

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061576.D
 Acq On : 09 Nov 2024 03:49
 Operator : MD/SY
 Sample : P4748-19MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 00:12:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 01:40:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	176501	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	166946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40072	3.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.911	69	37031	3.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	2.560	65	19813	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.647	46	96259	39.543	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.080%
24) Chloroform-d	5.052	84	98970	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	47574	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.718	84	194831	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.682	67	59875	4.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.888	98	183078	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.174	79	19435	3.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.627	63	98121	41.498	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48792	4.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	63517	4.312	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50042	4.253	ug/L	99
3) Chloromethane	1.515	50	45278	3.649	ug/L	97
5) Vinyl chloride	1.599	62	52866	3.875	ug/L	97
6) Bromomethane	1.853	94	31177	3.449	ug/L	99
8) Chloroethane	1.930	64	34557	3.440	ug/L	100
9) Trichlorofluoromethane	2.136	101	83702	4.517	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51428	4.674	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46819	4.487	ug/L	87
13) Acetone	2.670	43	326909	212.030	ug/L	99
14) Carbon disulfide	2.785	76	115781	3.326	ug/L	99
15) Methyl Acetate	2.962	43	10751	2.816	ug/L	92
16) Methylene chloride	3.036	84	53331	4.337	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	118951	4.206	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	49465	4.287	ug/L	94
19) 1,1-Dichloroethane	3.856	63	98837	4.542	ug/L	95
21) 2-Butanone	4.724	43	109839	44.938	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	59248	4.495	ug/L	97
23) Bromochloromethane	4.965	128	25718	4.637	ug/L	98
25) Chloroform	5.078	83	106164	4.640	ug/L	97

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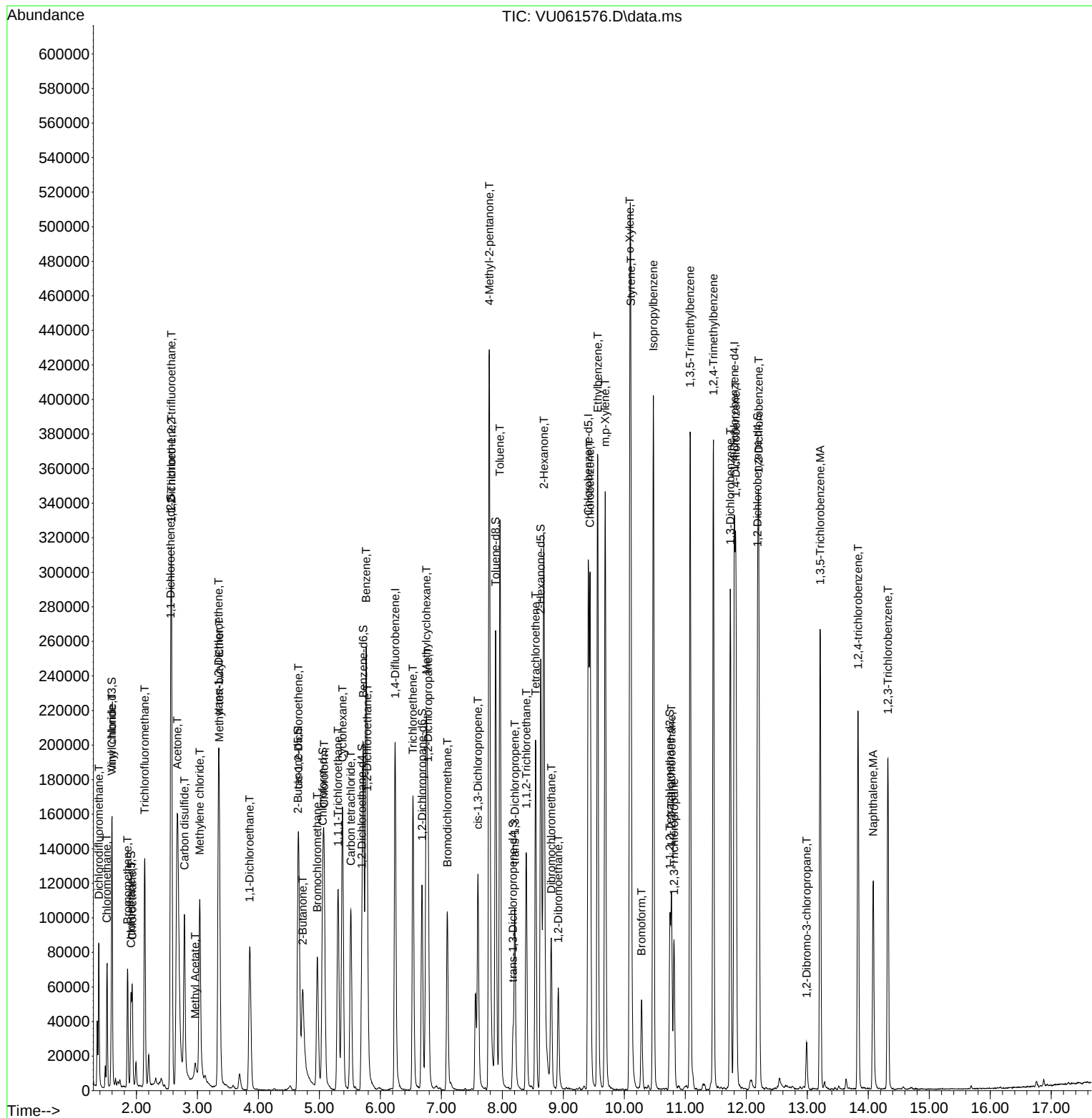
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64368	4.451	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	85685	4.191	ug/L	99
30) Cyclohexane	5.377	56	81401	3.970	ug/L	100
31) Carbon tetrachloride	5.515	117	70941	4.055	ug/L	97
33) Benzene	5.766	78	235391	4.559	ug/L	100
34) Trichloroethene	6.531	95	60111	4.280	ug/L	97
35) Methylcyclohexane	6.753	83	86102	3.852	ug/L	98
37) 1,2-Dichloropropane	6.782	63	58680	4.484	ug/L	99
38) Bromodichloromethane	7.097	83	69648	4.205	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	78783	3.898	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	298967	45.900	ug/L	99
42) Toluene	7.959	91	254988	4.548	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	61651	3.743	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	44539	4.729	ug/L	98
47) Tetrachloroethene	8.544	164	43472	4.432	ug/L	98
48) 2-Hexanone	8.679	43	214314	46.530	ug/L	98
49) Dibromochloromethane	8.801	129	45337	4.244	ug/L	99
50) 1,2-Dibromoethane	8.917	107	41659	4.553	ug/L	96
51) Chlorobenzene	9.438	112	159255	4.494	ug/L	99
52) Ethylbenzene	9.563	91	269365	4.368	ug/L	99
53) m,p-Xylene	9.685	106	103421	4.402	ug/L	94
54) o-Xylene	10.090	106	101602	4.382	ug/L	99
55) Styrene	10.107	104	164256	4.419	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	55640	4.903	ug/L	97
59) Bromoform	10.280	173	23379	3.797	ug/L	99
60) Isopropylbenzene	10.476	105	269620	4.243	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	36585	4.415	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	210209	4.063	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	208756	4.082	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	119891	4.483	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	119847	4.396	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	112183	4.457	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6543	3.761	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	81202	4.429	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	66914	4.523	ug/L	98
71) Naphthalene	14.081	128	103976	4.454	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	57657	4.658	ug/L	98

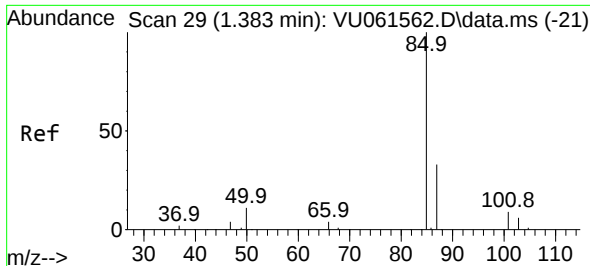
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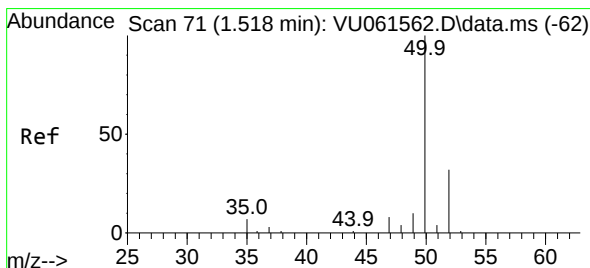
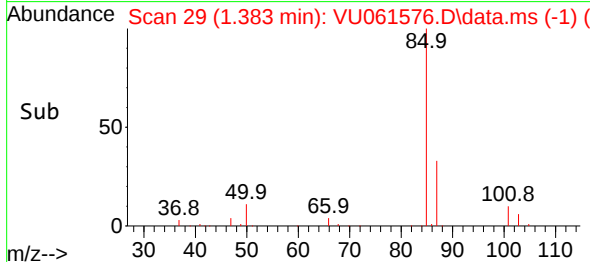
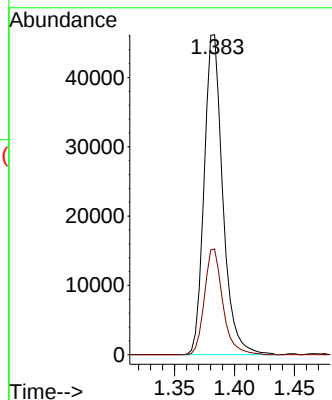
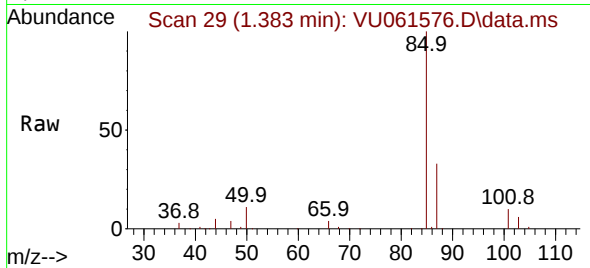




#2
 Dichlorodifluoromethane
 Concen: 4.253 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061576.D
 Acq: 09 Nov 2024 03:49

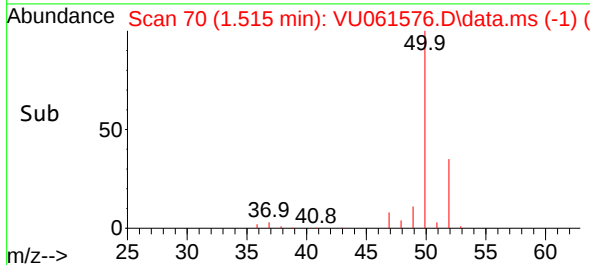
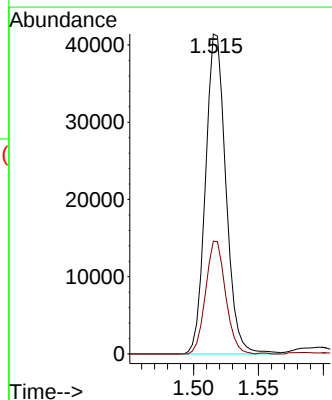
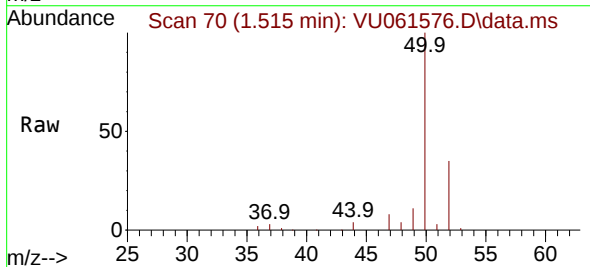
Instrument :
 MSVOA_U
 ClientSampleId :

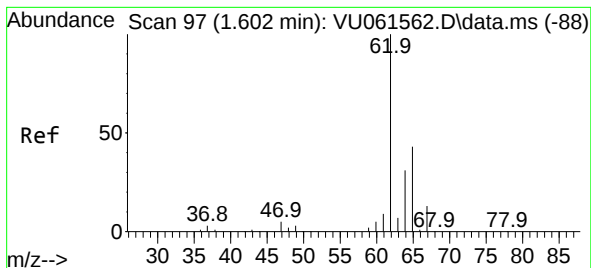
Tgt Ion: 85 Resp: 50042
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.7 38.5



#3
 Chloromethane
 Concen: 3.649 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061576.D
 Acq: 09 Nov 2024 03:49

Tgt Ion: 50 Resp: 45278
 Ion Ratio Lower Upper
 50 100
 52 35.2 23.4 43.4





#5

Vinyl chloride

Concen: 3.875 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

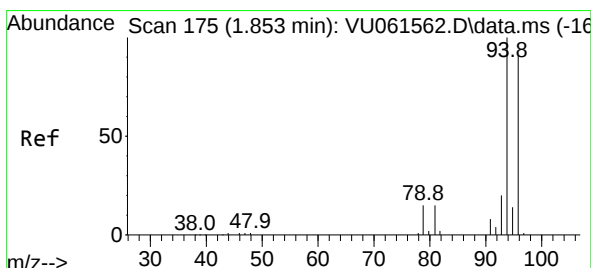
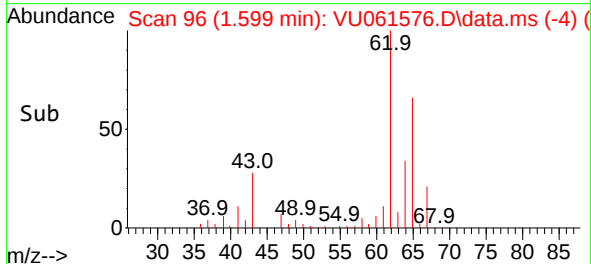
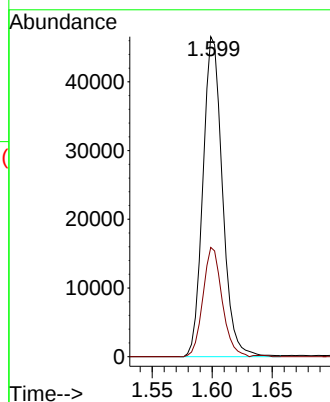
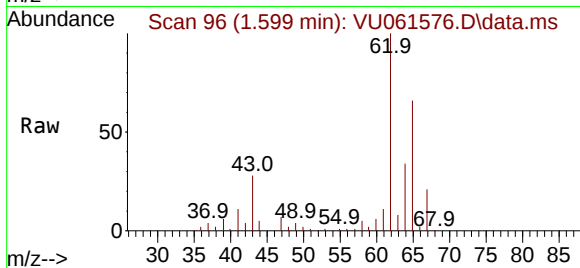
ClientSampleId :

Tgt Ion: 62 Resp: 52866

Ion Ratio Lower Upper

62 100

64 34.2 22.6 42.0



#6

Bromomethane

Concen: 3.449 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061576.D

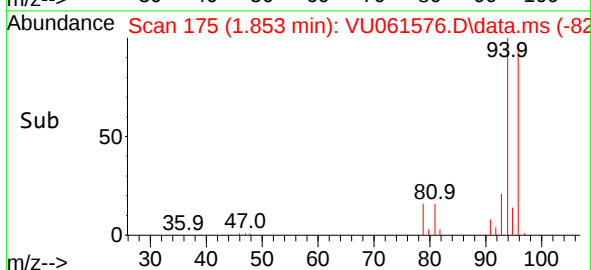
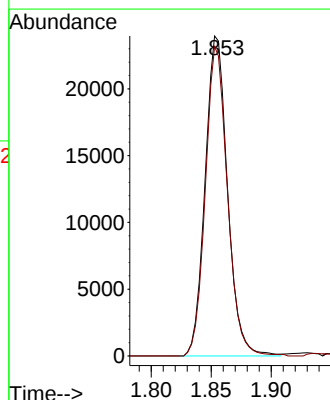
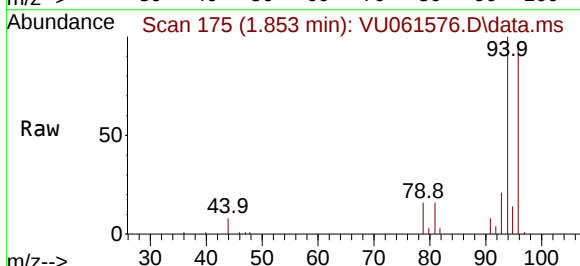
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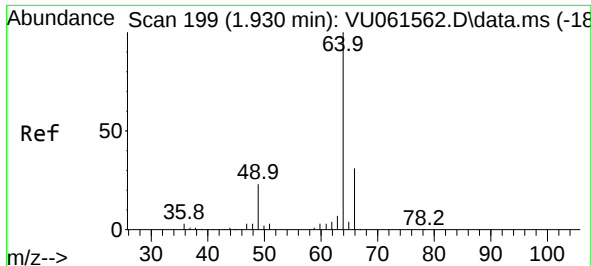
Tgt Ion: 94 Resp: 31177

