

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061102.D
 Acq On : 10 Oct 2024 20:27
 Operator : MD/SY
 Sample : P4380-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 06:53:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171481	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79051	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38657	3.153	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.907	69	33850	3.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.554	65	17728	3.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.647	46	107520	36.612	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.220%
24) Chloroform-d	5.052	84	88019	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.692	65	43717	3.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.718	84	162705	3.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.682	67	53591	3.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.888	98	148402	3.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.174	79	21783	3.669	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.627	63	102525	41.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42585	4.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	52841	4.180	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	40459	4.841	ug/L	99
3) Chloromethane	1.515	50	54341	4.502	ug/L	98
5) Vinyl chloride	1.596	62	60657	5.006	ug/L	98
6) Bromomethane	1.850	94	24083	3.726	ug/L	98
8) Chloroethane	1.927	64	38593	5.251	ug/L	98
9) Trichlorofluoromethane	2.129	101	84257	5.412	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	53896	5.241	ug/L	96
12) 1,1-Dichloroethene	2.567	96	51849	5.236	ug/L	92
13) Acetone	2.666	43	118716	62.856	ug/L	96
14) Carbon disulfide	2.782	76	173860	5.167	ug/L	99
15) Methyl Acetate	2.962	43	21222	4.615	ug/L	92
16) Methylene chloride	3.036	84	57389	5.048	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	145181	5.124	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	56899	5.242	ug/L	97
19) 1,1-Dichloroethane	3.856	63	114173	5.405	ug/L	98
21) 2-Butanone	4.724	43	134797	43.354	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	65097	5.385	ug/L	95
23) Bromochloromethane	4.965	128	26044	5.352	ug/L	90
25) Chloroform	5.078	83	111699	5.279	ug/L	97

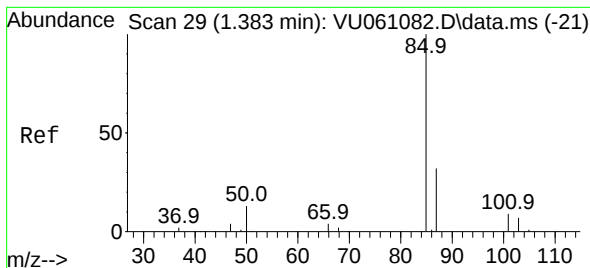
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71357	5.120	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	94695	5.103	ug/L	96
30) Cyclohexane	5.377	56	103198	4.992	ug/L	95
31) Carbon tetrachloride	5.515	117	84008	5.334	ug/L	99
33) Benzene	5.763	78	301457	6.377	ug/L	100
34) Trichloroethene	6.534	95	64449	5.029	ug/L	96
35) Methylcyclohexane	6.753	83	105448	5.095	ug/L	99
37) 1,2-Dichloropropane	6.782	63	64983	5.216	ug/L #	97
38) Bromodichloromethane	7.097	83	81156	5.211	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	98793	5.057	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	406722	50.969	ug/L	95
42) Toluene	7.962	91	280005	5.560	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	80820	5.003	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	43550	5.274	ug/L	98
47) Tetrachloroethene	8.544	164	46744	5.604	ug/L	96
48) 2-Hexanone	8.679	43	274298	49.580	ug/L	98
49) Dibromochloromethane	8.801	129	52229	5.437	ug/L	97
50) 1,2-Dibromoethane	8.917	107	41898	5.360	ug/L #	99
51) Chlorobenzene	9.438	112	165075	5.381	ug/L	95
52) Ethylbenzene	9.563	91	299829	5.253	ug/L	98
53) m,p-Xylene	9.685	106	109002	5.236	ug/L	90
54) o-Xylene	10.090	106	110741	5.406	ug/L	94
55) Styrene	10.106	104	168554	5.099	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	55643	5.363	ug/L	97
59) Bromoform	10.283	173	28589	5.269	ug/L	97
60) Isopropylbenzene	10.476	105	273260	5.169	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	39261	5.056	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	234696	5.037	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	239645	5.096	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	124307	5.485	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	121162	5.409	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	115593	5.519	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8559	5.054	ug/L	85
69) 1,3,5-Trichlorobenzene	13.209	180	90626	5.680	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	77301	6.322	ug/L	97
71) Naphthalene	14.077	128	176143	8.818	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65923	6.479	ug/L	98

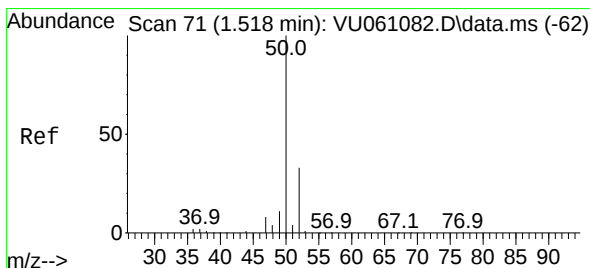
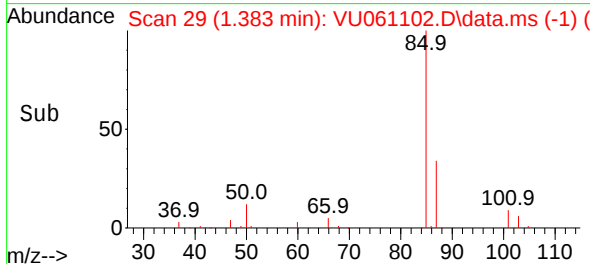
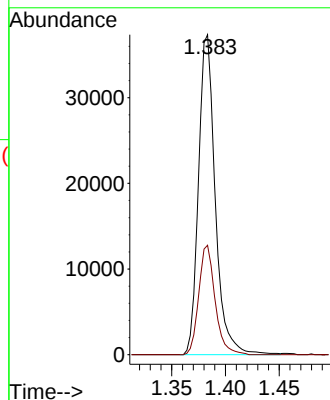
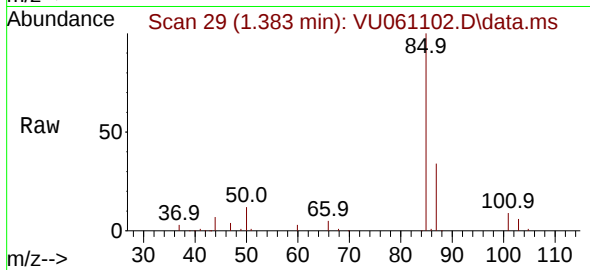
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.841 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

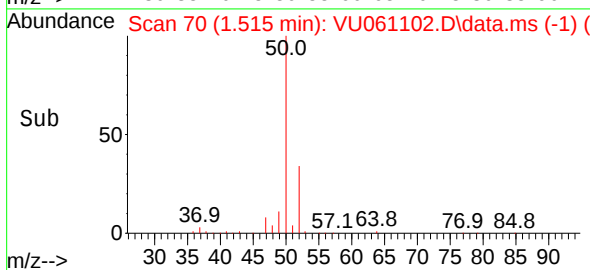
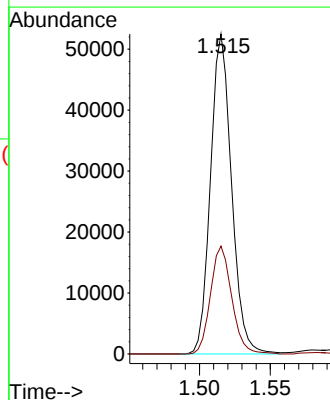
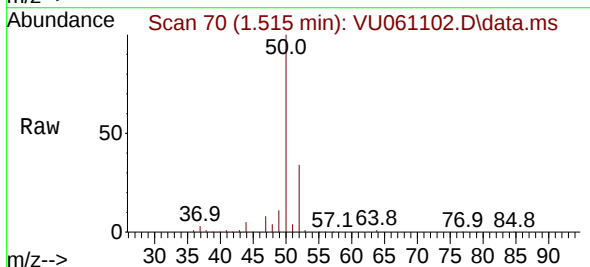
Instrument :
MSVOA_U
ClientSampleId :

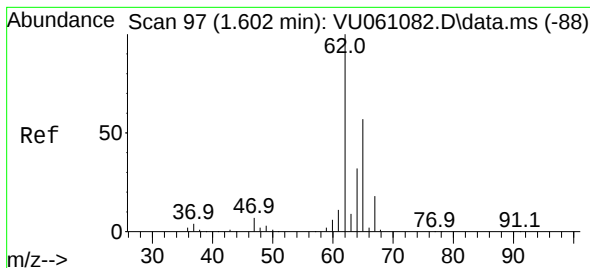
Tgt Ion: 85 Resp: 40459
Ion Ratio Lower Upper
85 100
87 33.3 26.2 39.2



#3
Chloromethane
Concen: 4.502 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion: 50 Resp: 54341
Ion Ratio Lower Upper
50 100
52 33.7 24.4 45.4





#5

Vinyl chloride

Concen: 5.006 ug/L

RT: 1.596 min Scan# 91

Delta R.T. -0.006 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

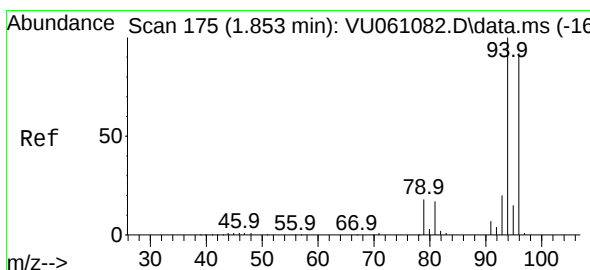
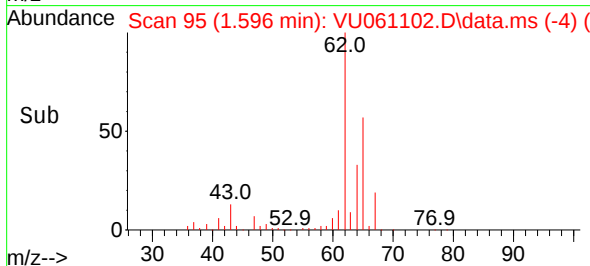
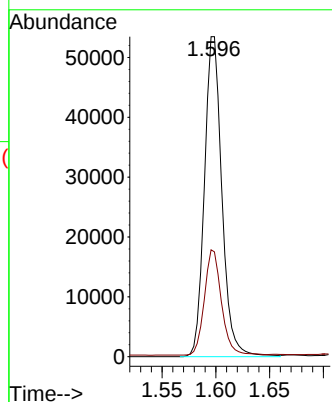
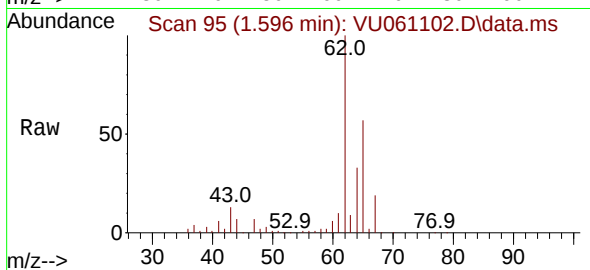
ClientSampleId :

