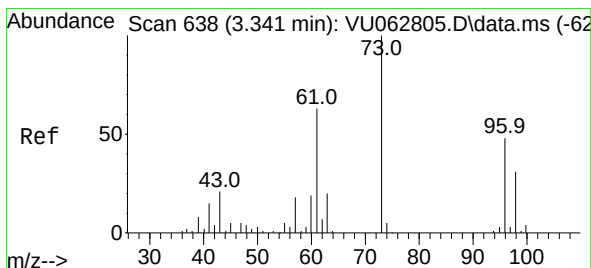
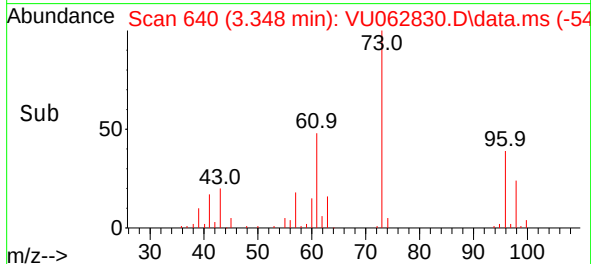
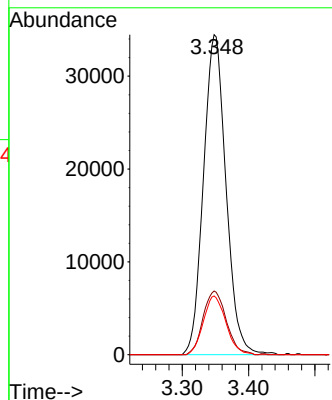
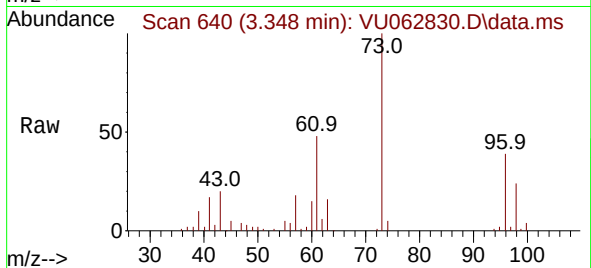




#17
Methyl tert-butyl Ether
Concen: 4.973 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

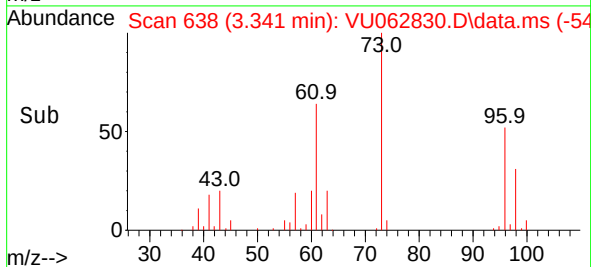
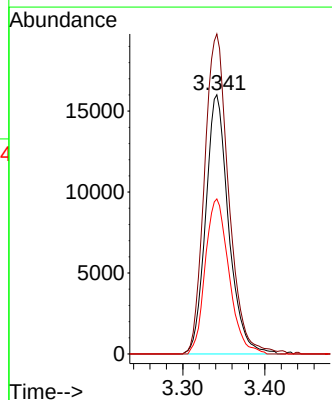
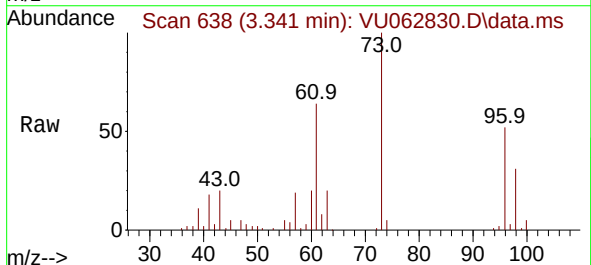
Instrument :
MSVOA_U
ClientSampleId :

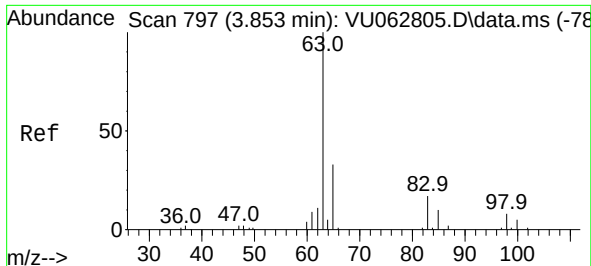
Tgt Ion: 73	Resp: 81371
Ion Ratio	Lower Upper
73	100
43	20.5 16.2 24.4
57	18.4 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 4.885 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion: 96	Resp: 31158
Ion Ratio	Lower Upper
96	100
61	123.5 94.4 175.2
98	59.8 42.8 79.4

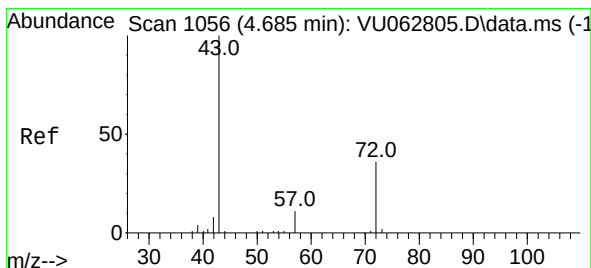
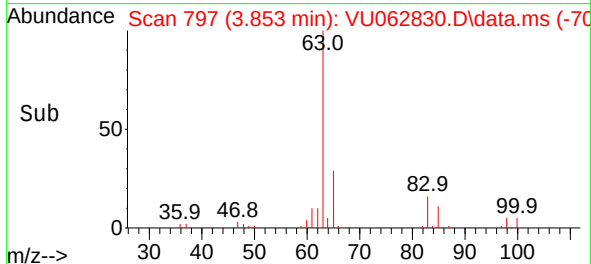
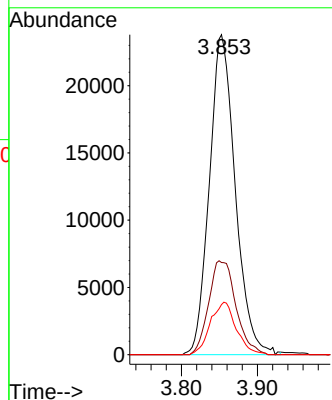
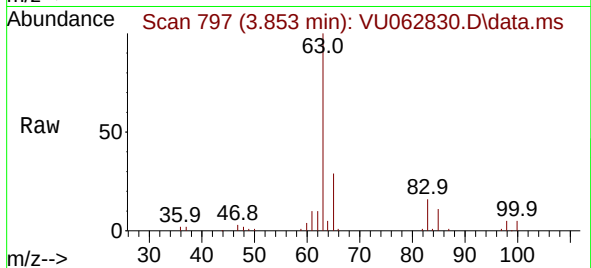




#19
1,1-Dichloroethane
Concen: 4.939 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

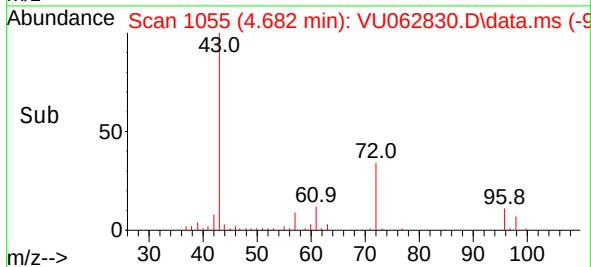
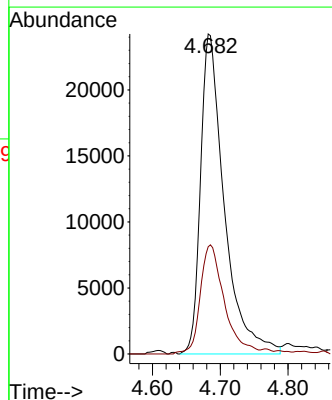
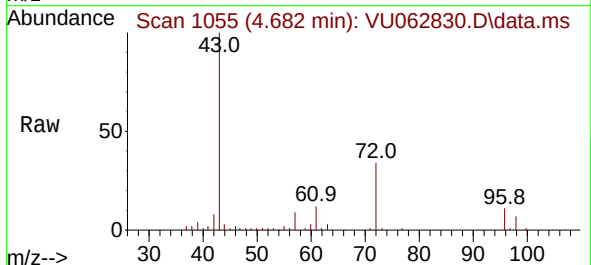
Instrument :
MSVOA_U
ClientSampleId :

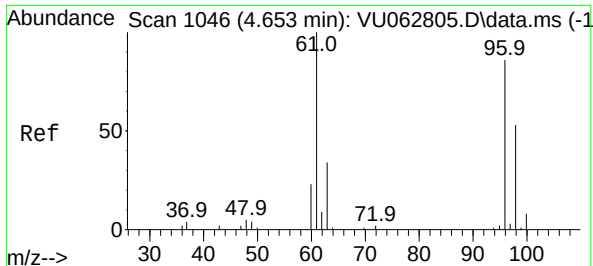
Tgt Ion: 63 Resp: 56318
Ion Ratio Lower Upper
63 100
65 28.8 20.7 38.5
83 15.7 10.5 19.5



#21
2-Butanone
Concen: 51.496 ug/L
RT: 4.682 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion: 43 Resp: 58974
Ion Ratio Lower Upper
43 100
72 34.5 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 5.281 ug/L

RT: 4.650 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

ClientSampleId :

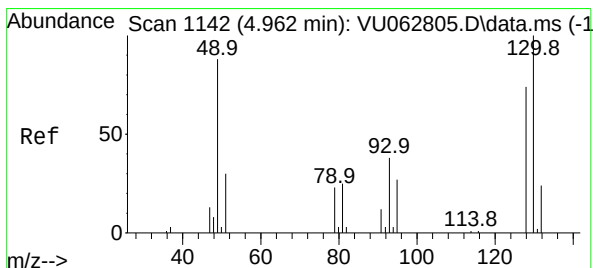
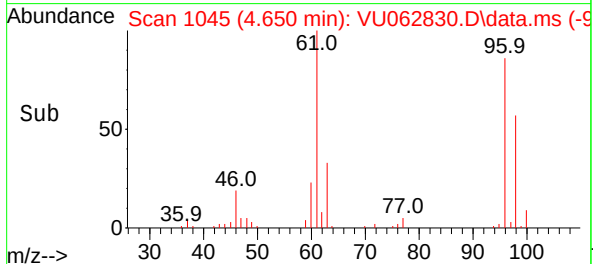
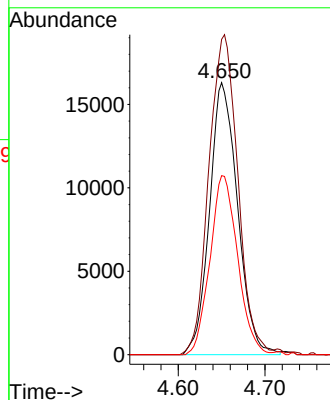
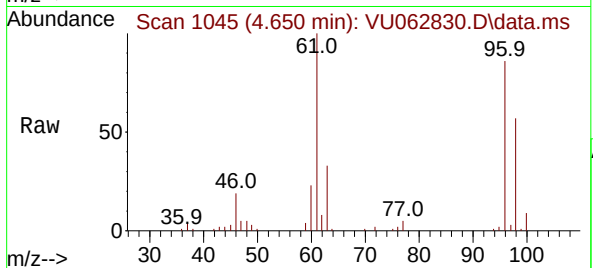
Tgt Ion: 96 Resp: 36680

Ion Ratio Lower Upper

96 100

61 115.9 84.8 157.6

98 65.8 43.1 80.1



#23

Bromochloromethane

Concen: 5.126 ug/L

RT: 4.962 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Tgt Ion: 128 Resp: 16808