Ion Ratio Lower Upper

94 100

96 96.7 66.9 124.3

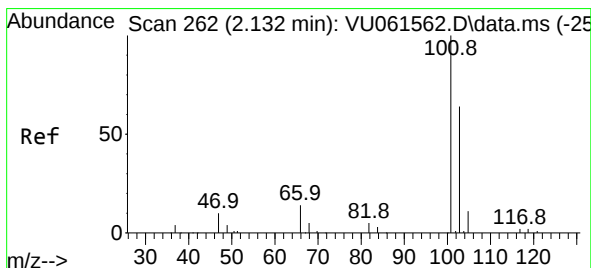
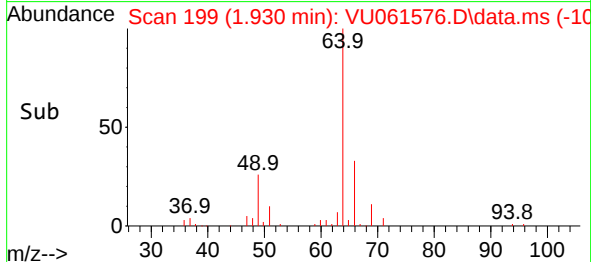
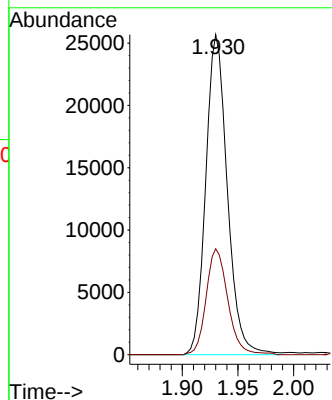
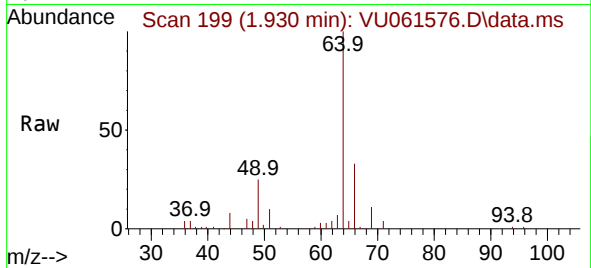




#8
Chloroethane
Concen: 3.440 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

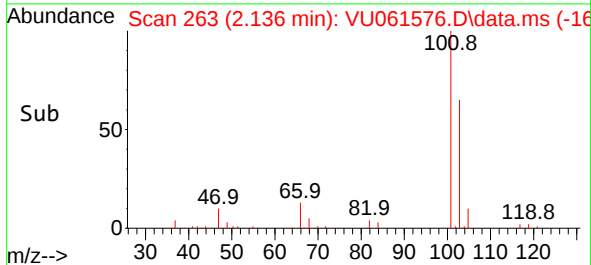
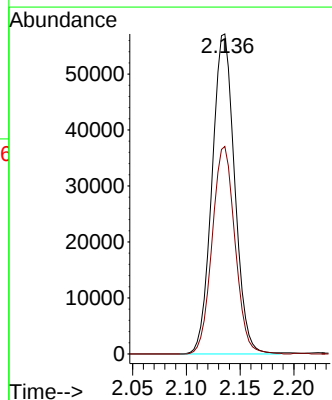
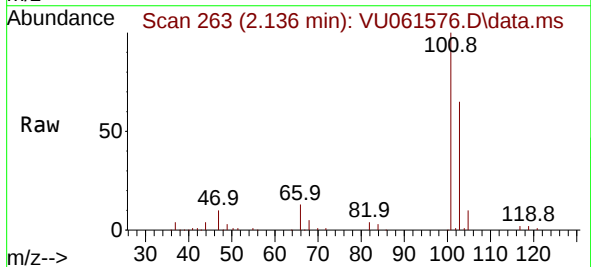
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MSVOA_U
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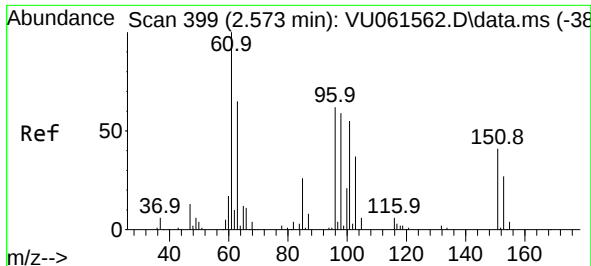
Tgt Ion: 64 Resp: 34557
Ion Ratio Lower Upper
64 100
66 33.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.517 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion:101 Resp: 83702
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

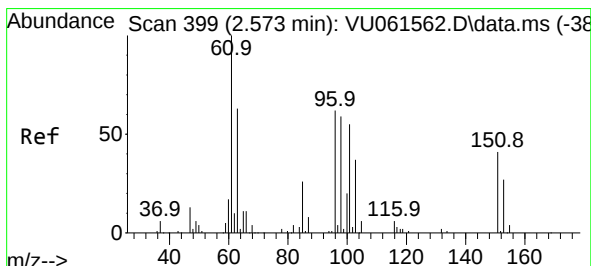
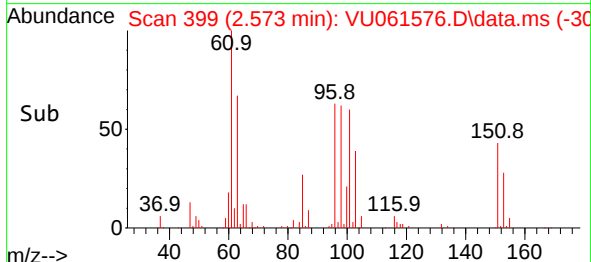
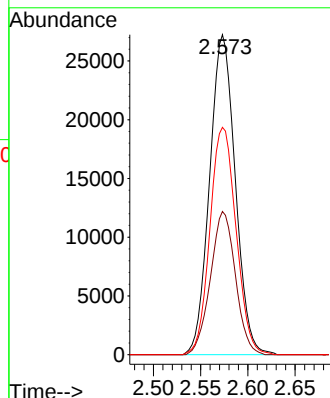
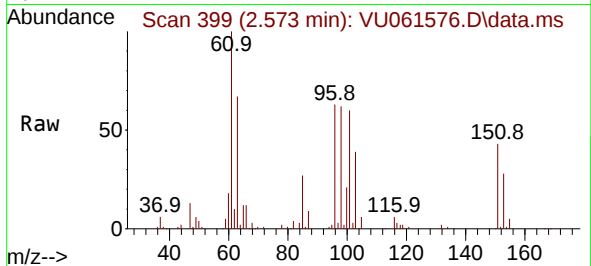




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.674 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

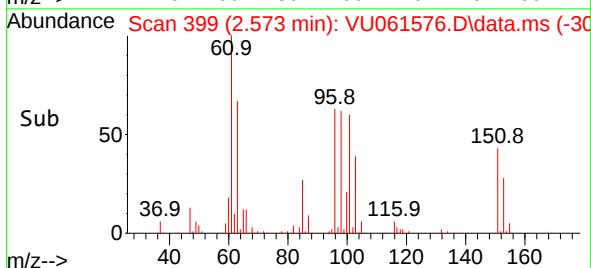
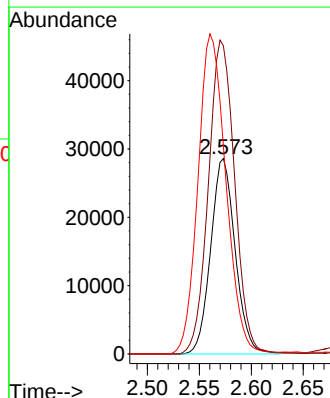
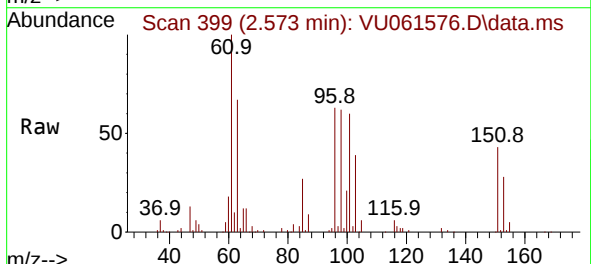
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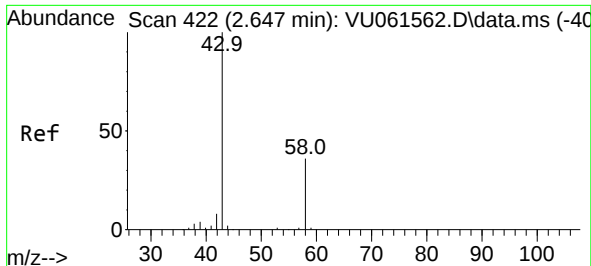
Tgt Ion:101 Resp: 51428
Ion Ratio Lower Upper
101 100
85 43.6 35.6 53.4
151 72.3 55.9 83.9



#12
1,1-Dichloroethene
Concen: 4.487 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion: 96 Resp: 46819
Ion Ratio Lower Upper
96 100
61 157.7 119.1 221.1
63 106.4 89.4 166.0





#13

Acetone

Concen: 212.030 ug/L

RT: 2.670 min Scan# 41

Delta R.T. 0.023 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

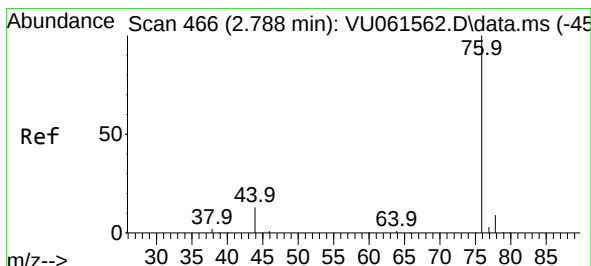
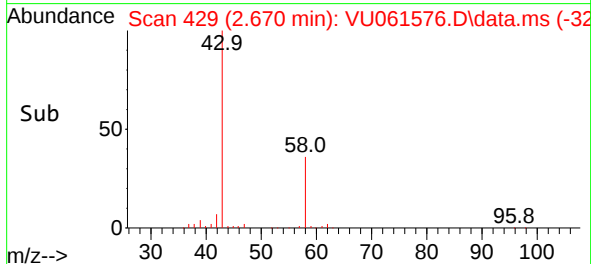
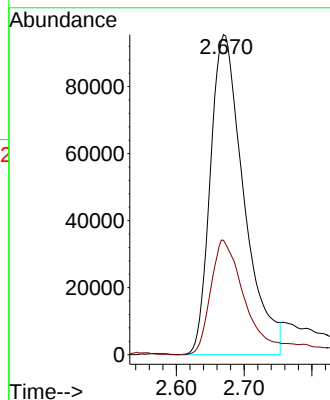
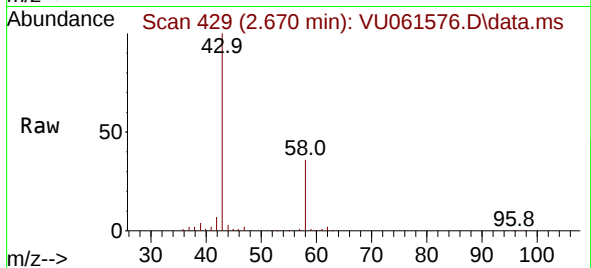
ClientSampleId :

Tgt Ion: 43 Resp: 326909

Ion Ratio Lower Upper

43 100

58 37.4 0.0 73.2



#14

Carbon disulfide

Concen: 3.326 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061576.D

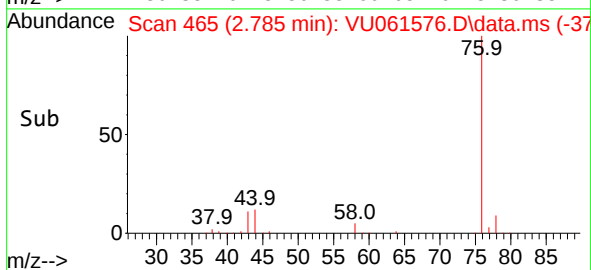
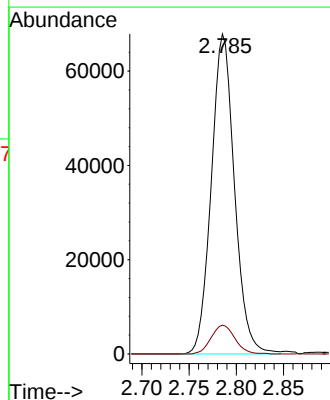
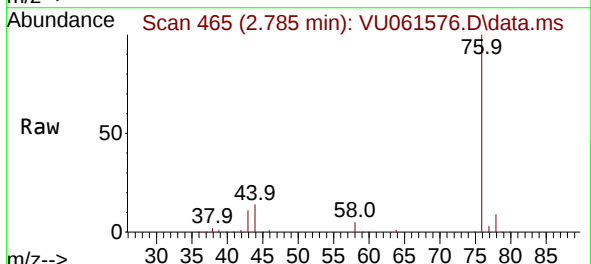
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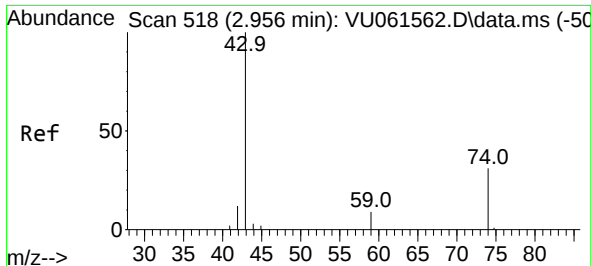
Tgt Ion: 76 Resp: 115781

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

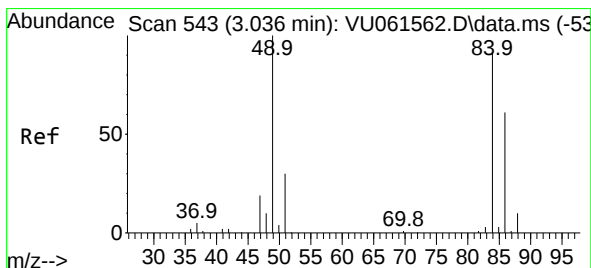
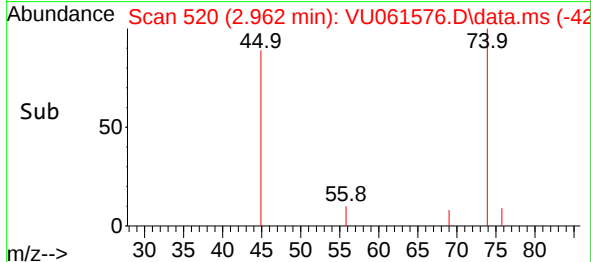
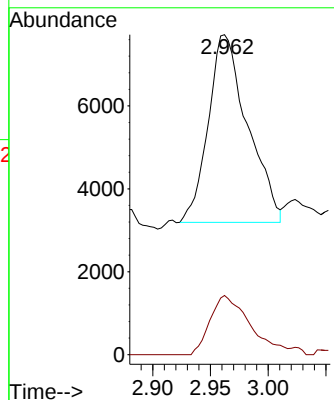
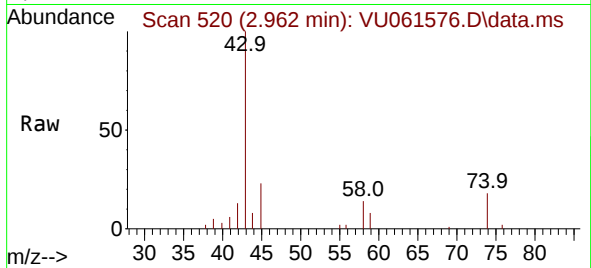




#15
Methyl Acetate
Concen: 2.816 ug/L
RT: 2.962 min Scan# 518
Delta R.T. 0.007 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