Tgt Ion: 62 Resp: 60657

Ion Ratio Lower Upper

62 100

64 33.4 24.0 44.6



#6

Bromomethane

Concen: 3.726 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU061102.D

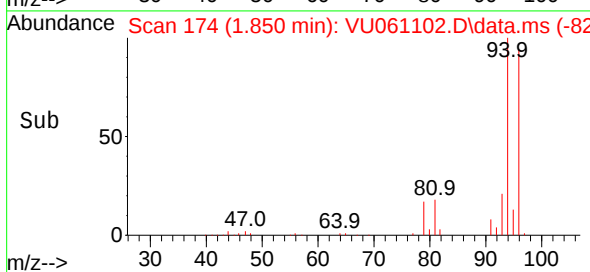
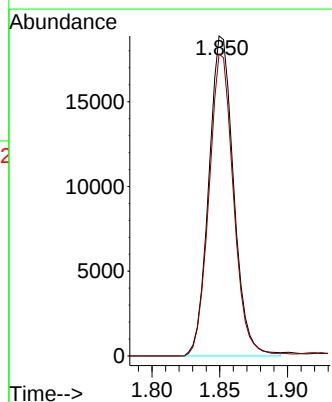
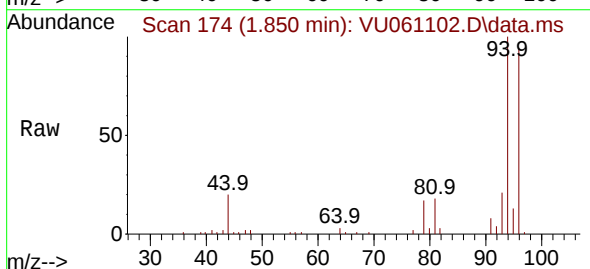
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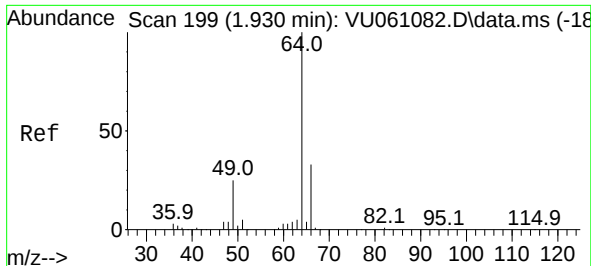
Tgt Ion: 94 Resp: 24083

Ion Ratio Lower Upper

94 100

96 94.4 67.3 124.9

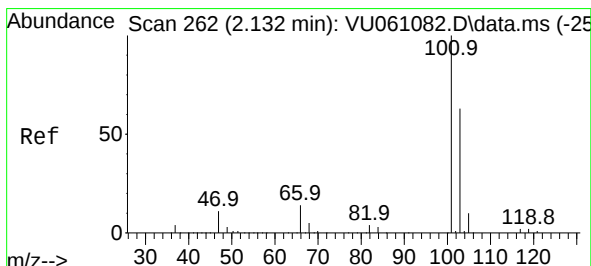
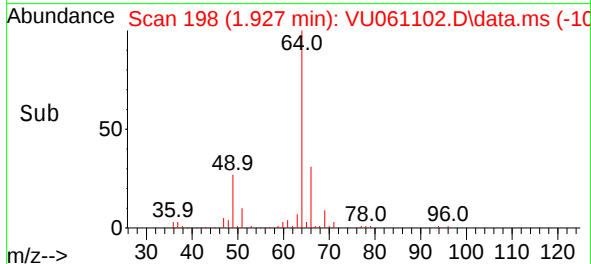
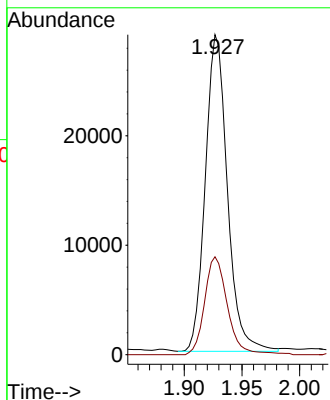
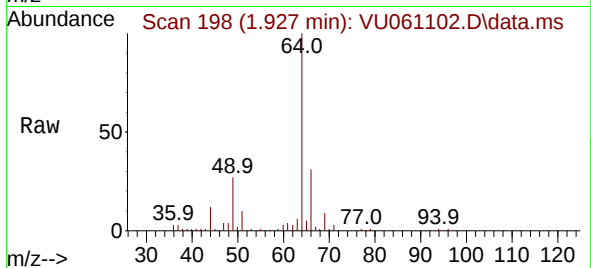




#8
Chloroethane
Concen: 5.251 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

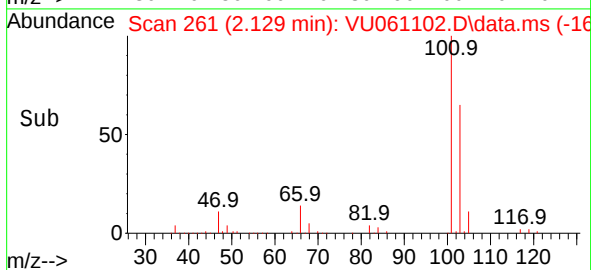
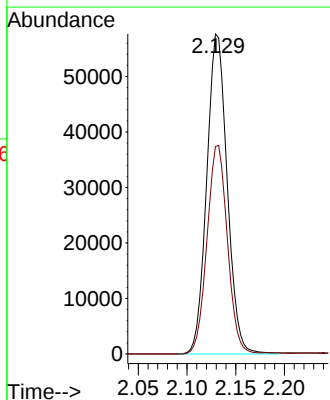
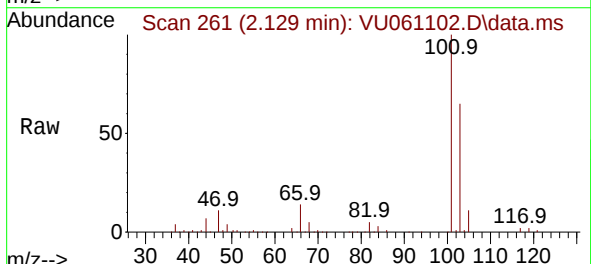
Instrument :
MSVOA_U
ClientSampleId :

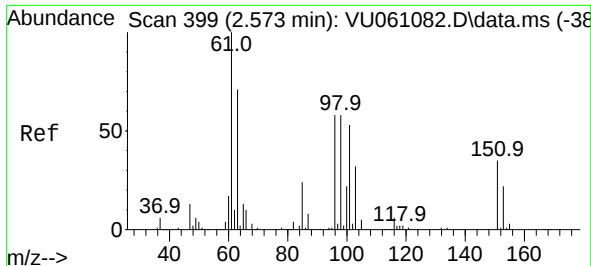
Tgt Ion: 64 Resp: 38593
Ion Ratio Lower Upper
64 100
66 30.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.412 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion:101 Resp: 84257
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

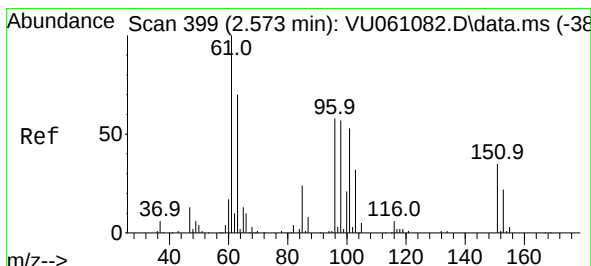
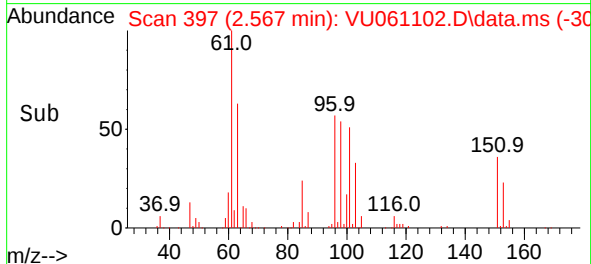
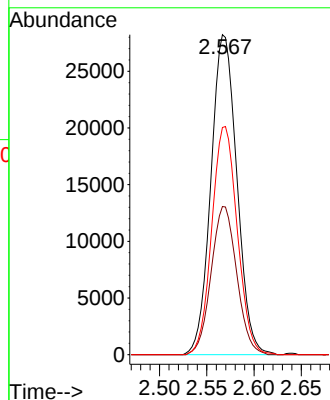
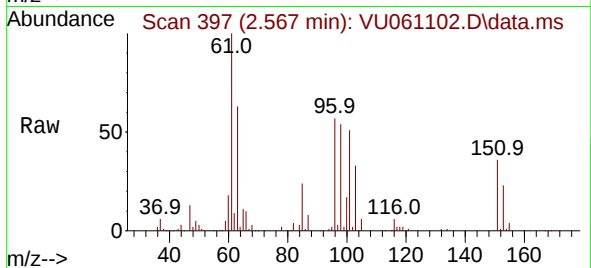




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.241 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VU061102.D
 Acq: 10 Oct 2024 20:27

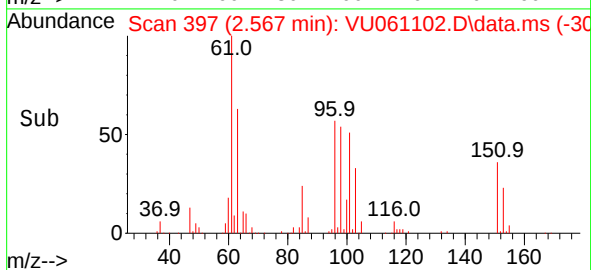
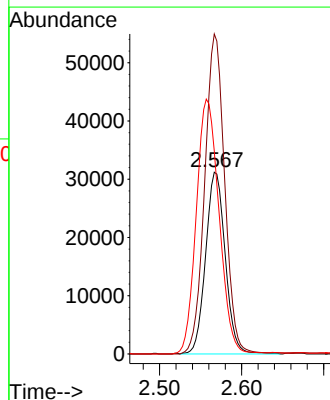
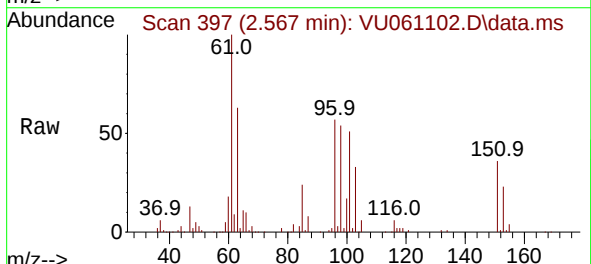
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 ClientSampleId :

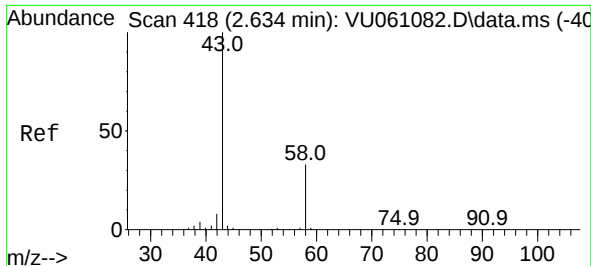
Tgt Ion:101 Resp: 53896
 Ion Ratio Lower Upper
 101 100
 85 45.7 34.2 51.4
 151 70.1 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.236 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VU061102.D
 Acq: 10 Oct 2024 20:27

Tgt Ion: 96 Resp: 51849
 Ion Ratio Lower Upper
 96 100
 61 176.1 120.7 224.1
 63 111.7 90.0 167.2





#13

Acetone

Concen: 62.856 ug/L

RT: 2.666 min Scan# 41

Delta R.T. 0.032 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

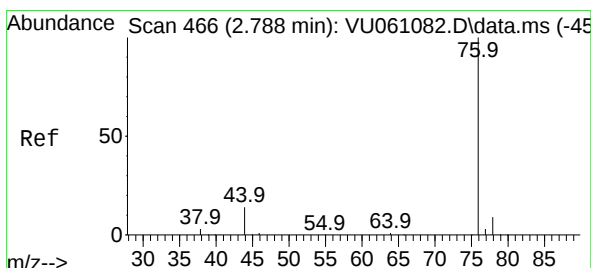
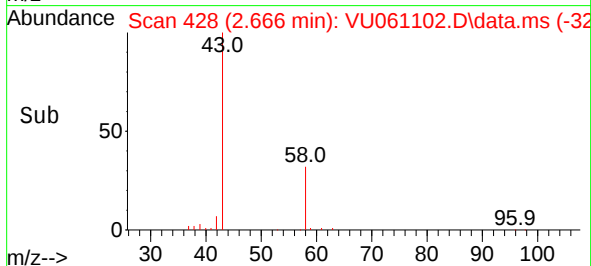
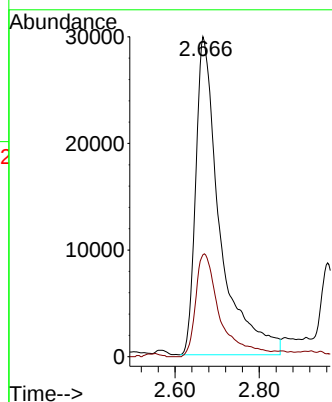
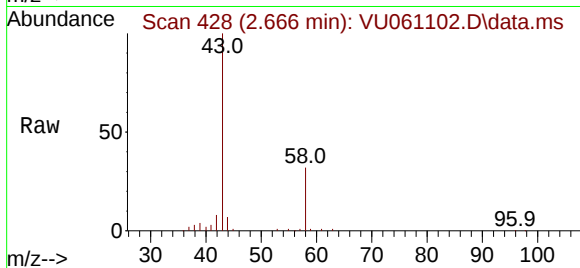
ClientSampleId :