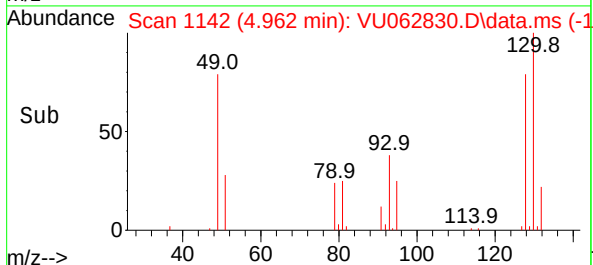
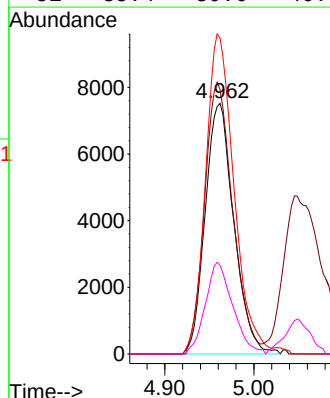
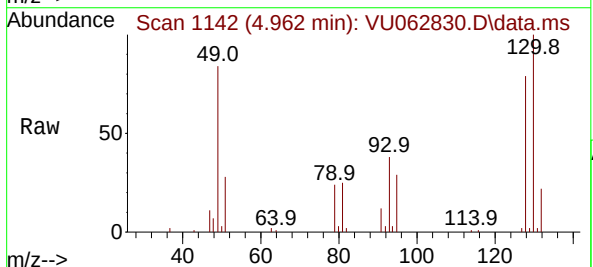
Ion Ratio Lower Upper

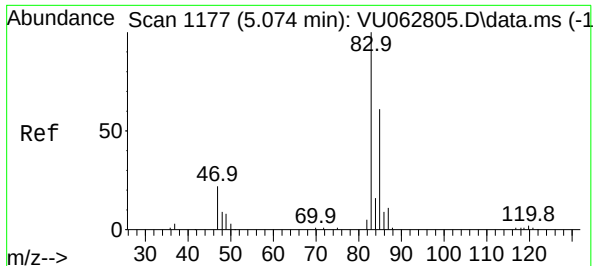
128 100

49 105.5 81.1 150.7

130 126.0 94.9 176.3

51 35.4 30.6 46.0





#25

Chloroform

Concen: 4.856 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

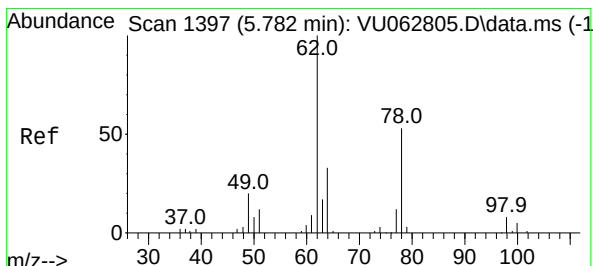
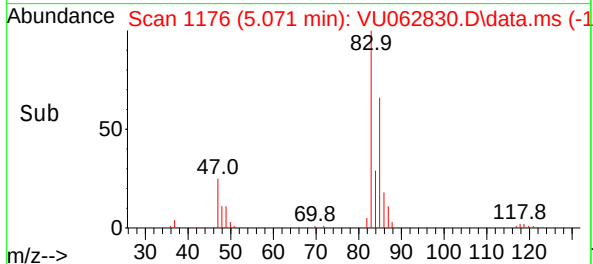
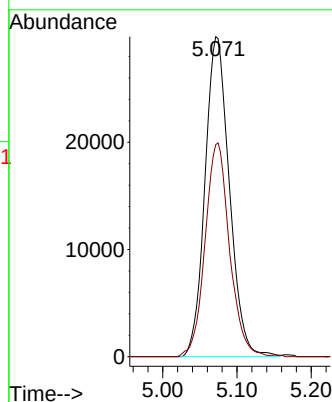
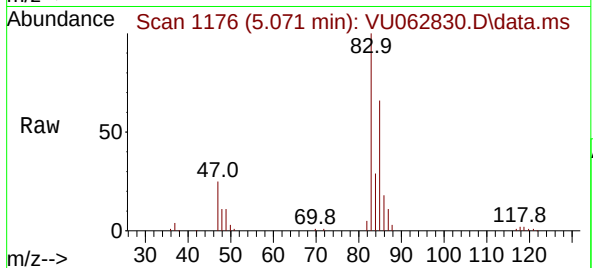
ClientSampleId :

Tgt Ion: 83 Resp: 68151

Ion Ratio Lower Upper

83 100

85 66.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.043 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU062830.D

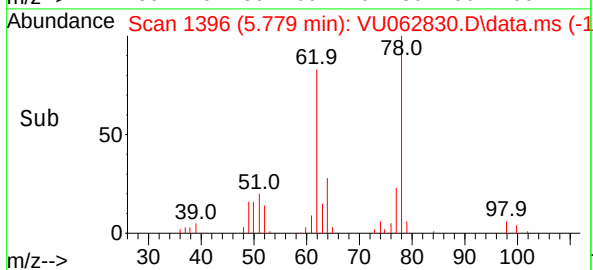
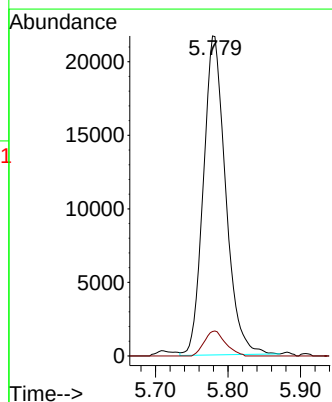
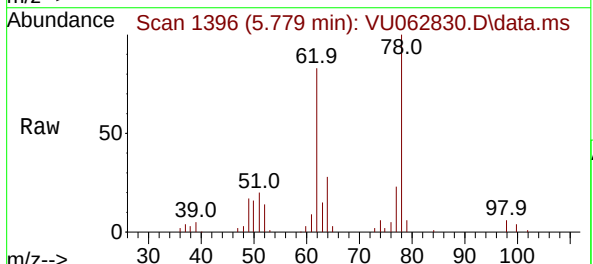
Acq: 16 Jan 2025 19:23

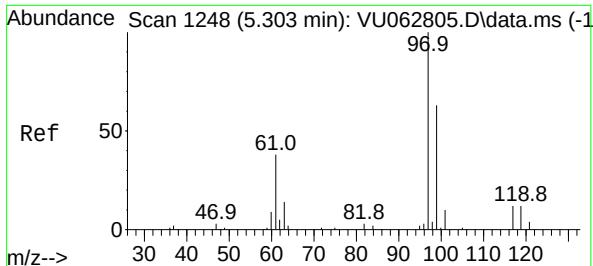
Tgt Ion: 62 Resp: 46279

Ion Ratio Lower Upper

62 100

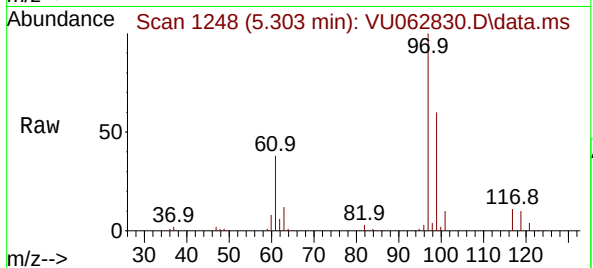
98 7.7 5.8 8.6



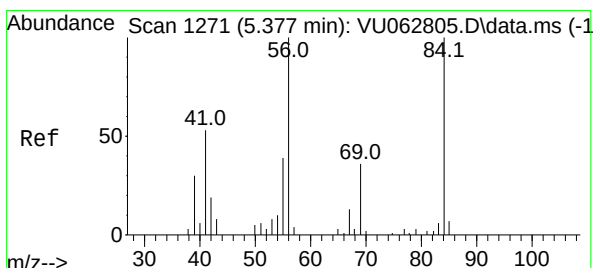
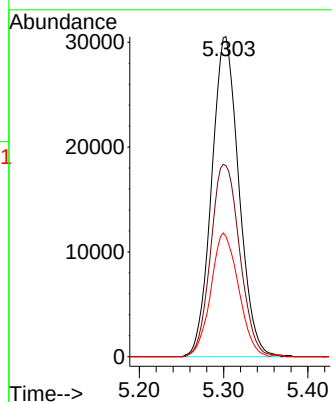
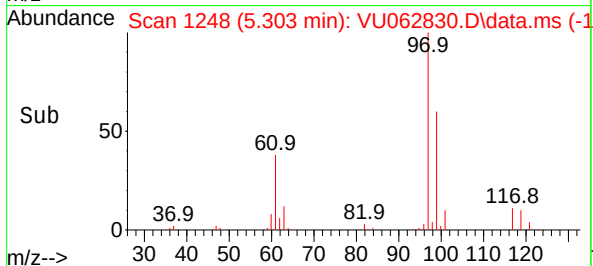


#29
1,1,1-Trichloroethane
Concen: 4.949 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Instrument :
MSVOA_U
ClientSampleId :

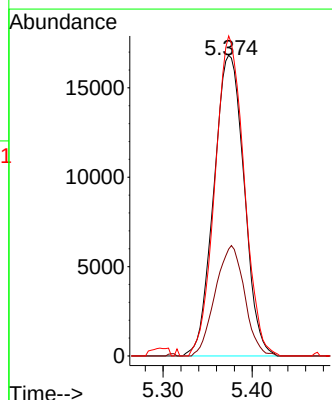
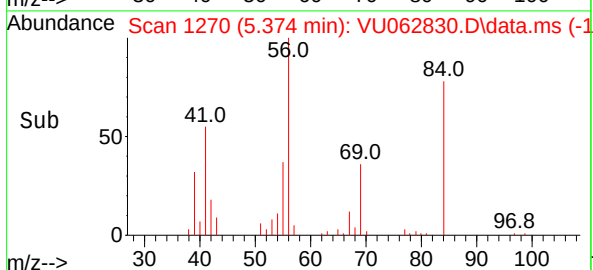
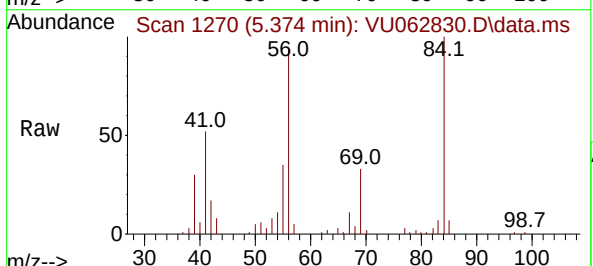


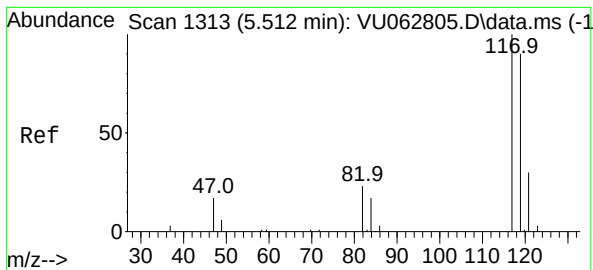
Tgt Ion: 97 Resp: 68541
Ion Ratio Lower Upper
97 100
99 63.9 52.4 78.6
61 39.3 32.2 48.4



#30
Cyclohexane
Concen: 4.390 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

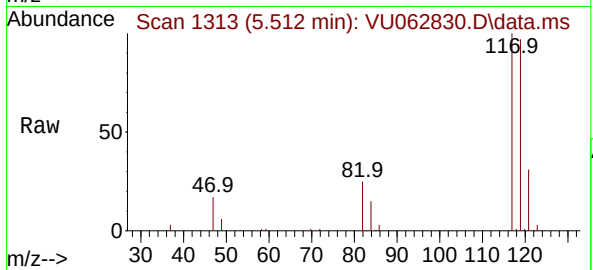
Tgt Ion: 56 Resp: 39705
Ion Ratio Lower Upper
56 100
69 35.5 28.3 42.5
84 102.2 76.5 114.7



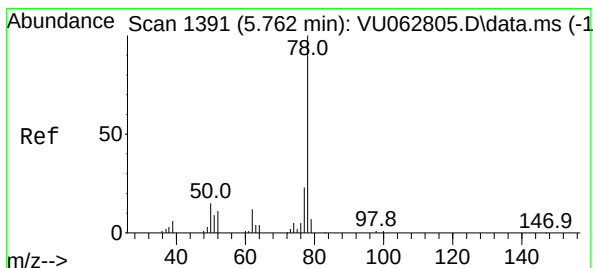
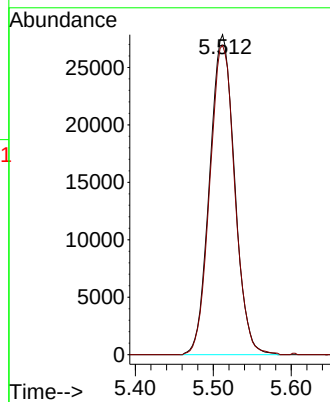
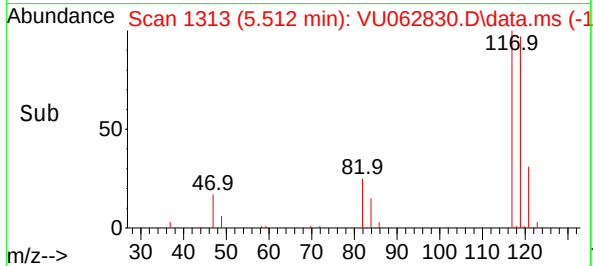


