

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063146.D
 Acq On : 05 Feb 2025 09:00
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 06 07:23:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:57:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	88029	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23727	4.712	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.901	69	23173	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.557	65	10908	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.605	46	73974	44.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.260%
24) Chloroform-d	5.049	84	56638	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.688	65	27757	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.714	84	107812	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.679	67	35636	4.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.888	98	96090	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.171	79	12561	4.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.621	63	58091	43.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29533	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	31714	4.867	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	41277	5.412	ug/L	100
3) Chloromethane	1.515	50	41590	4.978	ug/L	99
5) Vinyl chloride	1.599	62	44512	5.263	ug/L	99
6) Bromomethane	1.843	94	15398	3.621	ug/L	98
8) Chloroethane	1.923	64	26765	5.254	ug/L	96
9) Trichlorofluoromethane	2.129	101	53325	5.613	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	33249	5.694	ug/L	99
12) 1,1-Dichloroethene	2.570	96	30569	5.343	ug/L	96
13) Acetone	2.611	43	47559	45.561	ug/L	97
14) Carbon disulfide	2.782	76	107708	5.361	ug/L	99
15) Methyl Acetate	2.939	43	12910	4.528	ug/L	98
16) Methylene chloride	3.033	84	35329	5.162	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	74712	4.738	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	32912	5.380	ug/L	96
19) 1,1-Dichloroethane	3.853	63	63650	5.175	ug/L	98
21) 2-Butanone	4.682	43	78094	45.059	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	36366	5.328	ug/L	99
23) Bromochloromethane	4.962	128	15634	5.106	ug/L	98
25) Chloroform	5.074	83	64131	5.297	ug/L	97

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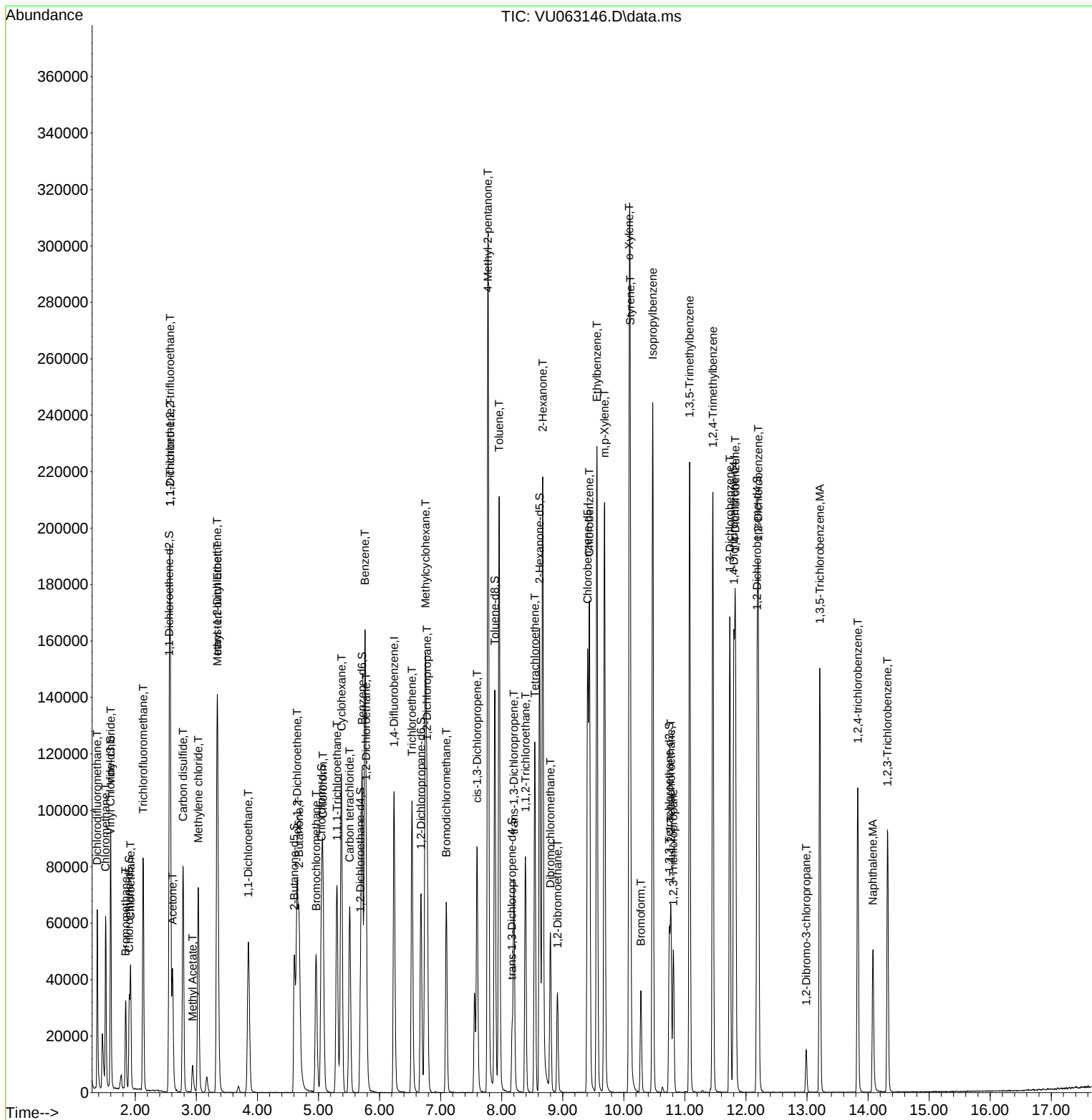
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 ClientSampleId :

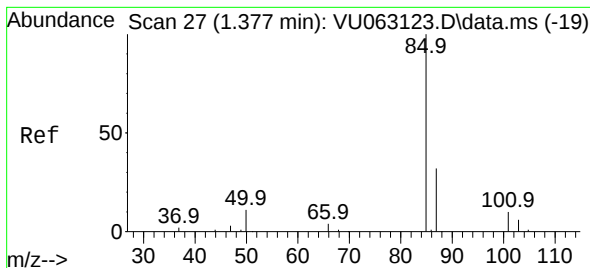
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	39428	4.943	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	52691	5.369	ug/L	100
30) Cyclohexane	5.377	56	56753	5.463	ug/L	99
31) Carbon tetrachloride	5.512	117	45206	5.459	ug/L	98
33) Benzene	5.762	78	145616	5.337	ug/L	100
34) Trichloroethene	6.531	95	37336	5.388	ug/L	99
35) Methylcyclohexane	6.753	83	58535	5.637	ug/L	99
37) 1,2-Dichloropropane	6.778	63	38904	5.346	ug/L	100
38) Bromodichloromethane	7.094	83	45308	5.185	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	53116	5.118	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	196703	45.795	ug/L	100
42) Toluene	7.958	91	156126	5.475	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	43865	5.049	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	26111	4.858	ug/L	98
47) Tetrachloroethene	8.544	164	26486	5.442	ug/L	98
48) 2-Hexanone	8.672	43	136190	44.943	ug/L	98
49) Dibromochloromethane	8.798	129	28147	4.976	ug/L	100
50) 1,2-Dibromoethane	8.913	107	24993	5.070	ug/L	91
51) Chlorobenzene	9.438	112	90877	5.279	ug/L	99
52) Ethylbenzene	9.560	91	162160	5.436	ug/L	99
53) m,p-Xylene	9.685	106	59880	5.565	ug/L	99
54) o-Xylene	10.090	106	57988	5.435	ug/L	99
55) Styrene	10.106	104	96481	5.493	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32777	4.751	ug/L	99
59) Bromoform	10.280	173	16437	4.885	ug/L	97
60) Isopropylbenzene	10.476	105	156355	5.642	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	21891	4.648	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	122902	5.623	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	119152	5.669	ug/L	98
64) 1,3-Dichlorobenzene	11.736	146	69124	5.505	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	69263	5.487	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	64525	5.499	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	4546	4.825	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	47733	5.564	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	34465	5.106	ug/L	100
71) Naphthalene	14.080	128	45550	4.112	ug/L	98
72) 1,2,3-Trichlorobenzene	14.318	180	29827	4.946	ug/L	97

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

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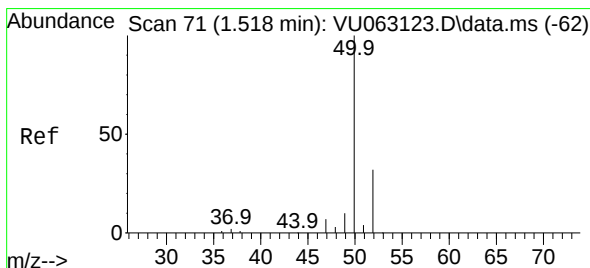
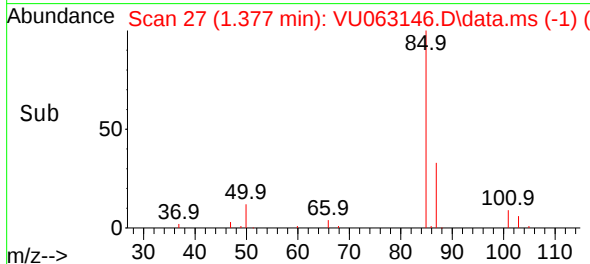
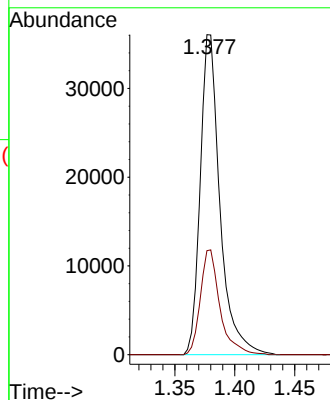
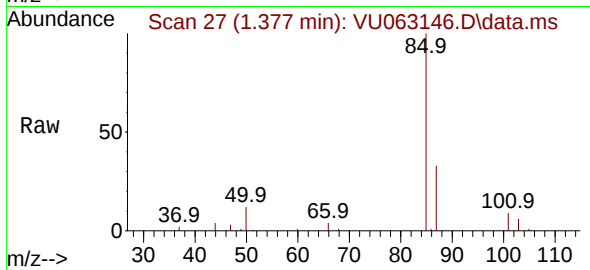




#2
Dichlorodifluoromethane
Concen: 5.412 ug/L
RT: 1.377 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

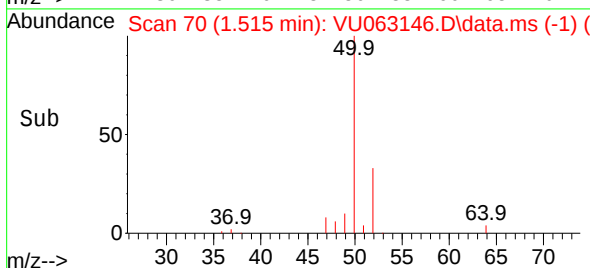
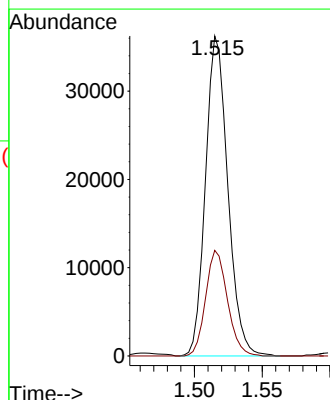
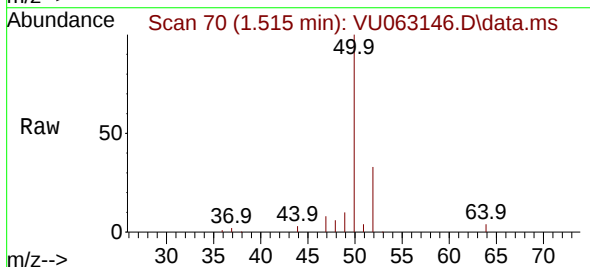
Instrument :
MSVOA_U
ClientSampleId :

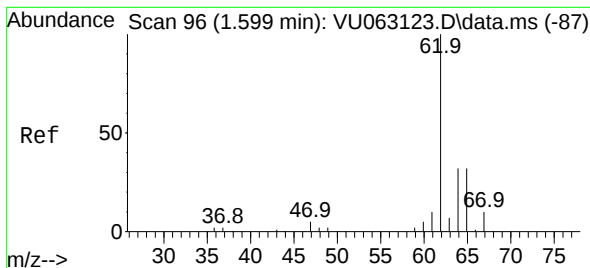
Tgt Ion: 85 Resp: 41277
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 4.978 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion: 50 Resp: 41590
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6





#5

Vinyl chloride

Concen: 5.263 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

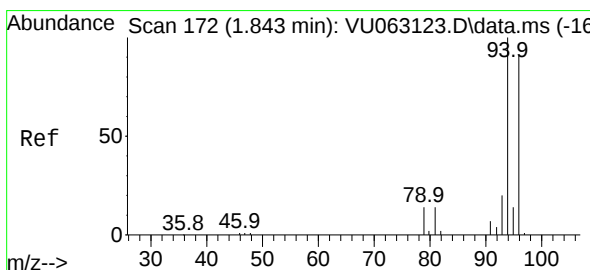
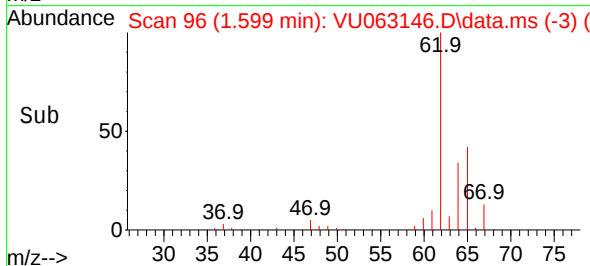
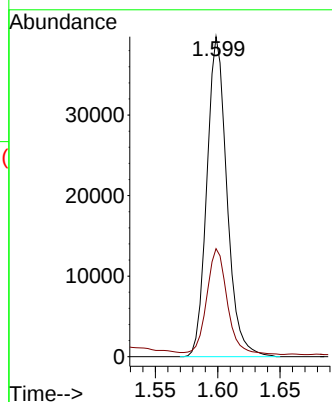
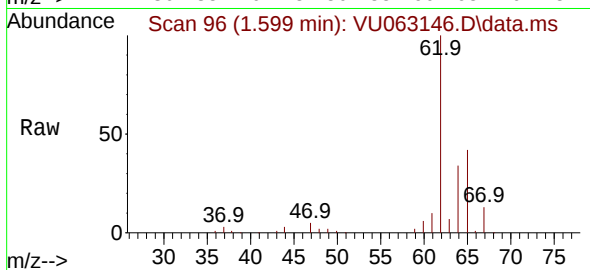
ClientSampleId :

Tgt Ion: 62 Resp: 44512

Ion Ratio Lower Upper

62 100

64 33.7 23.2 43.0



#6

Bromomethane

Concen: 3.621 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.000 min

Lab File: VU063146.D

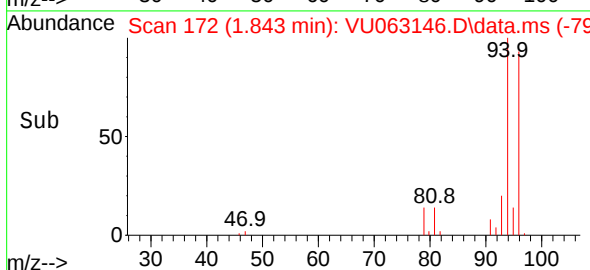
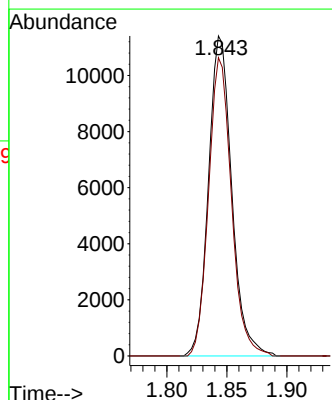
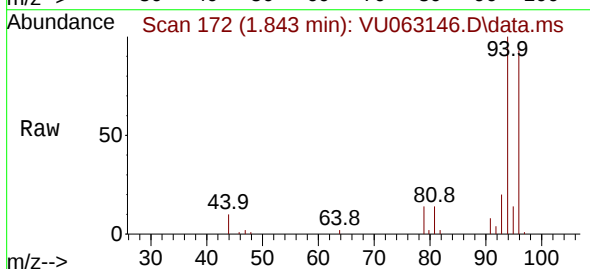
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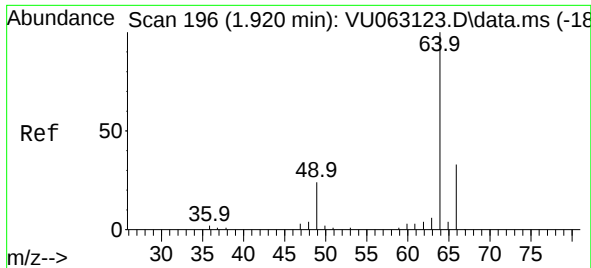
Tgt Ion: 94 Resp: 15398