Tgt Ion: 43 Resp: 118716

Ion Ratio Lower Upper

43 100

58 32.6 0.0 69.6



#14

Carbon disulfide

Concen: 5.167 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.006 min

Lab File: VU061102.D

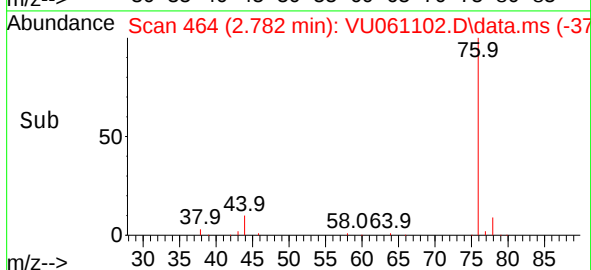
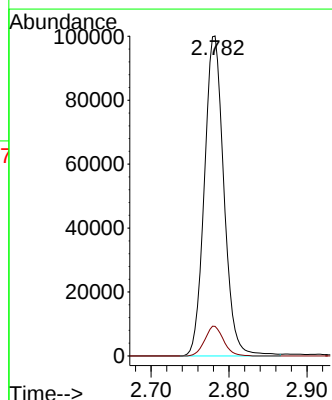
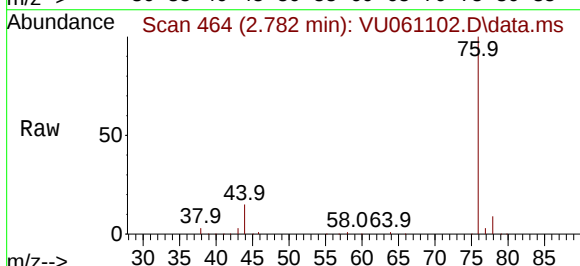
Acq: 10 Oct 2024 20:27

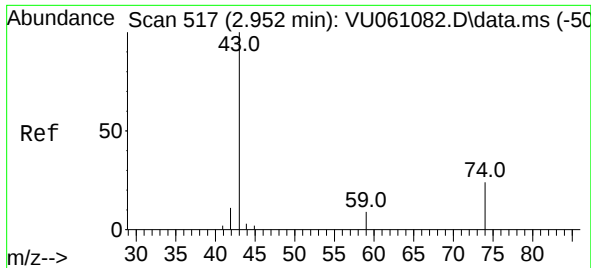
Tgt Ion: 76 Resp: 173860

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 4.615 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

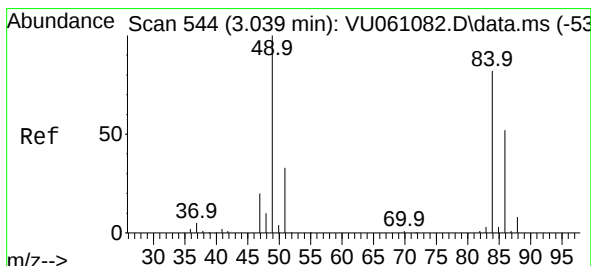
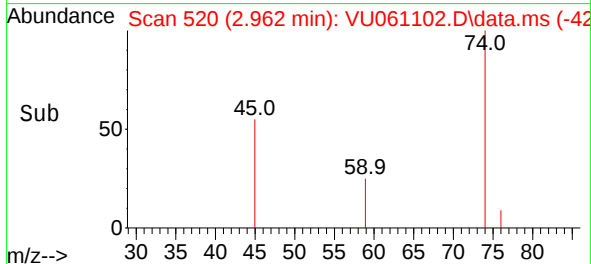
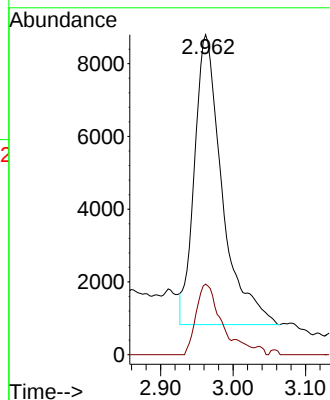
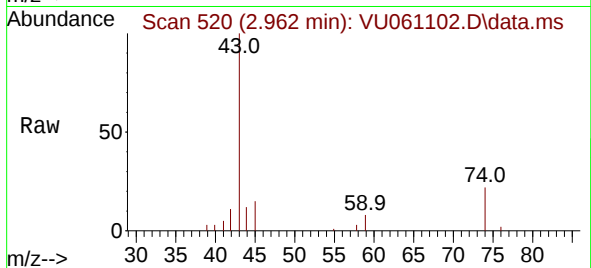
ClientSampleId :

Tgt Ion: 43 Resp: 21222

Ion Ratio Lower Upper

43 100

74 19.9 18.9 28.3



#16

Methylene chloride

Concen: 5.048 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

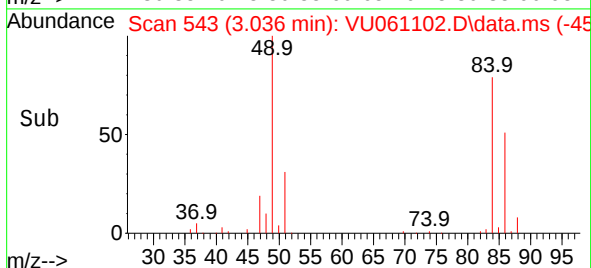
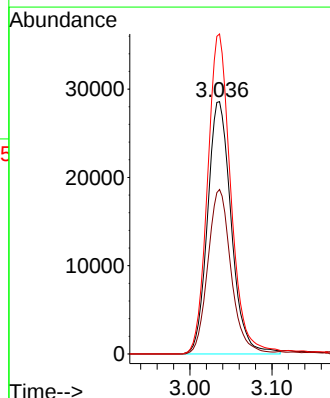
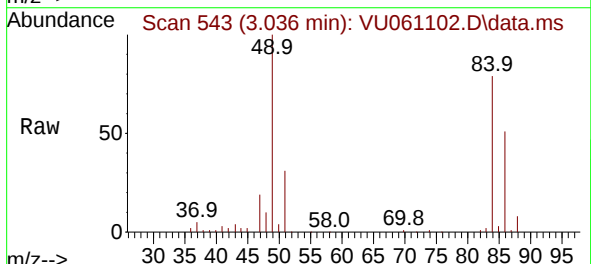
Tgt Ion: 84 Resp: 57389

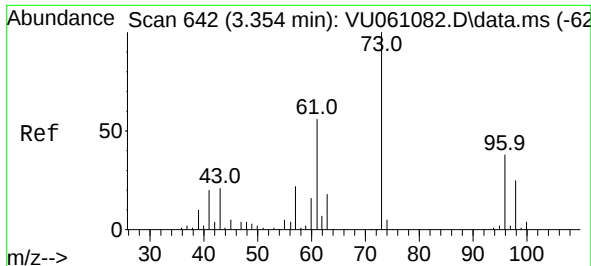
Ion Ratio Lower Upper

84 100

86 65.2 47.3 87.8

49 126.8 78.7 146.1





#17

Methyl tert-butyl Ether

Concen: 5.124 ug/L

RT: 3.357 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

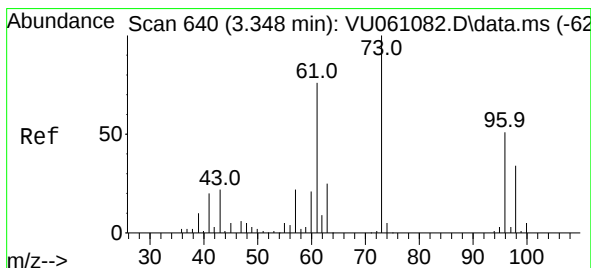
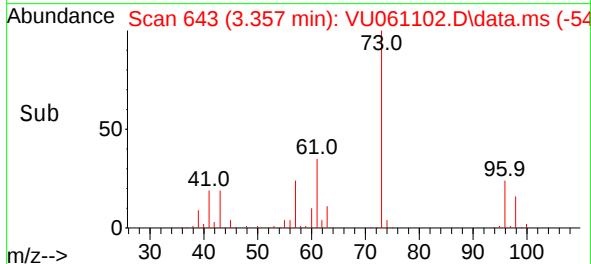
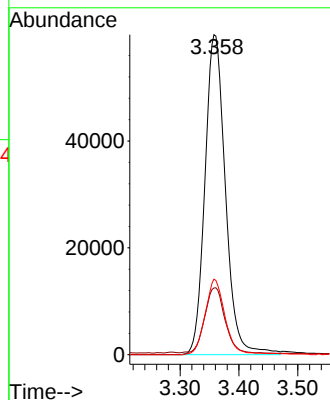
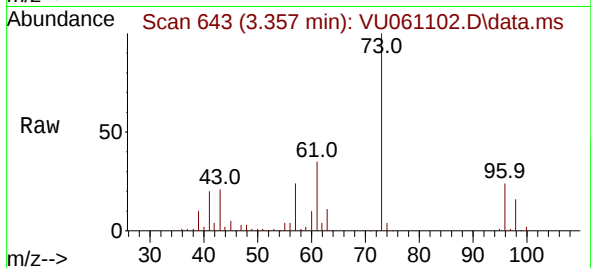
Tgt Ion: 73 Resp: 145181

Ion Ratio Lower Upper

73 100

43 19.8 13.8 20.8

57 22.9 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.242 ug/L

RT: 3.341 min Scan# 638

Delta R.T. -0.006 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

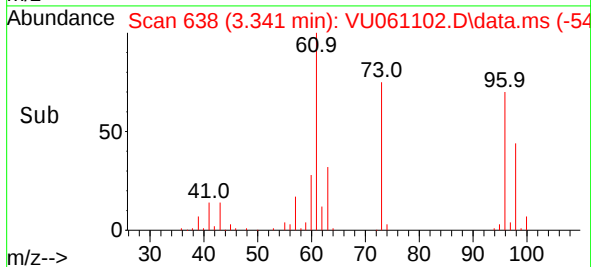
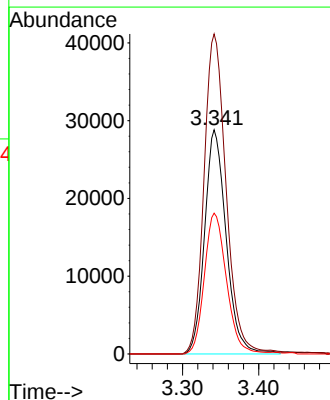
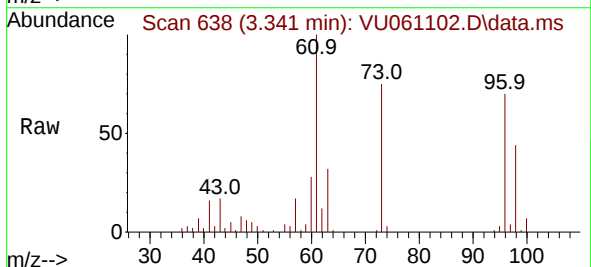
Tgt Ion: 96 Resp: 56899