#31
Carbon tetrachloride
Concen: 4.866 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Instrument :
MSVOA_U
ClientSampleId :

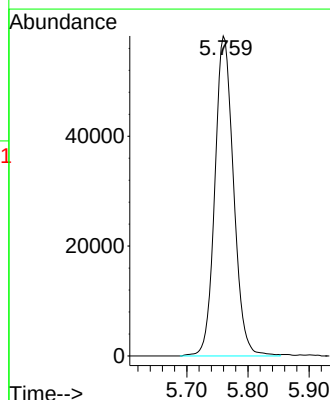
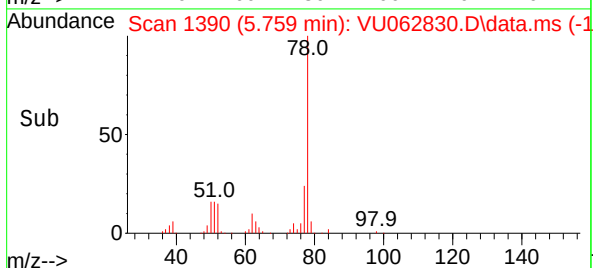
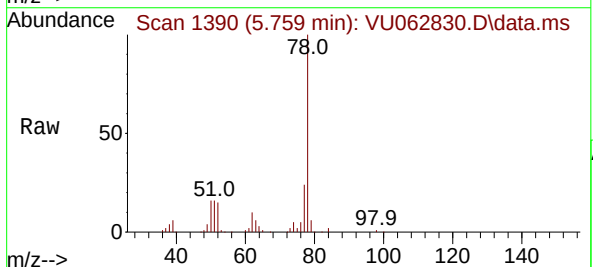


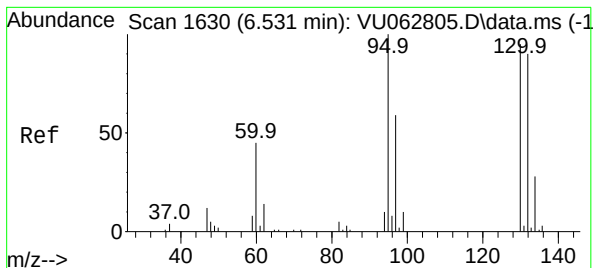
Tgt Ion:117 Resp: 61945
Ion Ratio Lower Upper
117 100
119 97.1 78.6 118.0



#33
Benzene
Concen: 4.726 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion: 78 Resp: 123978





#34

Trichloroethene

Concen: 4.044 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 36239

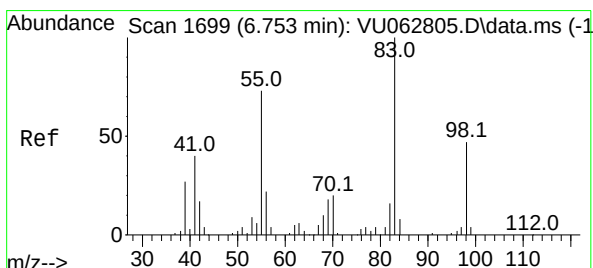
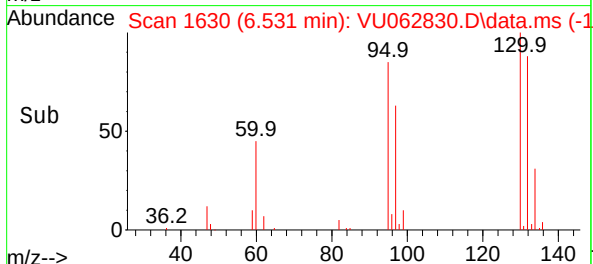
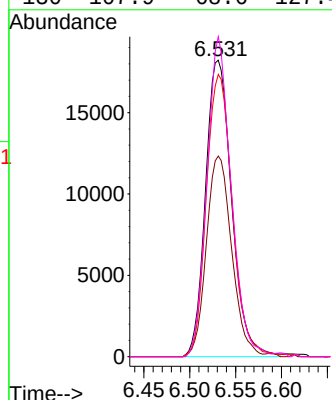
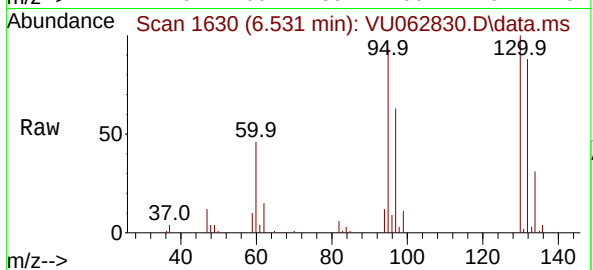
Ion Ratio Lower Upper

95 100

97 67.7 47.5 88.3

132 95.2 66.9 124.3

130 107.9 68.6 127.4



#35

Methylcyclohexane

Concen: 4.313 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

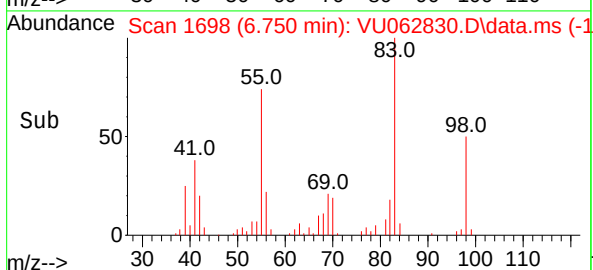
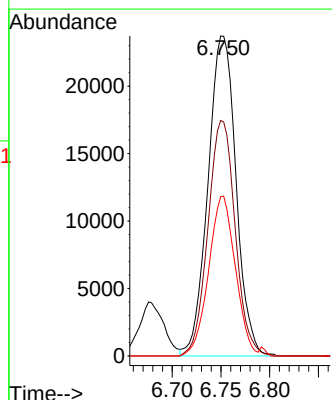
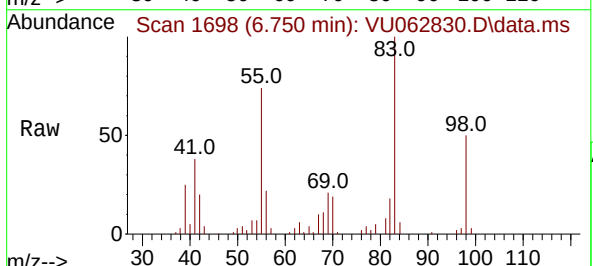
Tgt Ion: 83 Resp: 47561

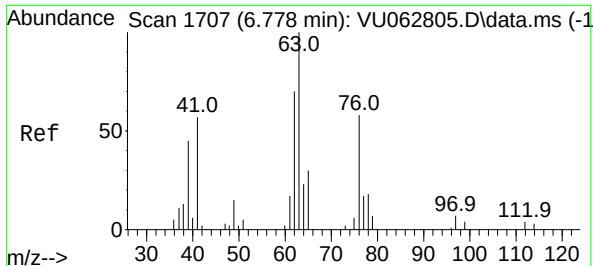
Ion Ratio Lower Upper

83 100

55 71.3 57.2 85.8

98 47.6 36.6 55.0

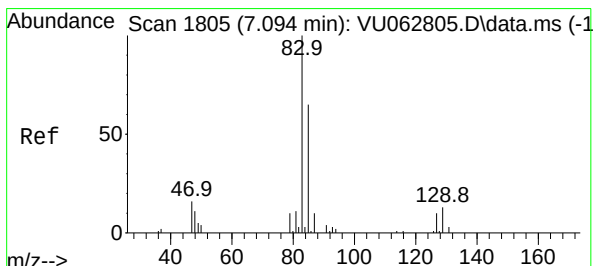
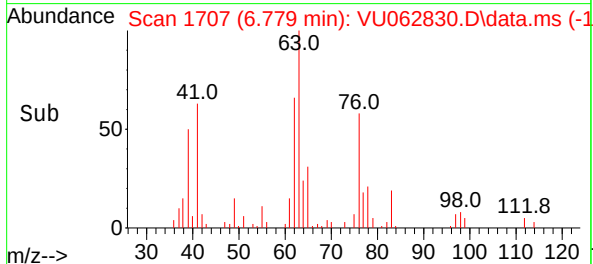
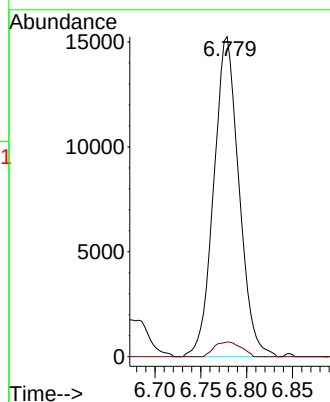
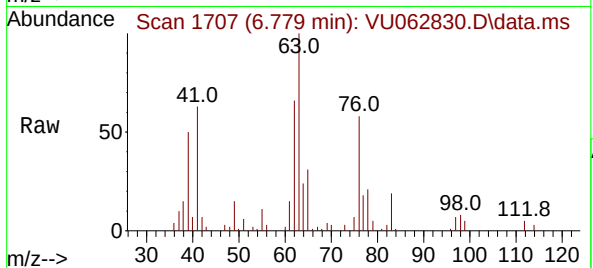




#37
1,2-Dichloropropane
Concen: 4.718 ug/L
RT: 6.779 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

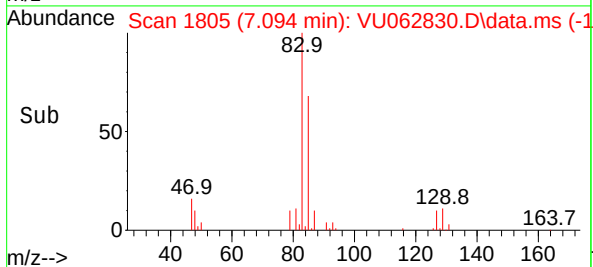
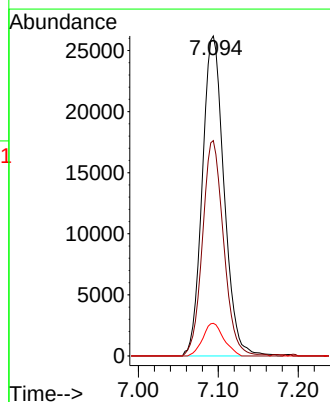
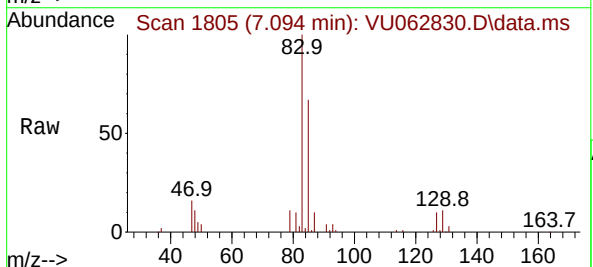
Instrument :
MSVOA_U
ClientSampleId :

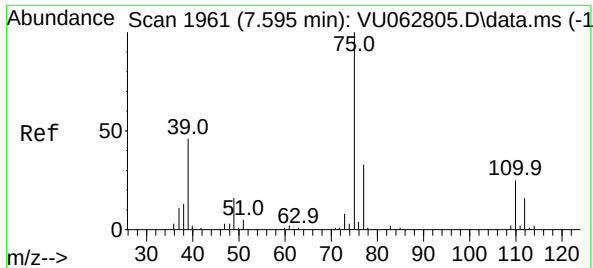
Tgt Ion: 63 Resp: 29201
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 4.973 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion: 83 Resp: 49492
Ion Ratio Lower Upper
83 100
85 67.3 44.2 82.0
127 10.2 7.8 11.8