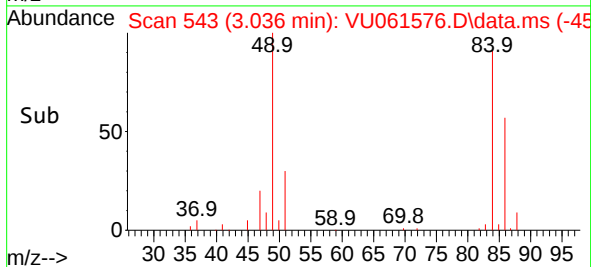
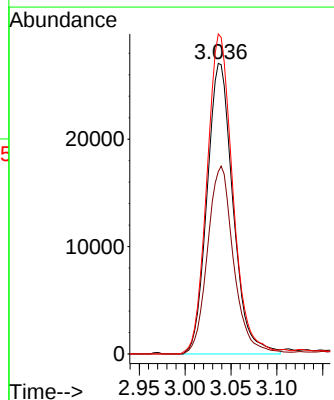
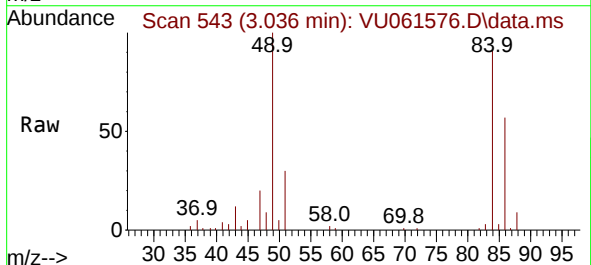
Instrument :
MSVOA_U
ClientSampleId :

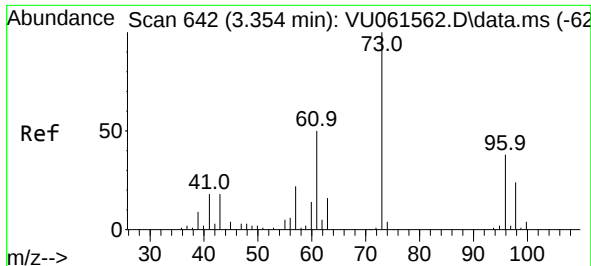
Tgt Ion: 43 Resp: 10751
Ion Ratio Lower Upper
43 100
74 31.8 22.2 33.4



#16
Methylene chloride
Concen: 4.337 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion: 84 Resp: 53331
Ion Ratio Lower Upper
84 100
86 62.8 43.5 80.7
49 110.1 75.7 140.7

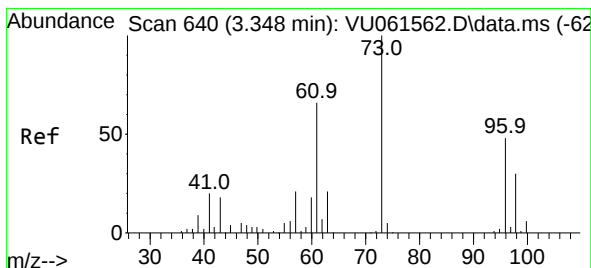
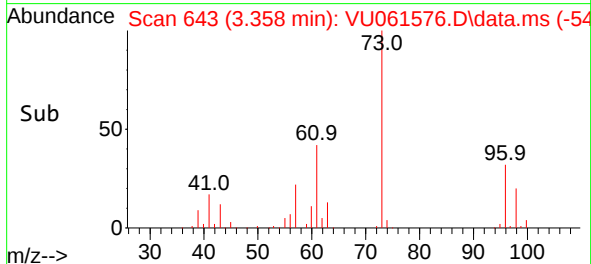
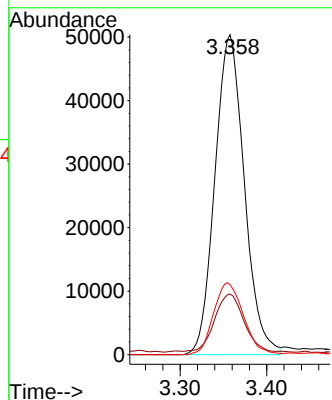
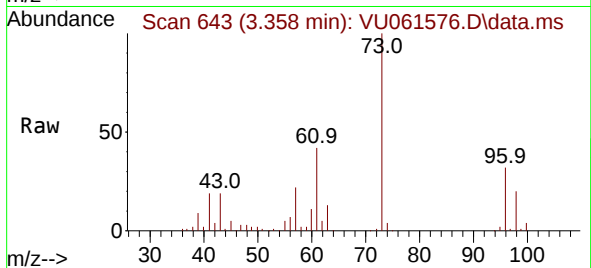




#17
Methyl tert-butyl Ether
Concen: 4.206 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

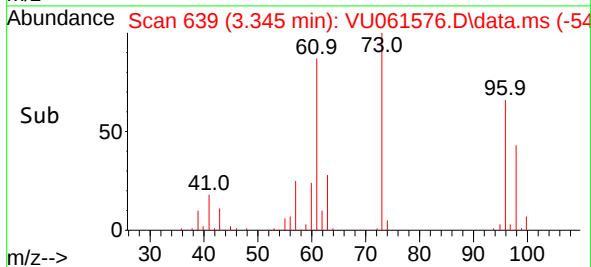
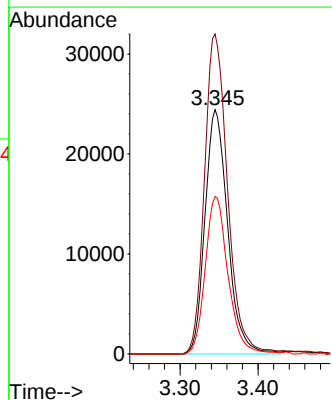
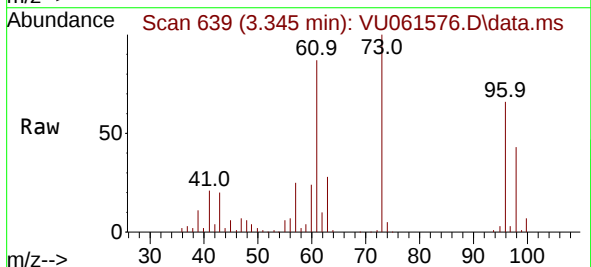
Instrument :
MSVOA_U
ClientSampleId :

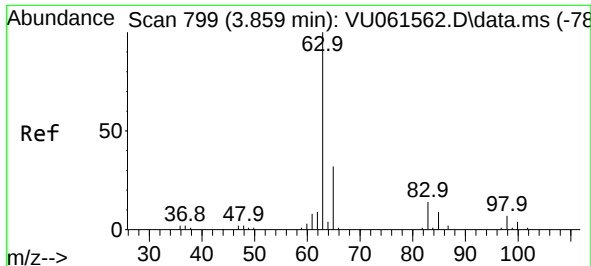
Tgt Ion: 73 Resp: 118951
Ion Ratio Lower Upper
73 100
43 18.2 15.0 22.4
57 22.8 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.287 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion: 96 Resp: 49465
Ion Ratio Lower Upper
96 100
61 131.0 97.9 181.7
98 64.5 46.2 85.8





#19

1,1-Dichloroethane

Concen: 4.542 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

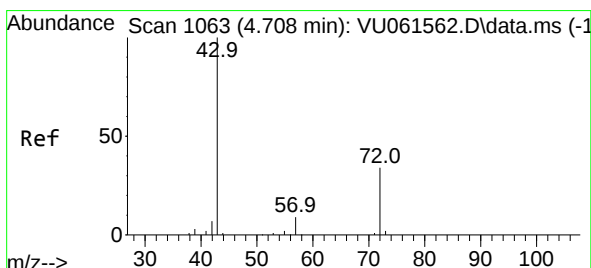
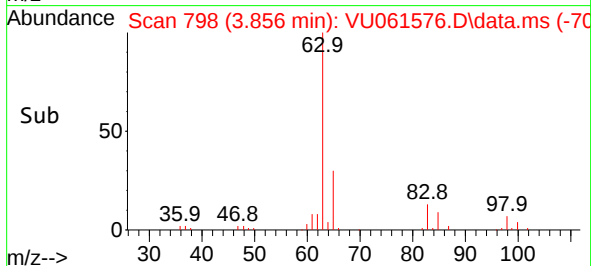
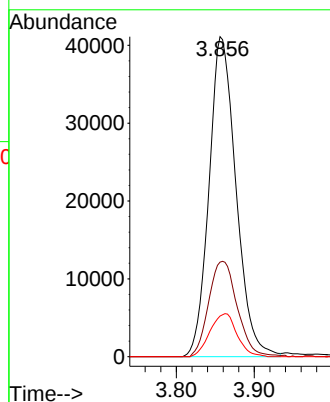
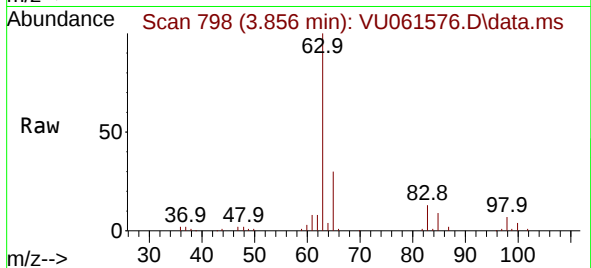
Tgt Ion: 63 Resp: 98837

Ion Ratio Lower Upper

63 100

65 29.5 23.0 42.6

83 12.7 9.7 17.9



#21

2-Butanone

Concen: 44.938 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.016 min

Lab File: VU061576.D

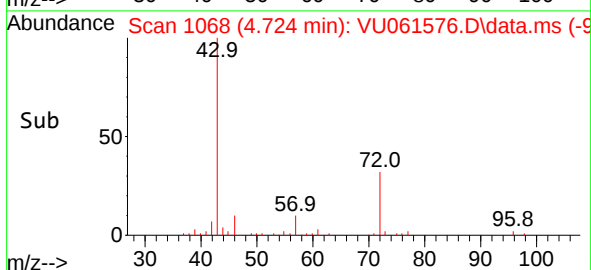
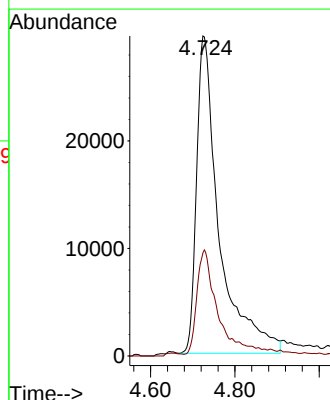
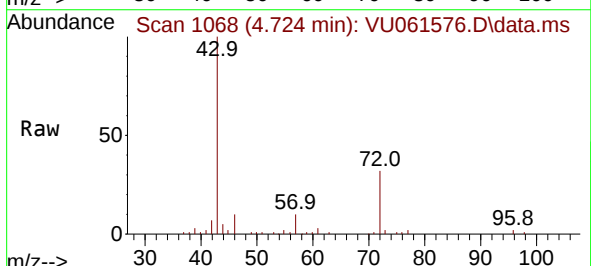
Acq: 09 Nov 2024 03:49

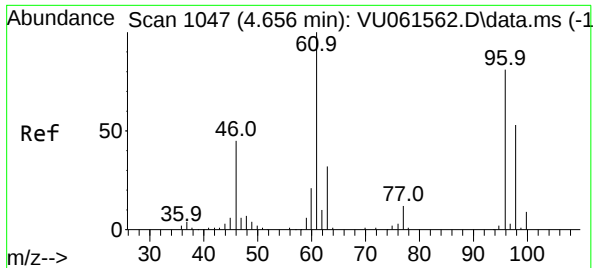
Tgt Ion: 43 Resp: 109839

Ion Ratio Lower Upper

43 100

72 29.4 15.9 47.6





#22

cis-1,2-Dichloroethene

Concen: 4.495 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

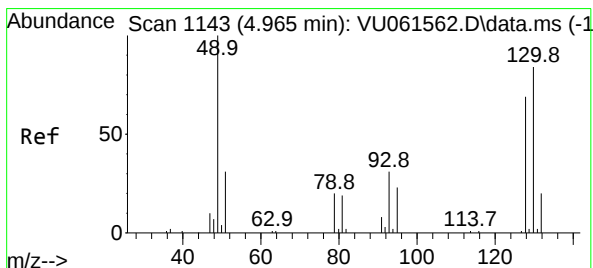
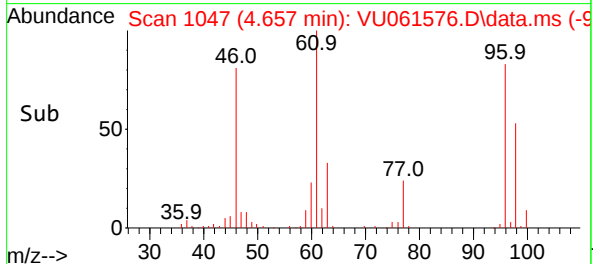
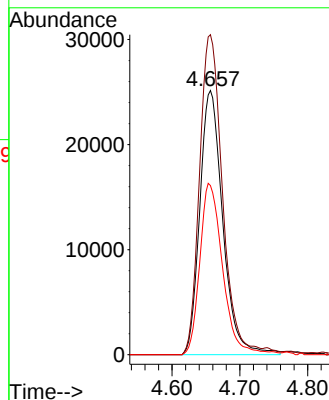
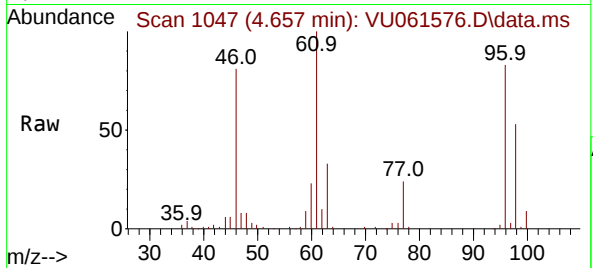
Tgt Ion: 96 Resp: 59248

Ion Ratio Lower Upper

96 100

61 121.2 88.1 163.5

98 64.0 45.0 83.6



#23

Bromochloromethane

Concen: 4.637 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Tgt Ion:128 Resp: 25718

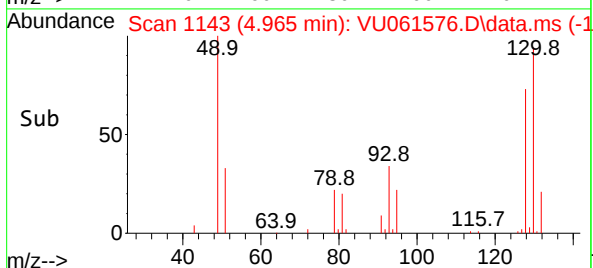
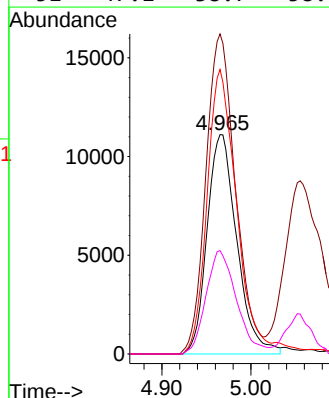
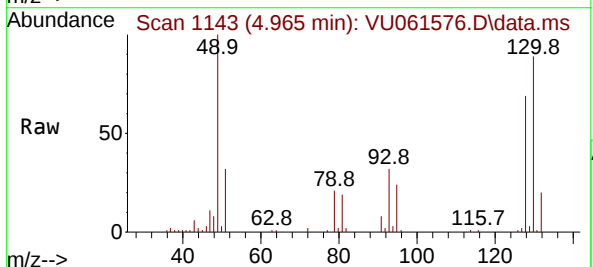
Ion Ratio Lower Upper

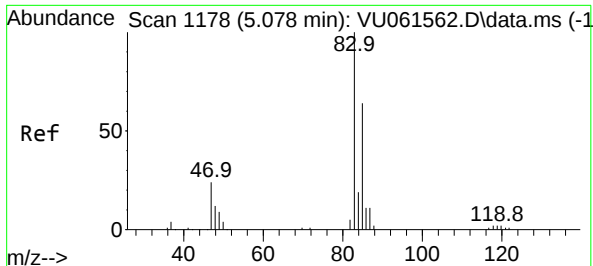
128 100

49 145.9 105.1 195.1

130 129.7 89.6 166.4

51 47.1 38.7 58.1





#25

Chloroform

Concen: 4.640 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

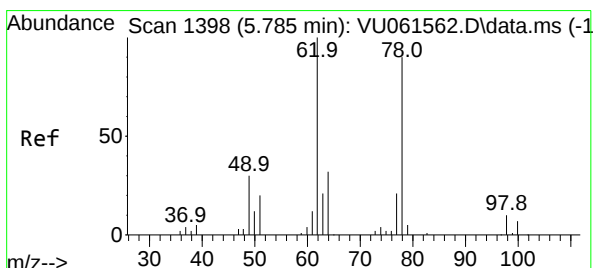
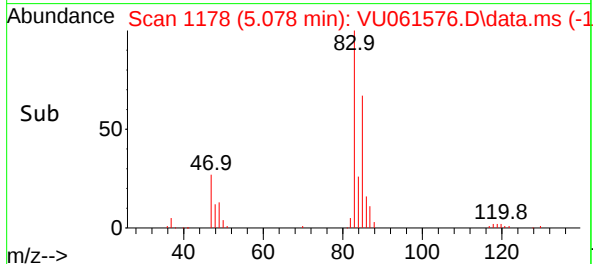
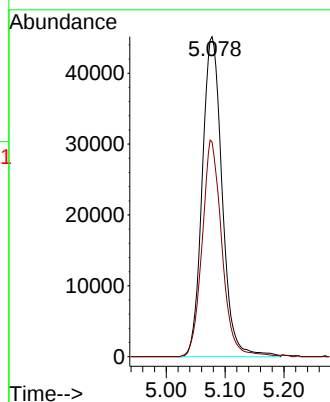
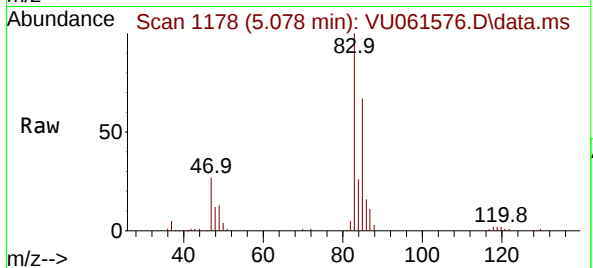
ClientSampleId :