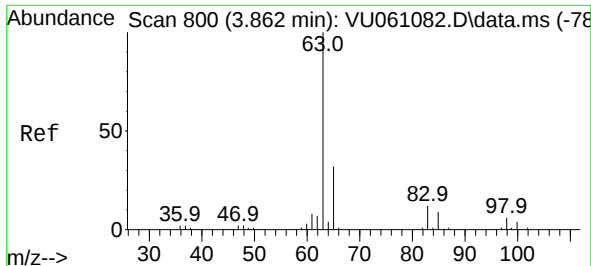
Ion Ratio Lower Upper

96 100

61 142.8 97.2 180.6

98 62.8 43.3 80.5

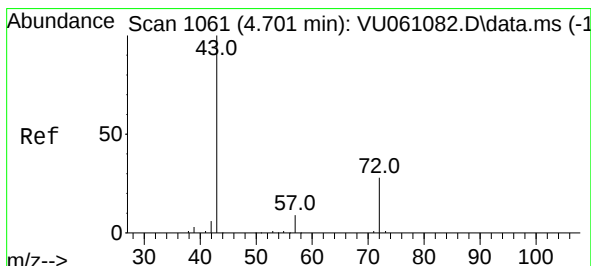
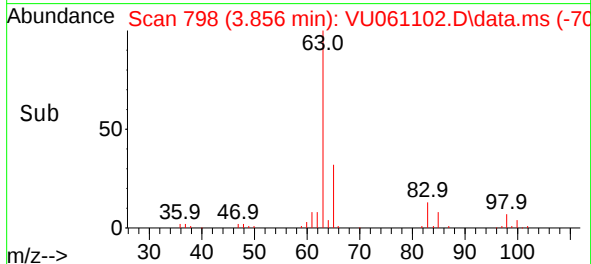
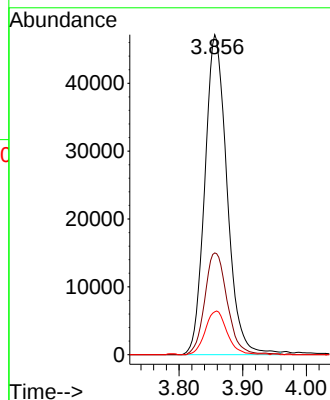
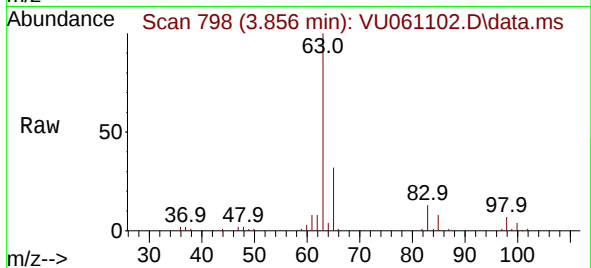




#19
1,1-Dichloroethane
Concen: 5.405 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.006 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

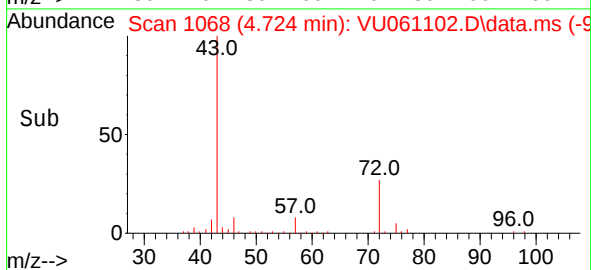
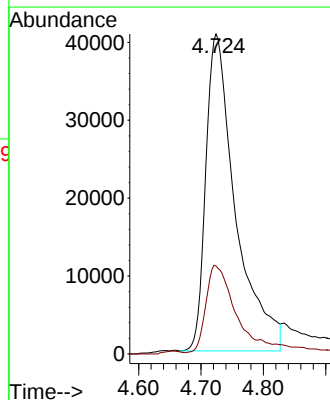
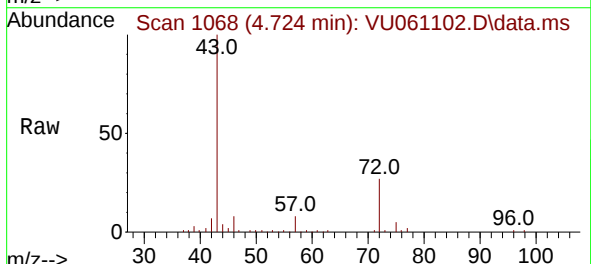
Instrument :
MSVOA_U
ClientSampleId :

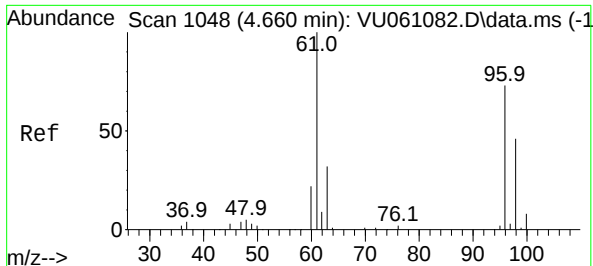
Tgt Ion: 63 Resp: 114173
Ion Ratio Lower Upper
63 100
65 31.8 23.0 42.8
83 13.4 9.0 16.6



#21
2-Butanone
Concen: 43.354 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.023 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion: 43 Resp: 134797
Ion Ratio Lower Upper
43 100
72 30.4 14.8 44.3

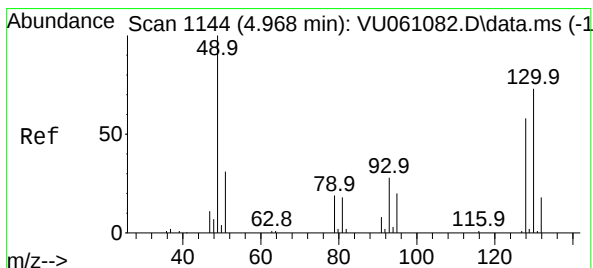
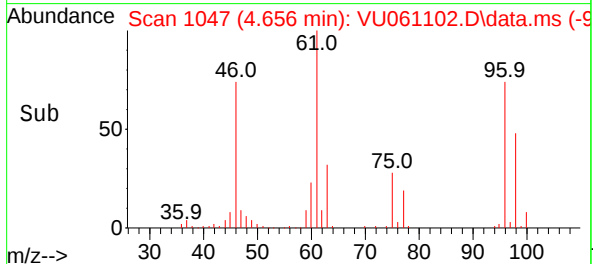
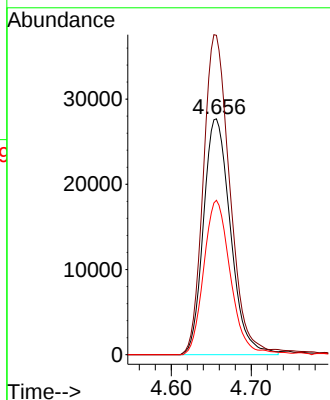
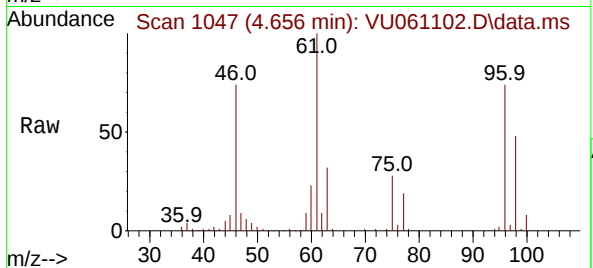




#22
 cis-1,2-Dichloroethene
 Concen: 5.385 ug/L
 RT: 4.656 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU061102.D
 Acq: 10 Oct 2024 20:27

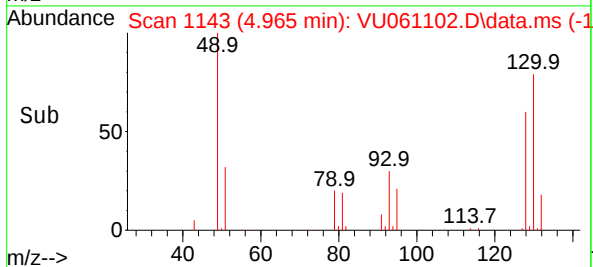
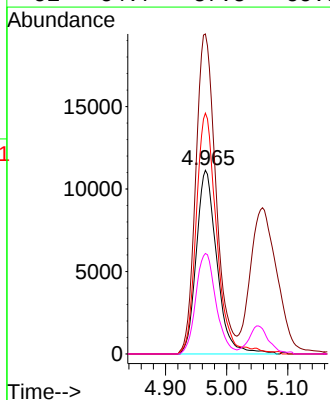
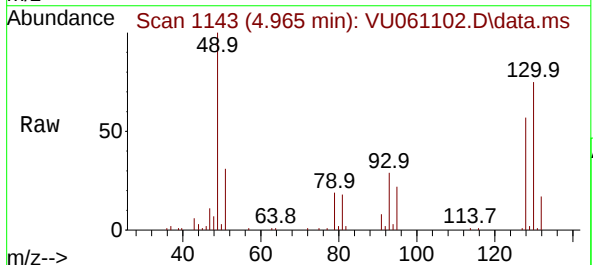
Instrument :
 MSVOA_U
 ClientSampleId :

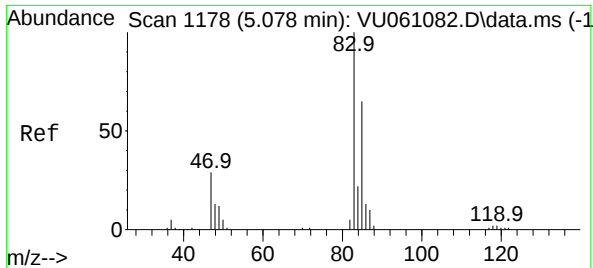
Tgt Ion: 96 Resp: 65097
 Ion Ratio Lower Upper
 96 100
 61 135.4 89.7 166.5
 98 65.5 45.1 83.9



#23
 Bromochloromethane
 Concen: 5.352 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061102.D
 Acq: 10 Oct 2024 20:27

Tgt Ion:128 Resp: 26044
 Ion Ratio Lower Upper
 128 100
 49 174.2 109.6 203.6
 130 131.0 87.8 163.0
 51 54.7 37.3 55.9

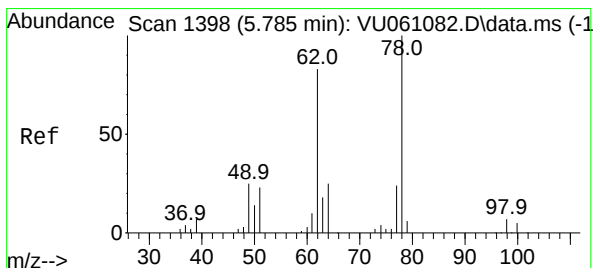
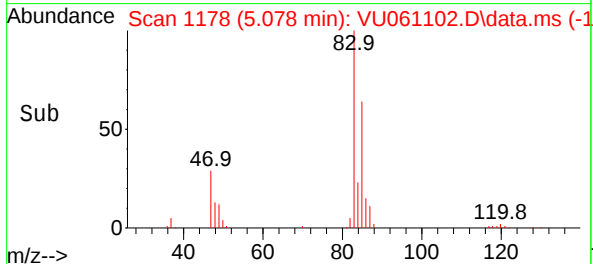
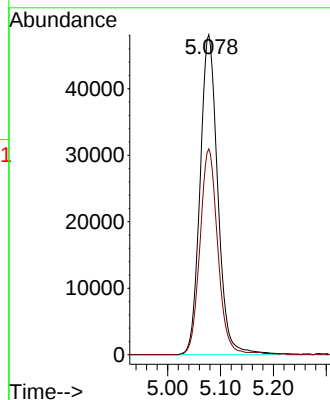
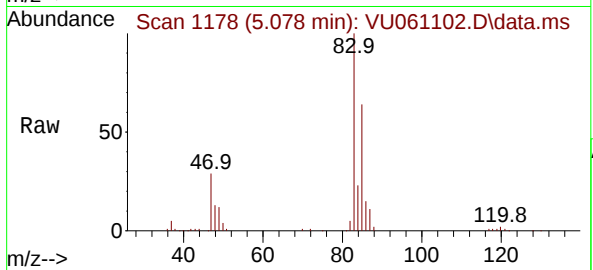