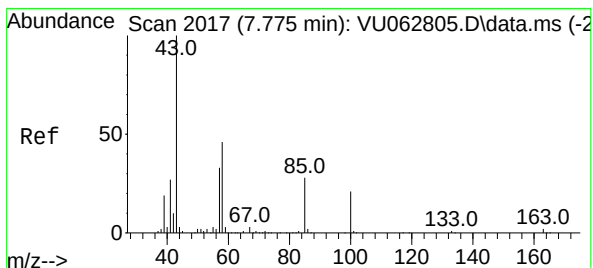
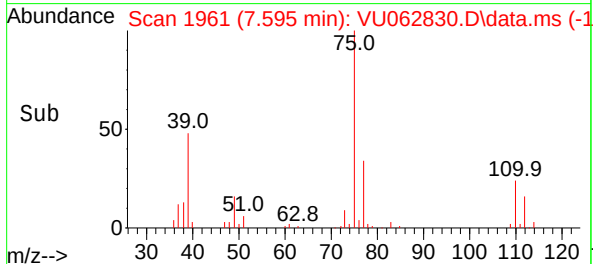
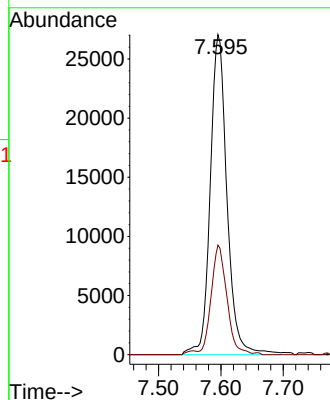
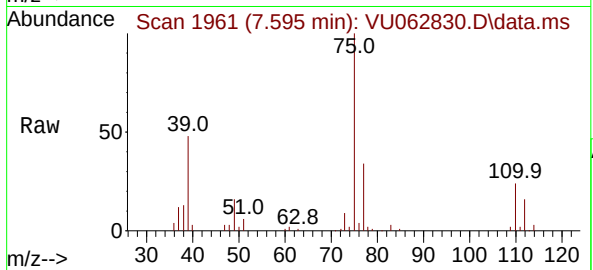




#39
 cis-1,3-Dichloropropene
 Concen: 4.789 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU062830.D
 Acq: 16 Jan 2025 19:23

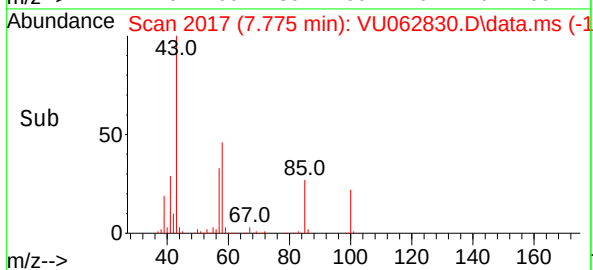
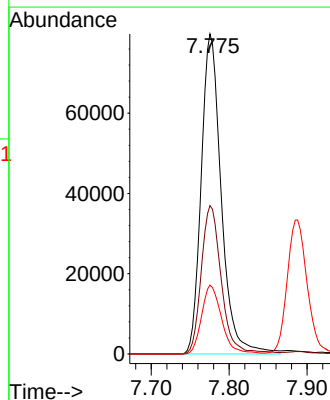
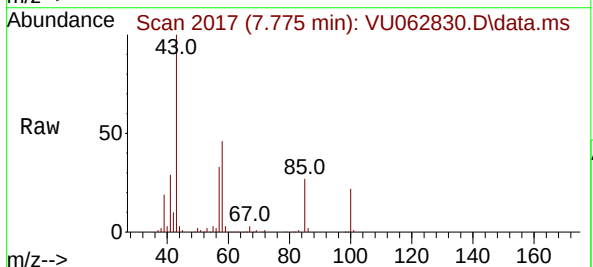
Instrument :
 MSVOA_U
 ClientSampleId :

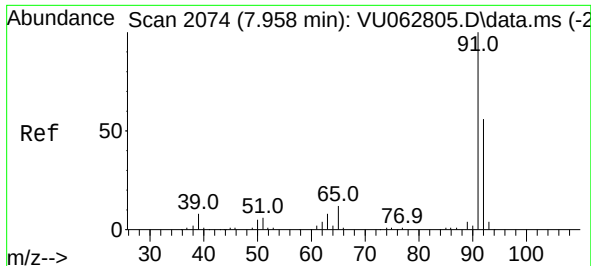
Tgt Ion: 75 Resp: 50461
 Ion Ratio Lower Upper
 75 100
 77 34.2 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 49.345 ug/L
 RT: 7.775 min Scan# 1717
 Delta R.T. 0.000 min
 Lab File: VU062830.D
 Acq: 16 Jan 2025 19:23

Tgt Ion: 43 Resp: 142655
 Ion Ratio Lower Upper
 43 100
 58 46.3 35.8 53.8
 100 21.4 16.8 25.2

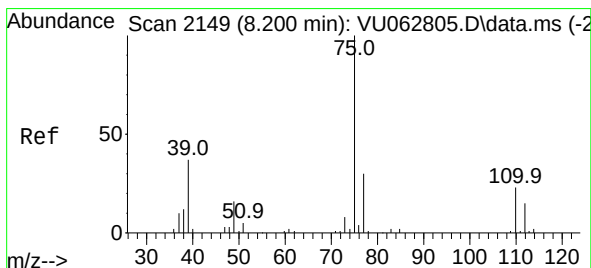
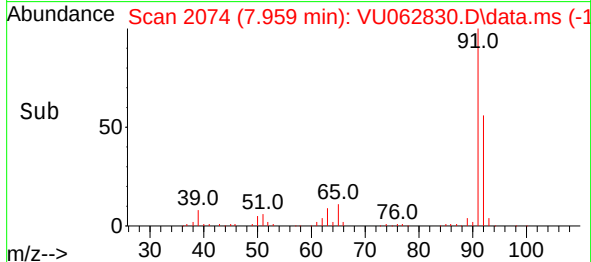
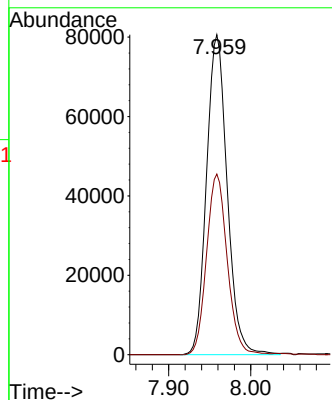
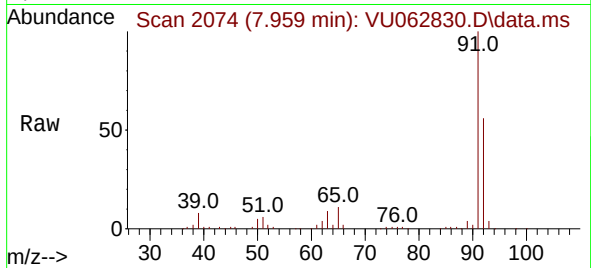




#42
Toluene
Concen: 4.912 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

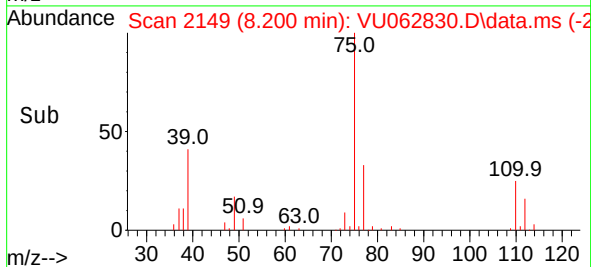
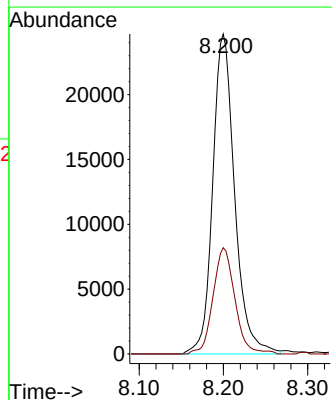
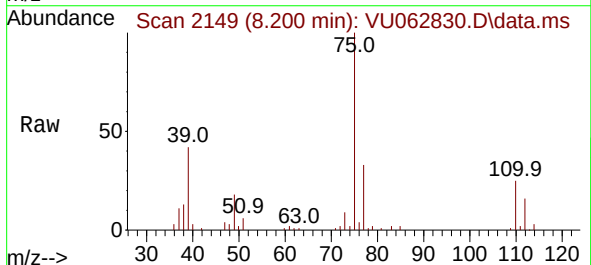
Instrument :
MSVOA_U
ClientSampleId :

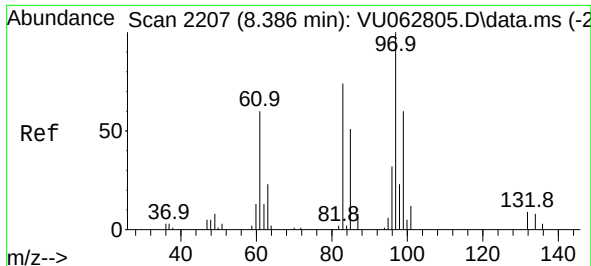
Tgt Ion: 91 Resp: 141193
Ion Ratio Lower Upper
91 100
92 56.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.909 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion: 75 Resp: 44590
Ion Ratio Lower Upper
75 100
77 33.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 4.910 ug/L

RT: 8.389 min Scan# 2207

Delta R.T. 0.003 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 24678

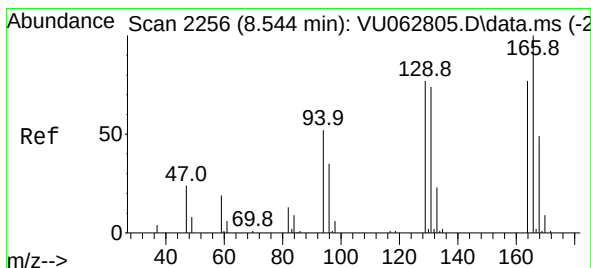
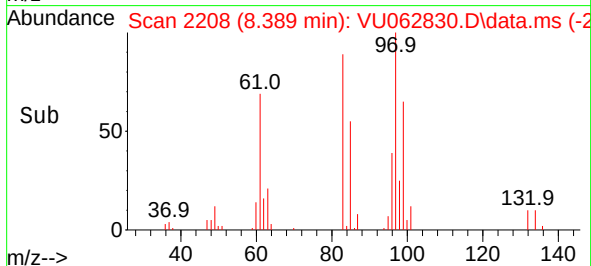
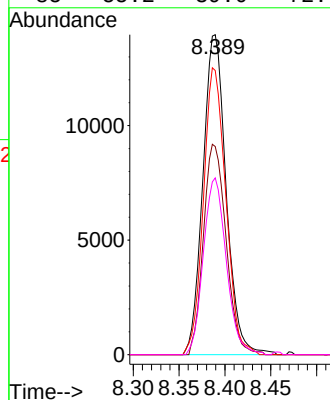
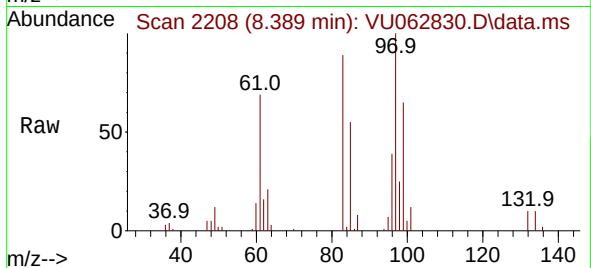
Ion Ratio Lower Upper

97 100

99 65.1 45.6 84.6

83 88.8 63.0 117.0

85 55.2 39.0 72.4



#47

Tetrachloroethene

Concen: 4.742 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Tgt Ion:164 Resp: 29272

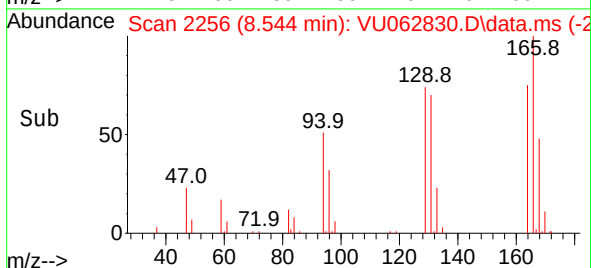
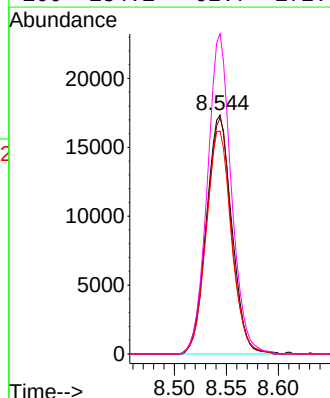
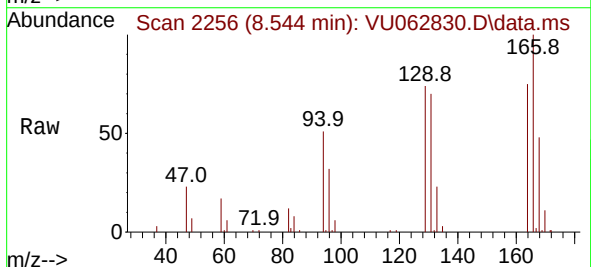
Ion Ratio Lower Upper