Tgt Ion: 83 Resp: 106164

Ion Ratio Lower Upper

83 100

85 67.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.451 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061576.D

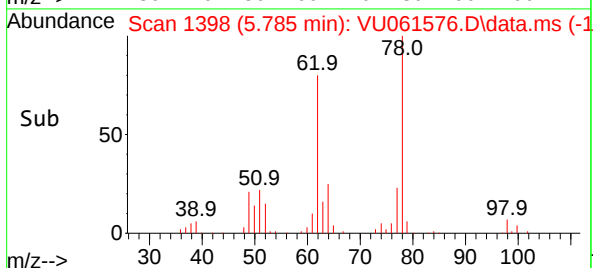
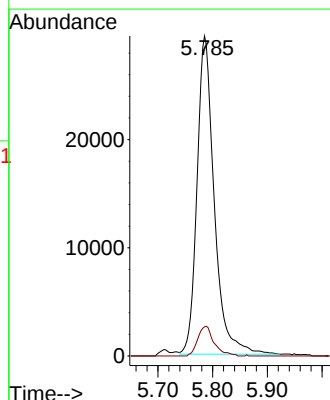
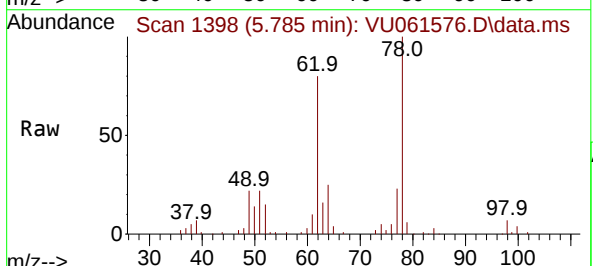
Acq: 09 Nov 2024 03:49

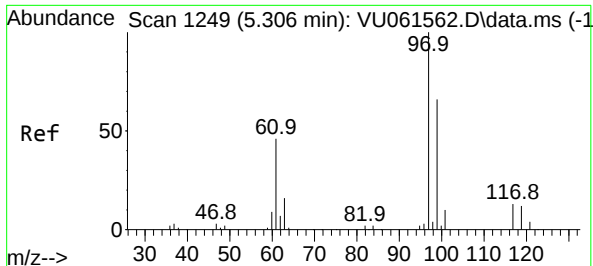
Tgt Ion: 62 Resp: 64368

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0

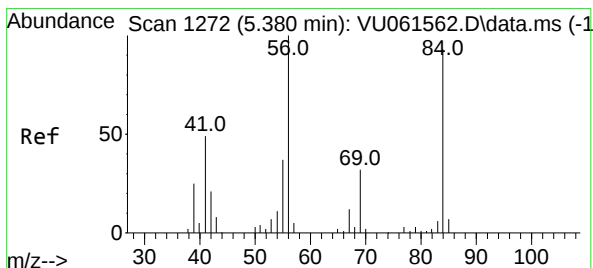
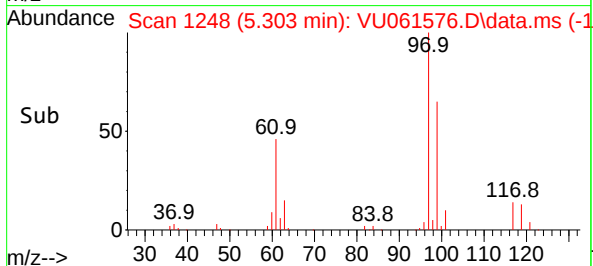
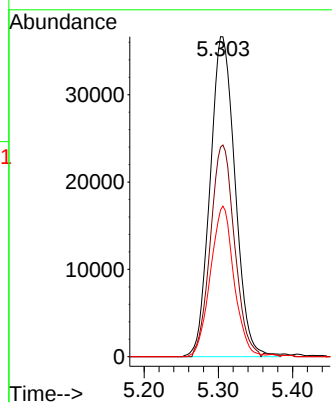
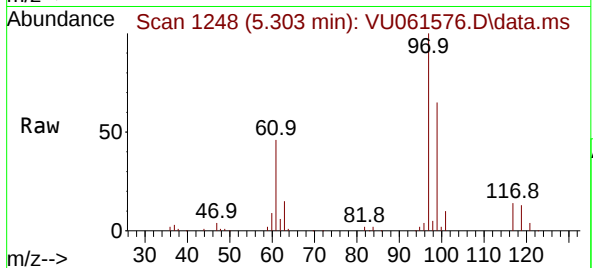




#29
1,1,1-Trichloroethane
Concen: 4.191 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

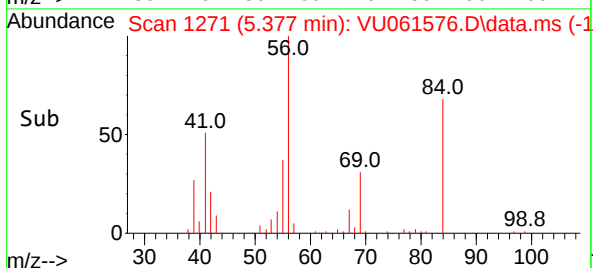
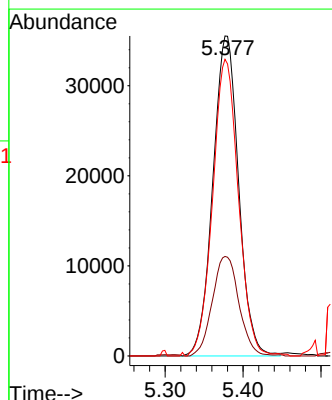
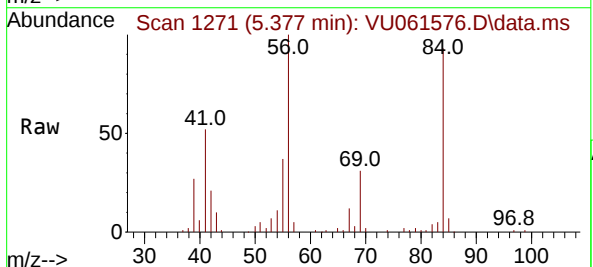
Instrument :
MSVOA_U
ClientSampleId :

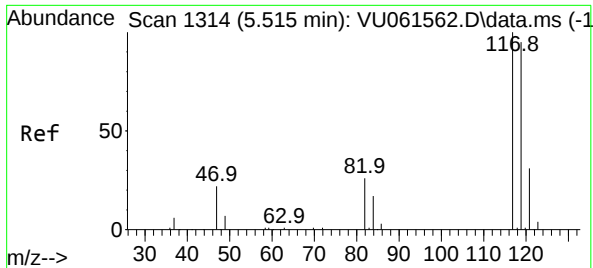
Tgt Ion: 97 Resp: 85685
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 44.5 36.1 54.1



#30
Cyclohexane
Concen: 3.970 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion: 56 Resp: 81401
Ion Ratio Lower Upper
56 100
69 32.1 25.8 38.6
84 92.5 73.9 110.9

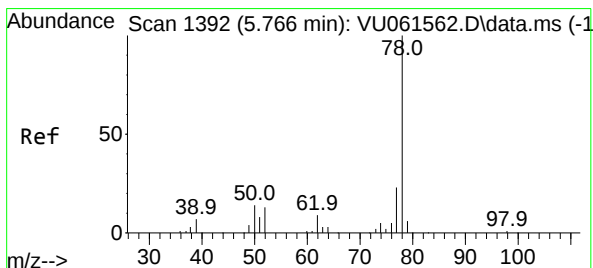
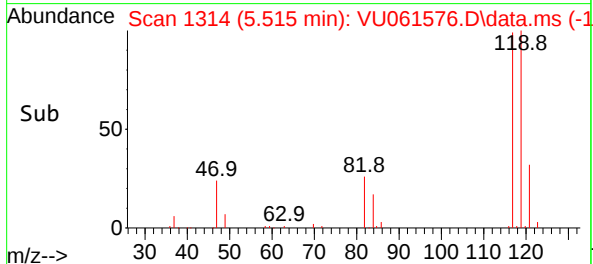
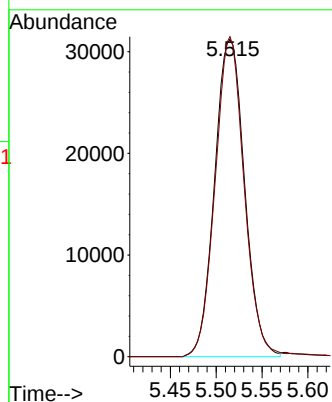
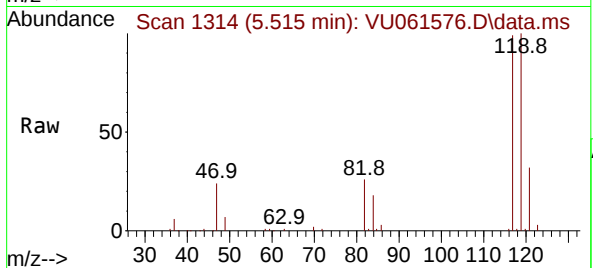




#31
Carbon tetrachloride
Concen: 4.055 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

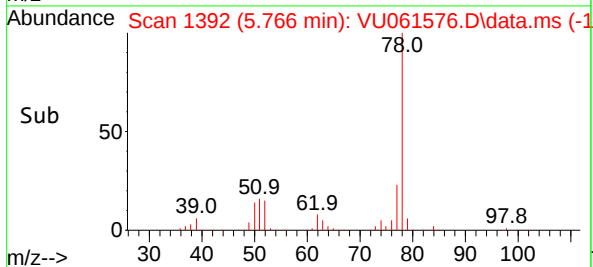
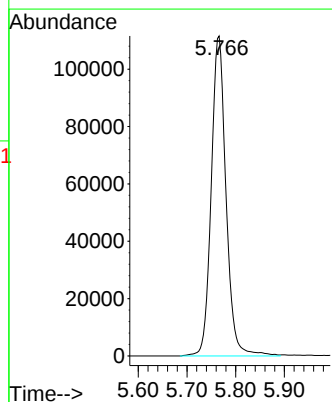
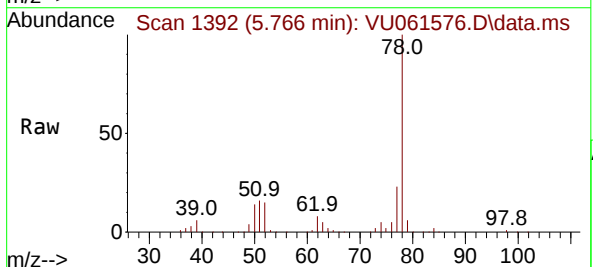
Instrument :
MSVOA_U
ClientSampleId :

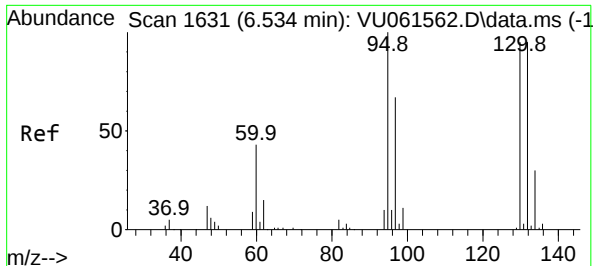
Tgt Ion:117 Resp: 70941
Ion Ratio Lower Upper
117 100
119 97.3 75.5 113.3



#33
Benzene
Concen: 4.559 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion: 78 Resp: 235391

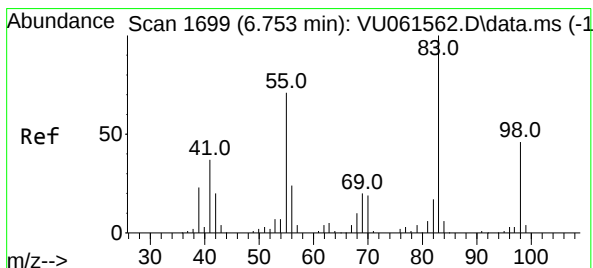
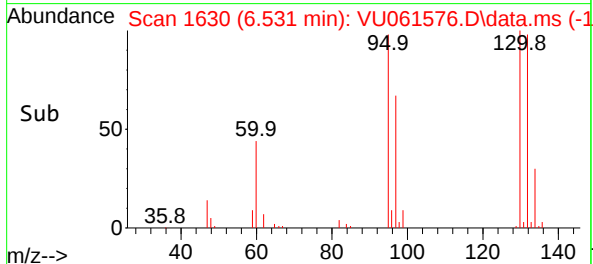
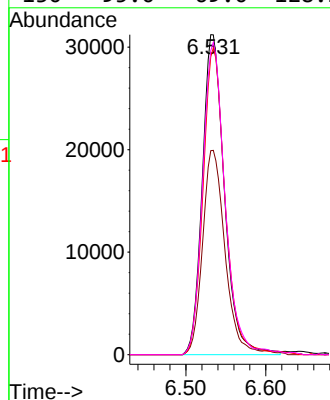
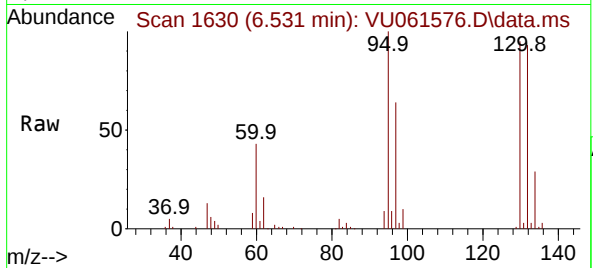




#34
Trichloroethene
Concen: 4.280 ug/L
RT: 6.531 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

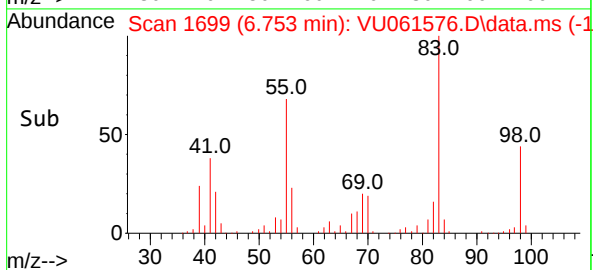
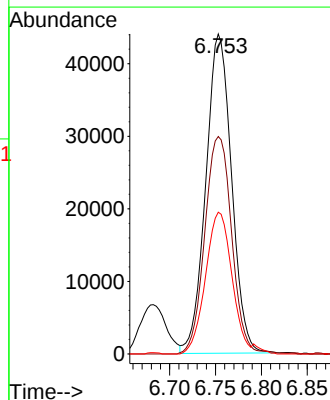
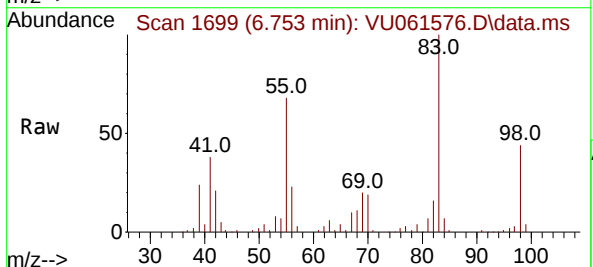
Instrument :
MSVOA_U
ClientSampleId :