#25
Chloroform
Concen: 5.279 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

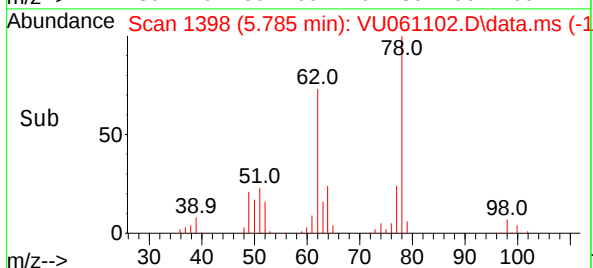
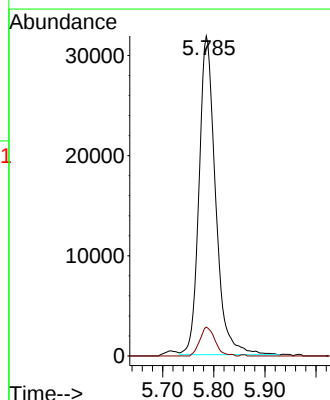
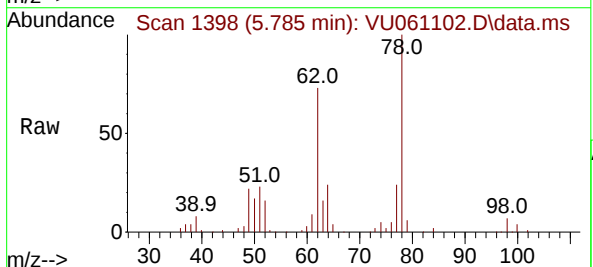
Instrument :
MSVOA_U
ClientSampleId :

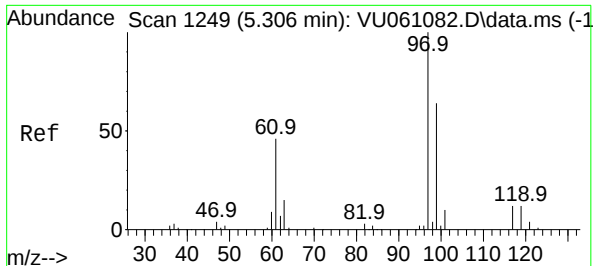
Tgt Ion: 83 Resp: 111699
Ion Ratio Lower Upper
83 100
85 64.3 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.120 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion: 62 Resp: 71357
Ion Ratio Lower Upper
62 100
98 9.0 8.2 12.4

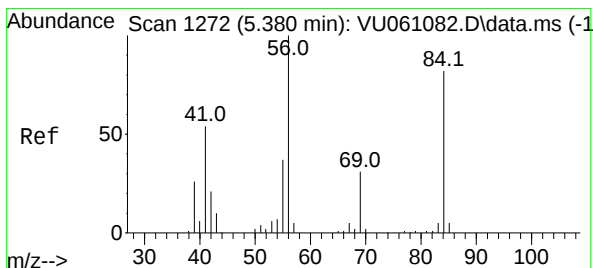
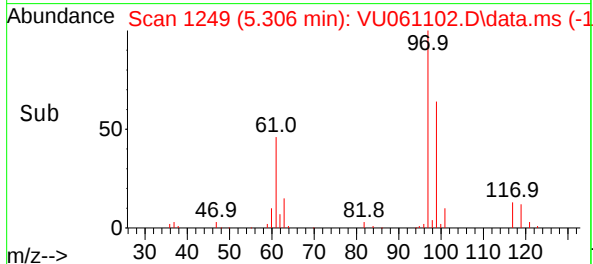
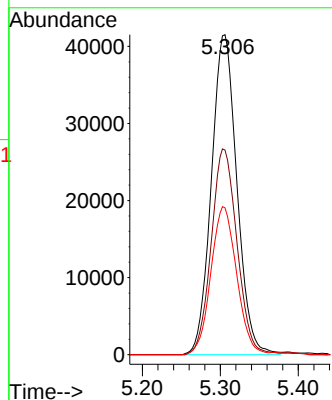
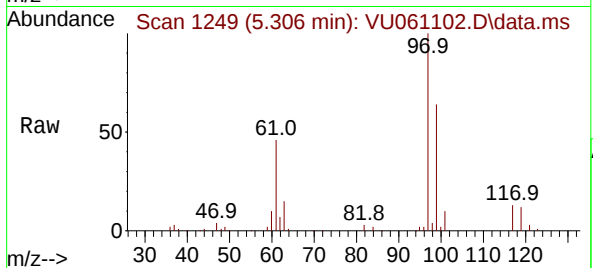




#29
1,1,1-Trichloroethane
Concen: 5.103 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

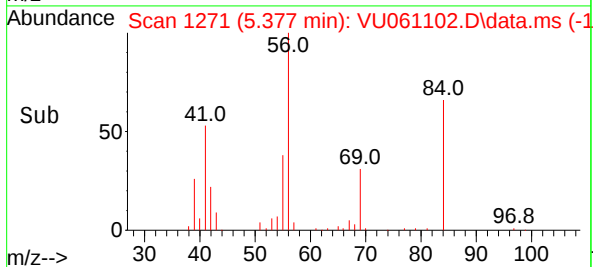
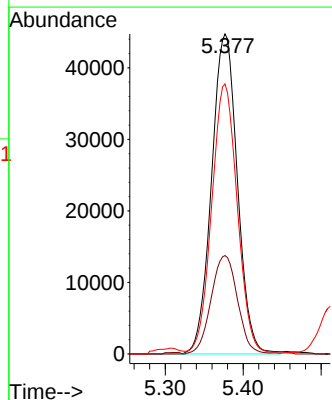
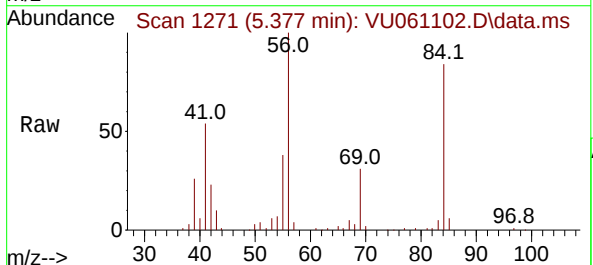
Instrument :
MSVOA_U
ClientSampleId :

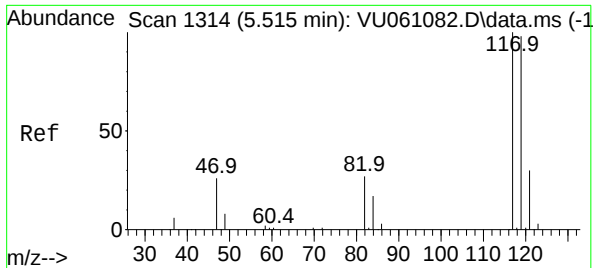
Tgt Ion:	97	Resp:	94695
Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.5	75.7
61	46.7	34.4	51.6



#30
Cyclohexane
Concen: 4.992 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion:	56	Resp:	103198
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.4	38.0
84	82.5	71.0	106.6

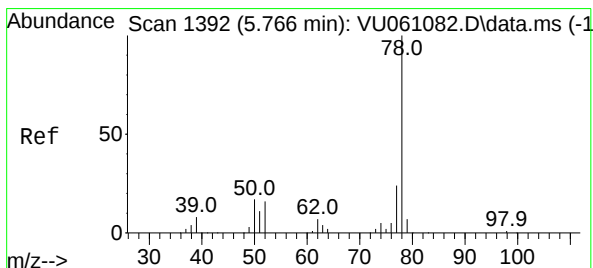
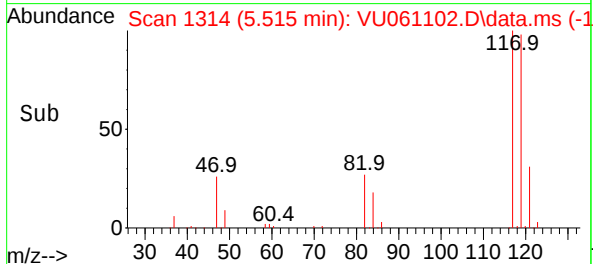
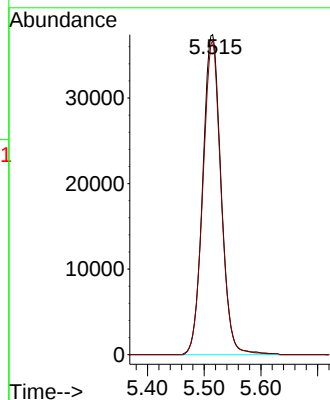
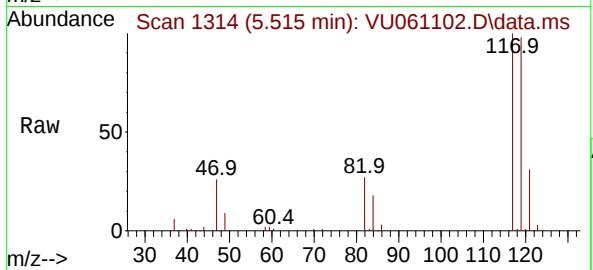




#31
Carbon tetrachloride
Concen: 5.334 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

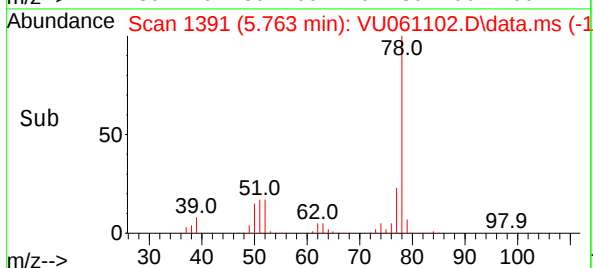
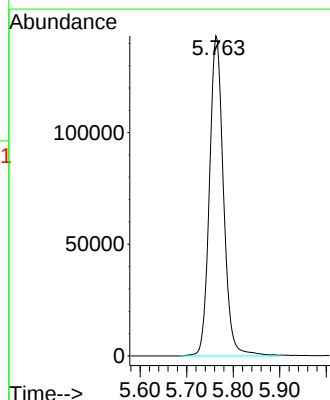
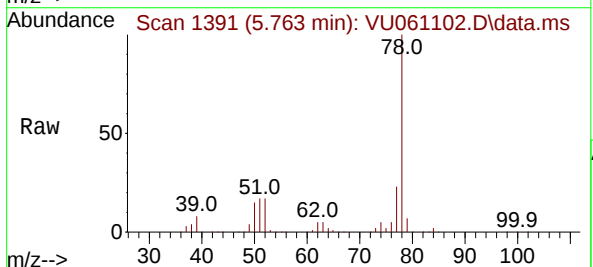
Instrument :
MSVOA_U
ClientSampleId :

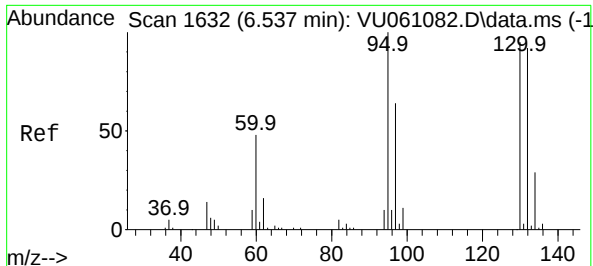
Tgt Ion:117 Resp: 84008
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5



#33
Benzene
Concen: 6.377 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion: 78 Resp: 301457