Ion Ratio Lower Upper

94 100

96 93.2 66.3 123.1

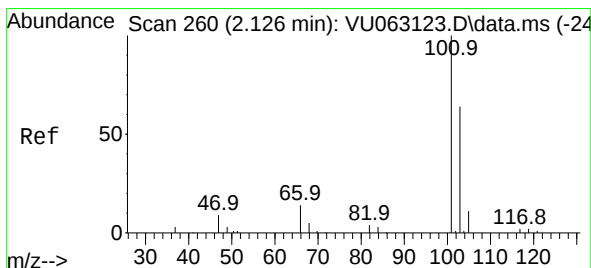
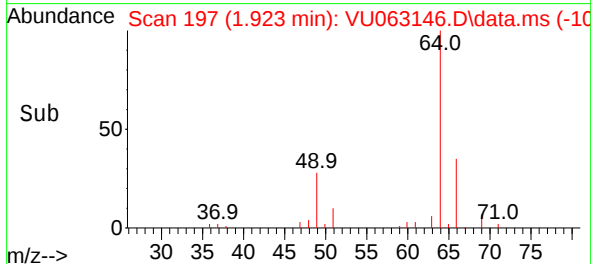
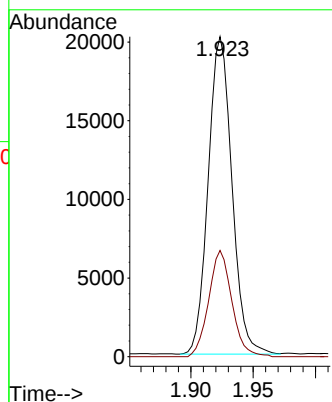
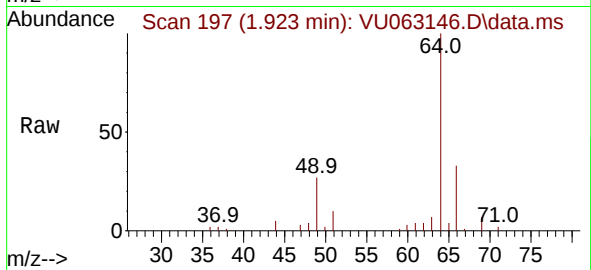




#8
Chloroethane
Concen: 5.254 ug/L
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

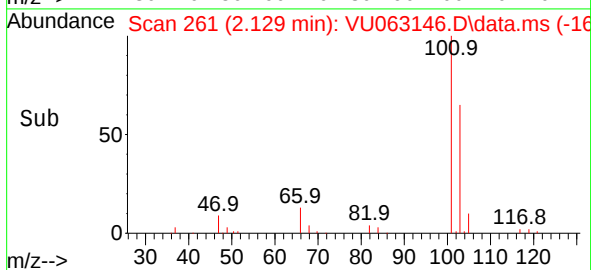
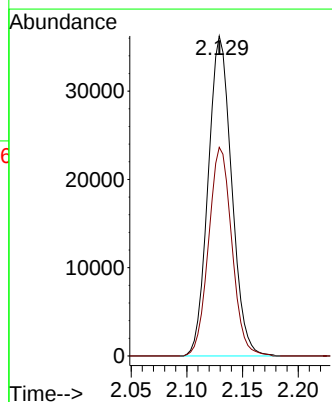
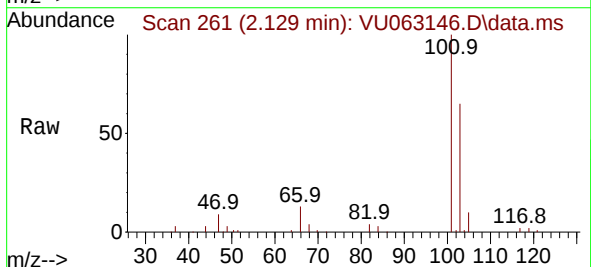
Instrument :
MSVOA_U
ClientSampleId :

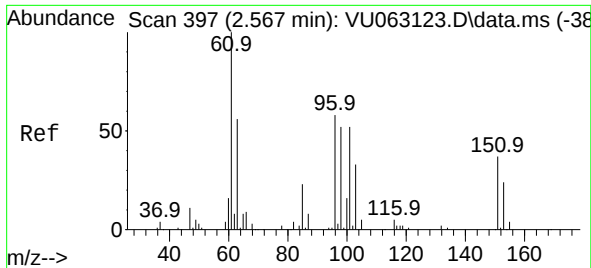
Tgt Ion: 64 Resp: 26765
Ion Ratio Lower Upper
64 100
66 33.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 5.613 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion:101 Resp: 53325
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

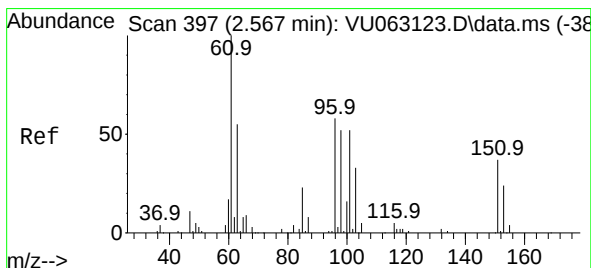
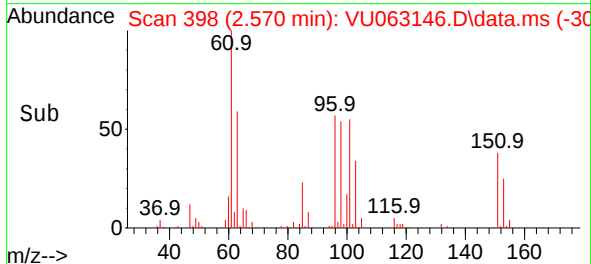
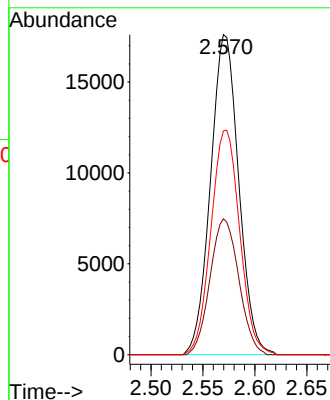
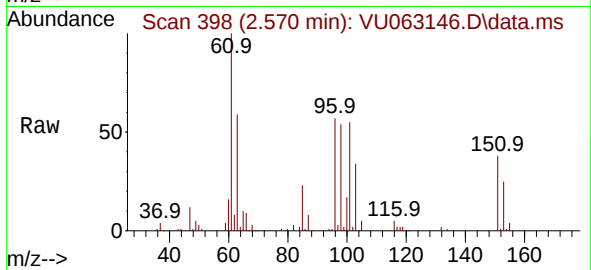




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.694 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063146.D
 Acq: 05 Feb 2025 09:00

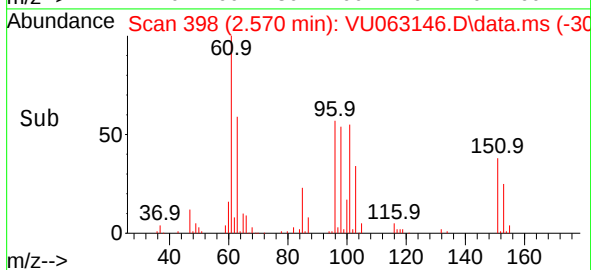
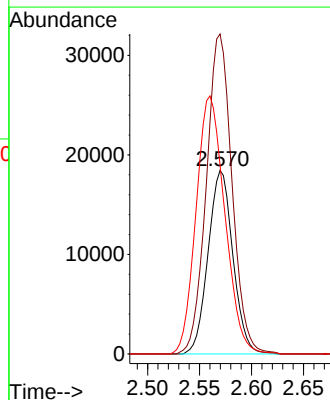
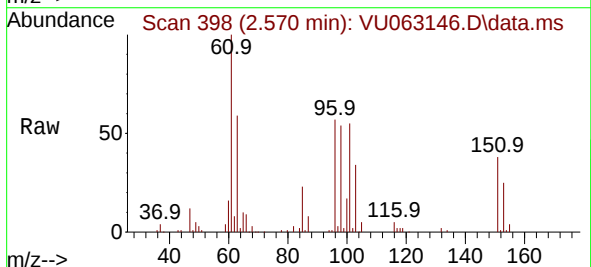
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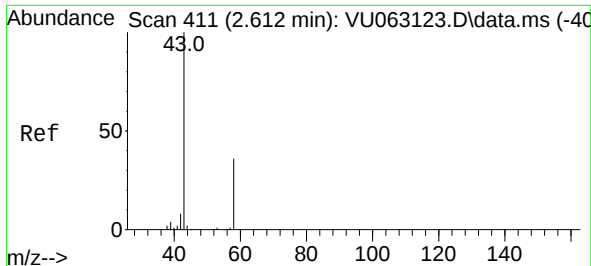
Tgt Ion:101 Resp: 33249
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.0 52.4
 151 71.6 56.3 84.5



#12
 1,1-Dichloroethene
 Concen: 5.343 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063146.D
 Acq: 05 Feb 2025 09:00

Tgt Ion: 96 Resp: 30569
 Ion Ratio Lower Upper
 96 100
 61 174.4 121.9 226.3
 63 103.0 80.3 149.1





#13

Acetone

Concen: 45.561 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

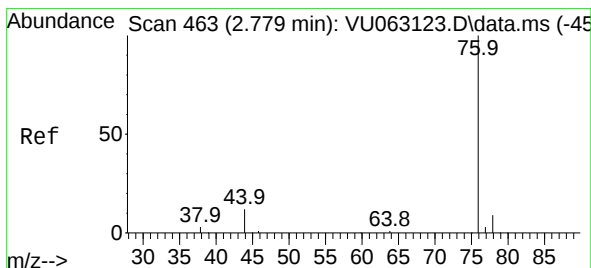
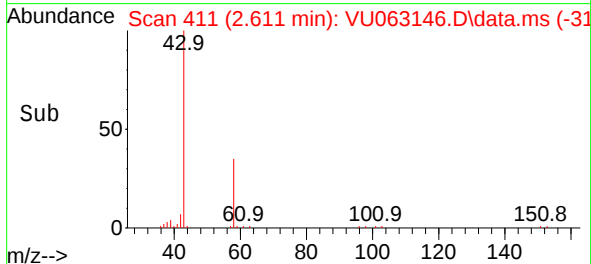
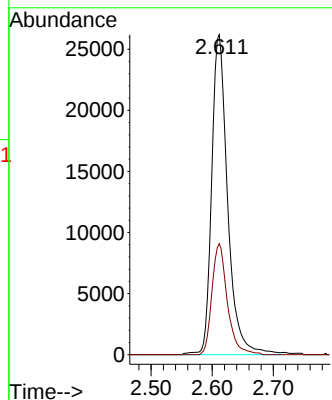
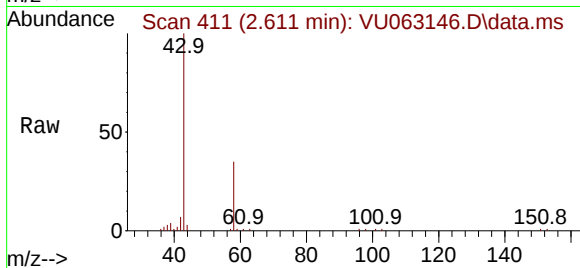
ClientSampleId :

Tgt Ion: 43 Resp: 47559

Ion Ratio Lower Upper

43 100

58 33.5 0.0 70.2



#14

Carbon disulfide

Concen: 5.361 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU063146.D

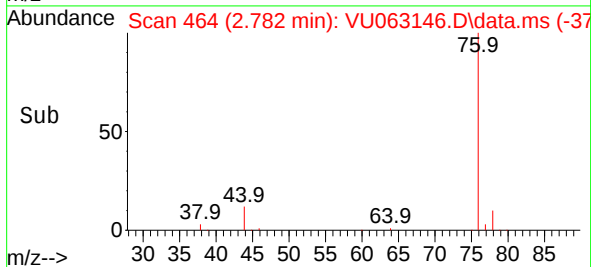
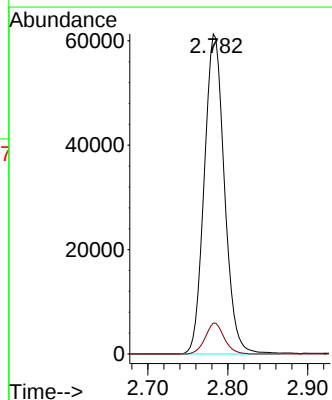
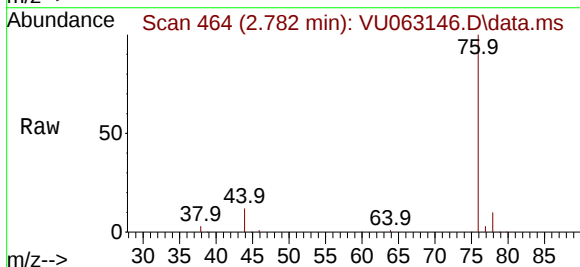
Acq: 05 Feb 2025 09:00

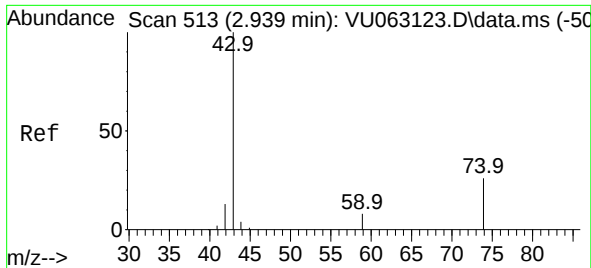
Tgt Ion: 76 Resp: 107708

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3





#15

Methyl Acetate

Concen: 4.528 ug/L

RT: 2.939 min Scan# 513

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

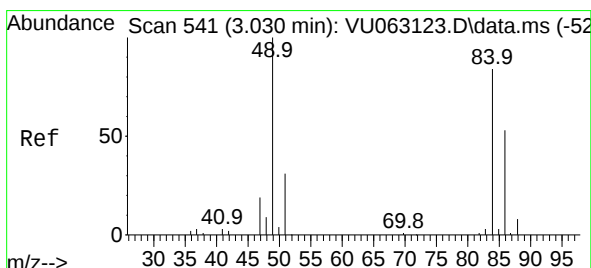
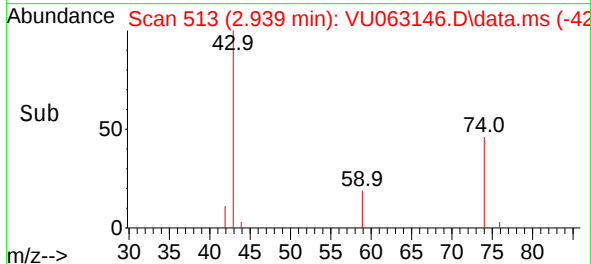
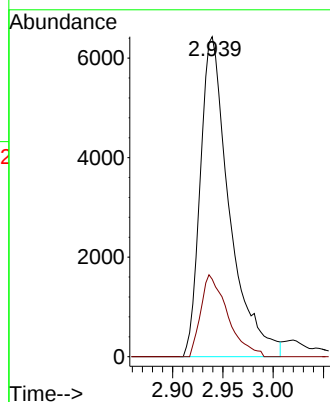
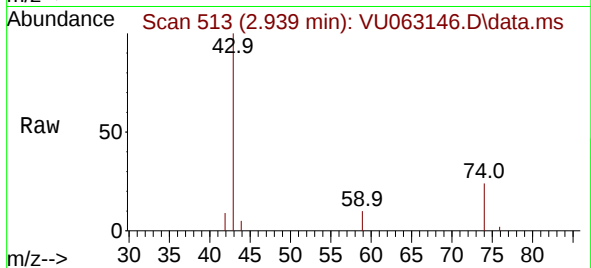
ClientSampleId :

Tgt Ion: 43 Resp: 12910

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3



#16

Methylene chloride

Concen: 5.162 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.003 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