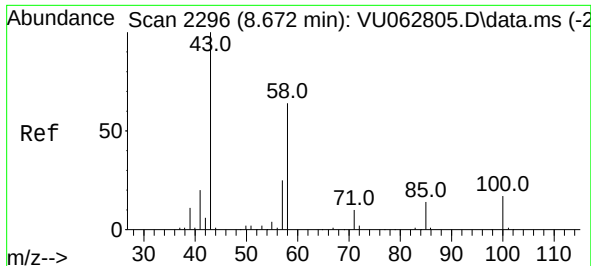
164 100

129 99.0 71.0 131.9

131 93.4 69.4 129.0

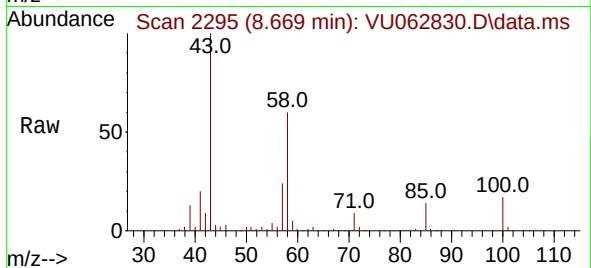
166 134.1 92.7 172.3



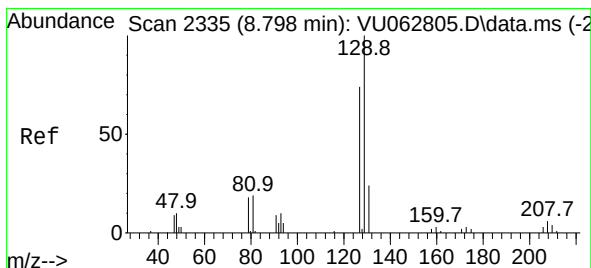
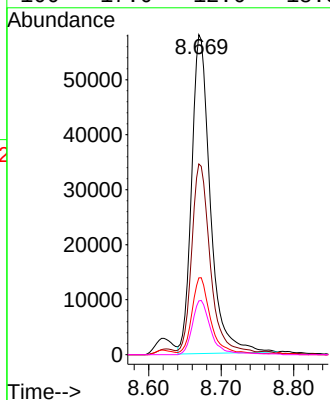
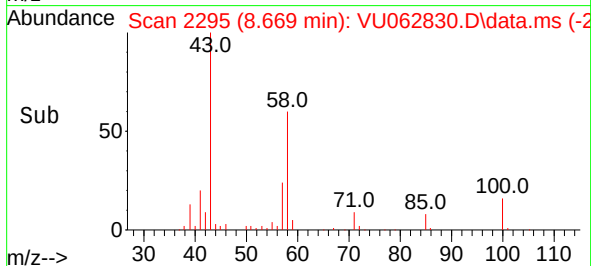


#48
2-Hexanone
Concen: 49.912 ug/L
RT: 8.669 min Scan# 2296
Delta R.T. -0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Instrument :
MSVOA_U
ClientSampleId :

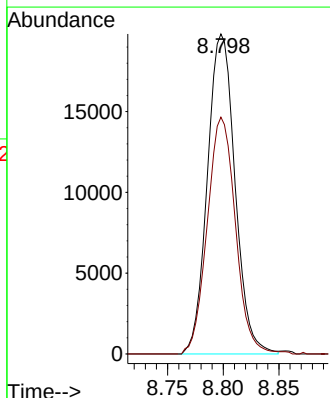
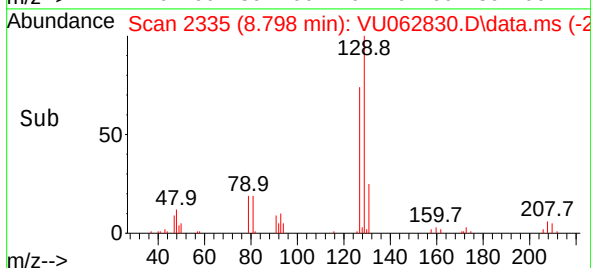
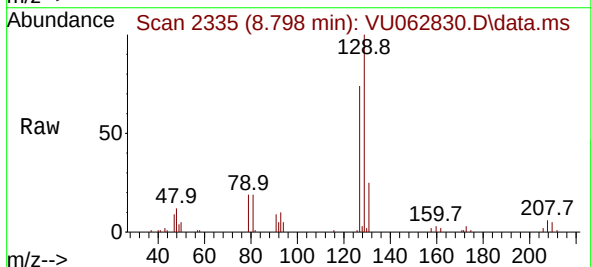


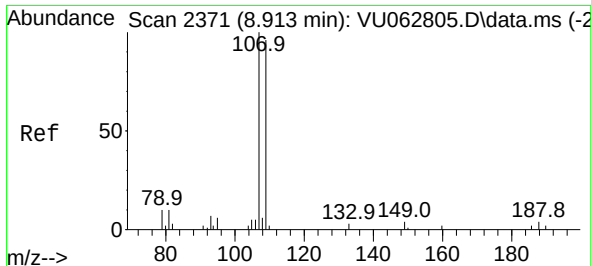
Tgt Ion:	43	Resp:	103736
Ion Ratio	100	Lower	Upper
58	58.5	50.2	75.4
57	23.7	19.9	29.9
100	17.0	12.6	18.8



#49
Dibromochloromethane
Concen: 5.075 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion:	129	Resp:	34251
Ion Ratio	100	Lower	Upper
127	74.0	52.1	96.9

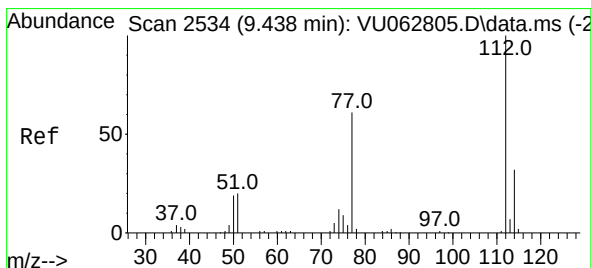
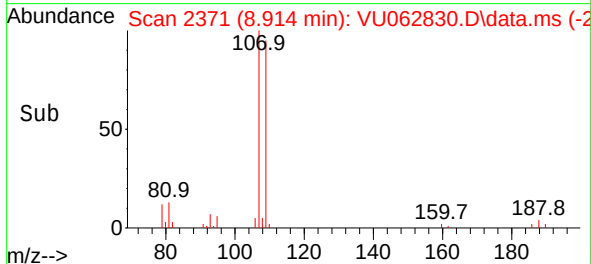
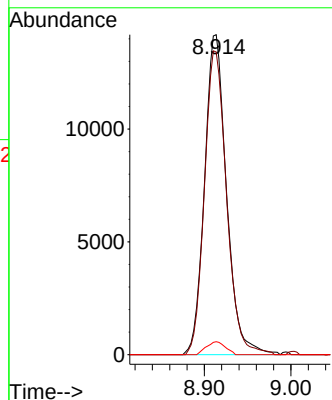
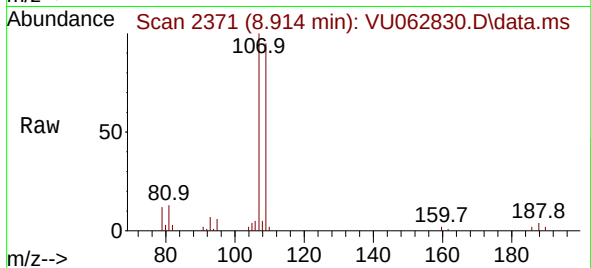




#50
1,2-Dibromoethane
Concen: 5.211 ug/L
RT: 8.914 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

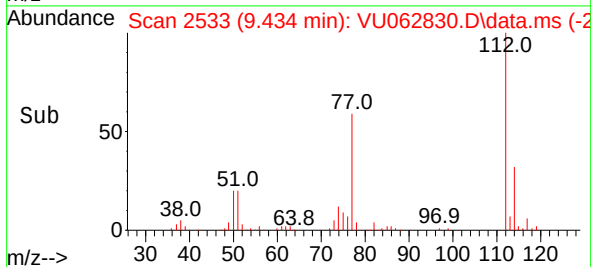
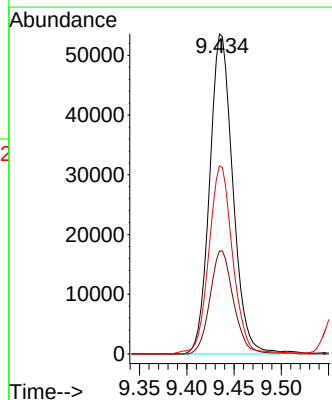
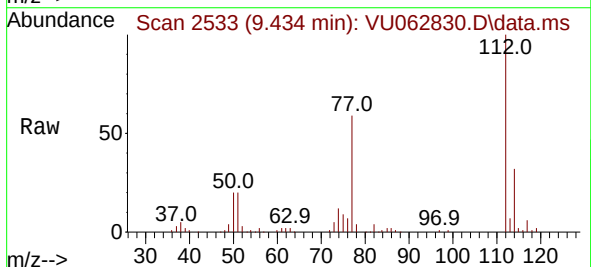
Instrument :
MSVOA_U
ClientSampleId :

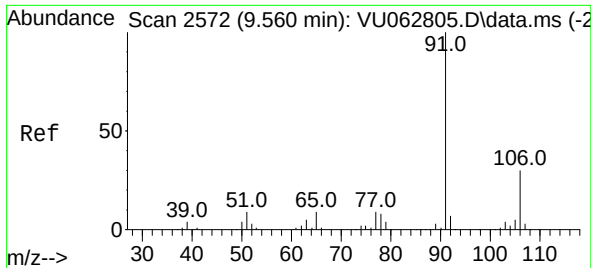
Tgt Ion:107 Resp: 25059
Ion Ratio Lower Upper
107 100
109 94.6 65.7 121.9
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 4.865 ug/L
RT: 9.434 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion:112 Resp: 91457
Ion Ratio Lower Upper
112 100
114 32.1 21.7 40.3
77 58.7 48.6 73.0

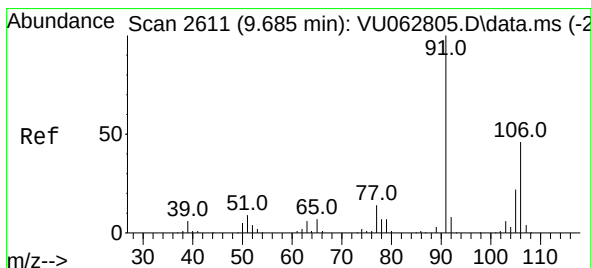
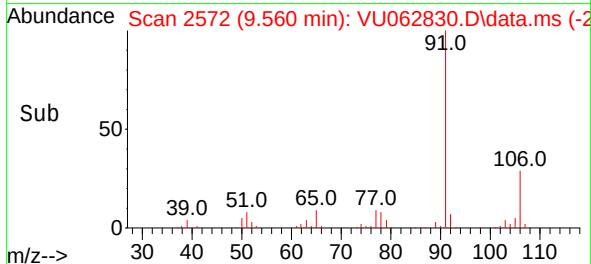
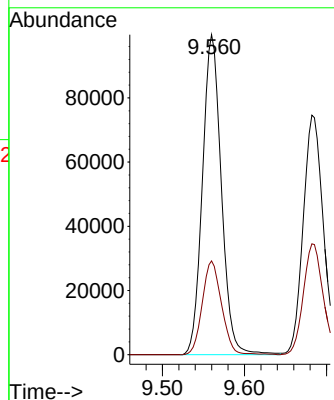
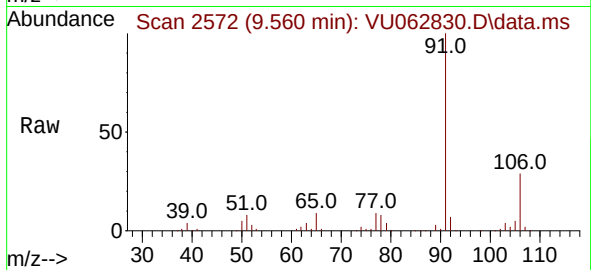