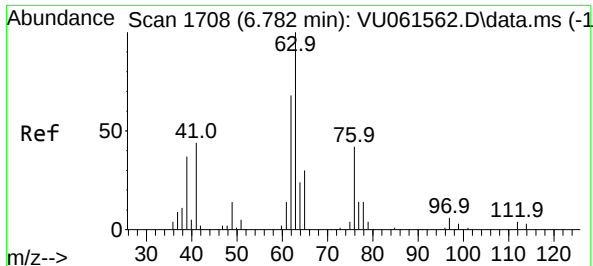
Tgt Ion: 95 Resp: 60111
Ion Ratio Lower Upper
95 100
97 63.7 46.1 85.7
132 93.0 66.1 122.7
130 95.0 69.0 128.2



#35
Methylcyclohexane
Concen: 3.852 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion: 83 Resp: 86102
Ion Ratio Lower Upper
83 100
55 71.3 55.9 83.9
98 46.3 35.9 53.9

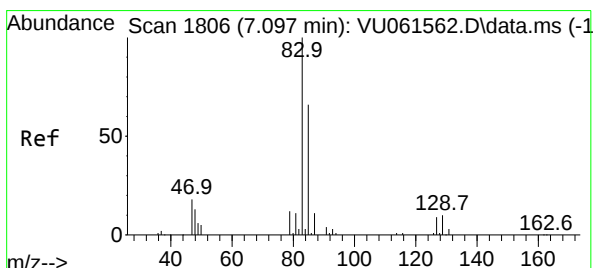
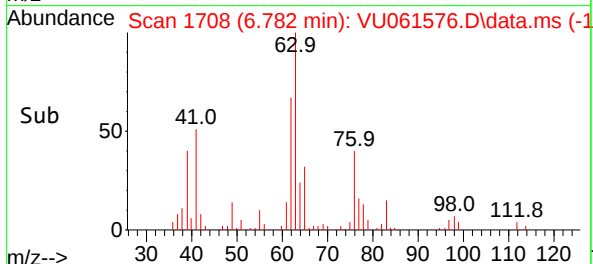
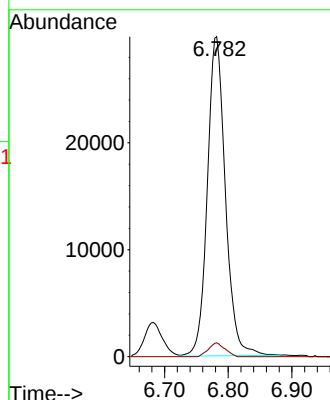
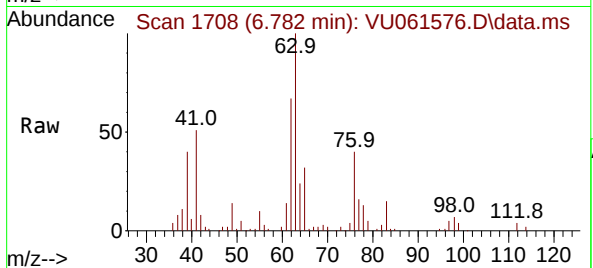




#37
1,2-Dichloropropane
Concen: 4.484 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

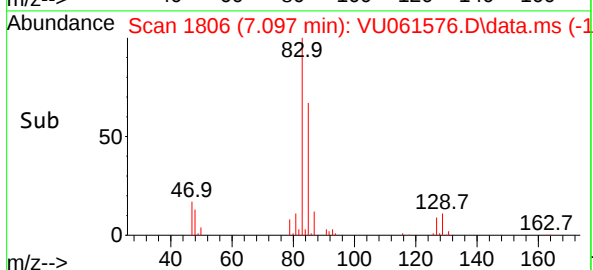
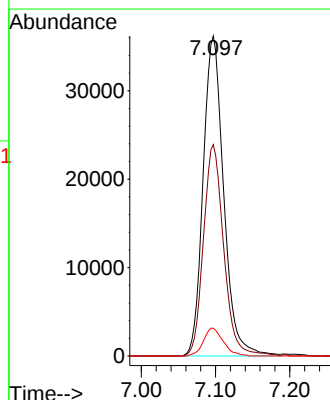
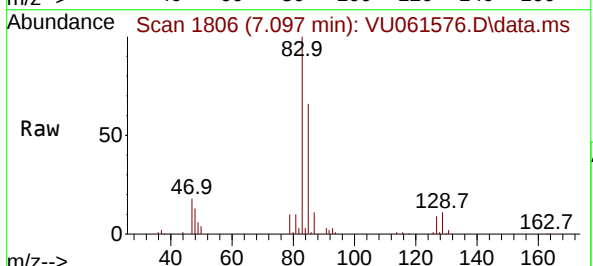
Instrument :
MSVOA_U
ClientSampleId :

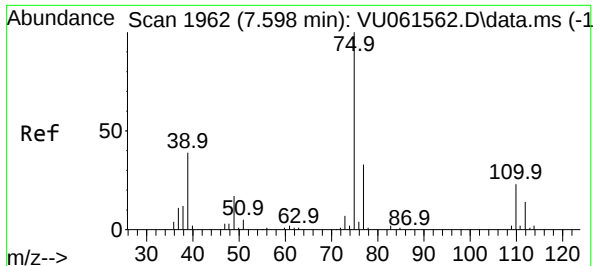
Tgt Ion: 63 Resp: 58680
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 4.205 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion: 83 Resp: 69648
Ion Ratio Lower Upper
83 100
85 66.1 43.8 81.4
127 8.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 3.898 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

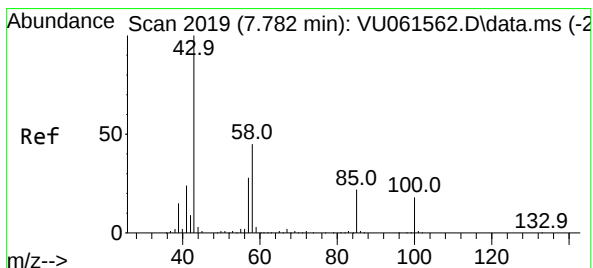
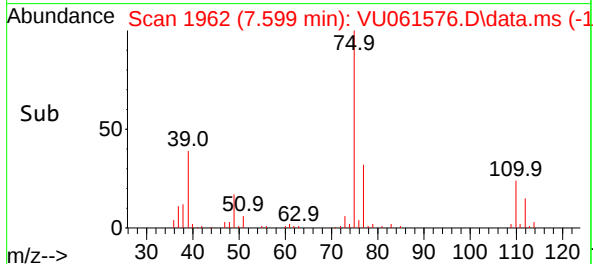
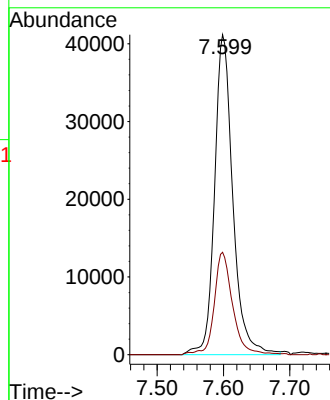
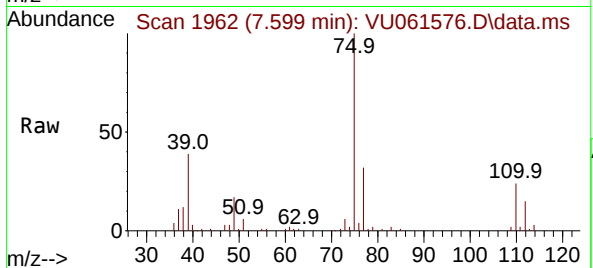
ClientSampleId :

Tgt Ion: 75 Resp: 78783

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 45.900 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.003 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

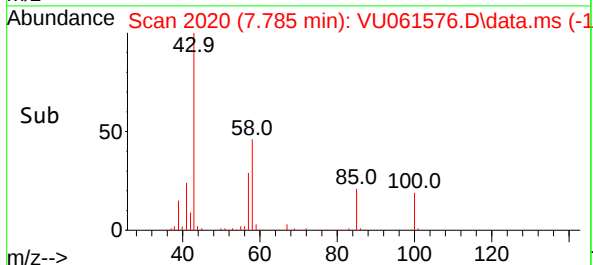
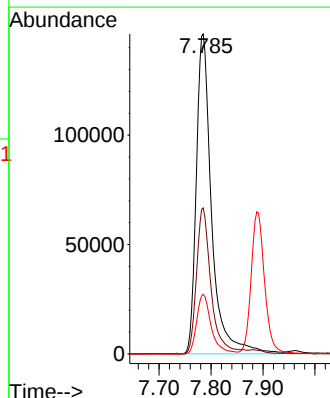
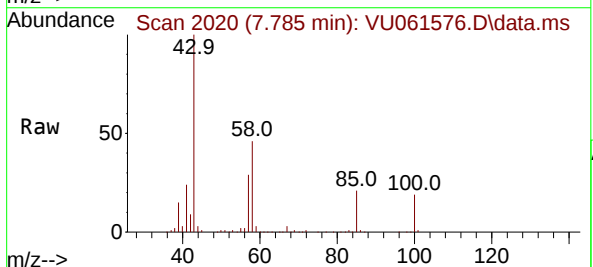
Tgt Ion: 43 Resp: 298967

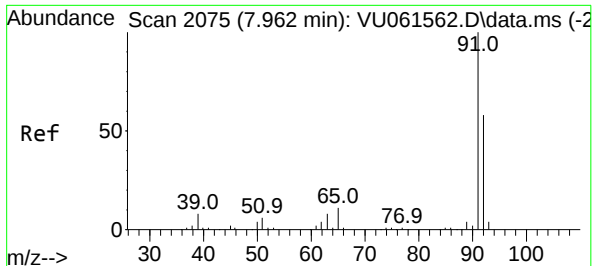
Ion Ratio Lower Upper

43 100

58 43.1 35.1 52.7

100 17.7 14.0 21.0





#42

Toluene

Concen: 4.548 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

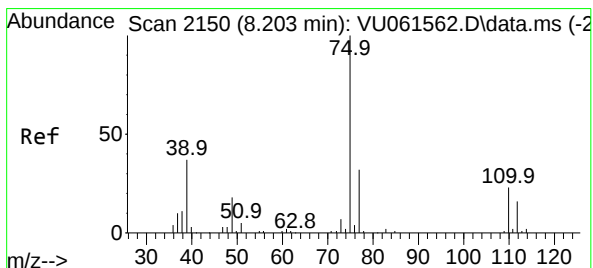
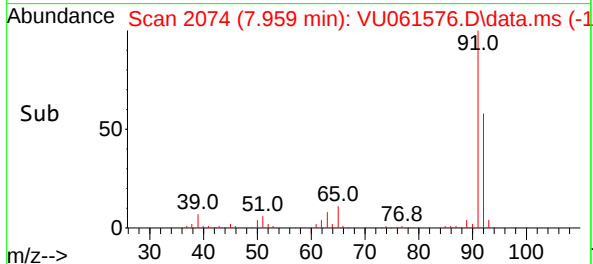
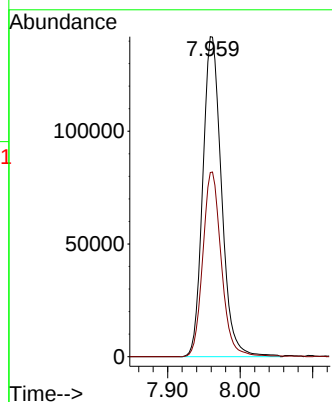
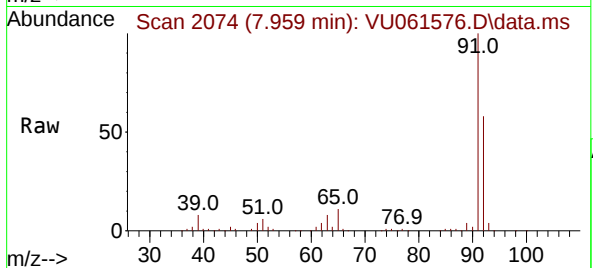
ClientSampleId :

Tgt Ion: 91 Resp: 254988

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 3.743 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061576.D

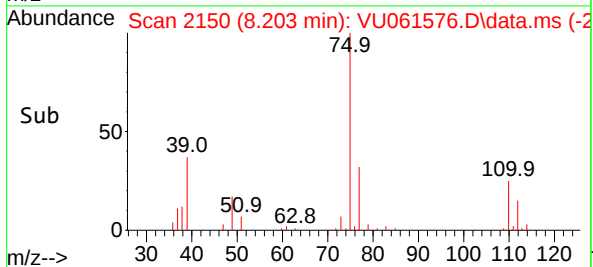
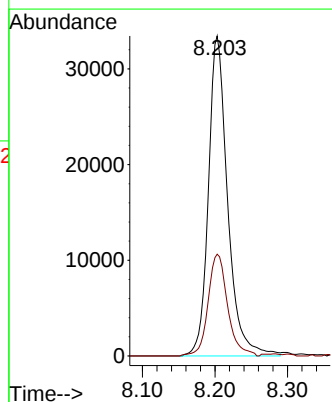
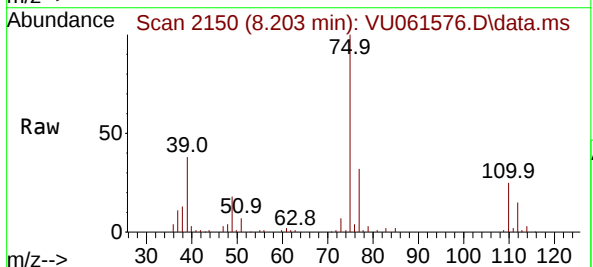
Acq: 09 Nov 2024 03:49

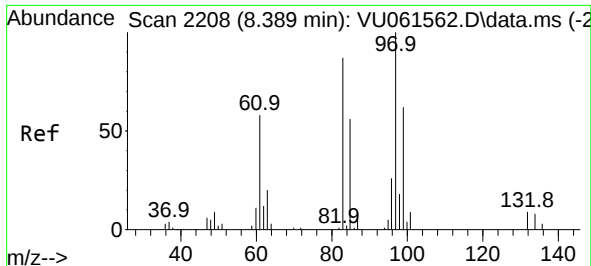
Tgt Ion: 75 Resp: 61651

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8

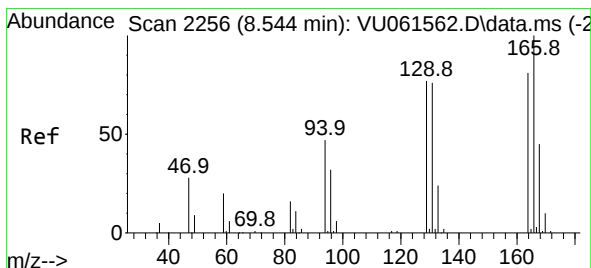
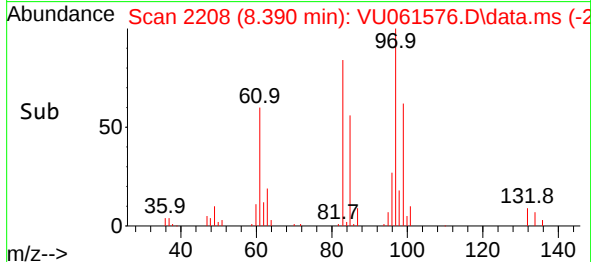
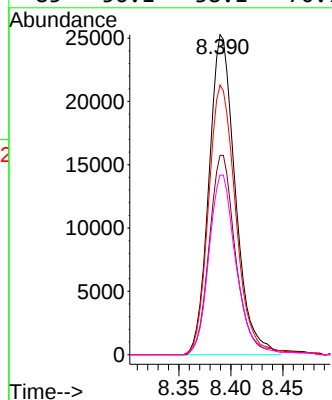
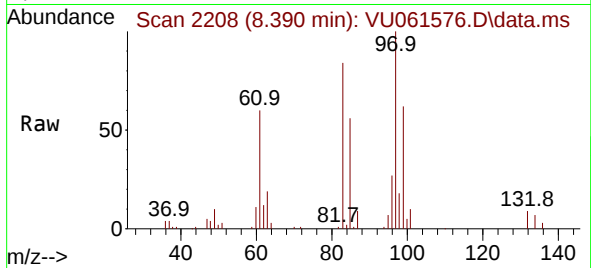




#45
1,1,2-Trichloroethane
Concen: 4.729 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