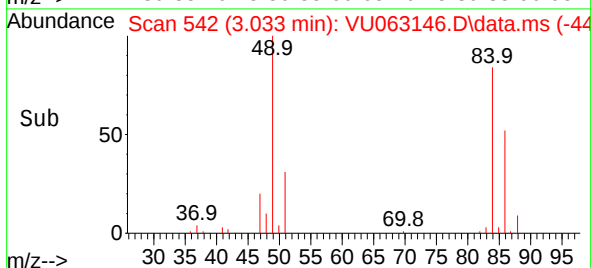
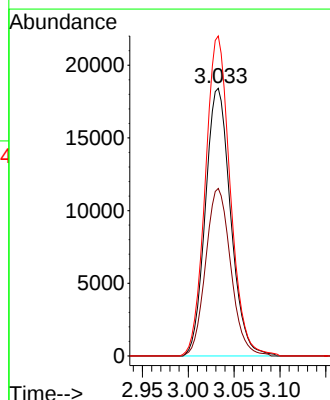
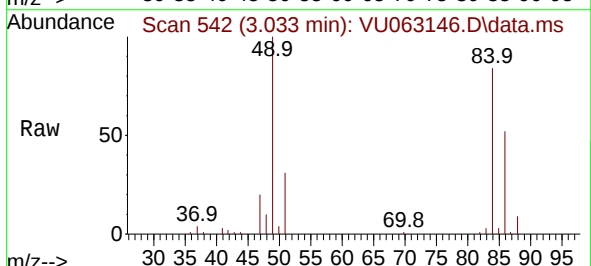
Tgt Ion: 84 Resp: 35329

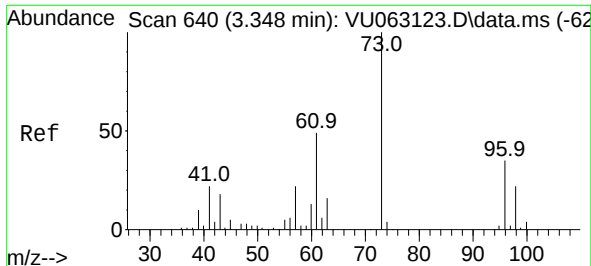
Ion Ratio Lower Upper

84 100

86 62.6 45.0 83.6

49 119.5 82.4 153.0

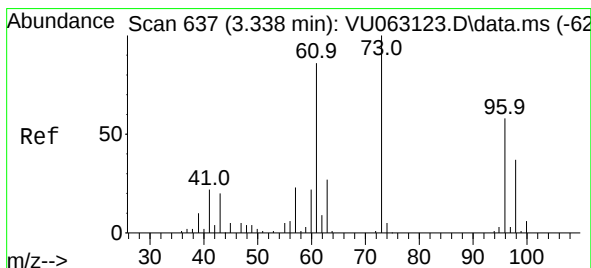
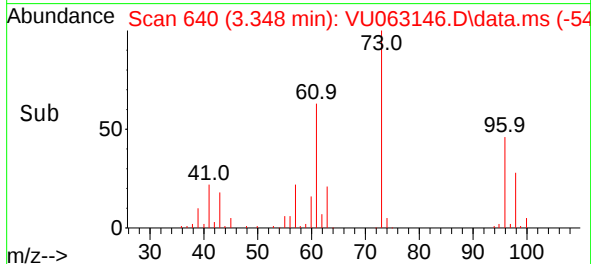
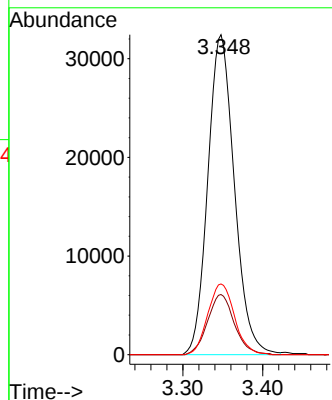
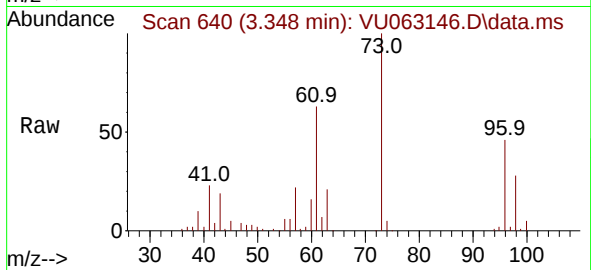




#17
Methyl tert-butyl Ether
Concen: 4.738 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

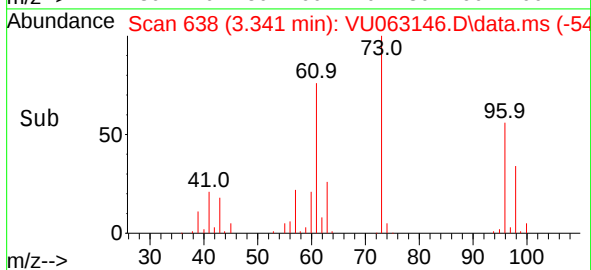
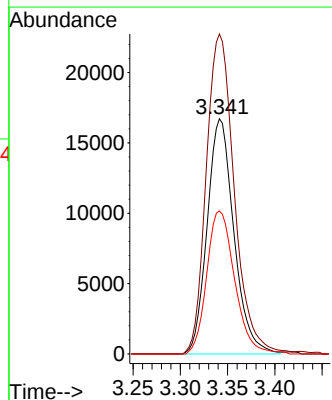
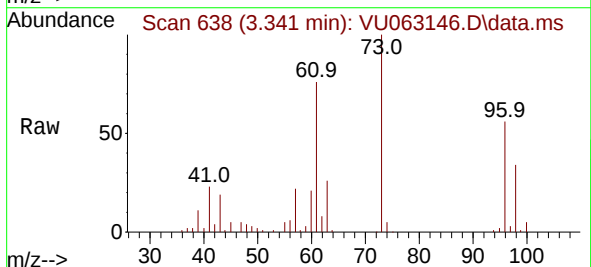
Instrument :
MSVOA_U
ClientSampleId :

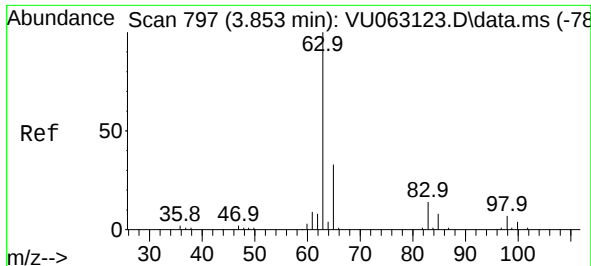
Tgt Ion: 73 Resp: 74712
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7
57 22.3 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.380 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

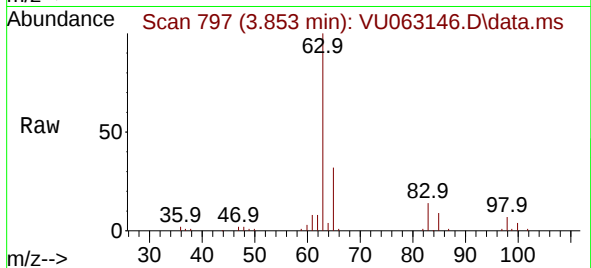
Tgt Ion: 96 Resp: 32912
Ion Ratio Lower Upper
96 100
61 136.0 99.2 184.2
98 60.8 43.2 80.2



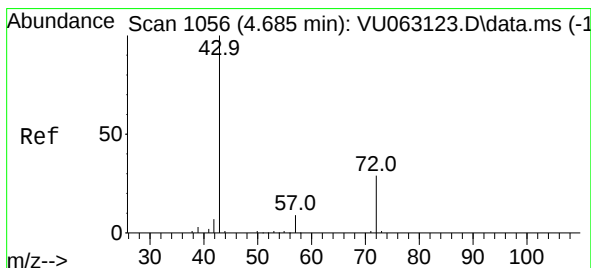
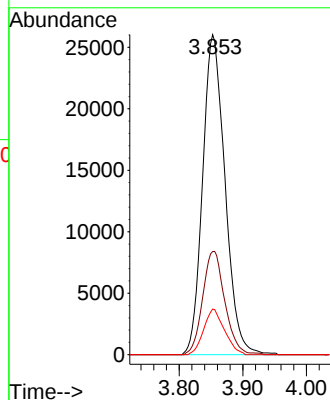
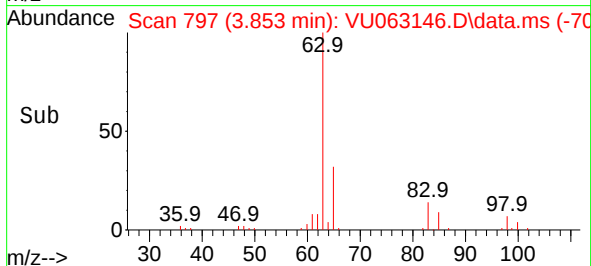


#19
1,1-Dichloroethane
Concen: 5.175 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Instrument :
MSVOA_U
ClientSampleId :

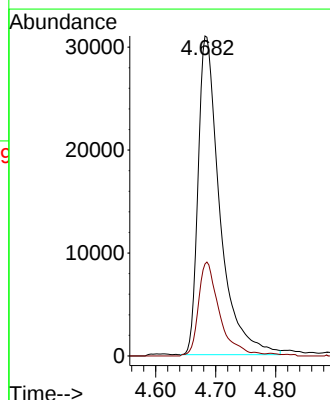
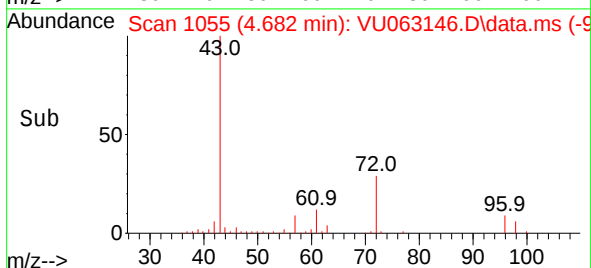
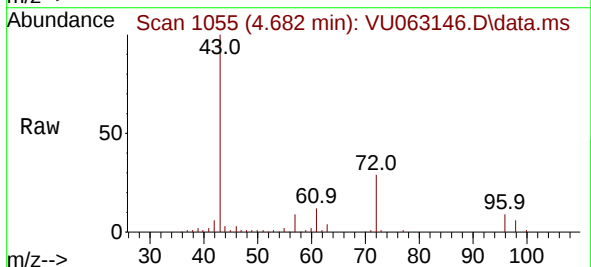


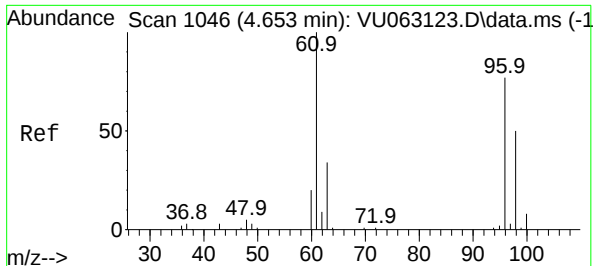
Tgt Ion: 63 Resp: 63650
Ion Ratio Lower Upper
63 100
65 32.3 23.2 43.0
83 14.3 8.7 16.1



#21
2-Butanone
Concen: 45.059 ug/L
RT: 4.682 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion: 43 Resp: 78094
Ion Ratio Lower Upper
43 100
72 28.2 13.9 41.7

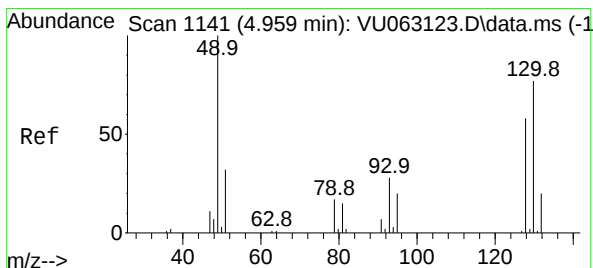
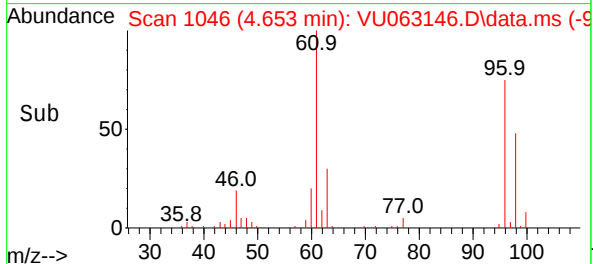
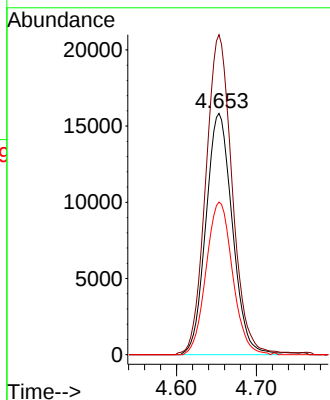
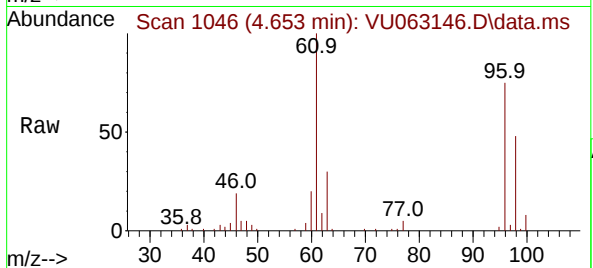




#22
 cis-1,2-Dichloroethene
 Concen: 5.328 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU063146.D
 Acq: 05 Feb 2025 09:00

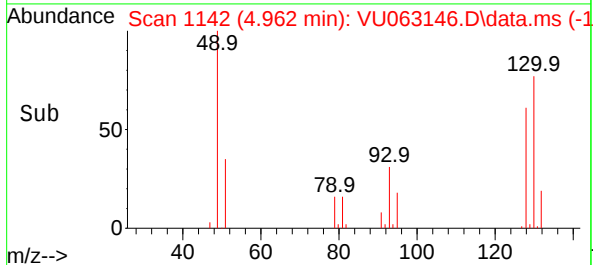
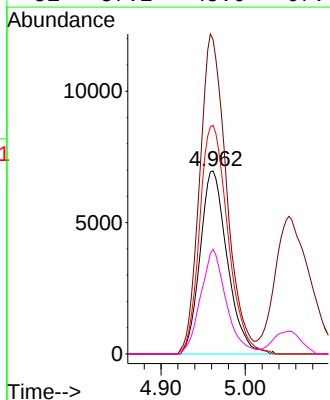
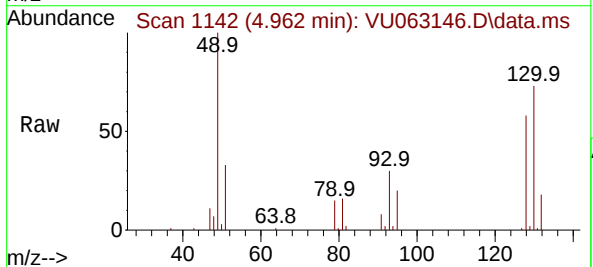
Instrument :
 MSVOA_U
 ClientSampleId :

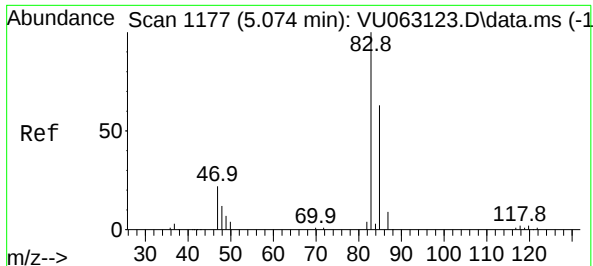
Tgt Ion: 96 Resp: 36366
 Ion Ratio Lower Upper
 96 100
 61 132.6 91.8 170.6
 98 63.3 44.4 82.4



#23
 Bromochloromethane
 Concen: 5.106 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.003 min
 Lab File: VU063146.D
 Acq: 05 Feb 2025 09:00

Tgt Ion:128 Resp: 15634
 Ion Ratio Lower Upper
 128 100
 49 171.6 121.2 225.2
 130 124.9 89.2 165.6
 51 57.2 45.0 67.4