#52
Ethylbenzene
Concen: 4.897 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

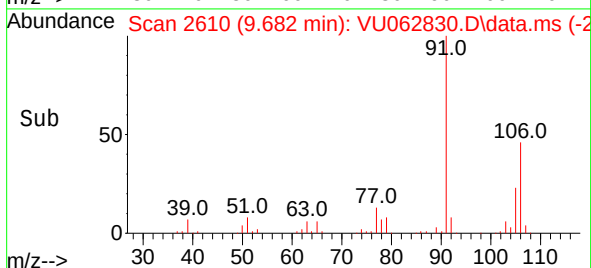
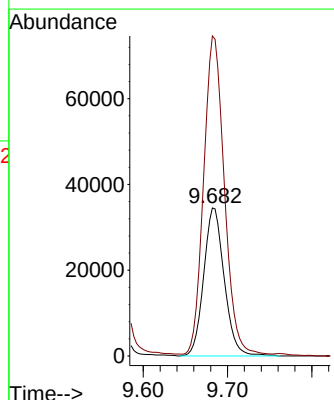
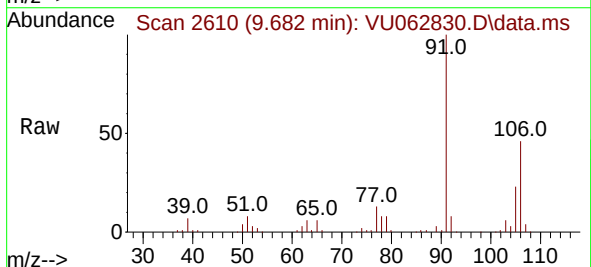
Instrument :
MSVOA_U
ClientSampleId :

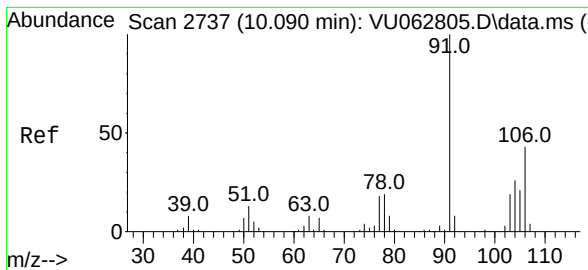
Tgt Ion: 91 Resp: 159768
Ion Ratio Lower Upper
91 100
106 29.3 21.9 40.7



#53
m,p-Xylene
Concen: 4.800 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion: 106 Resp: 58562
Ion Ratio Lower Upper
106 100
91 216.1 153.1 284.3

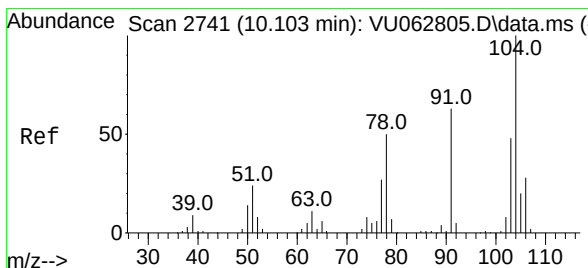
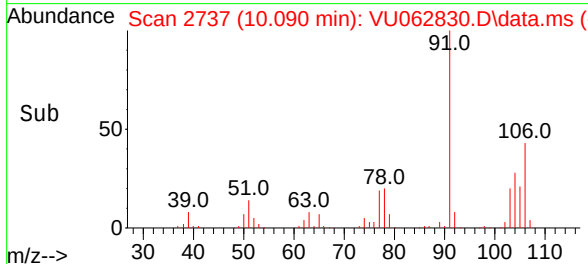
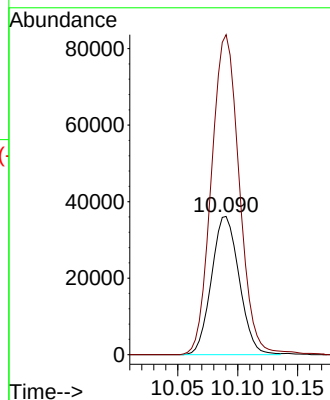
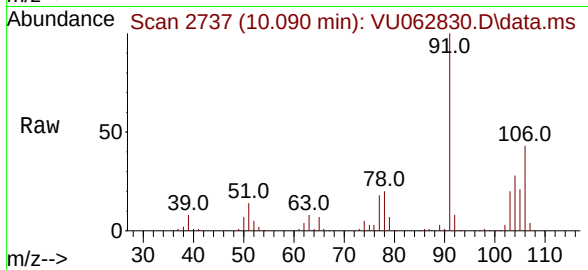




#54
o-Xylene
Concen: 4.969 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

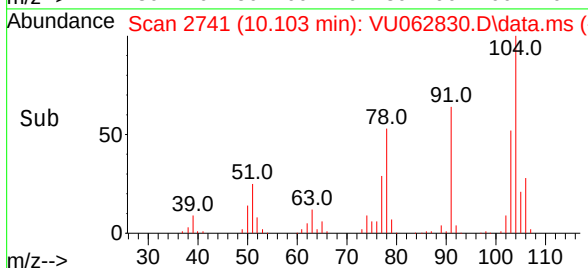
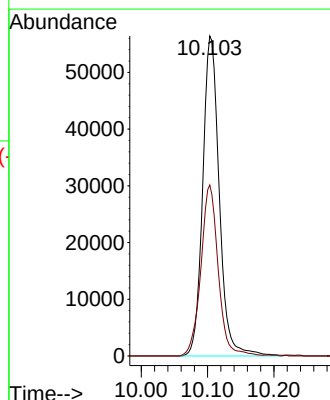
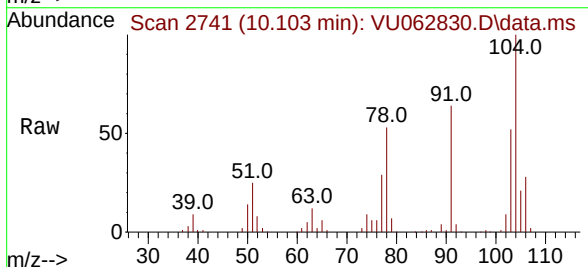
Instrument :
MSVOA_U
ClientSampleId :

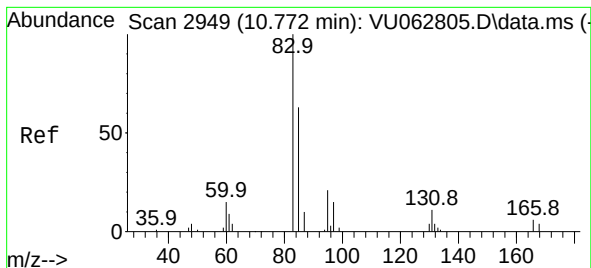
Tgt Ion:106 Resp: 58066
Ion Ratio Lower Upper
106 100
91 231.6 160.4 297.8



#55
Styrene
Concen: 5.009 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion:104 Resp: 97910
Ion Ratio Lower Upper
104 100
78 53.5 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.079 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

ClientSampleId :

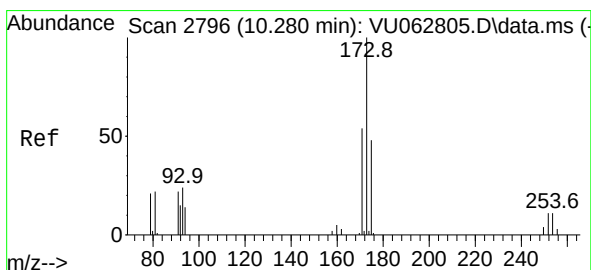
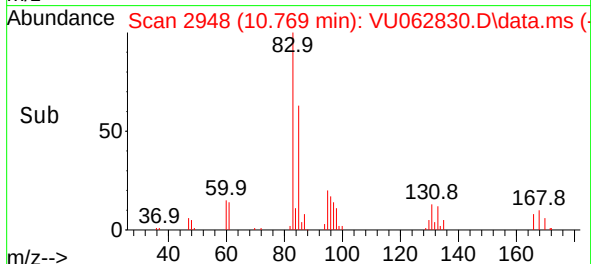
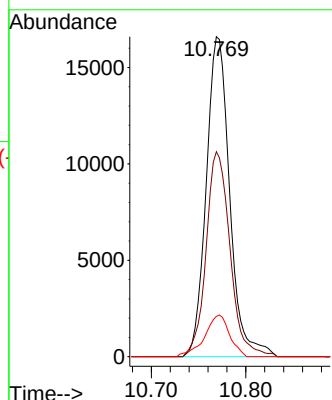
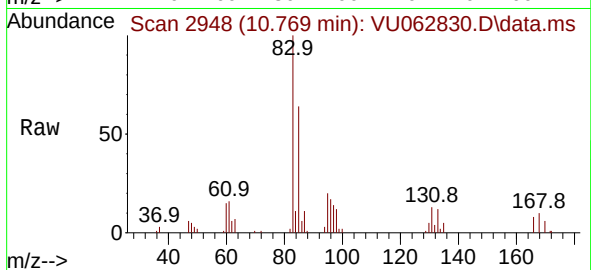
Tgt Ion: 83 Resp: 28639

Ion Ratio Lower Upper

83 100

85 64.0 43.0 79.8

131 12.6 7.4 11.0#



#59

Bromoform

Concen: 5.167 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

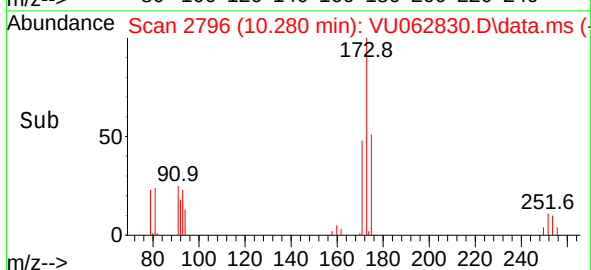
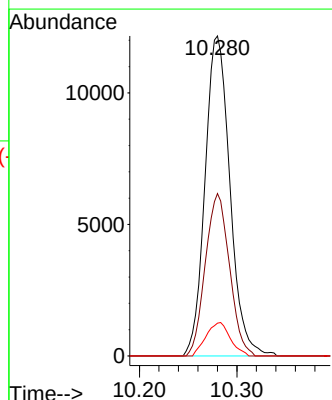
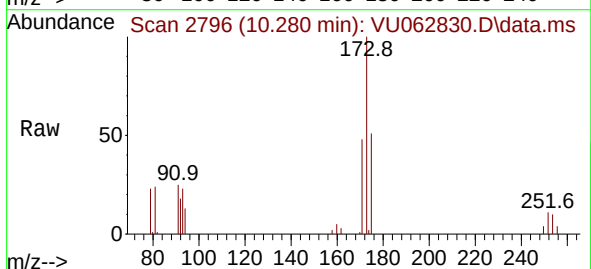
Tgt Ion:173 Resp: 21622