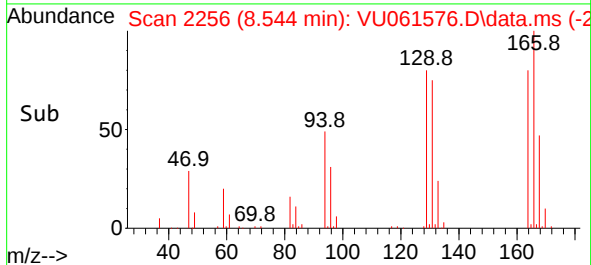
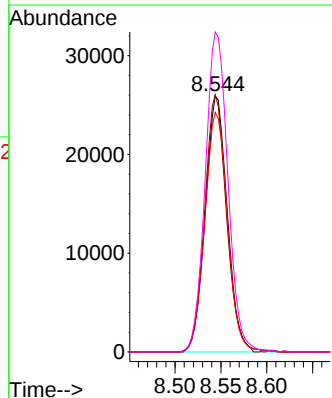
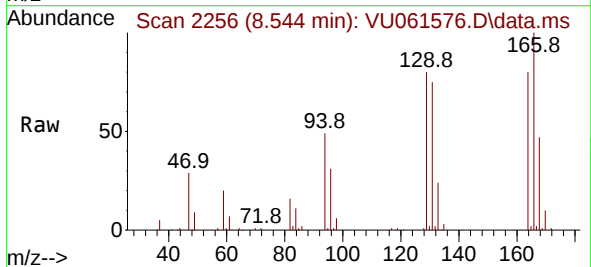
Instrument :
MSVOA_U
ClientSampleId :

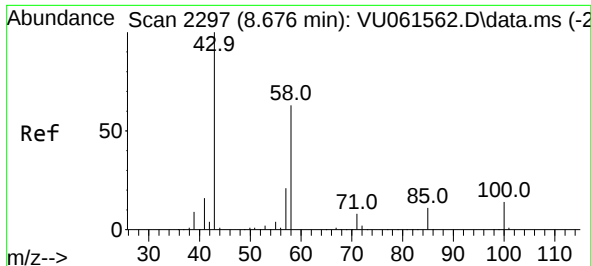
Tgt Ion:	97	Resp:	44539
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.1	81.9
83	84.3	61.2	113.6
85	56.1	38.1	70.7



#47
Tetrachloroethene
Concen: 4.432 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion:	164	Resp:	43472
Ion	Ratio	Lower	Upper
164	100		
129	100.5	69.9	129.7
131	93.5	68.3	126.8
166	125.0	88.8	165.0

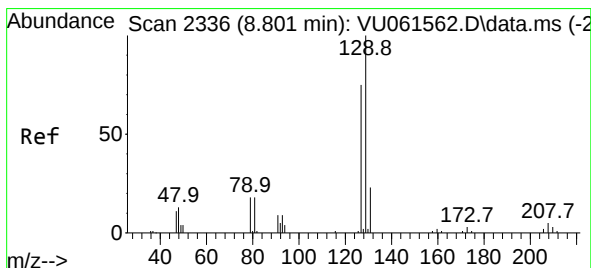
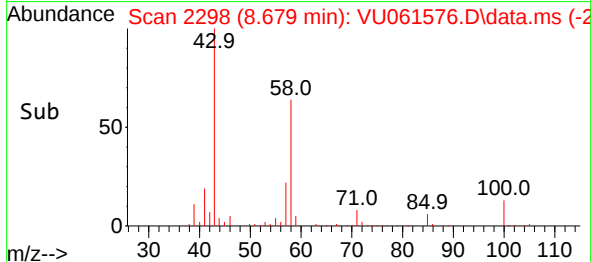
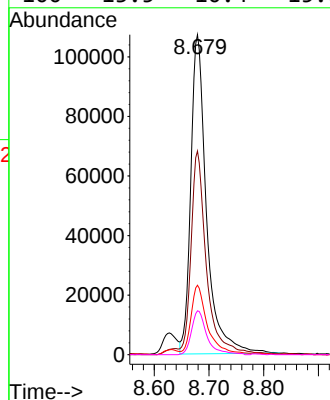
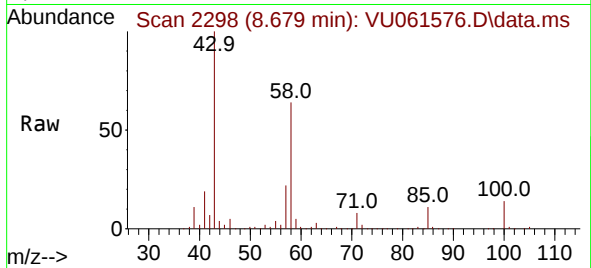




#48
2-Hexanone
Concen: 46.530 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

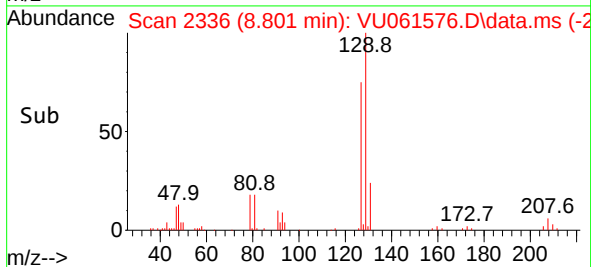
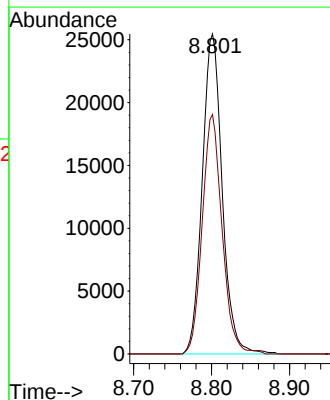
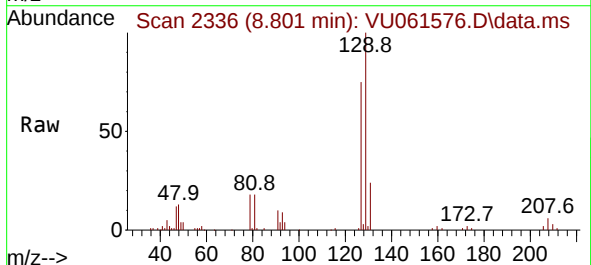
Instrument :
MSVOA_U
ClientSampleId :

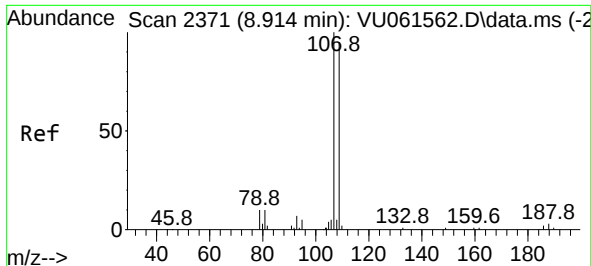
Tgt Ion: 43 Resp: 214314
Ion Ratio Lower Upper
43 100
58 62.3 48.6 72.8
57 21.8 17.0 25.6
100 13.5 10.4 15.6



#49
Dibromochloromethane
Concen: 4.244 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion: 129 Resp: 45337
Ion Ratio Lower Upper
129 100
127 74.8 51.8 96.2

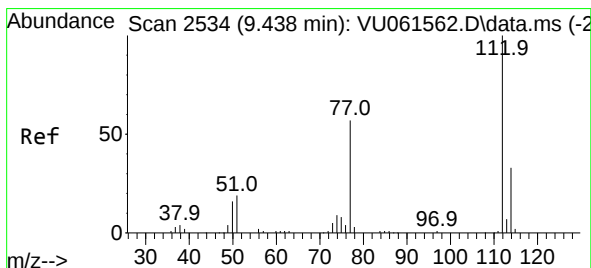
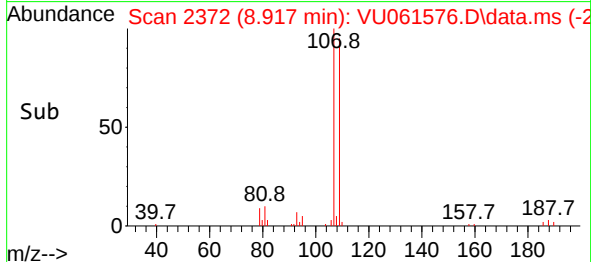
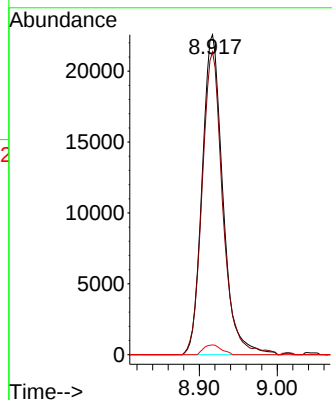
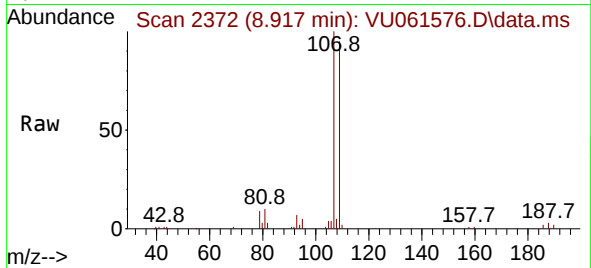




#50
1,2-Dibromoethane
Concen: 4.553 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

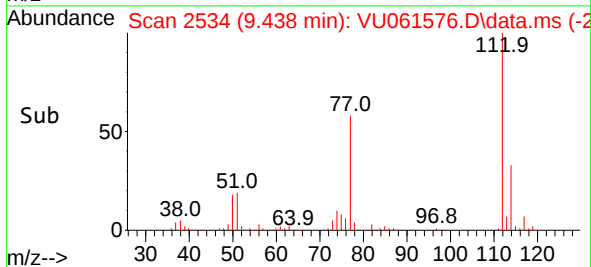
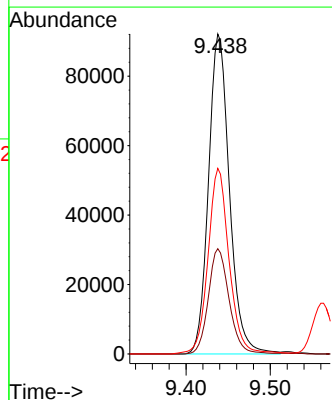
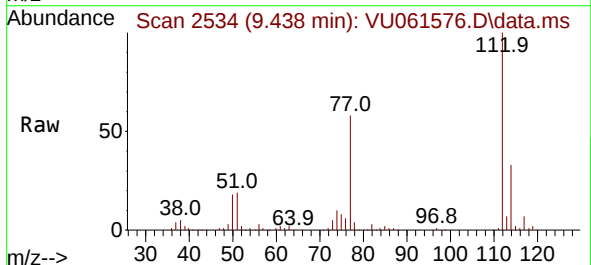
Instrument :
MSVOA_U
ClientSampleId :

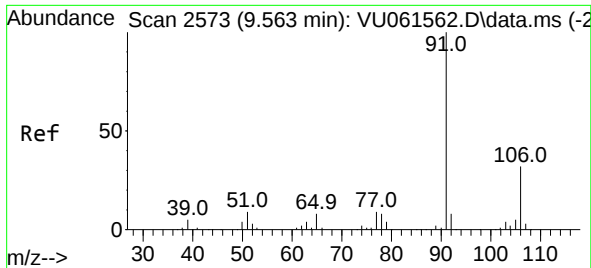
Tgt Ion:107 Resp: 41659
Ion Ratio Lower Upper
107 100
109 94.6 63.4 117.8
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 4.494 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion:112 Resp: 159255
Ion Ratio Lower Upper
112 100
114 32.9 22.9 42.5
77 58.0 47.1 70.7

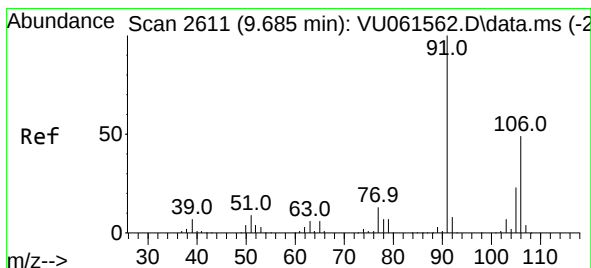
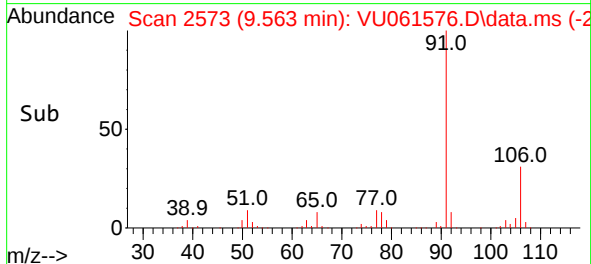
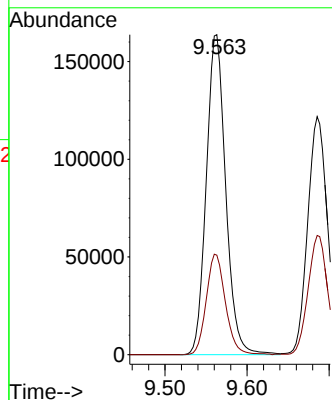
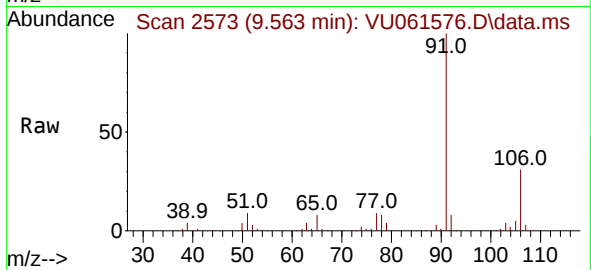




#52
Ethylbenzene
Concen: 4.368 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

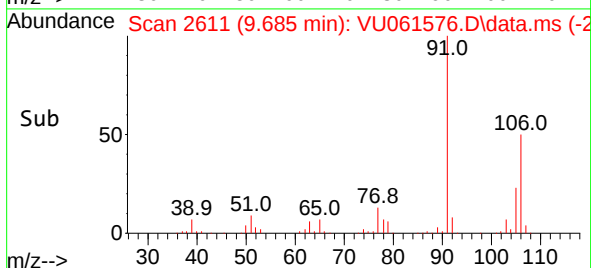
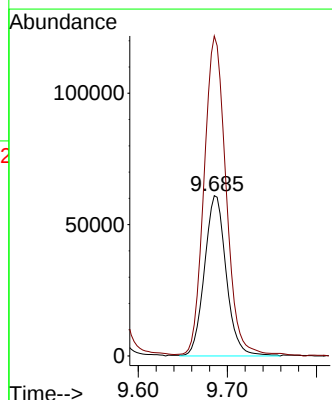
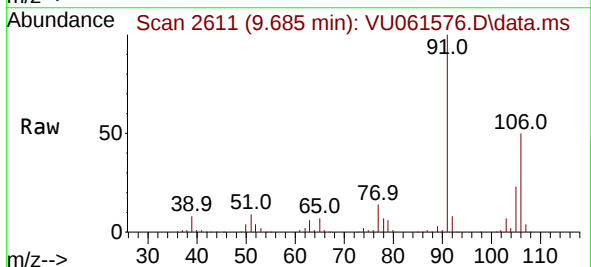
Instrument :
MSVOA_U
ClientSampleId :

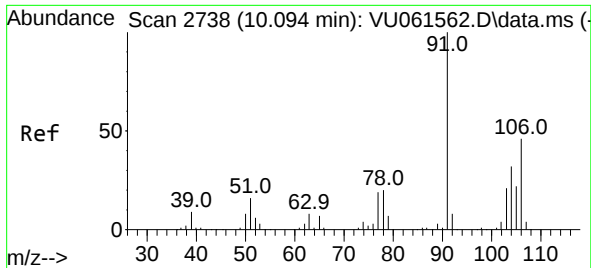
Tgt Ion: 91 Resp: 269365
Ion Ratio Lower Upper
91 100
106 31.1 22.0 41.0



#53
m,p-Xylene
Concen: 4.402 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion:106 Resp: 103421
Ion Ratio Lower Upper
106 100
91 199.5 145.7 270.7