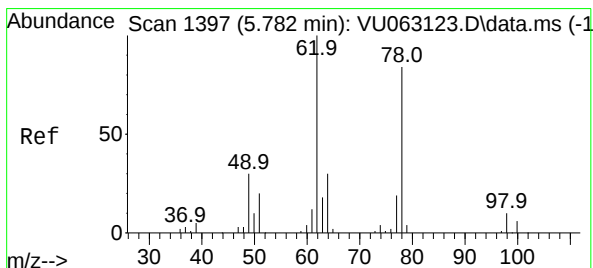
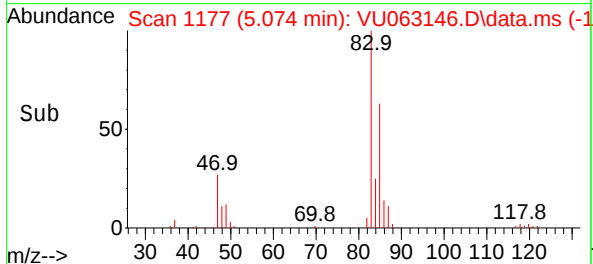
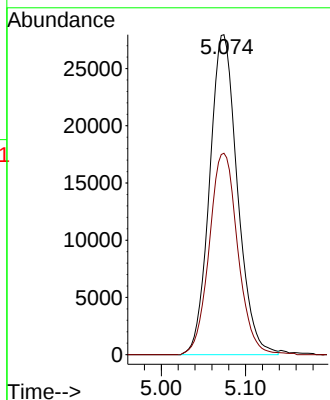
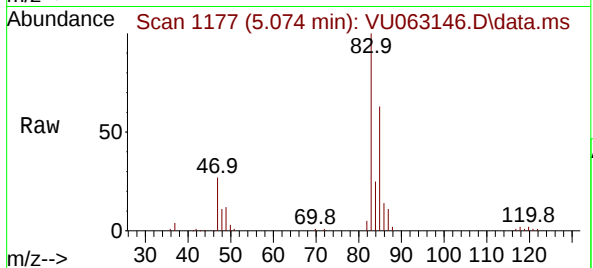




#25
Chloroform
Concen: 5.297 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

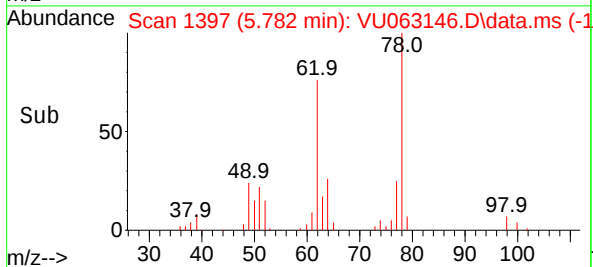
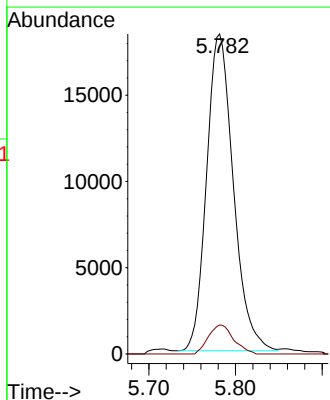
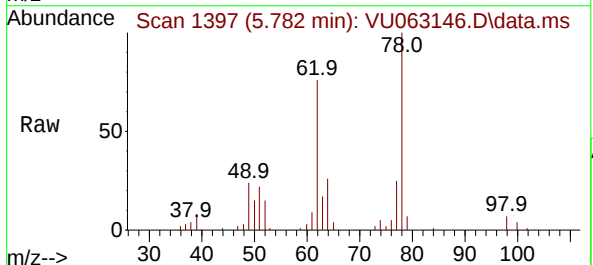
Instrument :
MSVOA_U
ClientSampleId :

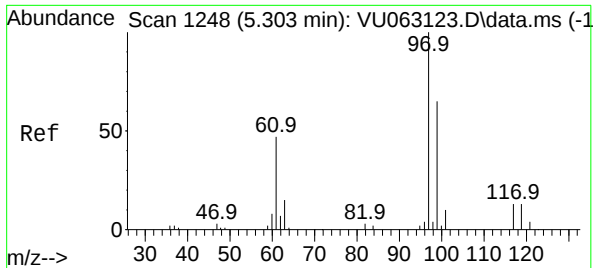
Tgt Ion: 83 Resp: 64131
Ion Ratio Lower Upper
83 100
85 63.0 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.943 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion: 62 Resp: 39428
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

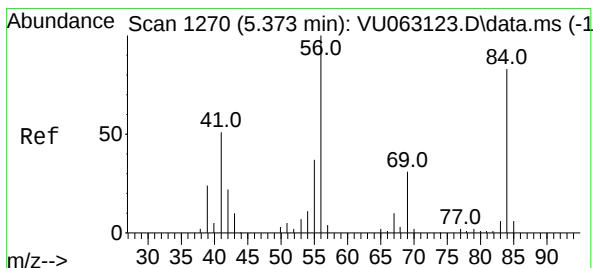
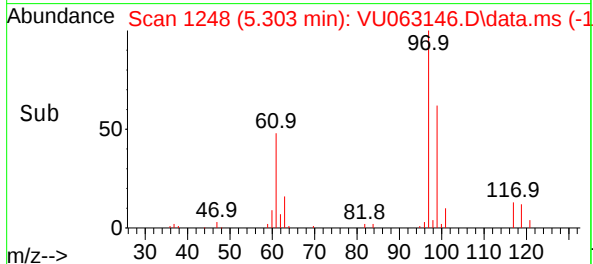
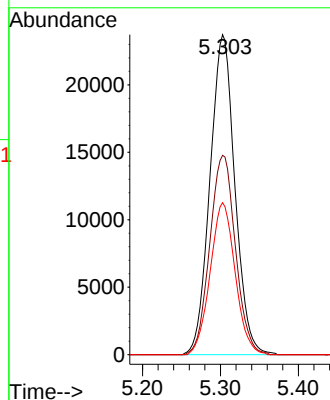
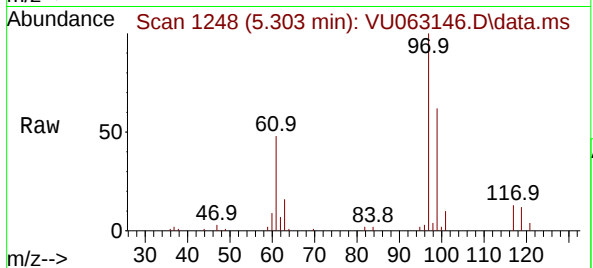




#29
1,1,1-Trichloroethane
Concen: 5.369 ug/L
RT: 5.303 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

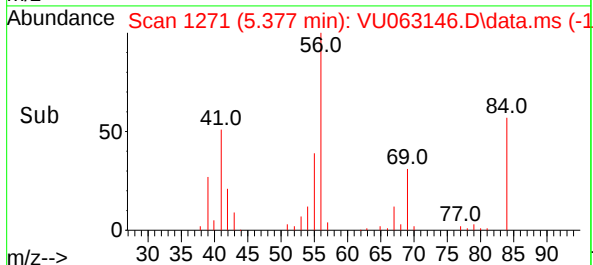
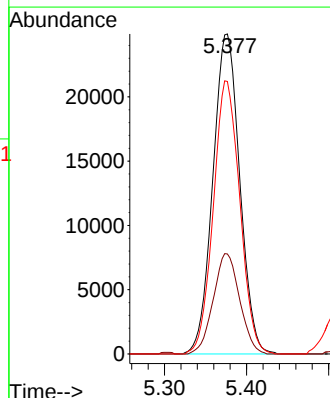
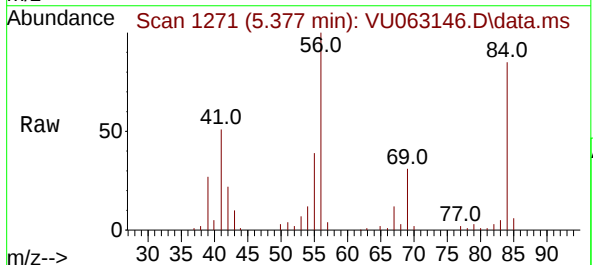
Instrument :
MSVOA_U
ClientSampleId :

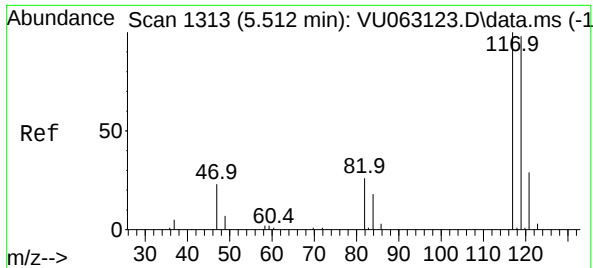
Tgt Ion:	97	Resp:	52691
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	47.6	38.5	57.7



#30
Cyclohexane
Concen: 5.463 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion:	56	Resp:	56753
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	37.0
84	84.1	67.9	101.9

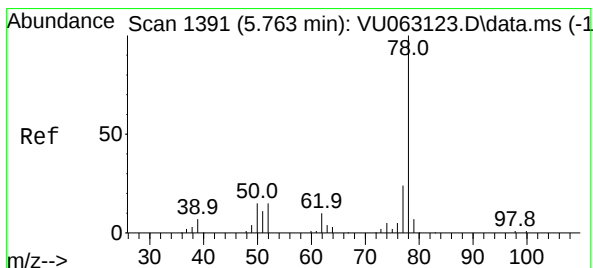
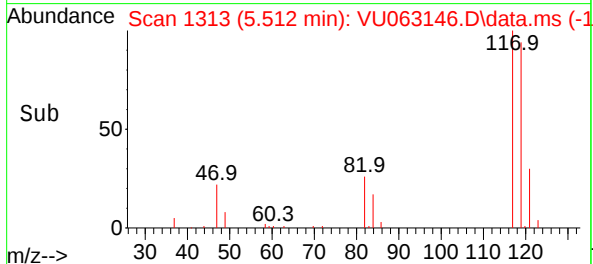
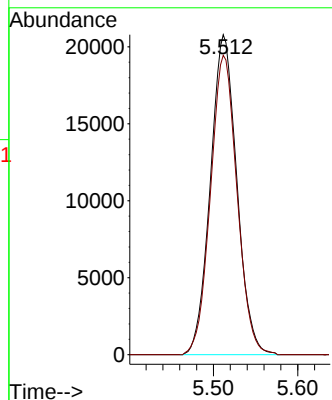
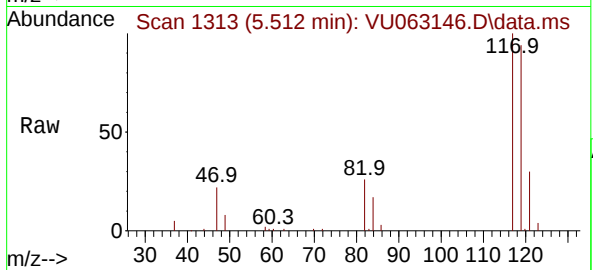




#31
Carbon tetrachloride
Concen: 5.459 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

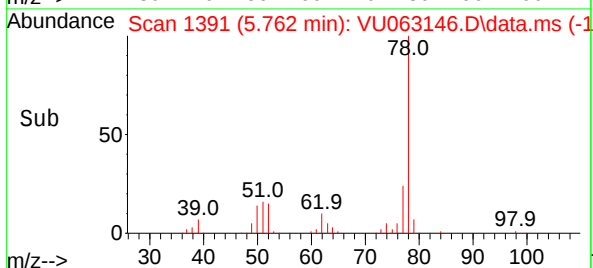
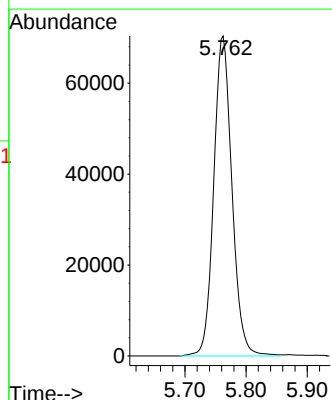
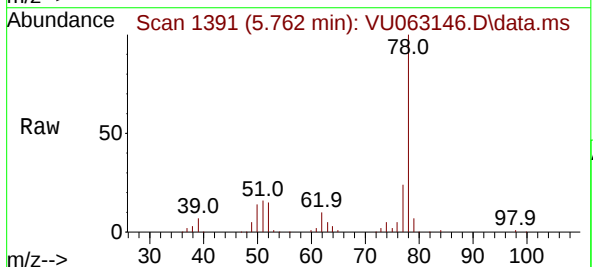
Instrument :
MSVOA_U
ClientSampleId :

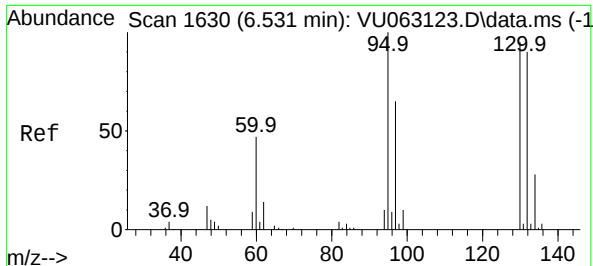
Tgt Ion:117 Resp: 45206
Ion Ratio Lower Upper
117 100
119 94.1 77.0 115.4



#33
Benzene
Concen: 5.337 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion: 78 Resp: 145616





#34

Trichloroethene

Concen: 5.388 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 37336

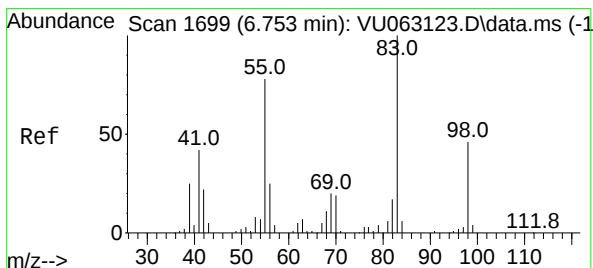
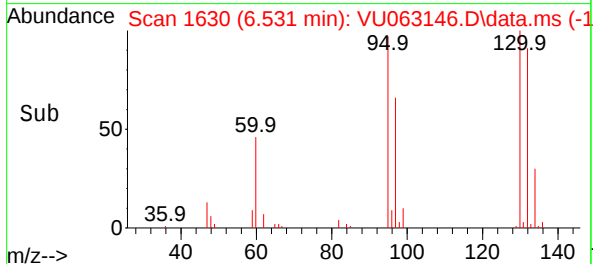
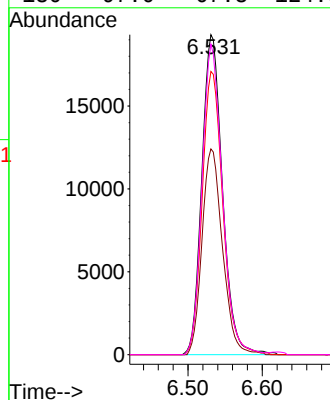
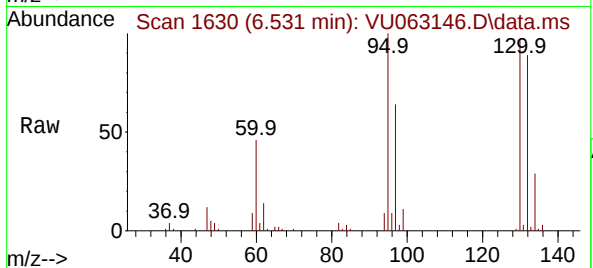
Ion Ratio Lower Upper

95 100

97 64.3 46.7 86.7

132 88.5 62.4 115.8

130 97.0 67.3 124.9



#35

Methylcyclohexane

Concen: 5.637 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

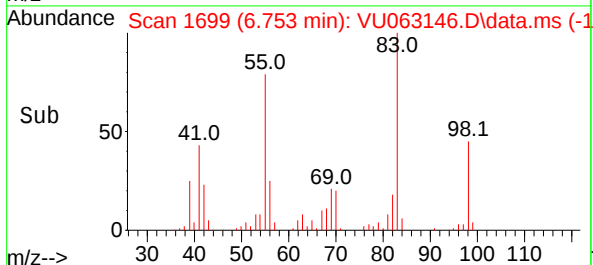
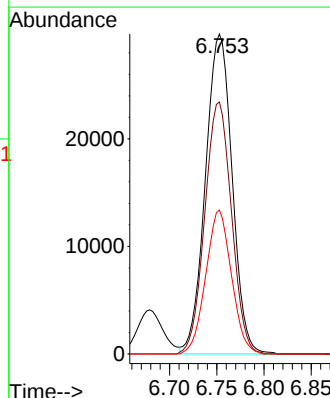
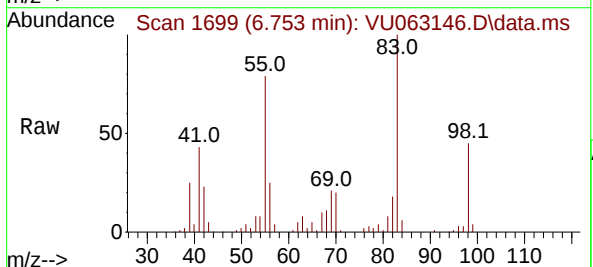
Tgt Ion: 83 Resp: 58535