#34

Trichloroethene

Concen: 5.029 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 64449

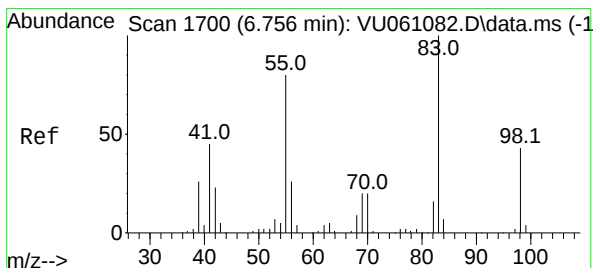
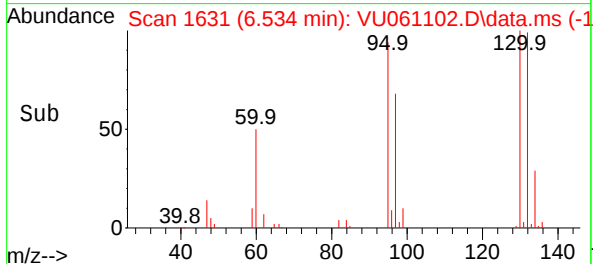
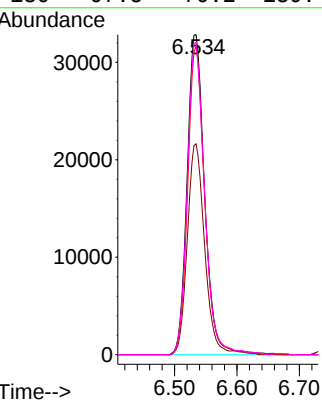
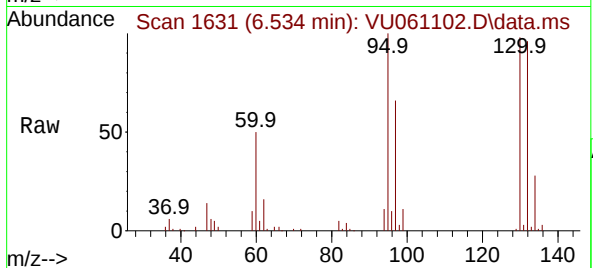
Ion Ratio Lower Upper

95 100

97 65.9 44.9 83.5

132 96.2 63.5 117.9

130 97.5 70.2 130.4



#35

Methylcyclohexane

Concen: 5.095 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

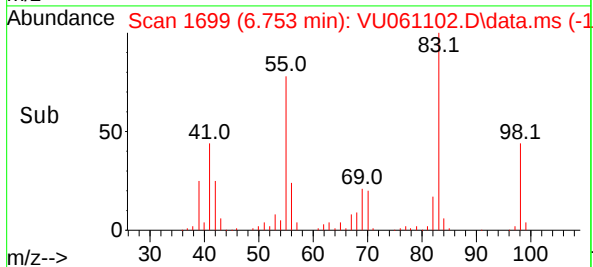
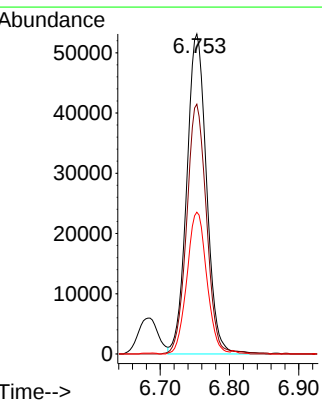
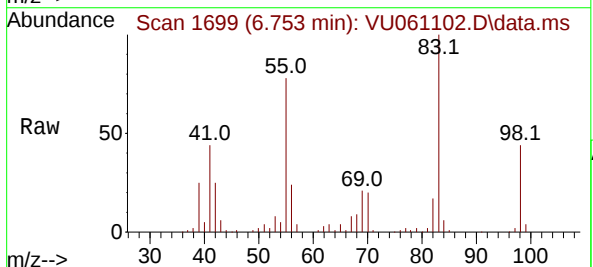
Tgt Ion: 83 Resp: 105448

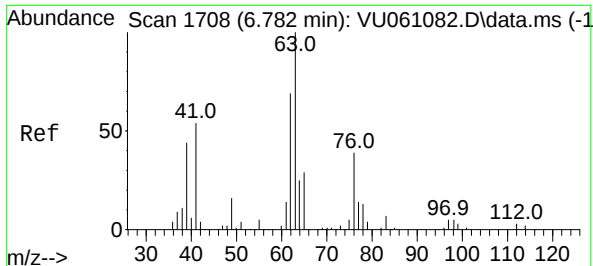
Ion Ratio Lower Upper

83 100

55 78.3 62.6 94.0

98 44.4 37.6 56.4

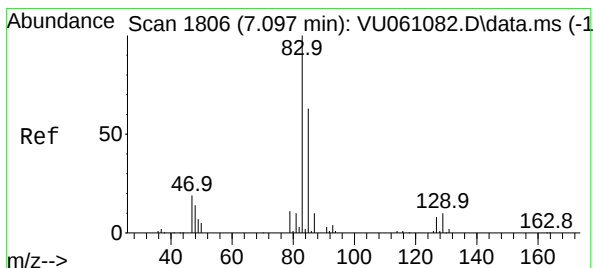
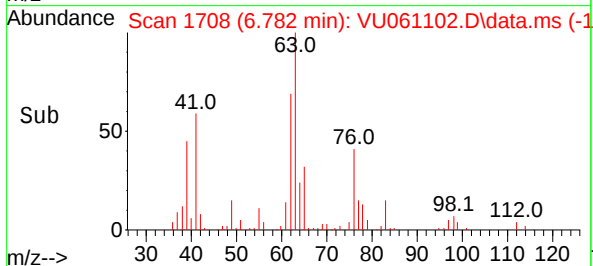
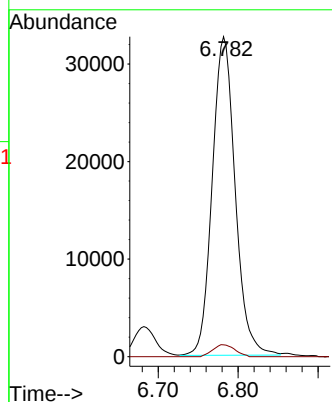
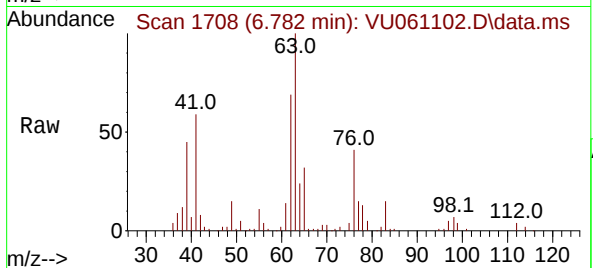




#37
1,2-Dichloropropane
Concen: 5.216 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

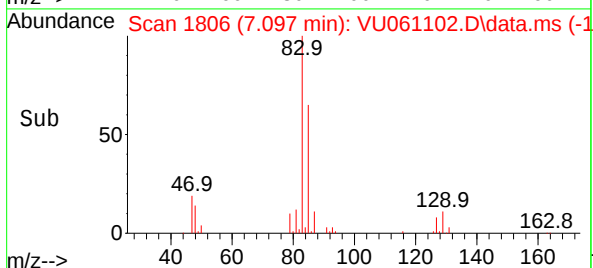
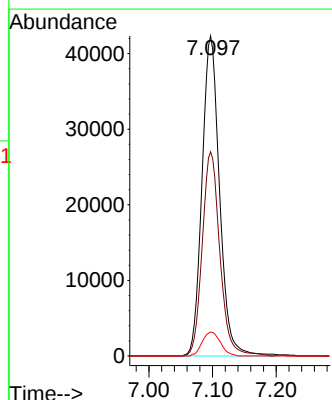
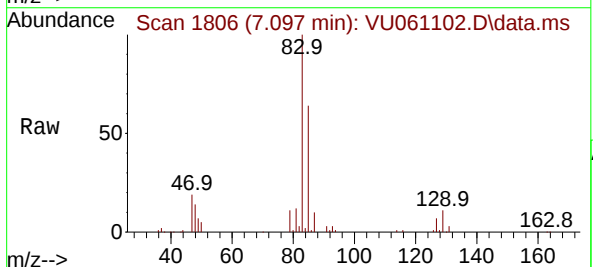
Instrument :
MSVOA_U
ClientSampleId :

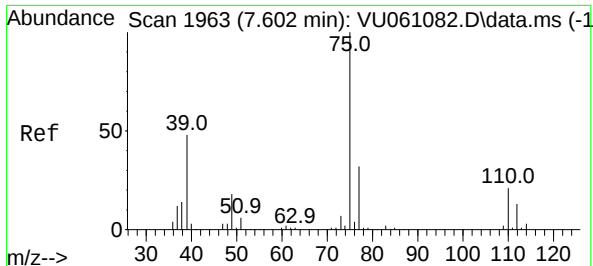
Tgt Ion: 63 Resp: 64983
Ion Ratio Lower Upper
63 100
112 3.6 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.211 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion: 83 Resp: 81156
Ion Ratio Lower Upper
83 100
85 63.8 45.6 84.8
127 7.4 7.0 10.6

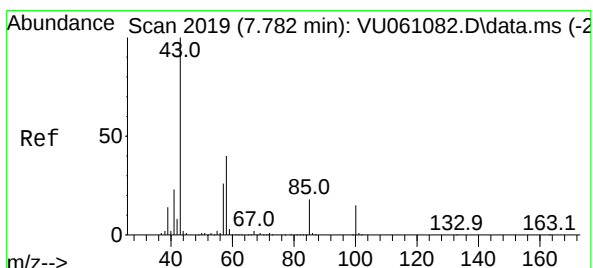
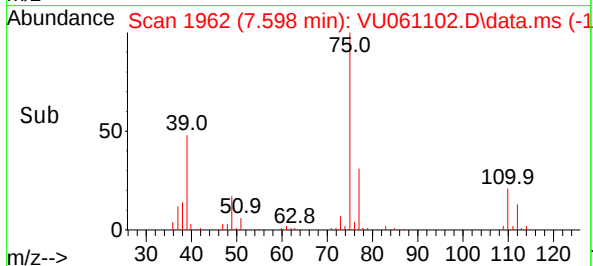
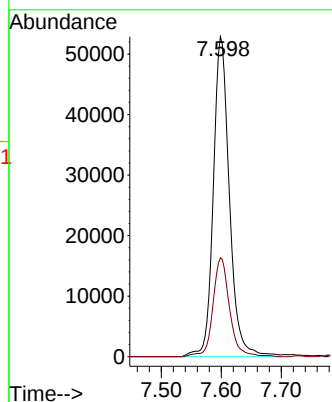
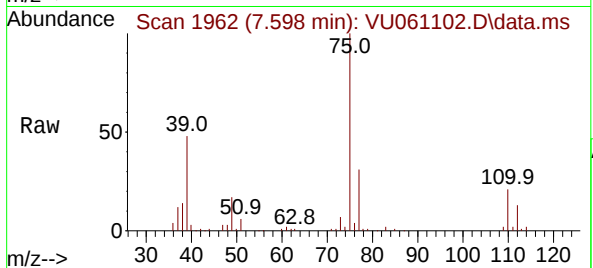




#39
 cis-1,3-Dichloropropene
 Concen: 5.057 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061102.D
 Acq: 10 Oct 2024 20:27

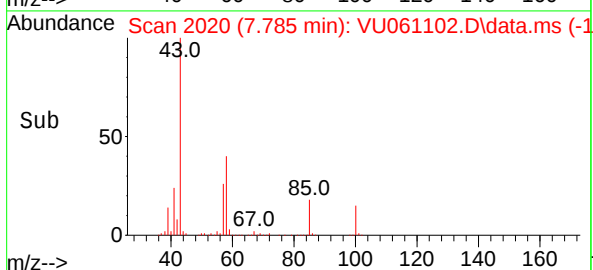
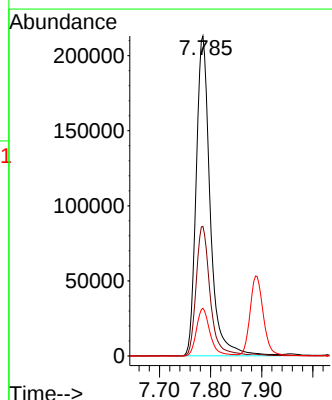
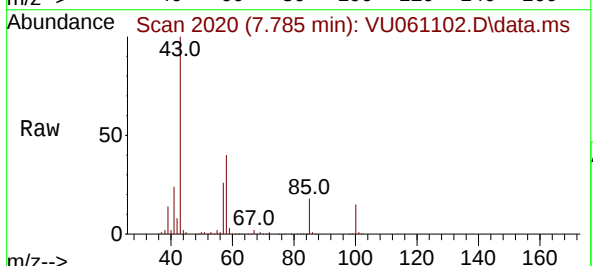
Instrument :
 MSVOA_U
 ClientSampleId :