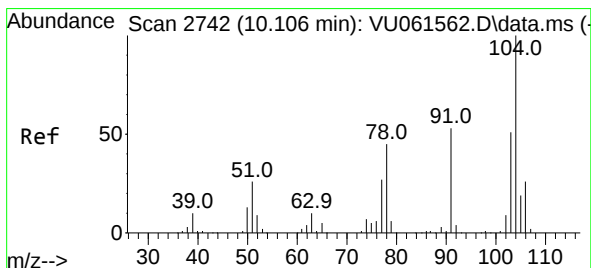
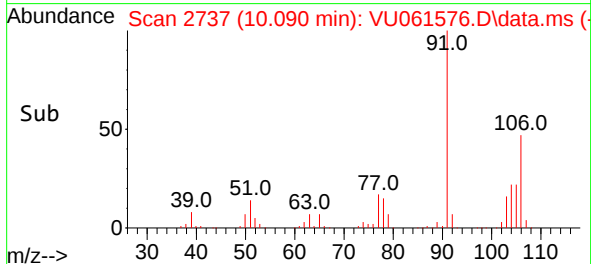
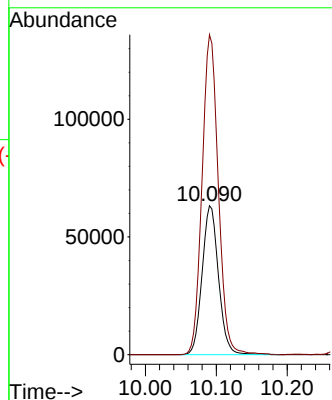
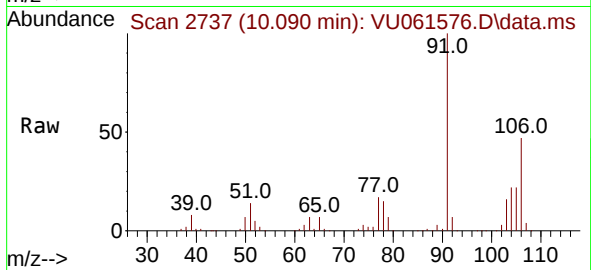




#54
o-Xylene
Concen: 4.382 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

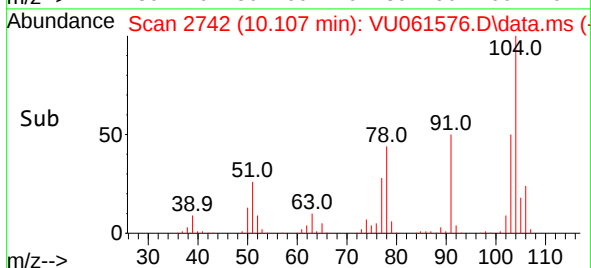
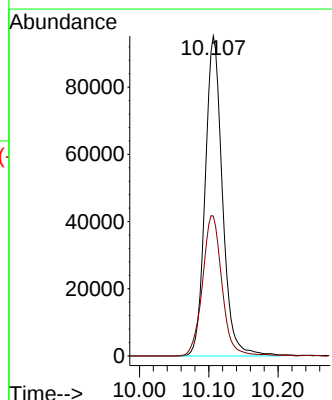
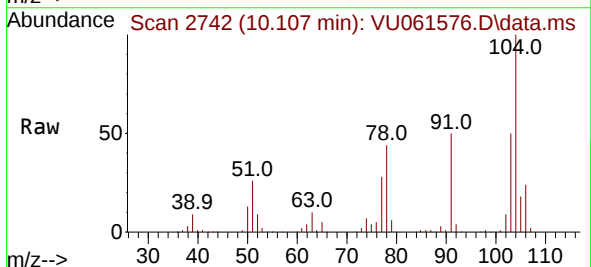
Instrument :
MSVOA_U
ClientSampleId :

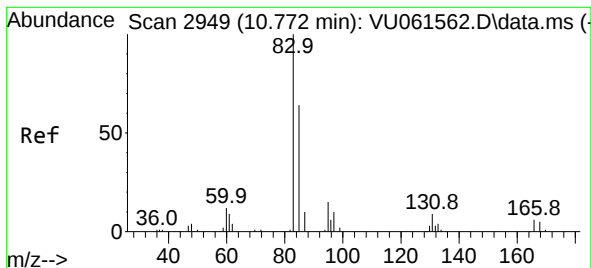
Tgt Ion:106 Resp: 101602
Ion Ratio Lower Upper
106 100
91 214.9 148.8 276.4



#55
Styrene
Concen: 4.419 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion:104 Resp: 164256
Ion Ratio Lower Upper
104 100
78 43.7 32.3 59.9

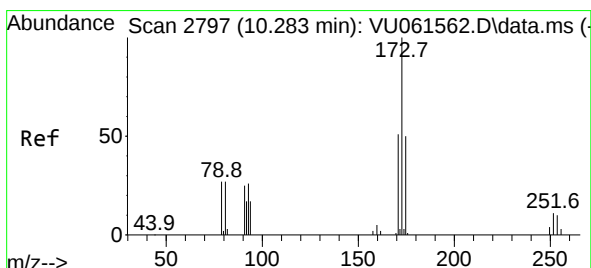
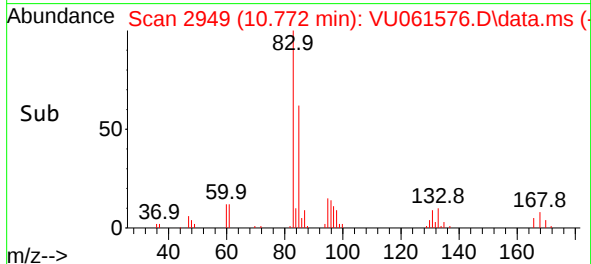
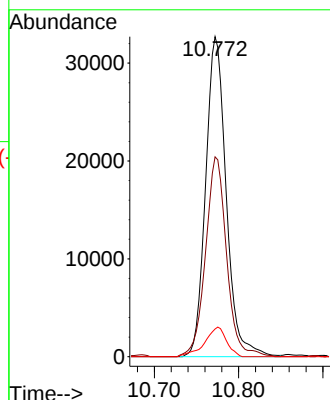
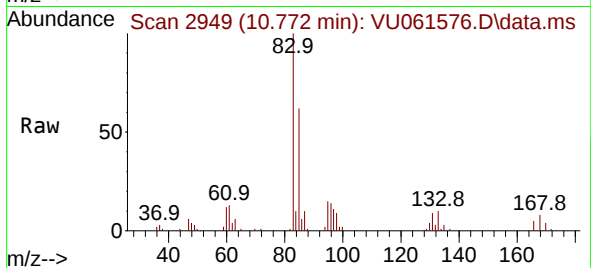




#57
1,1,2,2-Tetrachloroethane
Concen: 4.903 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

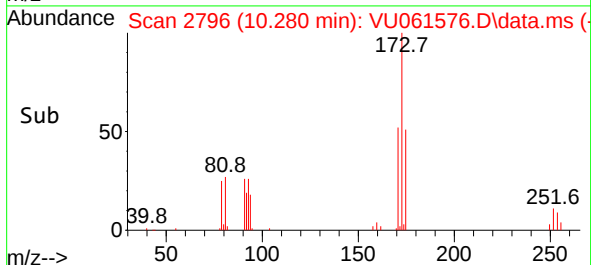
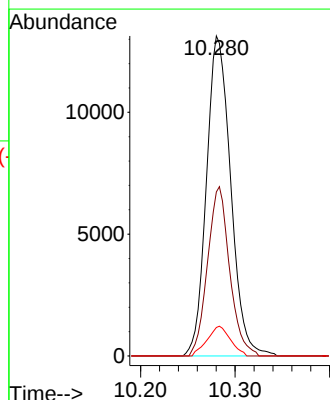
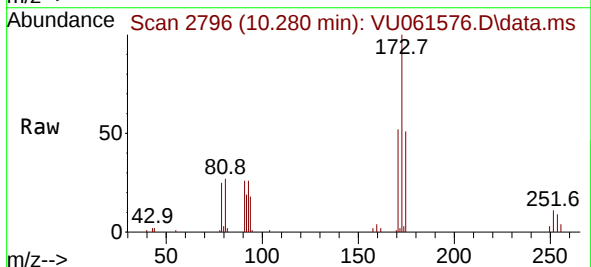
Instrument :
MSVOA_U
ClientSampleId :

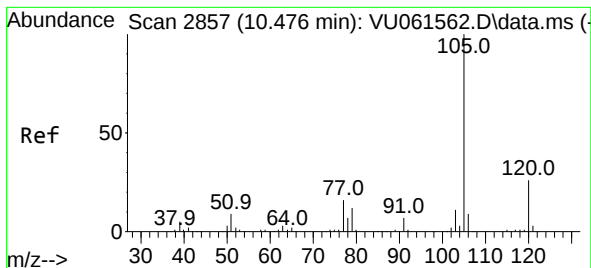
Tgt Ion: 83 Resp: 55640
Ion Ratio Lower Upper
83 100
85 62.5 45.3 84.1
131 8.7 7.6 11.4



#59
Bromoform
Concen: 3.797 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion:173 Resp: 23379
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 8.9 6.8 10.2





#60

Isopropylbenzene

Concen: 4.243 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

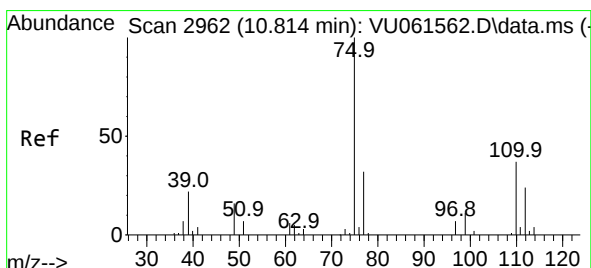
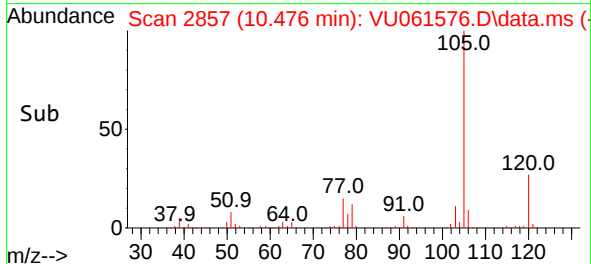
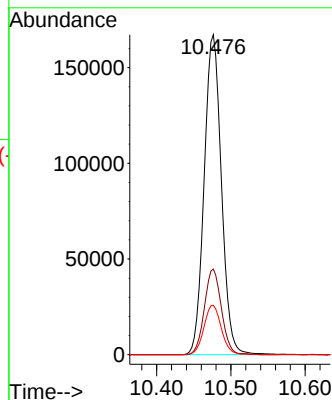
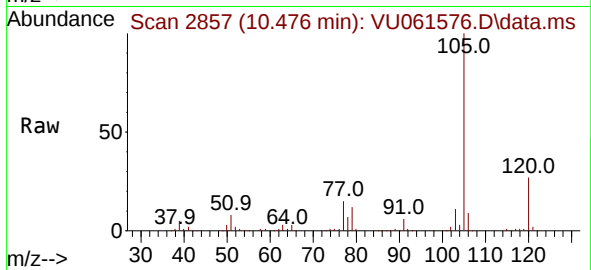
Tgt Ion:105 Resp: 269620

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.415 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

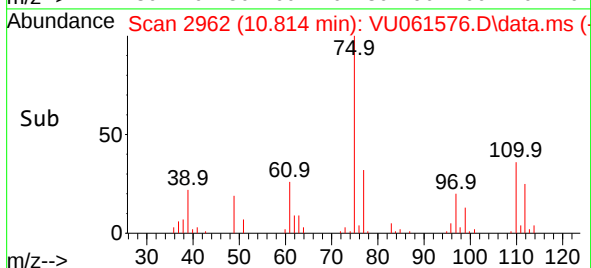
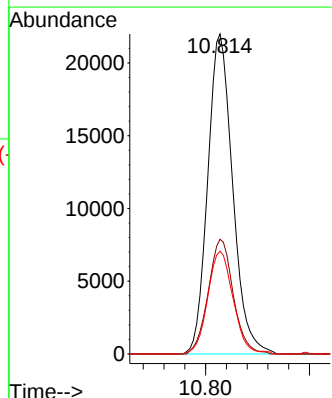
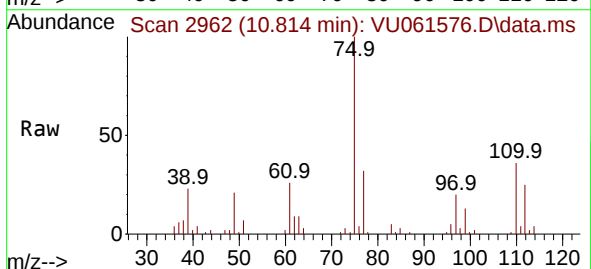
Tgt Ion: 75 Resp: 36585

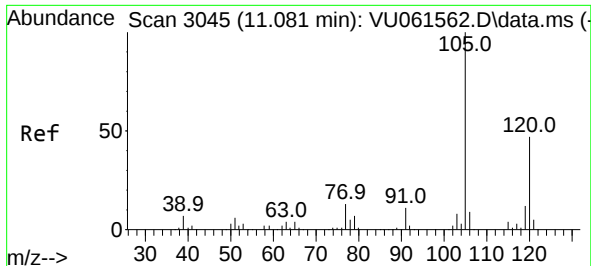
Ion Ratio Lower Upper

75 100

110 36.0 28.8 43.2

77 32.7 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.063 ug/L

RT: 11.078 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

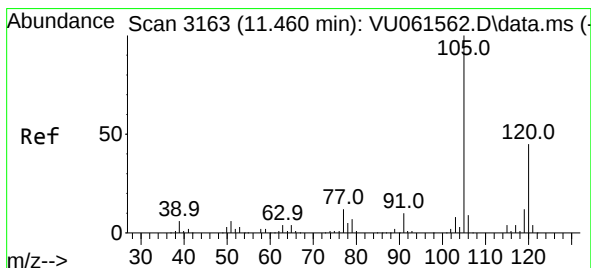
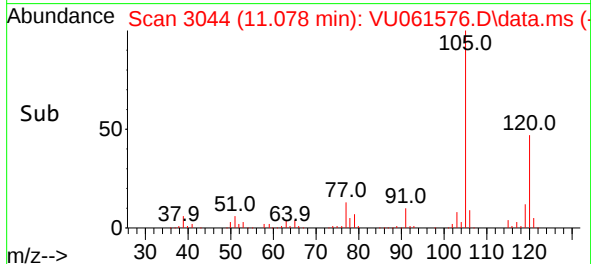
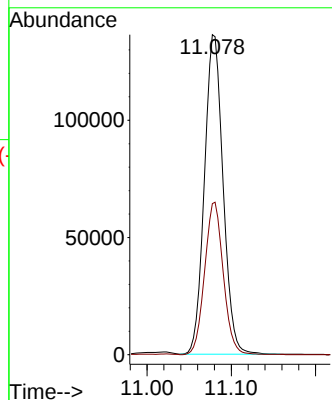
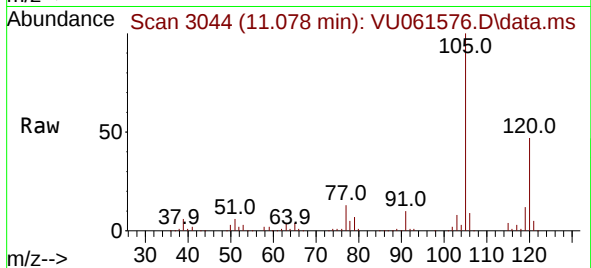
ClientSampleId :

Tgt Ion:105 Resp: 210209

Ion Ratio Lower Upper

105 100

120 47.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.082 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061576.D

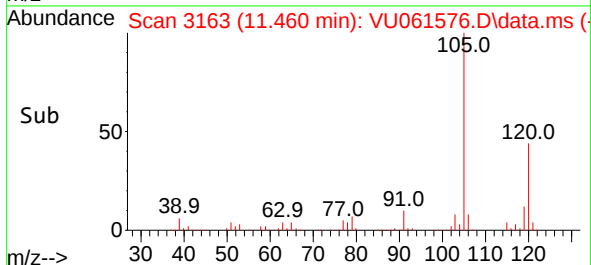
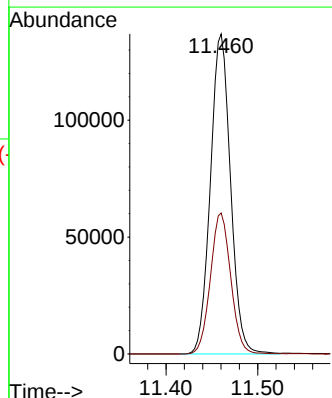
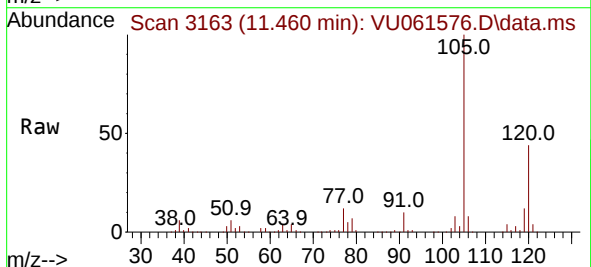
Acq: 09 Nov 2024 03:49