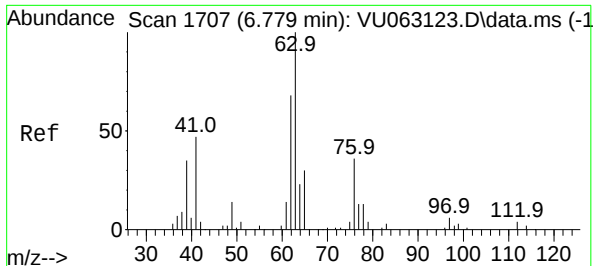
Ion Ratio Lower Upper

83 100

55 78.6 62.8 94.2

98 43.2 36.0 54.0

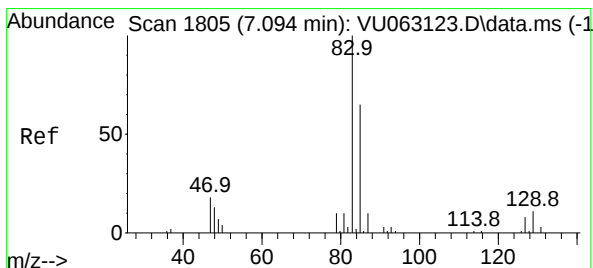
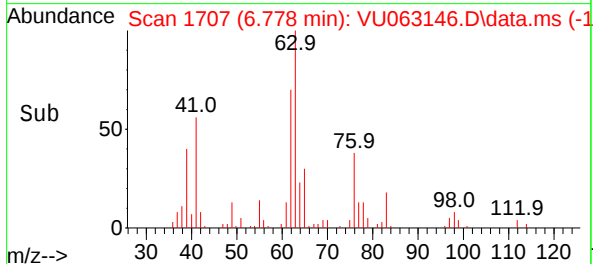
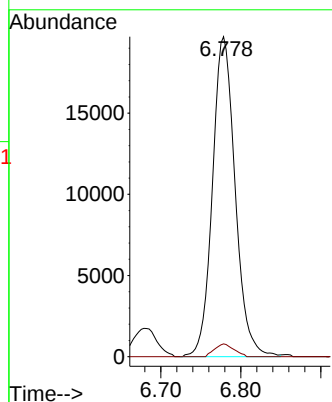
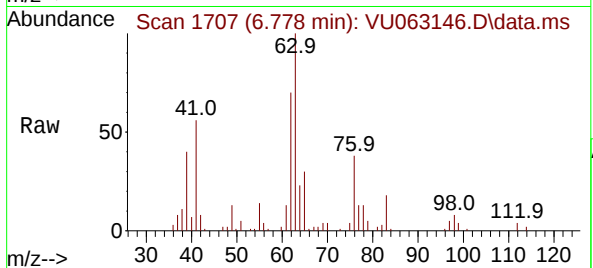




#37
1,2-Dichloropropane
Concen: 5.346 ug/L
RT: 6.778 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

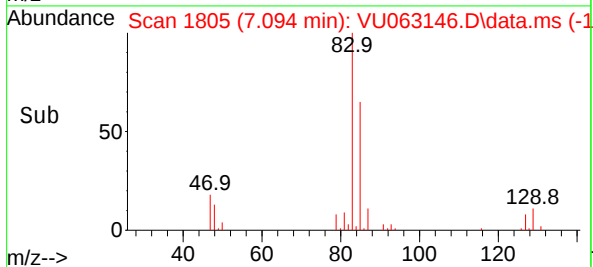
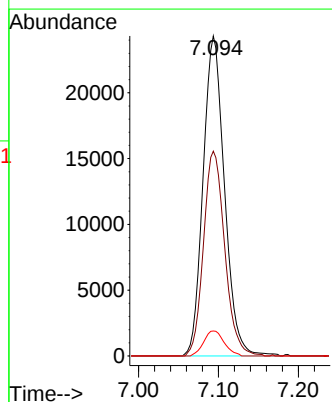
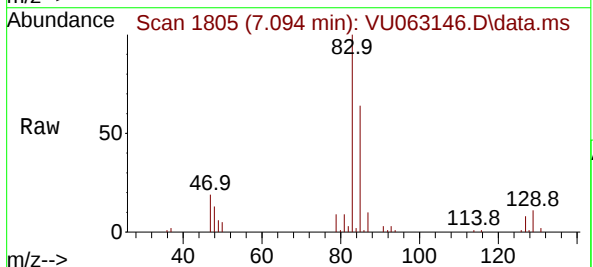
Instrument :
MSVOA_U
ClientSampleId :

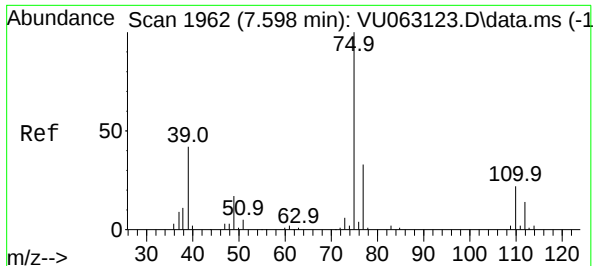
Tgt Ion: 63 Resp: 38904
Ion Ratio Lower Upper
63 100
112 3.4 2.6 4.0



#38
Bromodichloromethane
Concen: 5.185 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion: 83 Resp: 45308
Ion Ratio Lower Upper
83 100
85 64.0 44.0 81.8
127 7.8 6.3 9.5

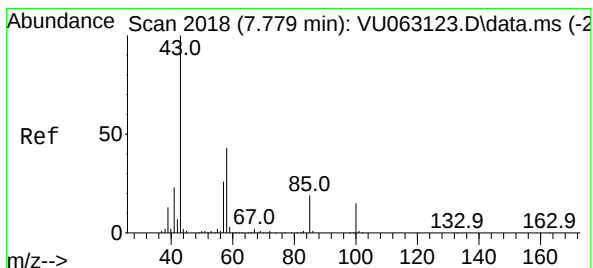
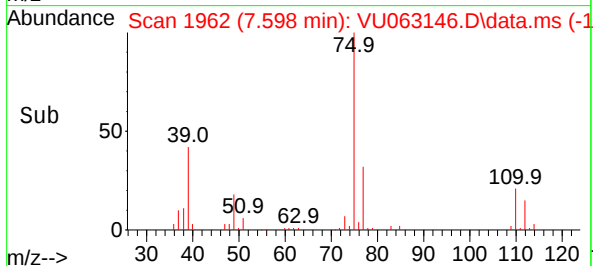
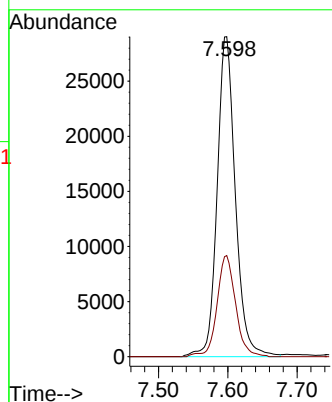
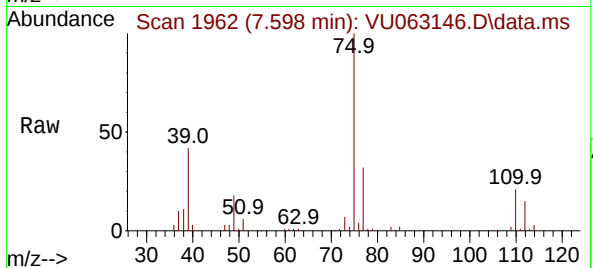




#39
 cis-1,3-Dichloropropene
 Concen: 5.118 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063146.D
 Acq: 05 Feb 2025 09:00

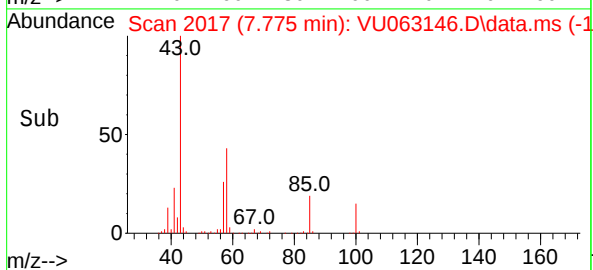
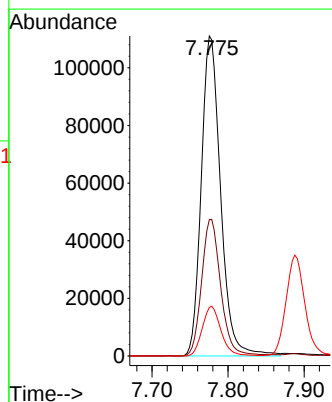
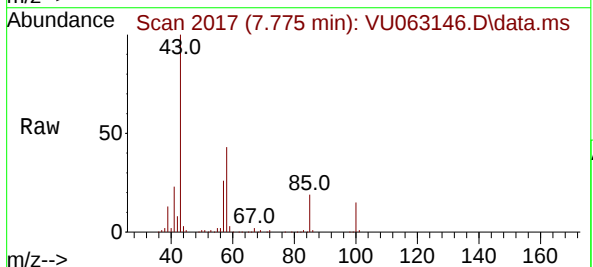
Instrument :
 MSVOA_U
 ClientSampleId :

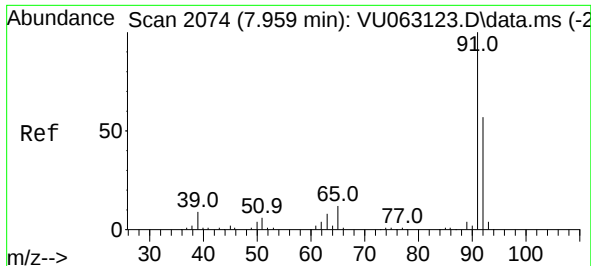
Tgt Ion: 75 Resp: 53116
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 45.795 ug/L
 RT: 7.775 min Scan# 2017
 Delta R.T. -0.003 min
 Lab File: VU063146.D
 Acq: 05 Feb 2025 09:00

Tgt Ion: 43 Resp: 196703
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.7 50.5
 100 15.0 12.1 18.1





#42

Toluene

Concen: 5.475 ug/L

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

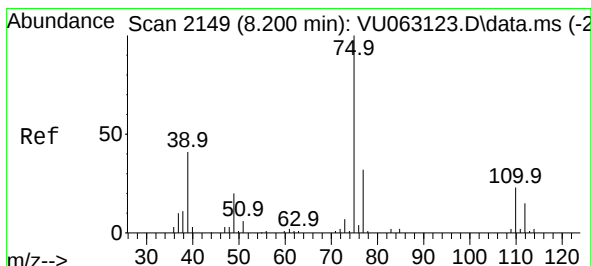
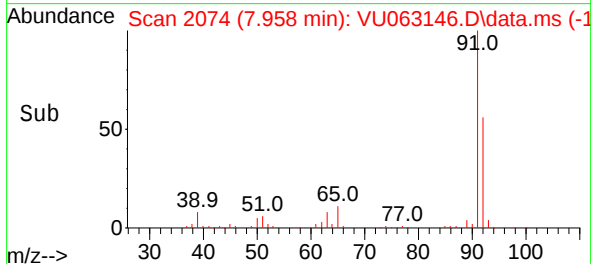
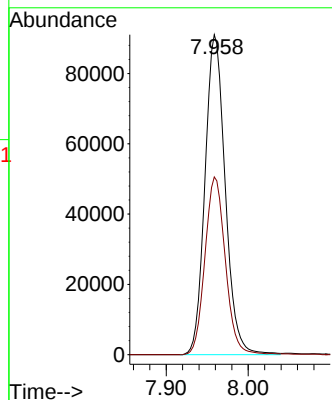
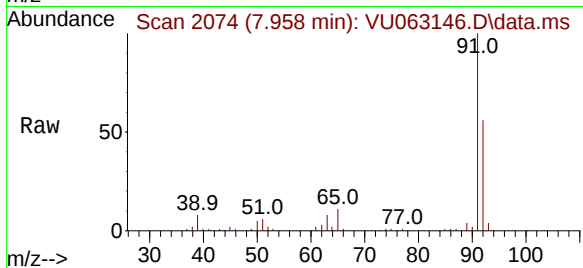
ClientSampleId :

Tgt Ion: 91 Resp: 156126

Ion Ratio Lower Upper

91 100

92 55.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.049 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063146.D

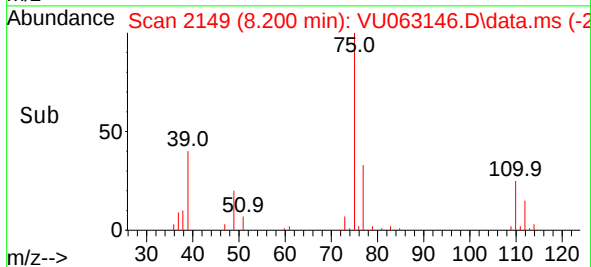
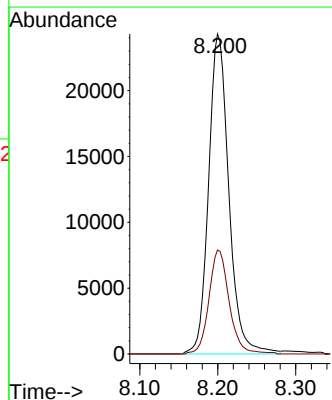
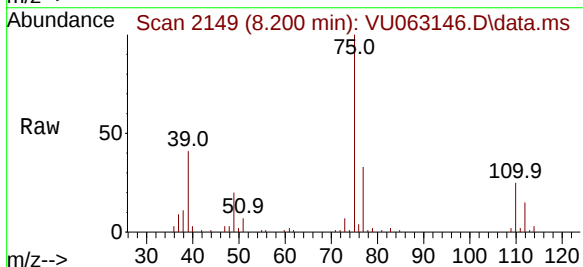
Acq: 05 Feb 2025 09:00

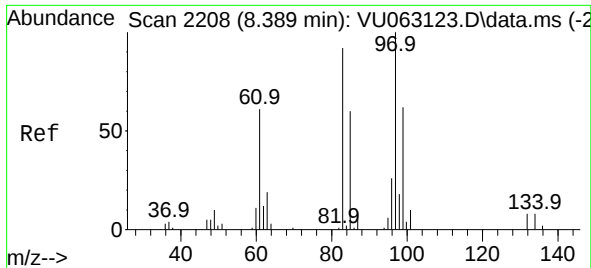
Tgt Ion: 75 Resp: 43865

Ion Ratio Lower Upper

75 100

77 32.5 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 4.858 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 26111

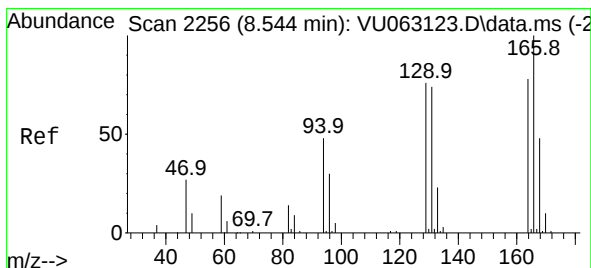
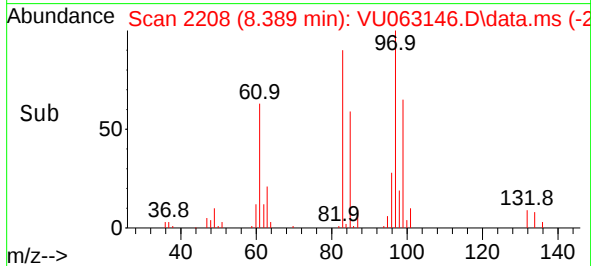
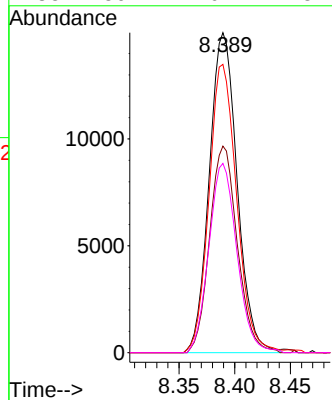
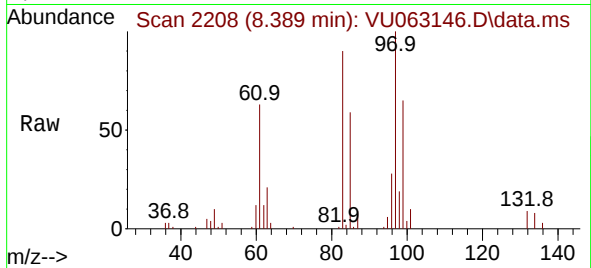
Ion Ratio Lower Upper

97 100

99 64.6 42.2 78.4

83 90.1 62.9 116.9

85 59.1 40.4 75.0



#47

Tetrachloroethene

Concen: 5.442 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Tgt Ion: 164 Resp: 26486