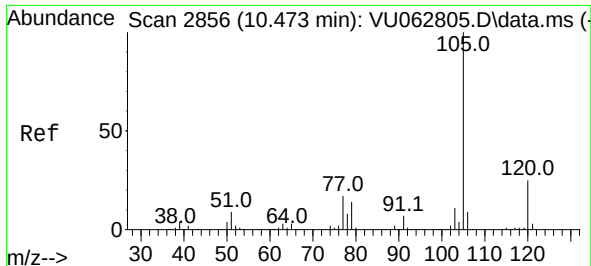
Ion Ratio Lower Upper

173 100

175 49.1 39.8 59.8

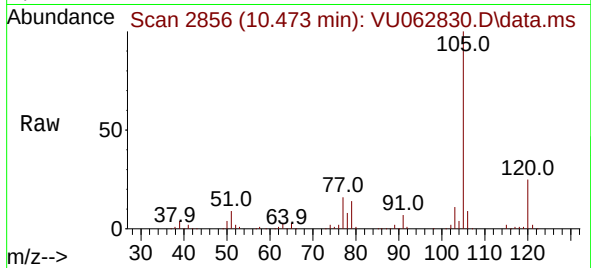
254 10.2 8.6 12.8



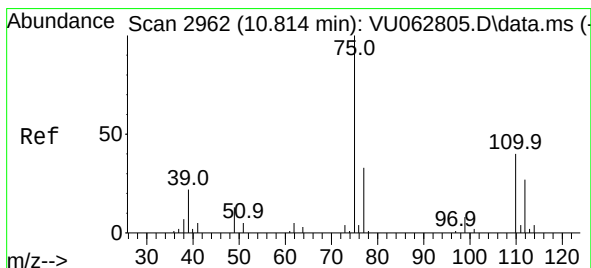
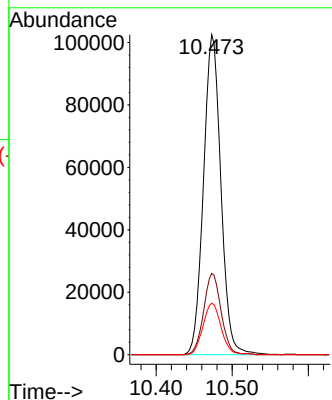
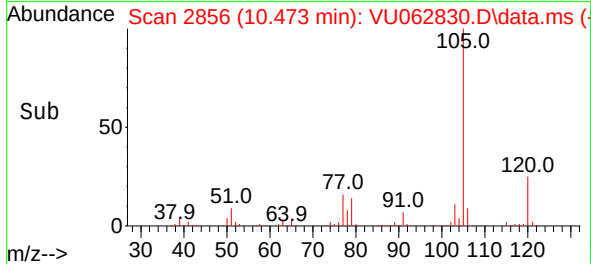


#60
Isopropylbenzene
Concen: 4.926 ug/L
RT: 10.473 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

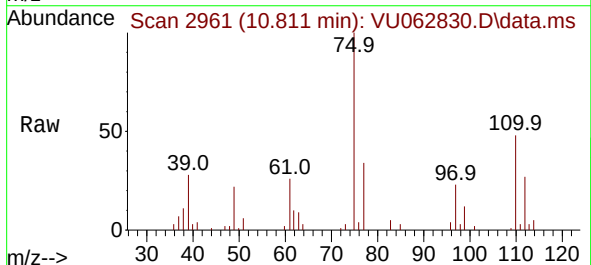
Instrument :
MSVOA_U
ClientSampleId :



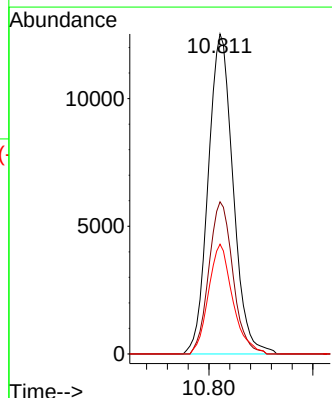
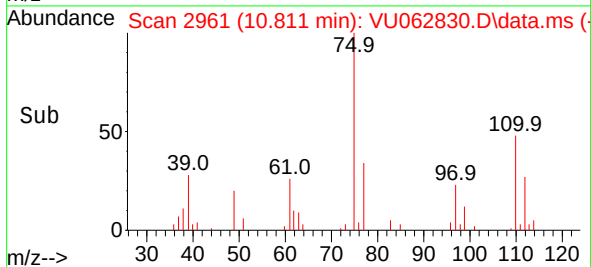
Tgt Ion:105 Resp: 162827
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.2
77 16.8 13.0 19.4

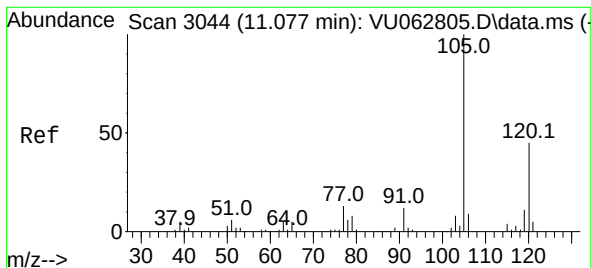


#61
1,2,3-Trichloropropane
Concen: 4.887 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23



Tgt Ion: 75 Resp: 20795
Ion Ratio Lower Upper
75 100
110 46.0 33.2 49.8
77 33.5 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.835 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

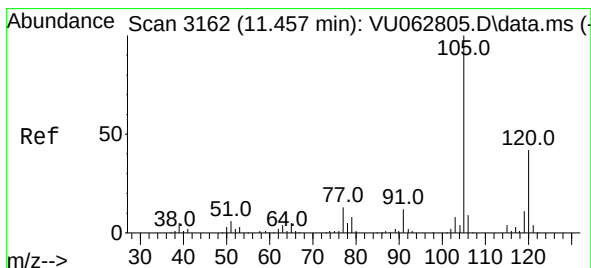
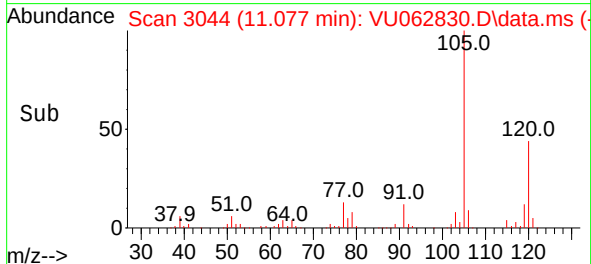
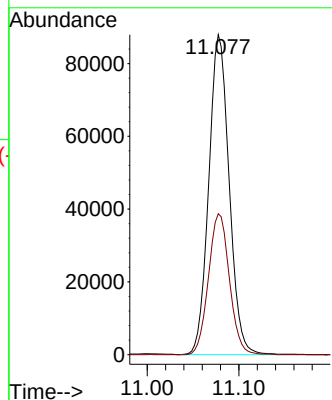
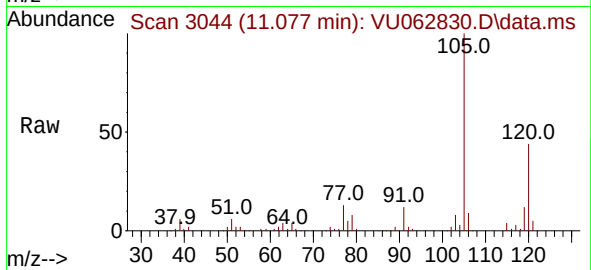
ClientSampleId :

Tgt Ion:105 Resp: 135864

Ion Ratio Lower Upper

105 100

120 45.3 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.934 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU062830.D

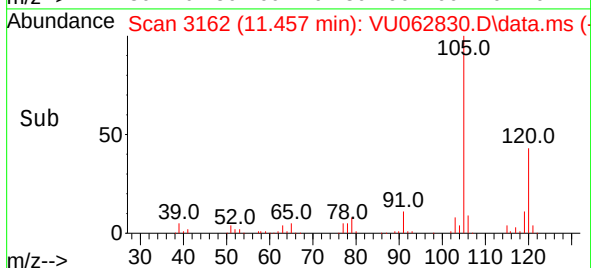
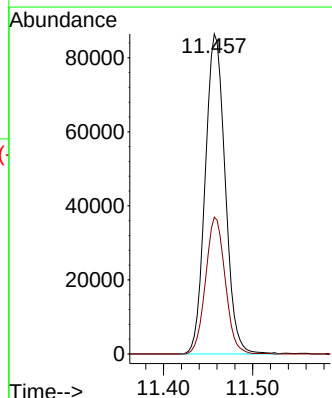
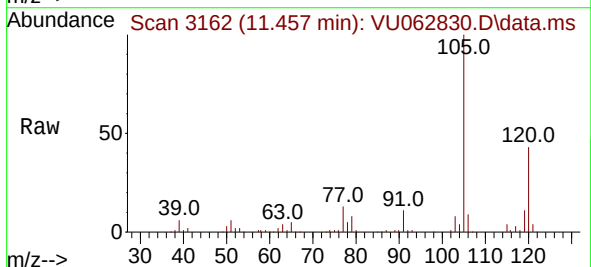
Acq: 16 Jan 2025 19:23

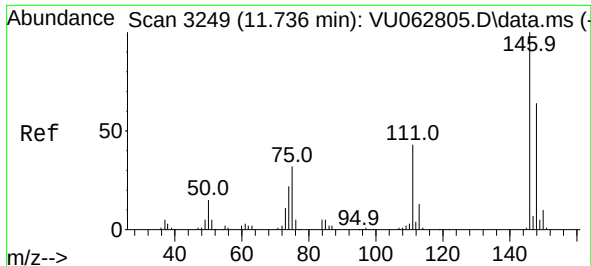
Tgt Ion:105 Resp: 134106

Ion Ratio Lower Upper

105 100

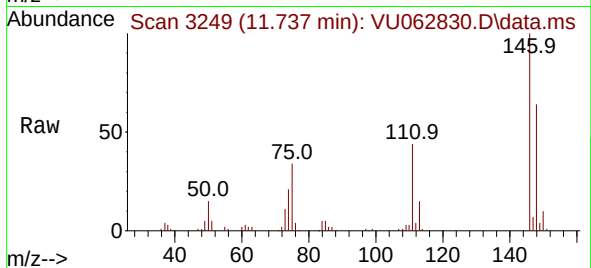
120 42.1 34.2 51.2



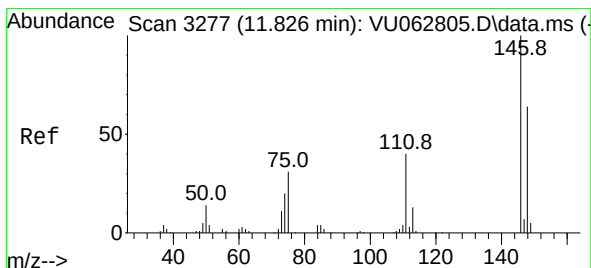
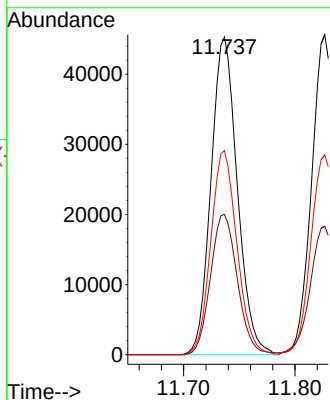
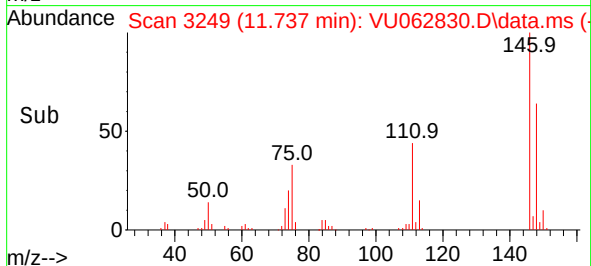


#64
1,3-Dichlorobenzene
Concen: 4.845 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

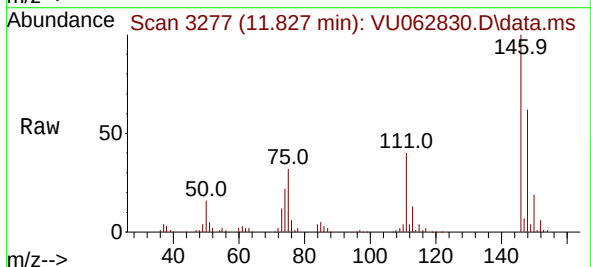
Instrument :
MSVOA_U
ClientSampleId :



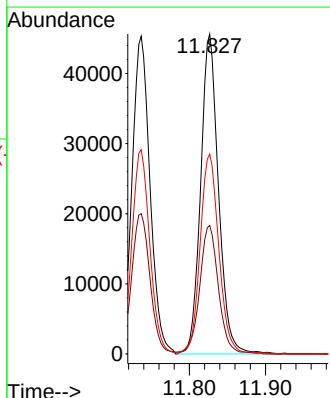
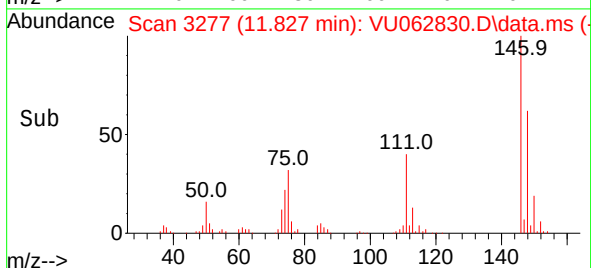
Tgt Ion:146 Resp: 74256
Ion Ratio Lower Upper
146 100
111 44.2 28.6 53.0
148 64.2 44.0 81.6