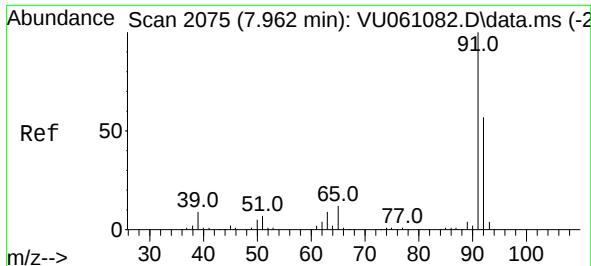
Tgt Ion: 75 Resp: 98793
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 50.969 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU061102.D
 Acq: 10 Oct 2024 20:27

Tgt Ion: 43 Resp: 406722
 Ion Ratio Lower Upper
 43 100
 58 40.5 34.9 52.3
 100 14.5 13.4 20.0





#42

Toluene

Concen: 5.560 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

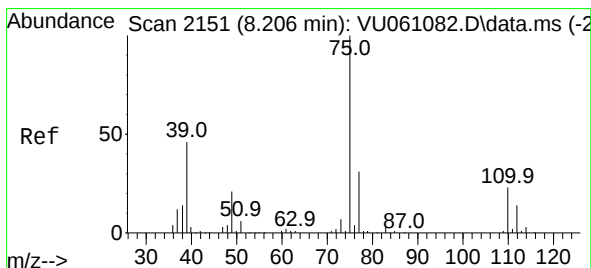
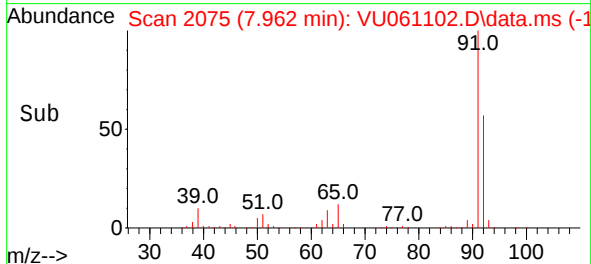
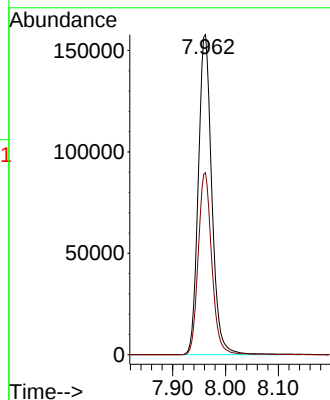
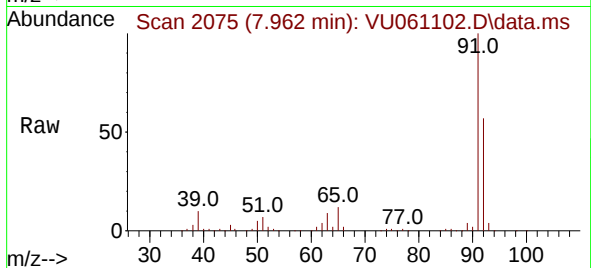
ClientSampleId :

Tgt Ion: 91 Resp: 280005

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.003 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU061102.D

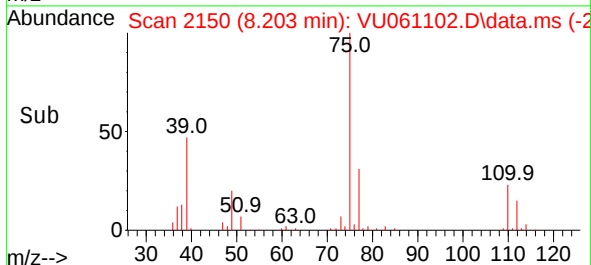
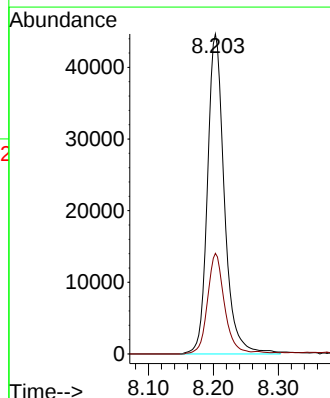
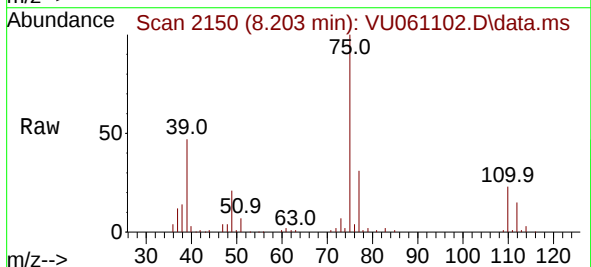
Acq: 10 Oct 2024 20:27

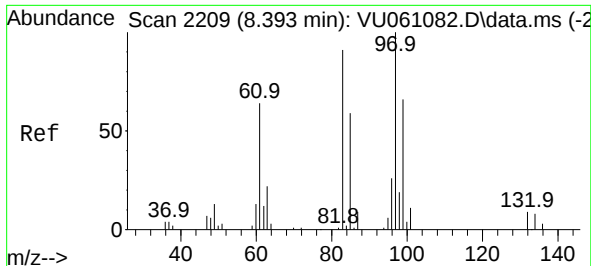
Tgt Ion: 75 Resp: 80820

Ion Ratio Lower Upper

75 100

77 31.5 23.1 42.9

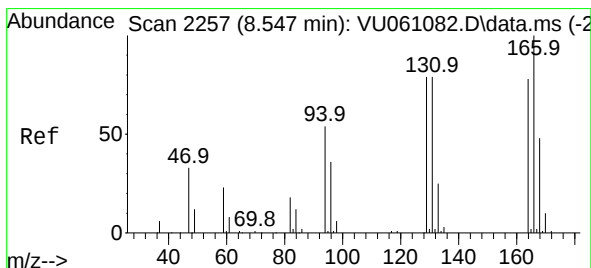
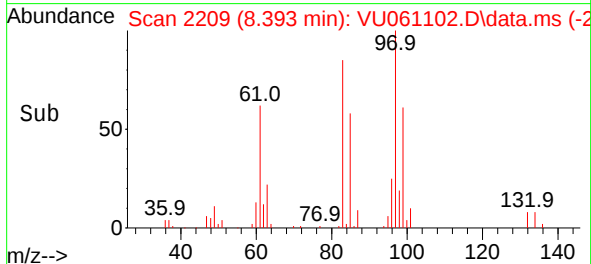
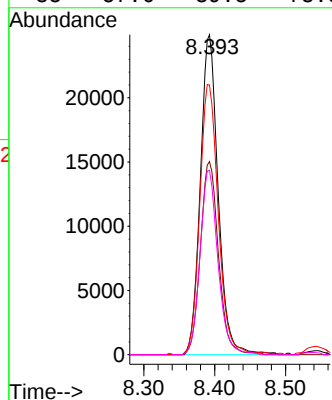
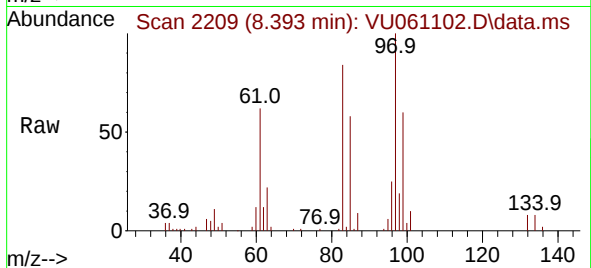




#45
1,1,2-Trichloroethane
Concen: 5.274 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

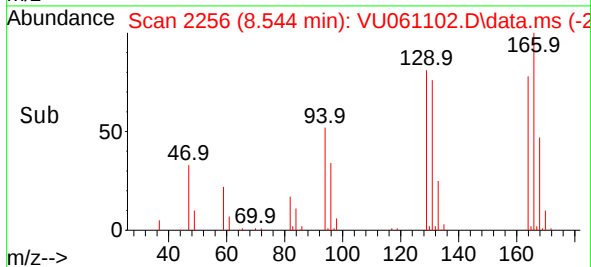
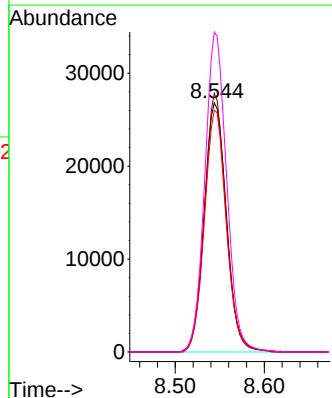
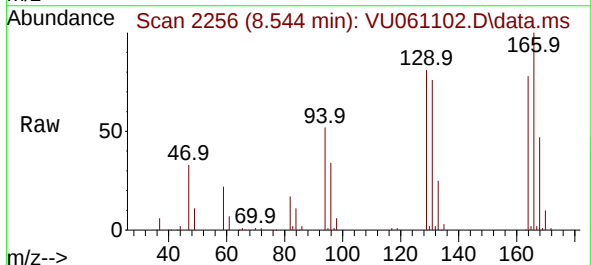
Instrument :
MSVOA_U
ClientSampleId :

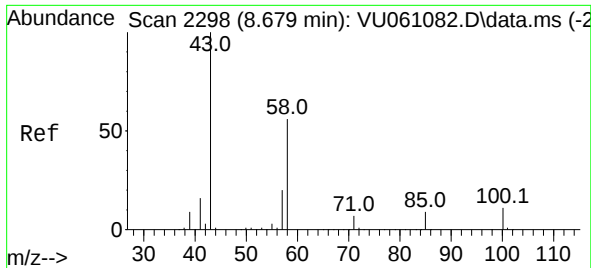
Tgt Ion:	97	Resp:	43550
Ion	Ratio	Lower	Upper
97	100		
99	60.4	42.3	78.5
83	84.3	61.7	114.5
85	57.6	39.5	73.3



#47
Tetrachloroethene
Concen: 5.604 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion:	164	Resp:	46744
Ion	Ratio	Lower	Upper
164	100		
129	103.8	67.3	124.9
131	97.0	65.4	121.4
166	128.5	89.5	166.1

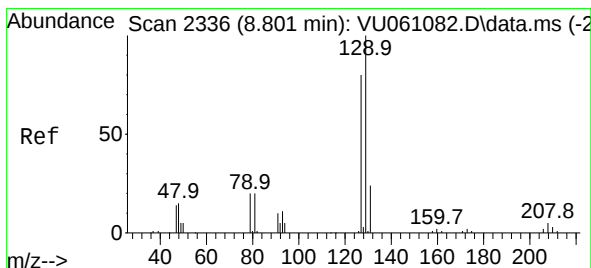
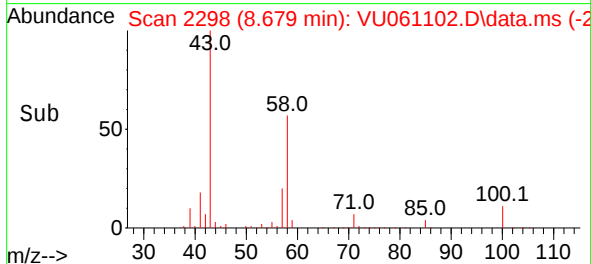
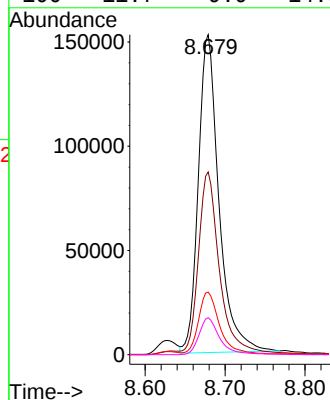
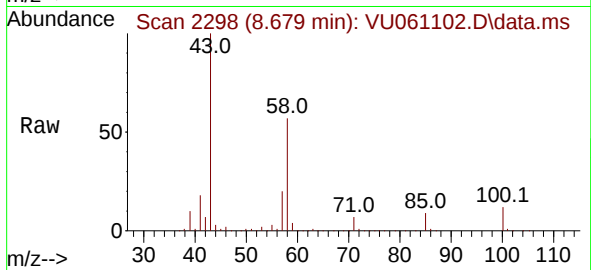