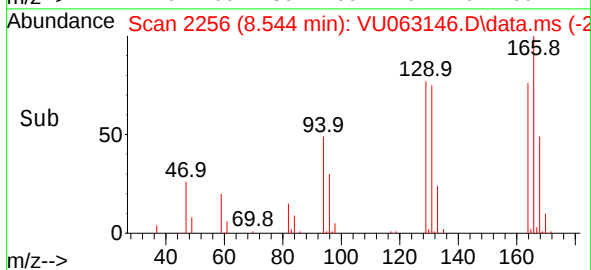
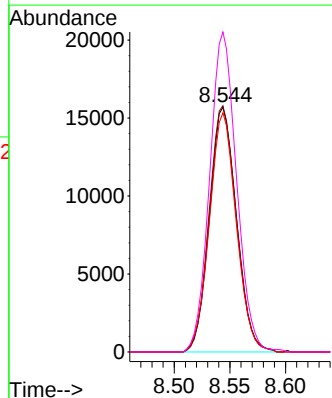
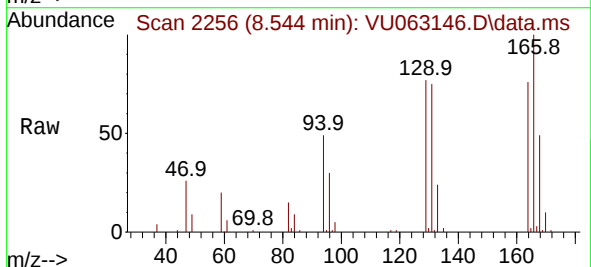
Ion Ratio Lower Upper

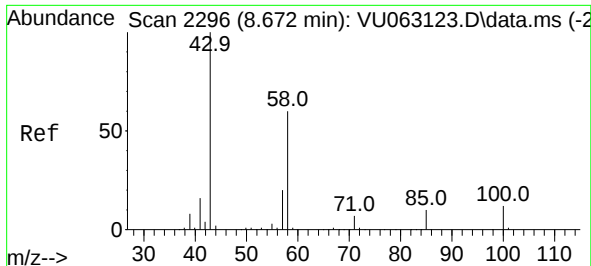
164 100

129 100.6 68.6 127.4

131 97.8 66.5 123.5

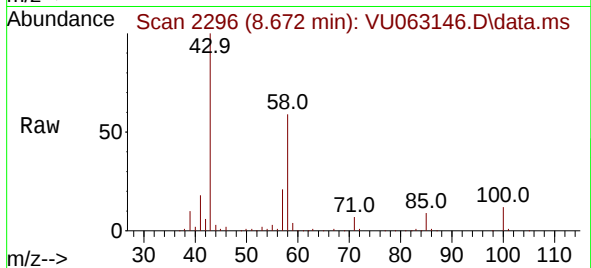
166 130.8 89.9 167.0



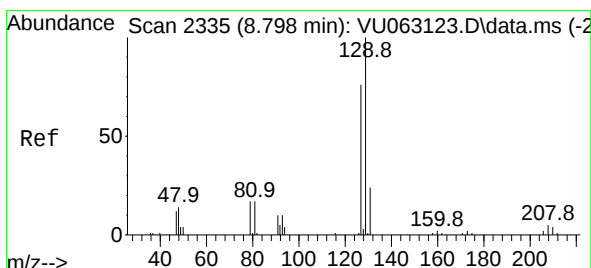
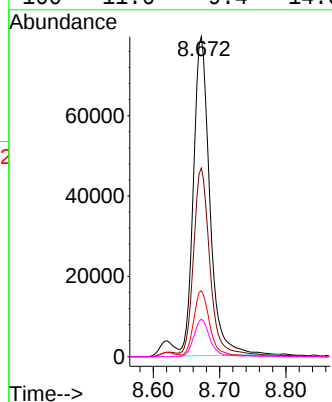
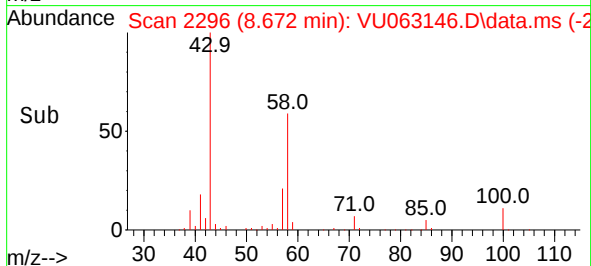


#48
2-Hexanone
Concen: 44.943 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Instrument :
MSVOA_U
ClientSampleId :

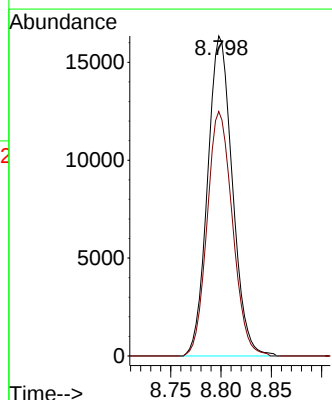
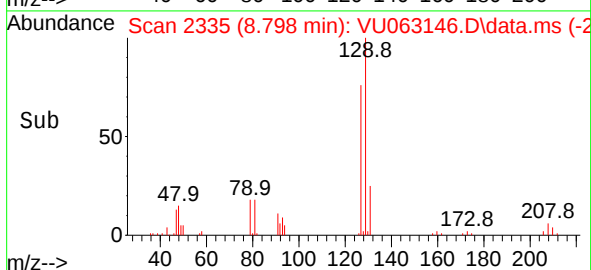
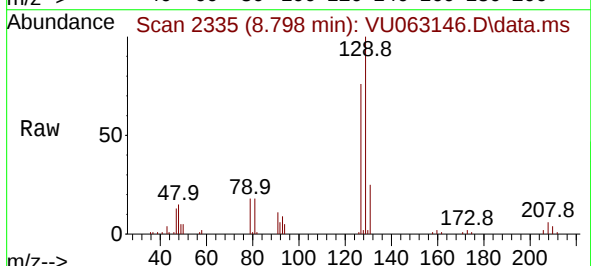


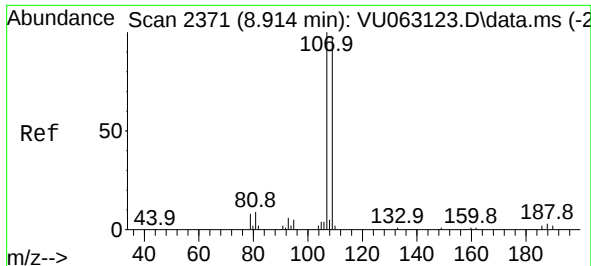
Tgt Ion: 43 Resp: 136190
Ion Ratio Lower Upper
43 100
58 58.8 45.8 68.8
57 20.1 15.7 23.5
100 11.6 9.4 14.0



#49
Dibromochloromethane
Concen: 4.976 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

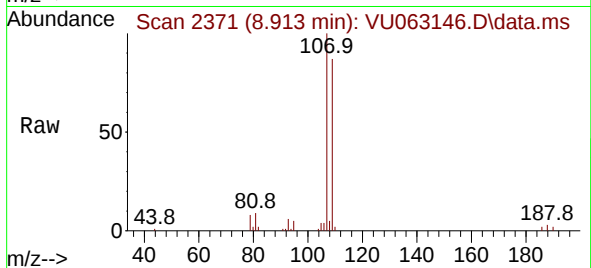
Tgt Ion:129 Resp: 28147
Ion Ratio Lower Upper
129 100
127 76.4 53.8 99.8



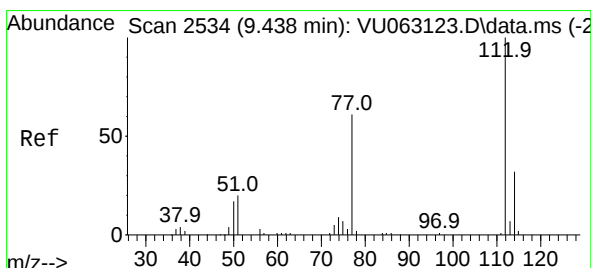
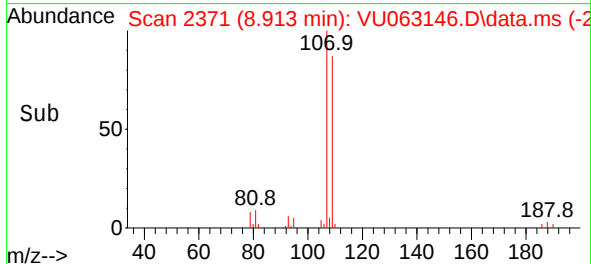
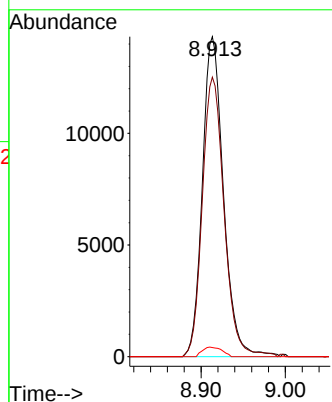


#50
1,2-Dibromoethane
Concen: 5.070 ug/L
RT: 8.913 min Scan# 24
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Instrument :
MSVOA_U
ClientSampleId :

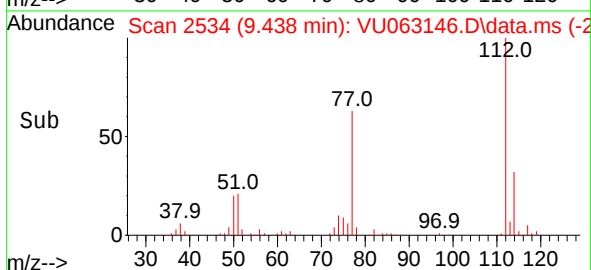
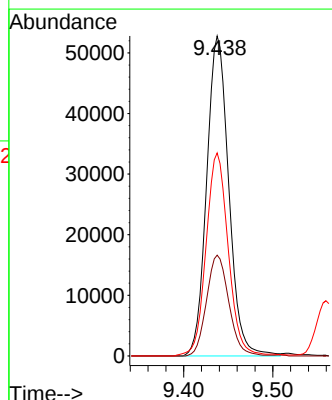
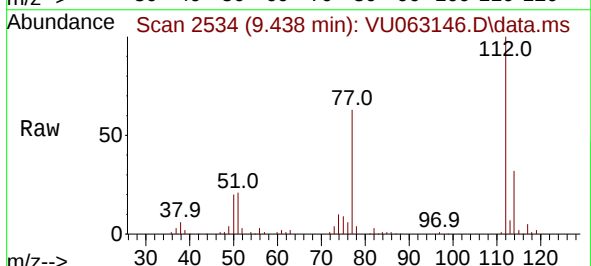


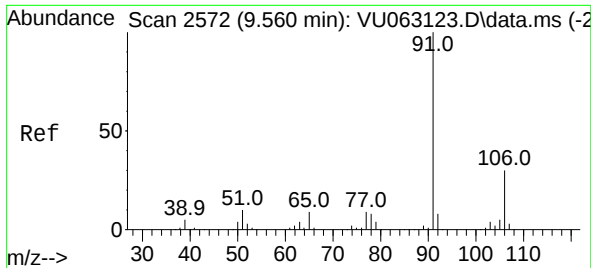
Tgt Ion:107 Resp: 24993
Ion Ratio Lower Upper
107 100
109 87.4 67.6 125.6
188 2.8 2.6 3.8



#51
Chlorobenzene
Concen: 5.279 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion:112 Resp: 90877
Ion Ratio Lower Upper
112 100
114 31.5 22.6 42.0
77 63.4 50.8 76.2





#52

Ethylbenzene

Concen: 5.436 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

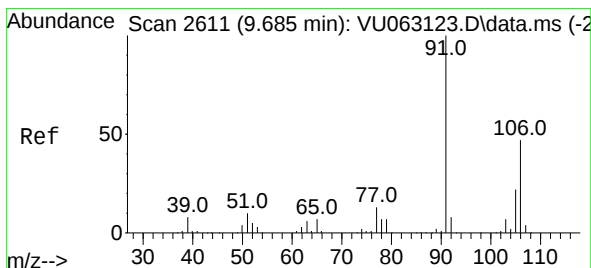
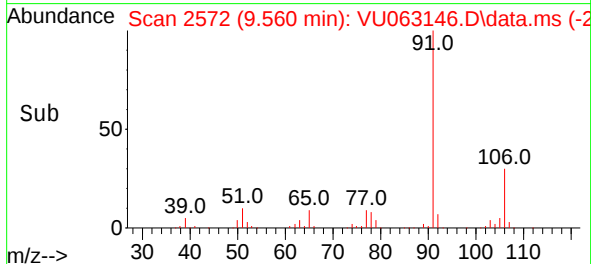
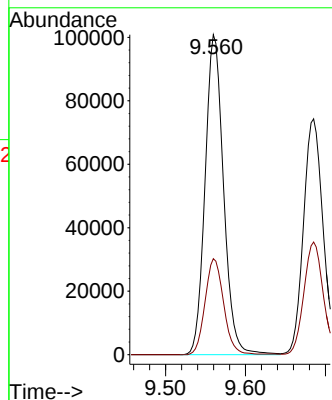
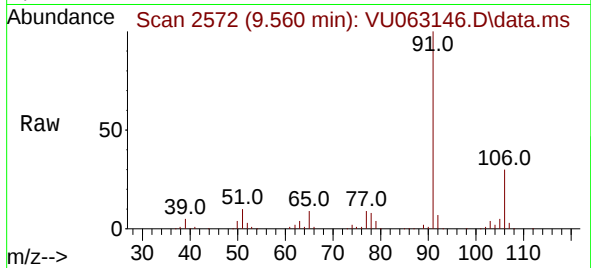
ClientSampleId :

Tgt Ion: 91 Resp: 162160

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.6



#53

m,p-Xylene

Concen: 5.565 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063146.D

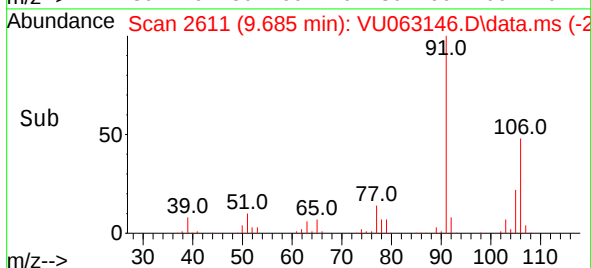
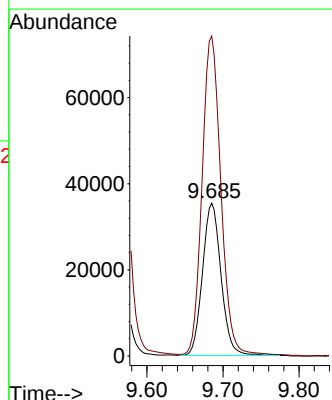
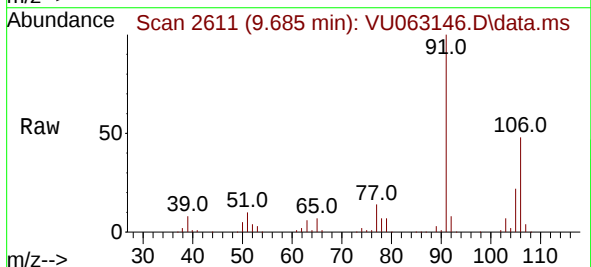
Acq: 05 Feb 2025 09:00

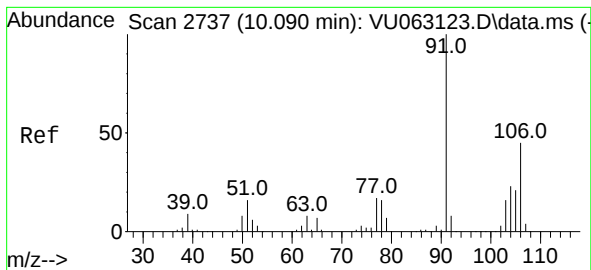
Tgt Ion:106 Resp: 59880

Ion Ratio Lower Upper

106 100

91 209.4 147.3 273.6





#54

o-Xylene

Concen: 5.435 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

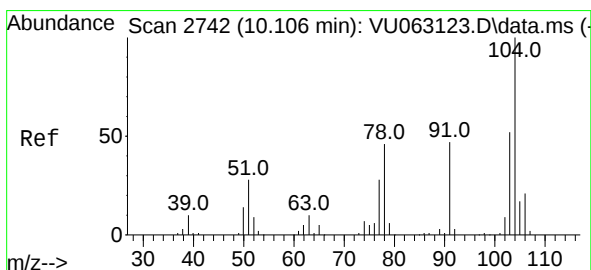
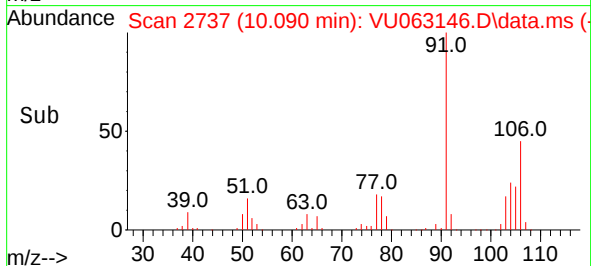
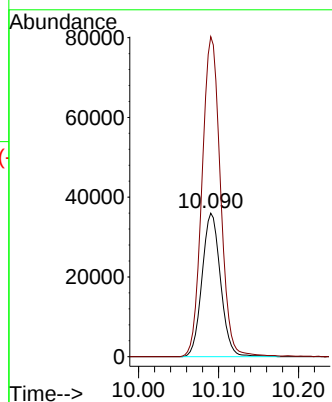
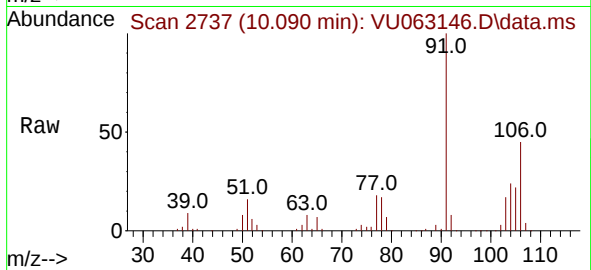
ClientSampleId :