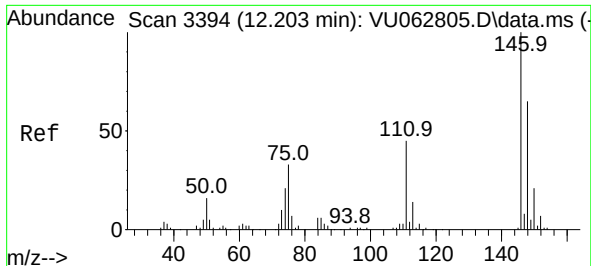


#65
1,4-Dichlorobenzene
Concen: 4.820 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23



Tgt Ion:146 Resp: 74489
Ion Ratio Lower Upper
146 100
111 40.2 29.5 54.9
148 62.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.966 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

ClientSampleId :

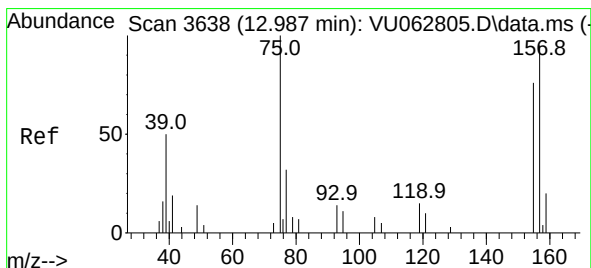
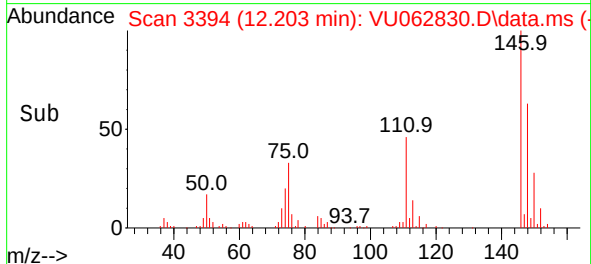
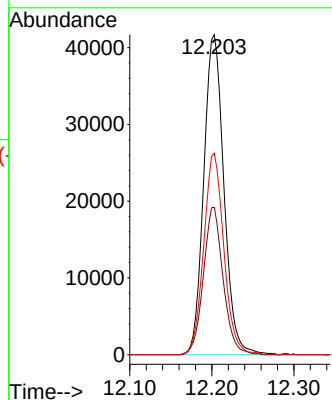
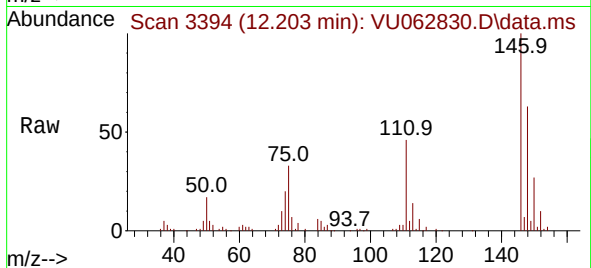
Tgt Ion:146 Resp: 71331

Ion Ratio Lower Upper

146 100

111 46.1 36.3 54.5

148 63.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.900 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

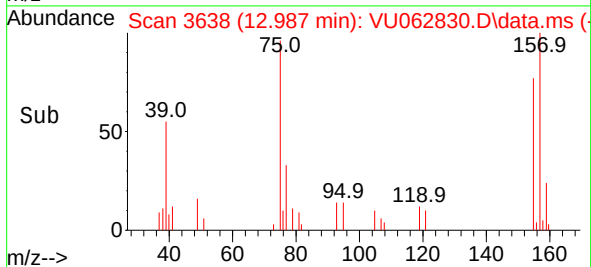
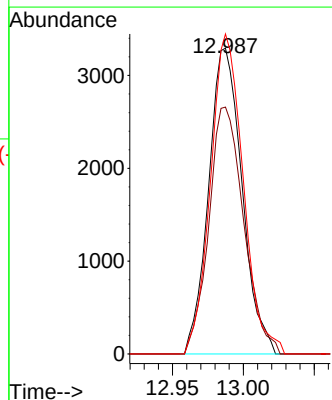
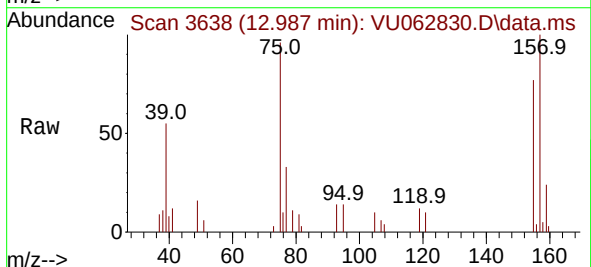
Tgt Ion: 75 Resp: 5401

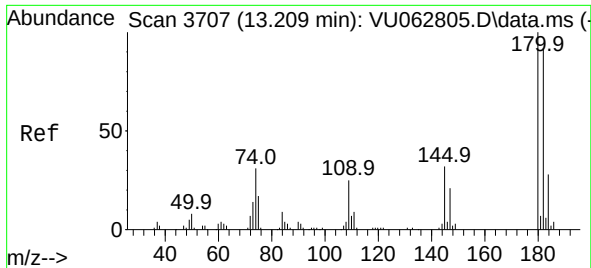
Ion Ratio Lower Upper

75 100

155 80.7 59.6 89.4

157 104.7 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 4.573 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 52783

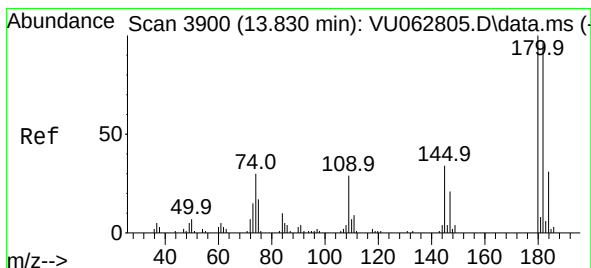
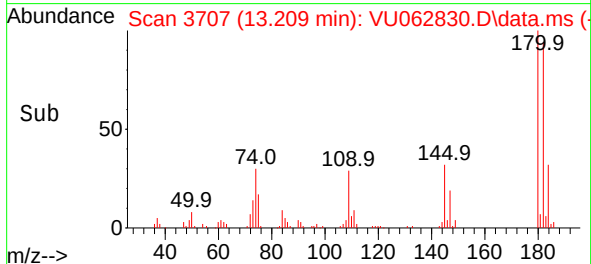
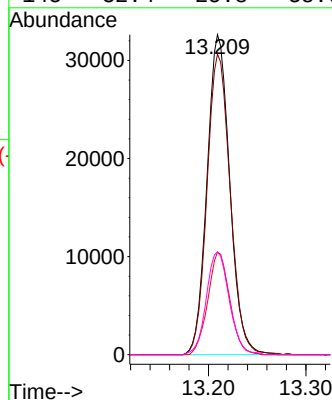
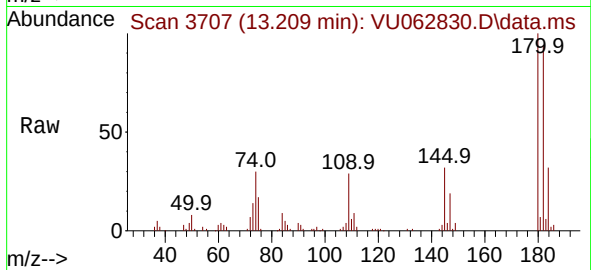
Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.8

184 30.9 24.7 37.1

145 32.4 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.177 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU062830.D

Acq: 16 Jan 2025 19:23

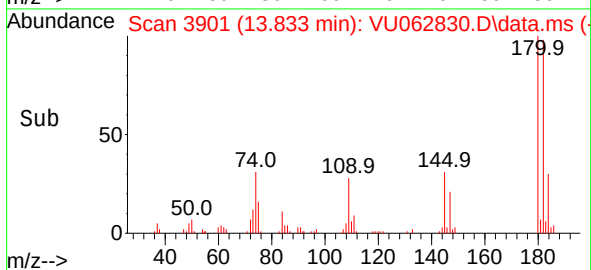
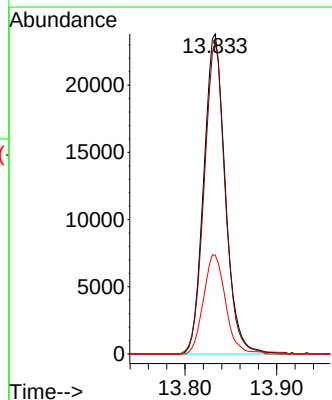
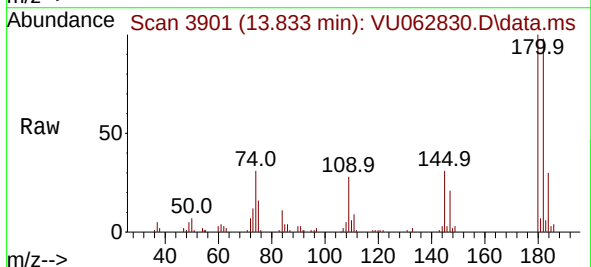
Tgt Ion:180 Resp: 38833

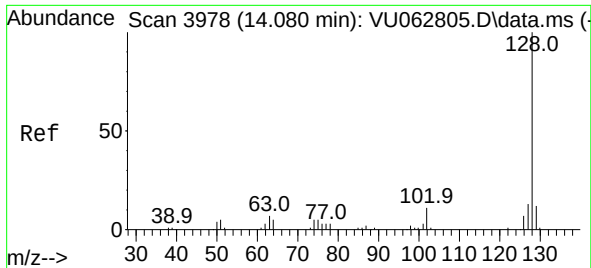
Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

145 31.8 26.9 40.3

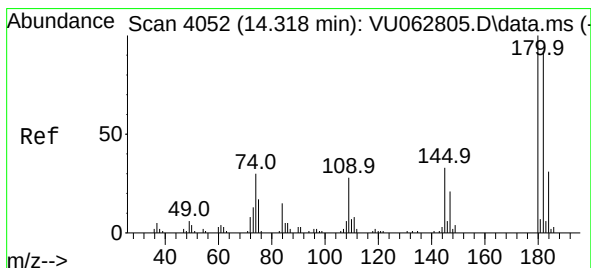
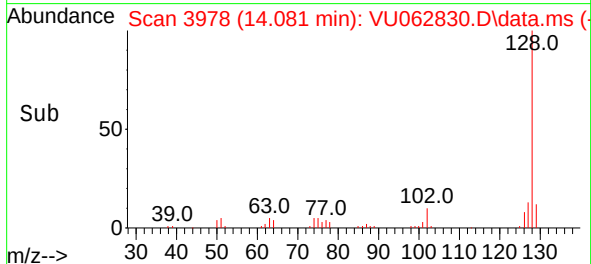
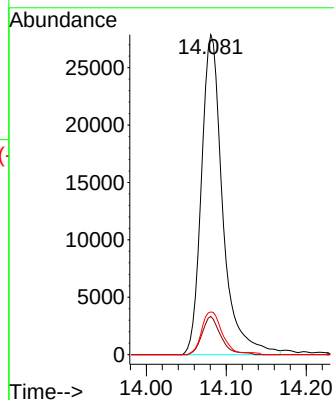
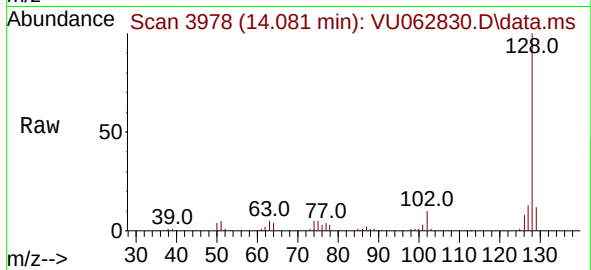




#71
Naphthalene
Concen: 3.798 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 51662
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.082 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU062830.D
Acq: 16 Jan 2025 19:23

Tgt Ion:180 Resp: 33082
Ion Ratio Lower Upper
180 100
182 97.4 79.8 119.6
145 34.2 29.2 43.8