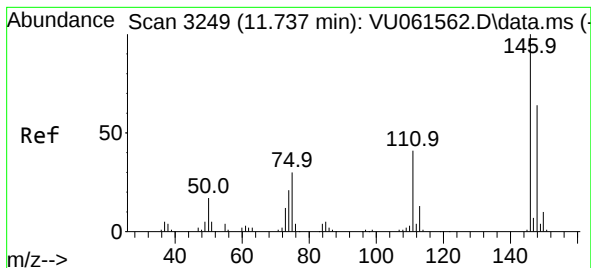
Tgt Ion:105 Resp: 208756

Ion Ratio Lower Upper

105 100

120 44.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.483 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

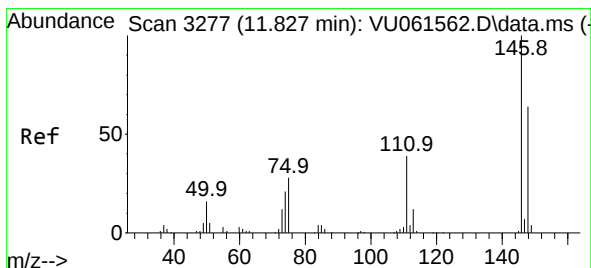
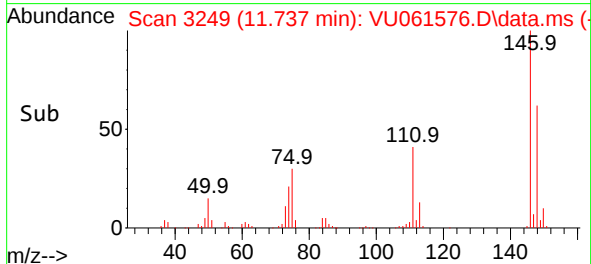
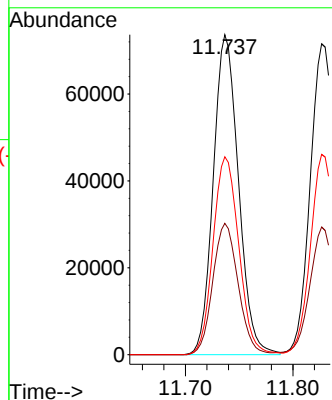
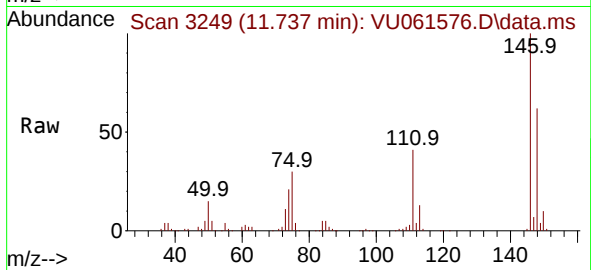
Tgt Ion:146 Resp: 119891

Ion Ratio Lower Upper

146 100

111 41.1 30.0 55.8

148 61.9 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.396 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

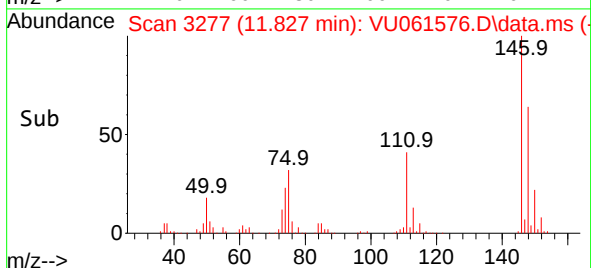
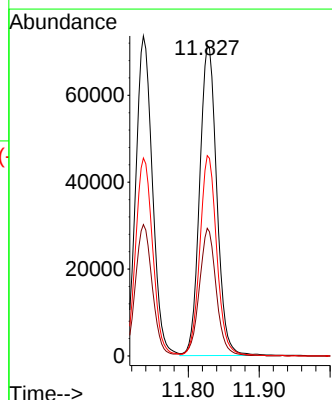
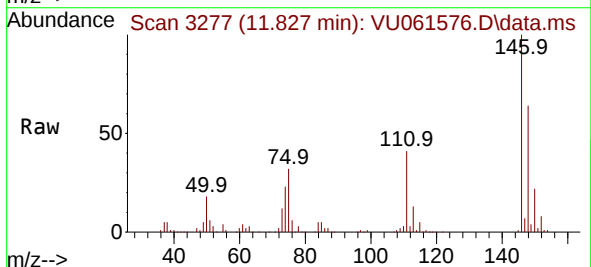
Tgt Ion:146 Resp: 119847

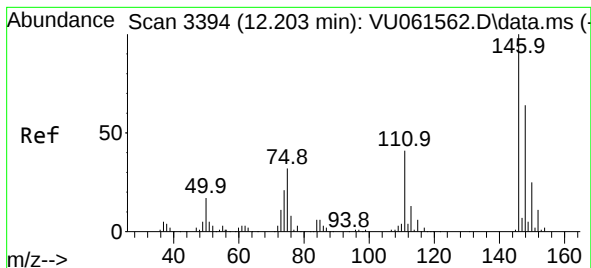
Ion Ratio Lower Upper

146 100

111 41.1 28.2 52.4

148 64.4 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.457 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

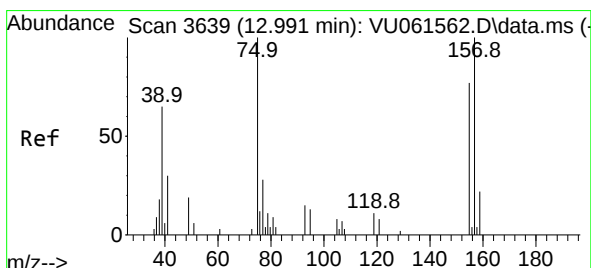
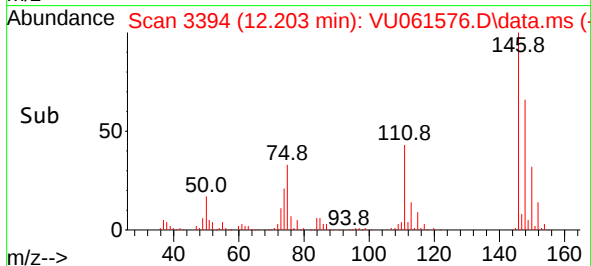
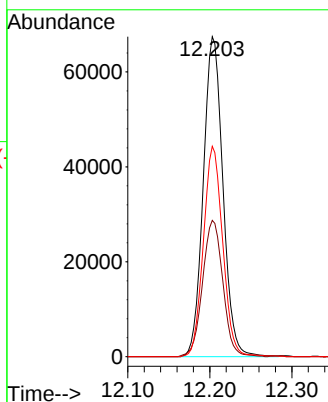
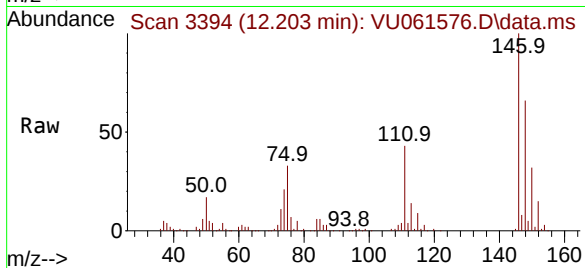
Tgt Ion:146 Resp: 112183

Ion Ratio Lower Upper

146 100

111 42.6 35.2 52.8

148 65.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 3.761 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061576.D

Acq: 09 Nov 2024 03:49

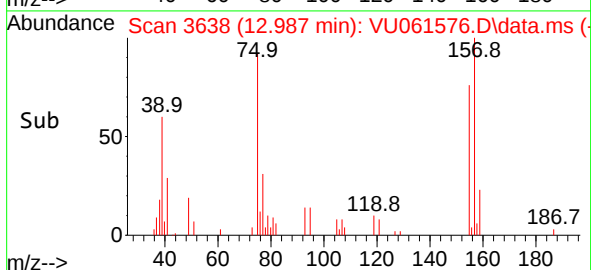
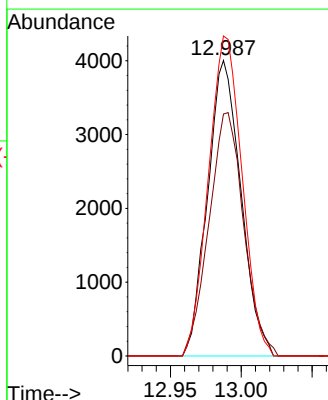
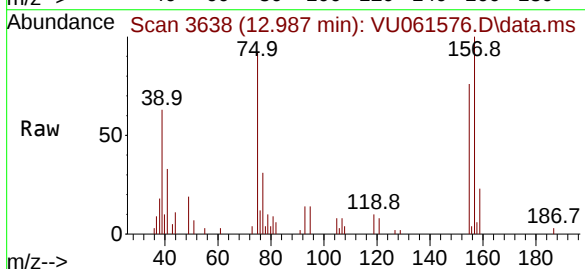
Tgt Ion: 75 Resp: 6543

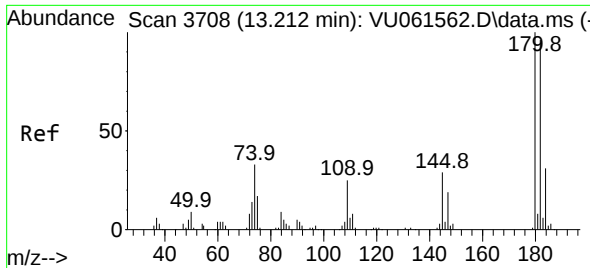
Ion Ratio Lower Upper

75 100

155 81.9 69.3 103.9

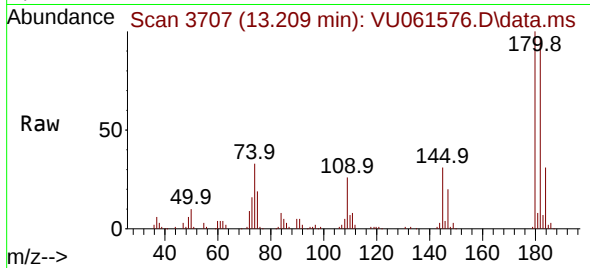
157 108.3 81.4 122.2



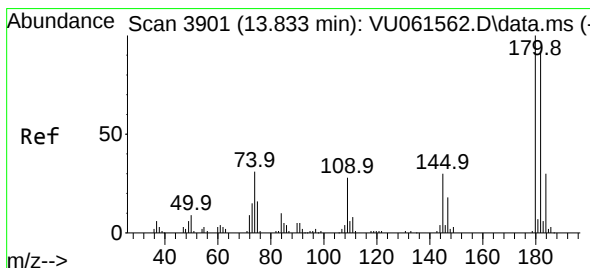
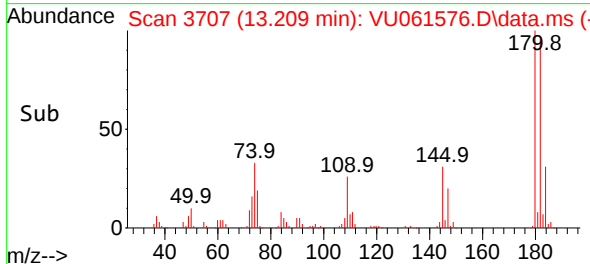
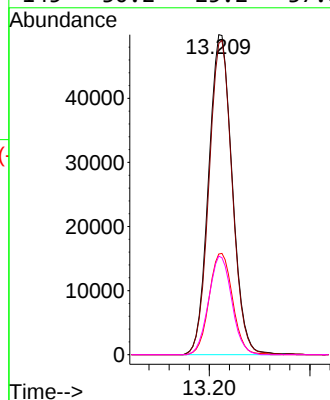


#69
 1,3,5-Trichlorobenzene
 Concen: 4.429 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU061576.D
 Acq: 09 Nov 2024 03:49

Instrument :
 MSVOA_U
 ClientSampleId :

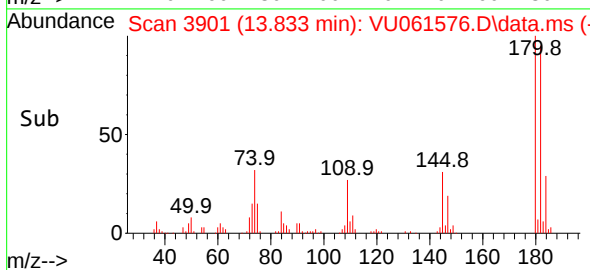
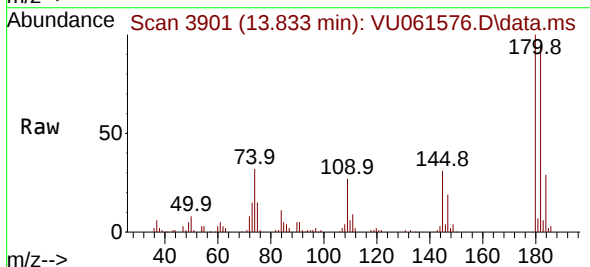
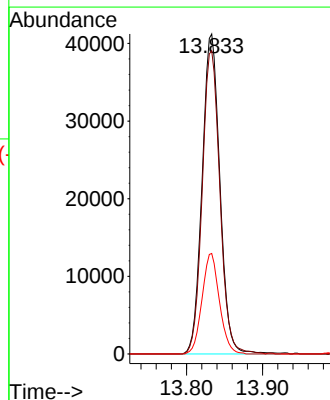


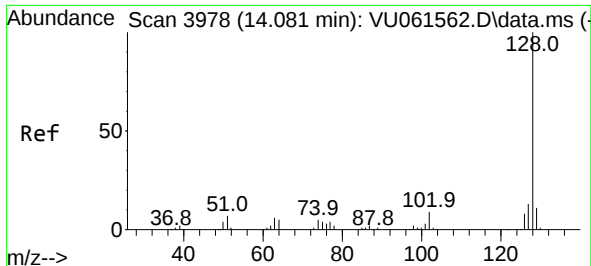
Tgt Ion:180 Resp: 81202
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.4 116.2
 184 31.5 24.4 36.6
 145 30.2 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.523 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU061576.D
 Acq: 09 Nov 2024 03:49

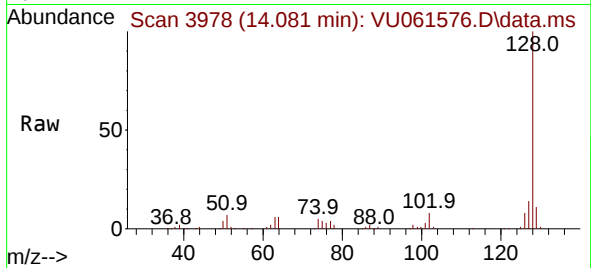
Tgt Ion:180 Resp: 66914
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.2 115.8
 145 30.7 25.6 38.4



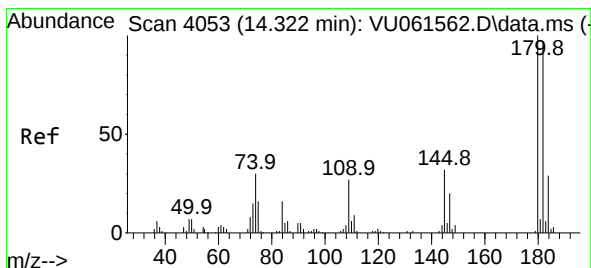
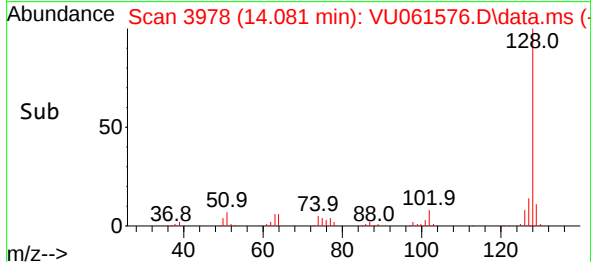
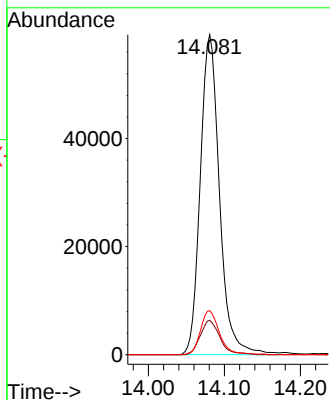


#71
Naphthalene
Concen: 4.454 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 103976
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.6 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.658 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061576.D
Acq: 09 Nov 2024 03:49

Tgt Ion:180 Resp: 57657
Ion Ratio Lower Upper
180 100
182 97.2 76.0 114.0
145 33.2 26.5 39.7