Tgt Ion:106 Resp: 57988

Ion Ratio Lower Upper

106 100

91 223.0 155.4 288.6



#55

Styrene

Concen: 5.493 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063146.D

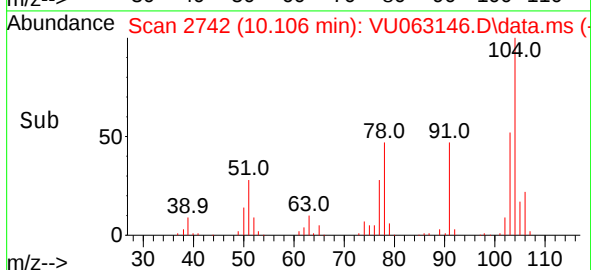
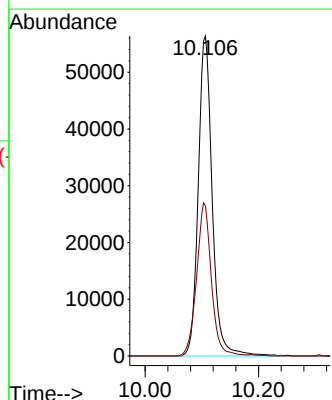
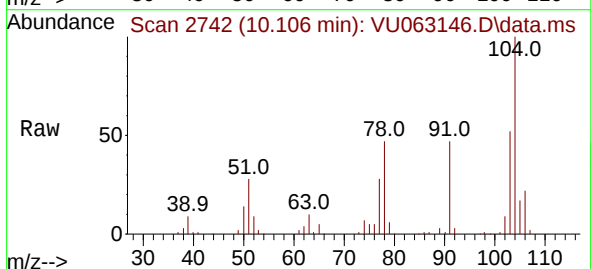
Acq: 05 Feb 2025 09:00

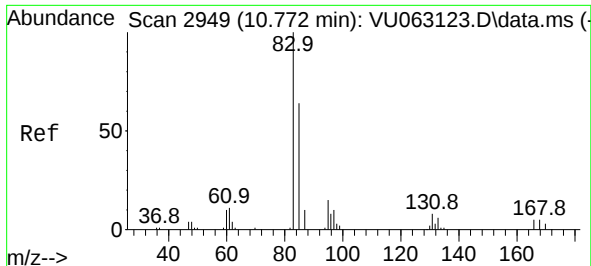
Tgt Ion:104 Resp: 96481

Ion Ratio Lower Upper

104 100

78 46.9 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.751 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

ClientSampleId :

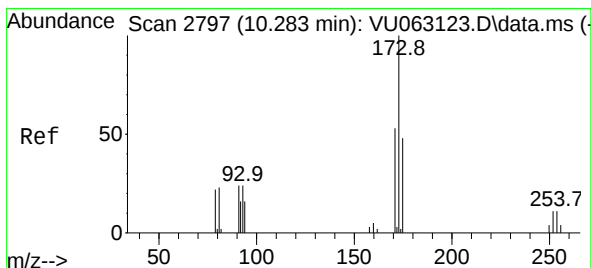
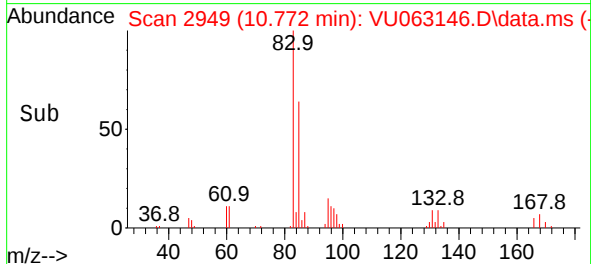
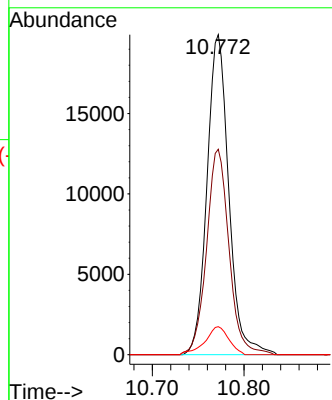
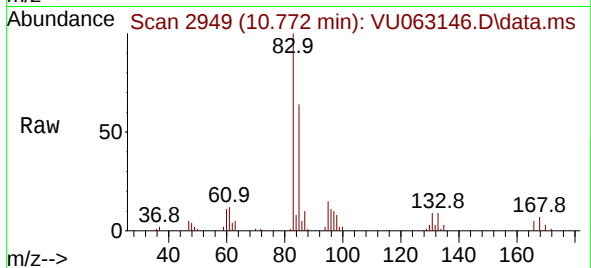
Tgt Ion: 83 Resp: 32777

Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.8

131 8.7 7.4 11.0



#59

Bromoform

Concen: 4.885 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

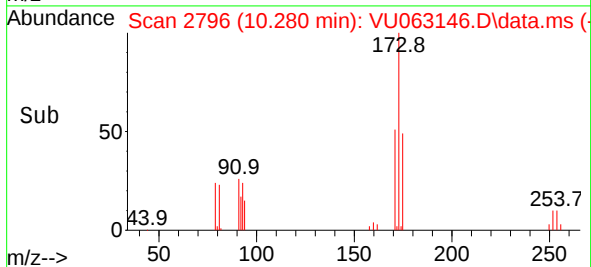
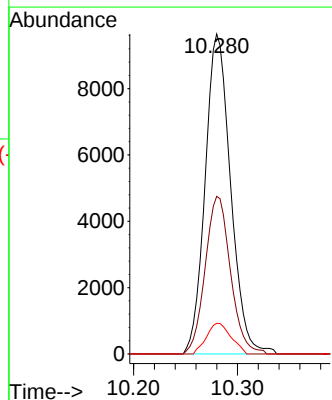
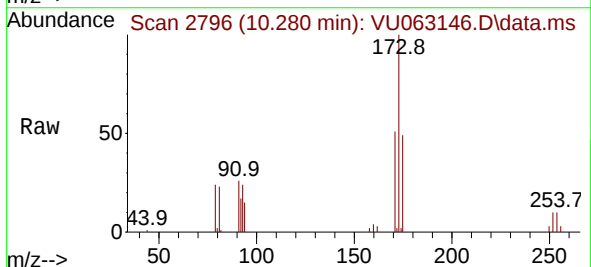
Tgt Ion:173 Resp: 16437

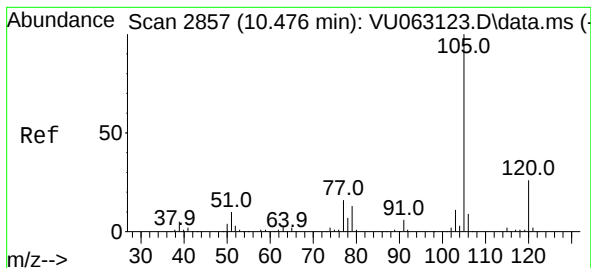
Ion Ratio Lower Upper

173 100

175 48.9 37.7 56.5

254 9.2 7.9 11.9





#60

Isopropylbenzene

Concen: 5.642 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063146.D

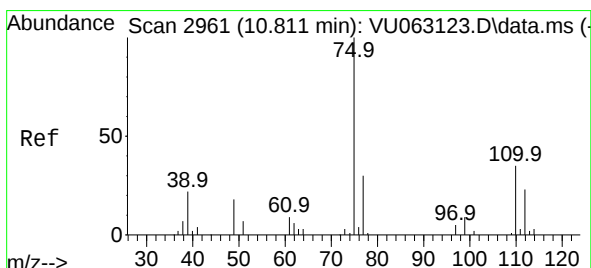
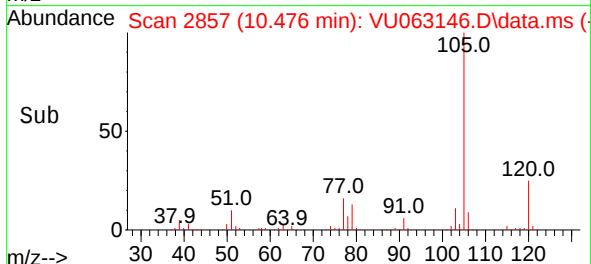
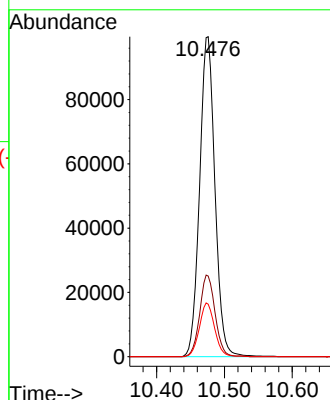
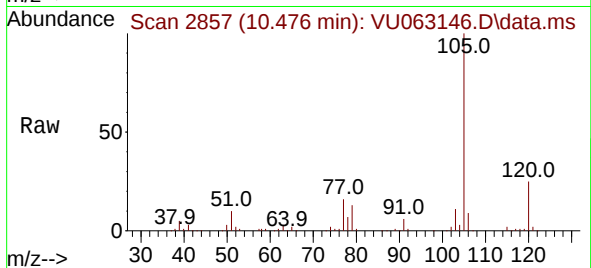
Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	156355
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.8	31.2
77	16.7	13.3	19.9



#61

1,2,3-Trichloropropane

Concen: 4.648 ug/L

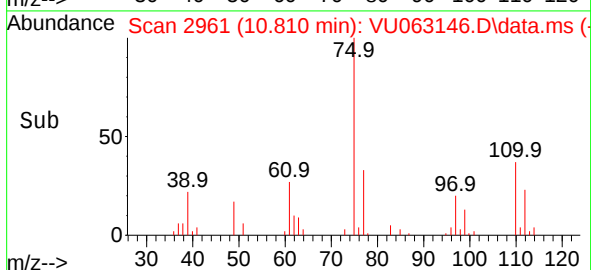
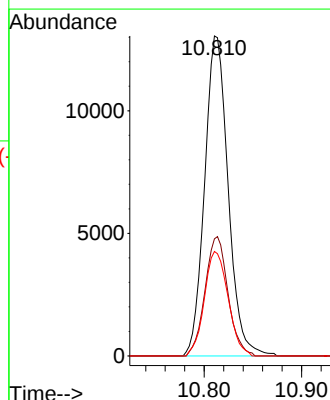
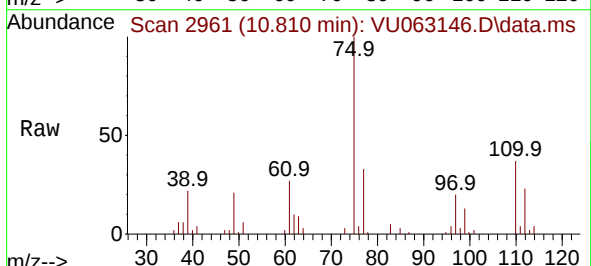
RT: 10.810 min Scan# 2961

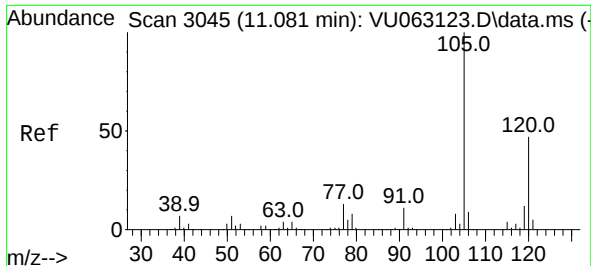
Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Tgt Ion:	75	Resp:	21891
Ion Ratio	Lower	Upper	
75	100		
110	36.4	27.4	41.0
77	32.9	26.3	39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.623 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

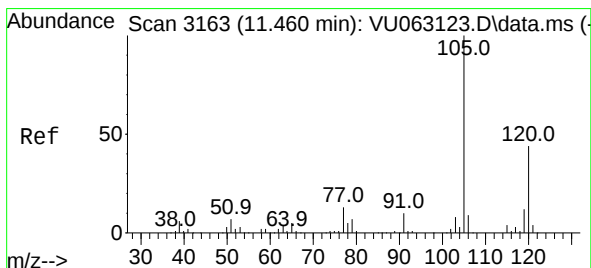
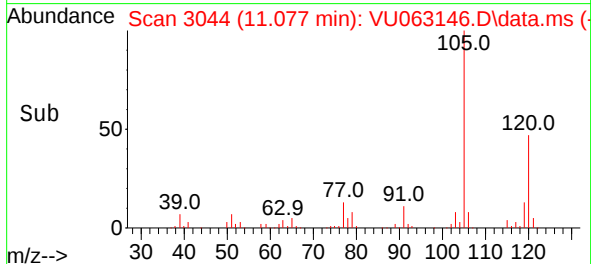
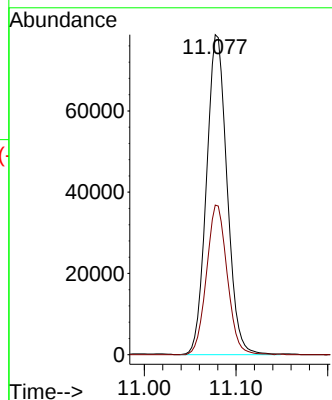
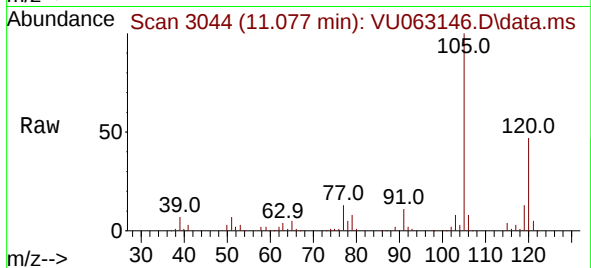
ClientSampleId :

Tgt Ion:105 Resp: 122902

Ion Ratio Lower Upper

105 100

120 47.0 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 5.669 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU063146.D

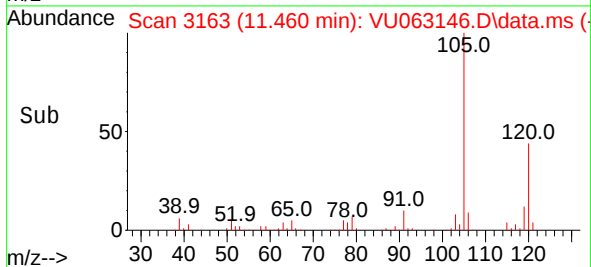
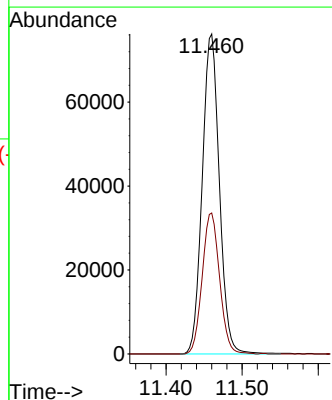
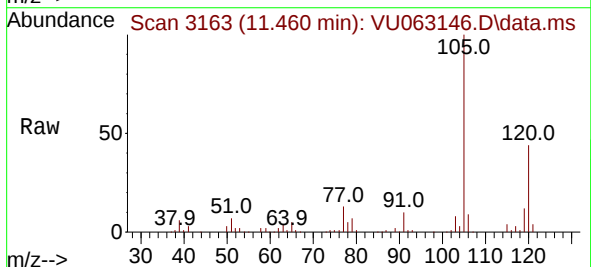
Acq: 05 Feb 2025 09:00

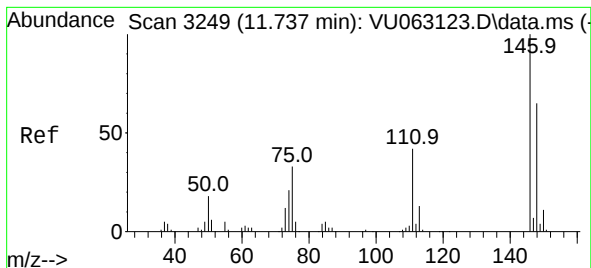
Tgt Ion:105 Resp: 119152

Ion Ratio Lower Upper

105 100

120 44.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.505 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

ClientSampleId :

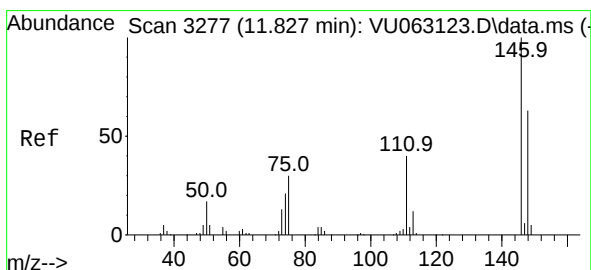
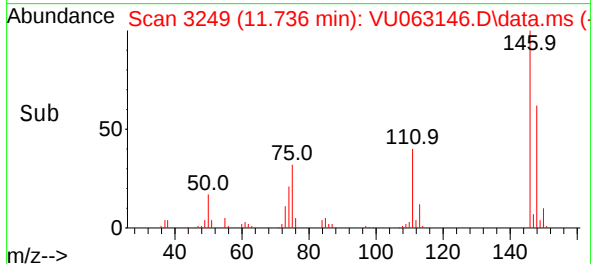
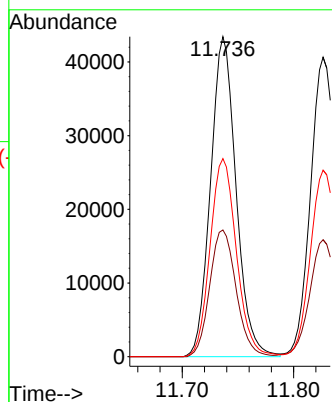
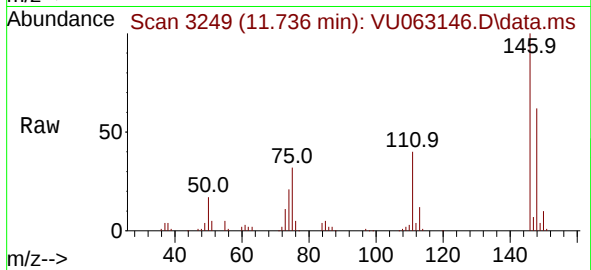
Tgt Ion:146 Resp: 69124

Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.7

148 61.9 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.487 ug/L

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

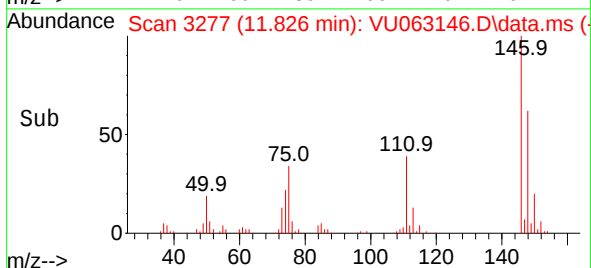
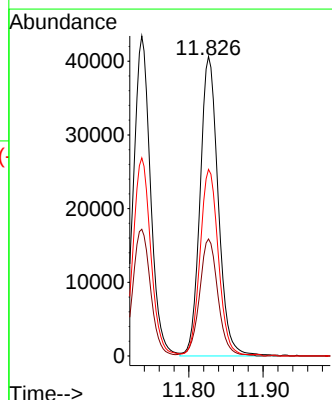
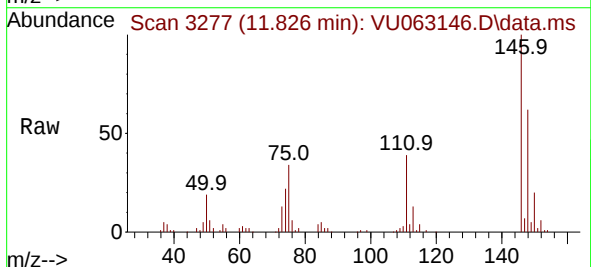
Tgt Ion:146 Resp: 69263

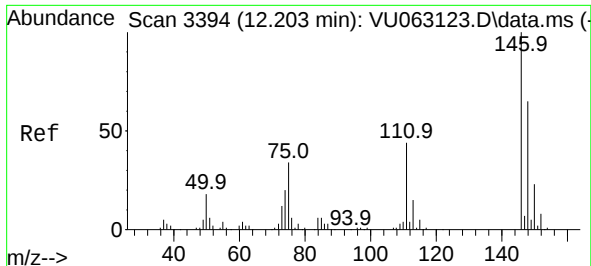
Ion Ratio Lower Upper

146 100

111 39.1 28.5 52.9

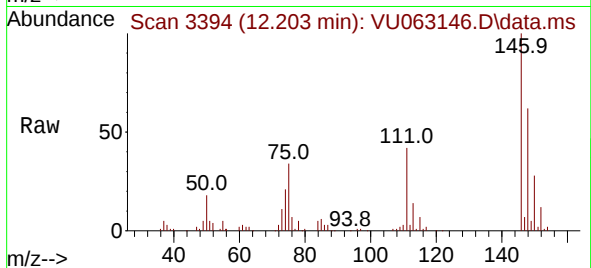
148 62.3 45.4 84.2



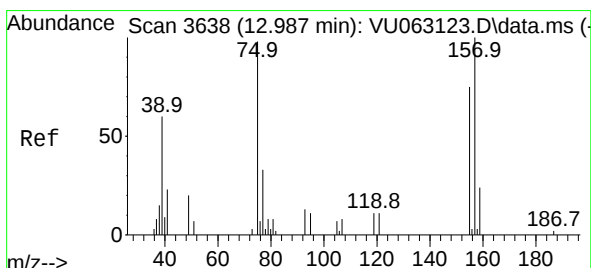
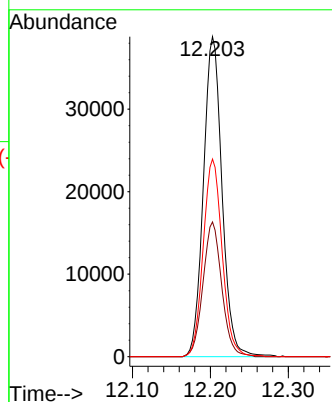
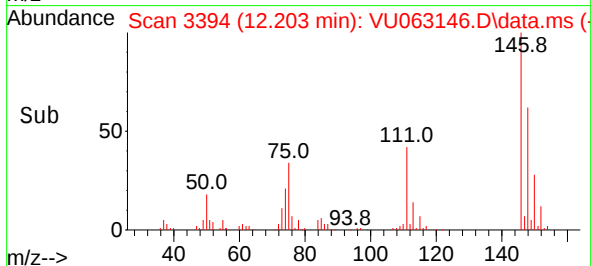


#67
1,2-Dichlorobenzene
Concen: 5.499 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

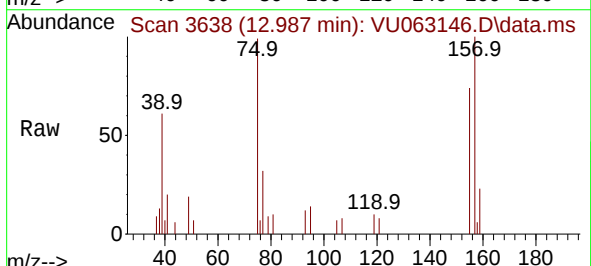
Instrument :
MSVOA_U
ClientSampleId :



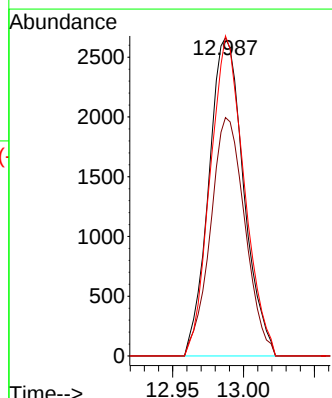
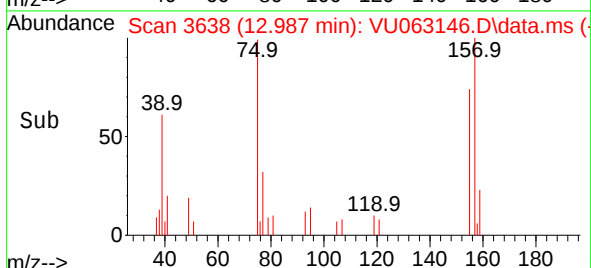
Tgt Ion:146 Resp: 64525
Ion Ratio Lower Upper
146 100
111 42.1 34.1 51.1
148 61.8 52.5 78.7

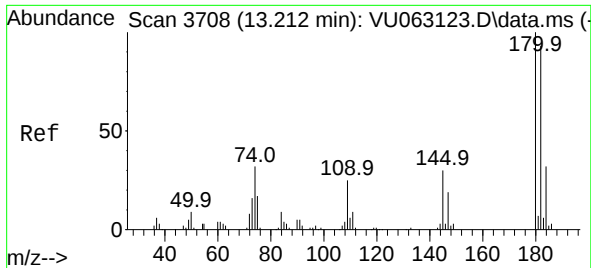


#68
1,2-Dibromo-3-chloropropane
Concen: 4.825 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00



Tgt Ion: 75 Resp: 4546
Ion Ratio Lower Upper
75 100
155 74.9 61.6 92.4
157 100.6 77.4 116.0





#69

1,3,5-Trichlorobenzene

Concen: 5.564 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.003 min

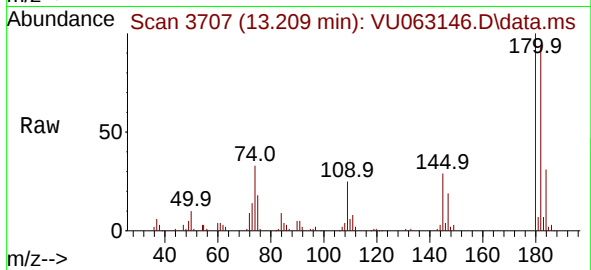
Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 47733

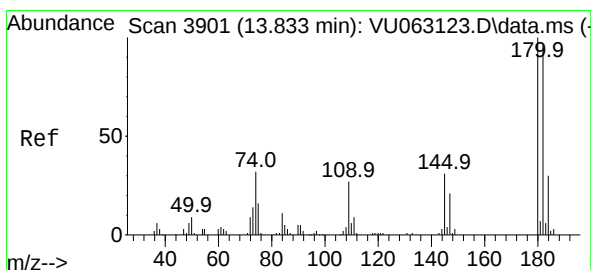
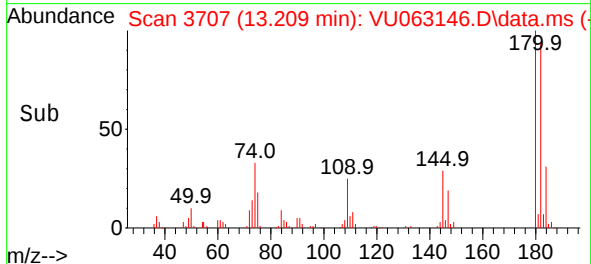
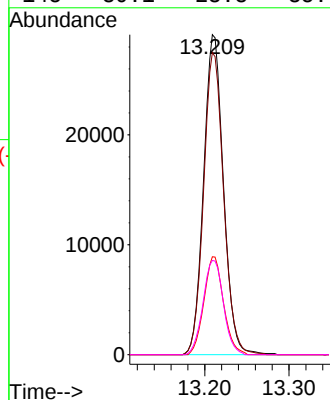
Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

184 30.2 23.8 35.8

145 30.1 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 5.106 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063146.D

Acq: 05 Feb 2025 09:00

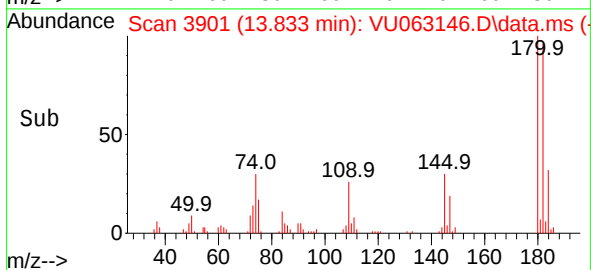
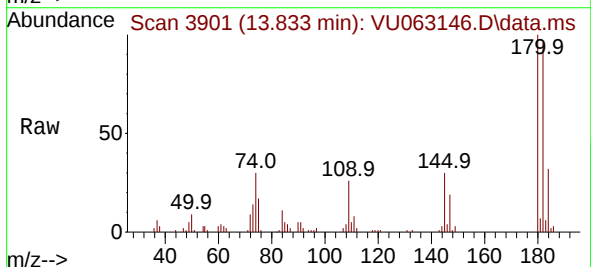
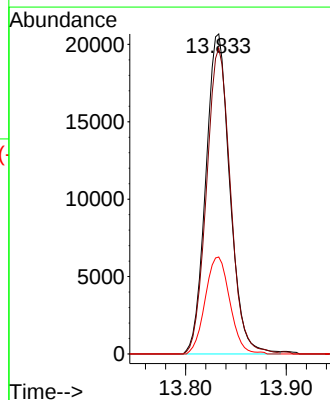
Tgt Ion:180 Resp: 34465

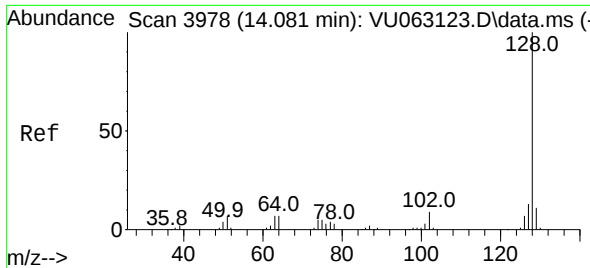
Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

145 30.9 24.3 36.5

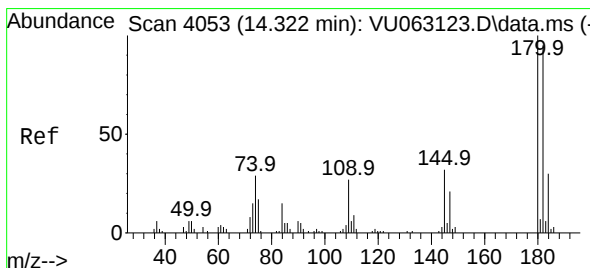
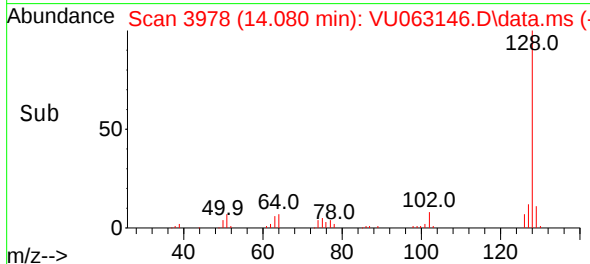
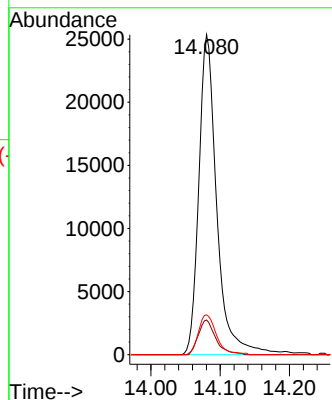
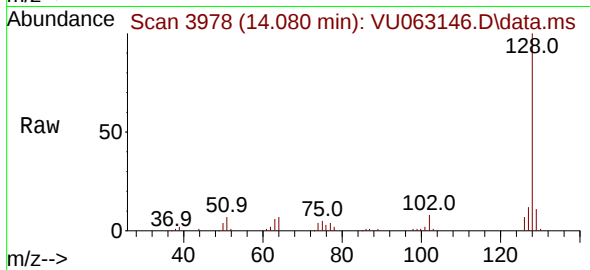




#71
Naphthalene
Concen: 4.112 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 45550
Ion Ratio Lower Upper
128 100
129 10.5 8.0 12.0
127 12.5 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.946 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063146.D
Acq: 05 Feb 2025 09:00

Tgt Ion:180 Resp: 29827
Ion Ratio Lower Upper
180 100
182 94.2 78.5 117.7
145 32.2 26.1 39.1