#48
2-Hexanone
Concen: 49.580 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

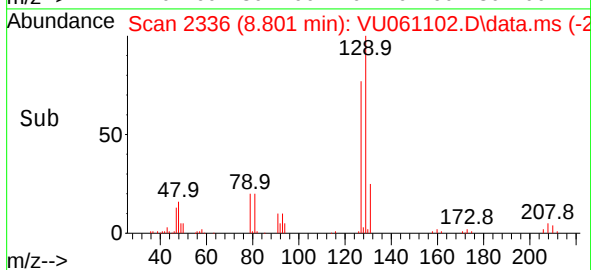
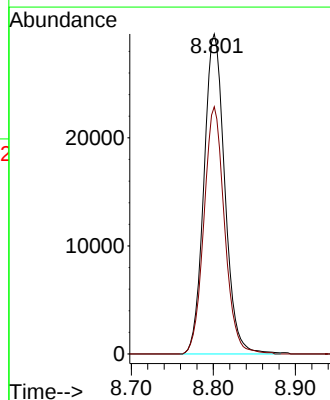
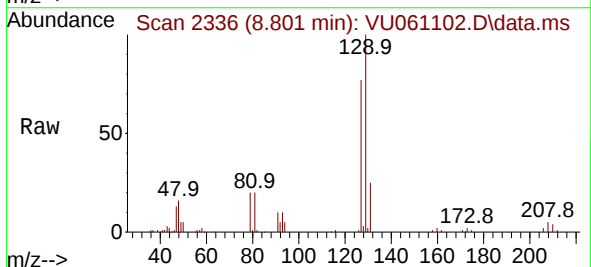
Instrument :
MSVOA_U
ClientSampleId :

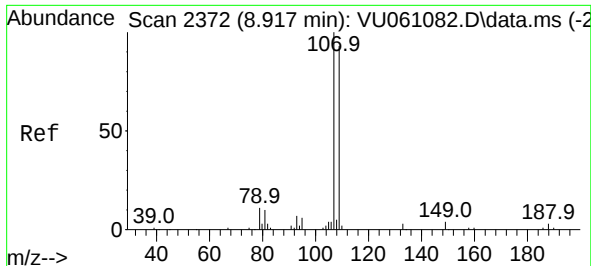
Tgt Ion:	43	Resp:	274298
Ion	Ratio	Lower	Upper
43	100		
58	58.3	48.3	72.5
57	20.5	15.9	23.9
100	11.7	9.9	14.9



#49
Dibromochloromethane
Concen: 5.437 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion:	129	Resp:	52229
Ion	Ratio	Lower	Upper
129	100		
127	77.3	56.1	104.1





#50

1,2-Dibromoethane

Concen: 5.360 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

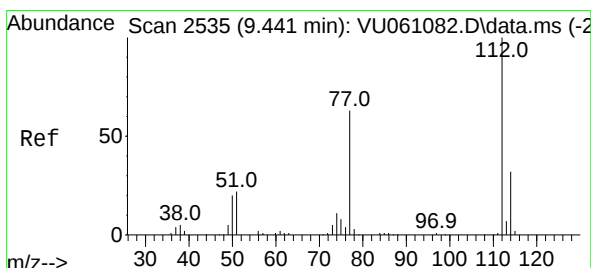
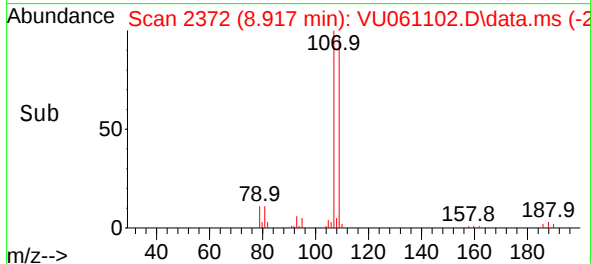
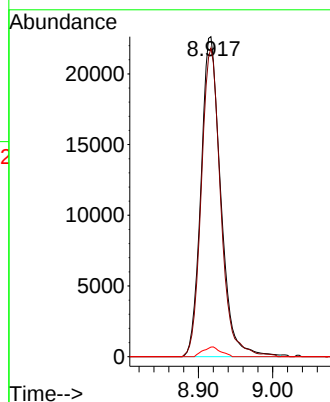
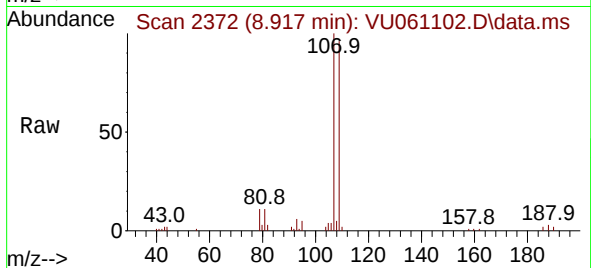
Tgt Ion:107 Resp: 41898

Ion Ratio Lower Upper

107 100

109 96.4 66.8 124.0

188 3.0 3.4 5.0#



#51

Chlorobenzene

Concen: 5.381 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

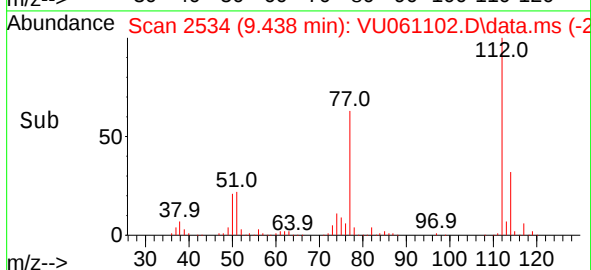
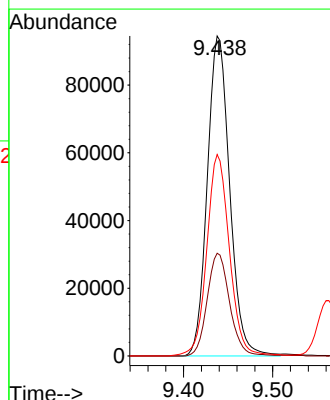
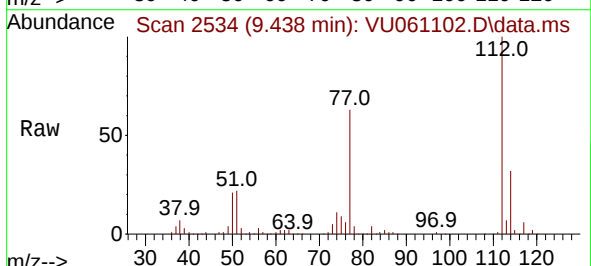
Tgt Ion:112 Resp: 165075

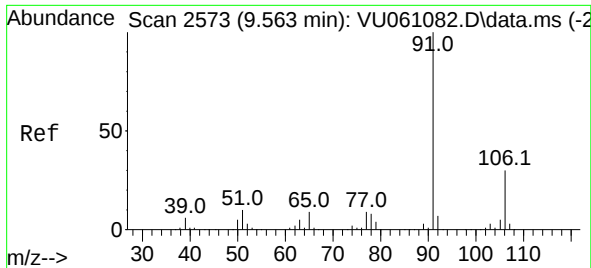
Ion Ratio Lower Upper

112 100

114 32.1 22.2 41.2

77 63.0 46.1 69.1

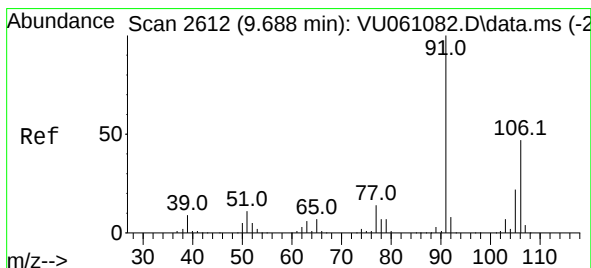
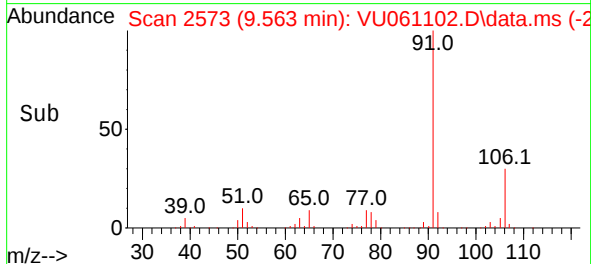
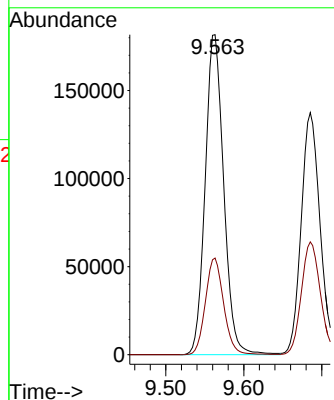
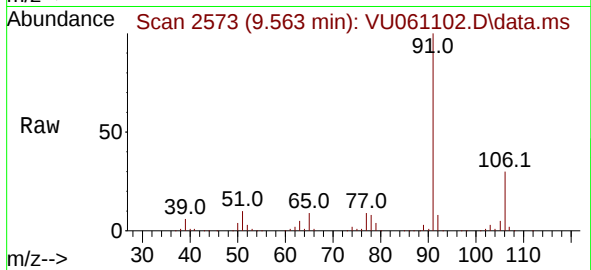




#52
Ethylbenzene
Concen: 5.253 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

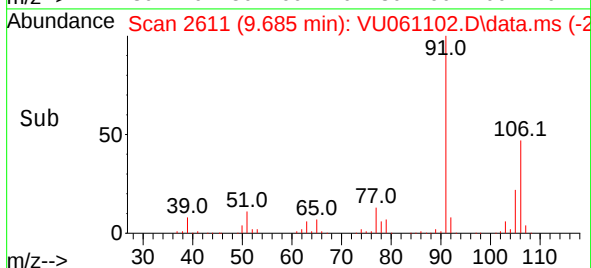
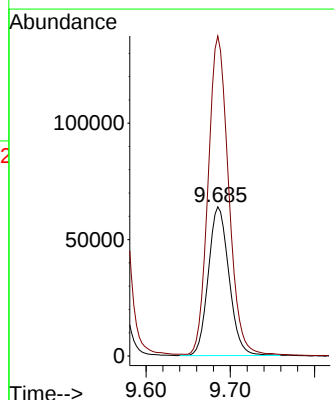
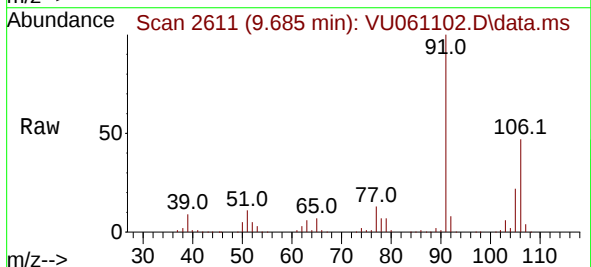
Instrument :
MSVOA_U
ClientSampleId :

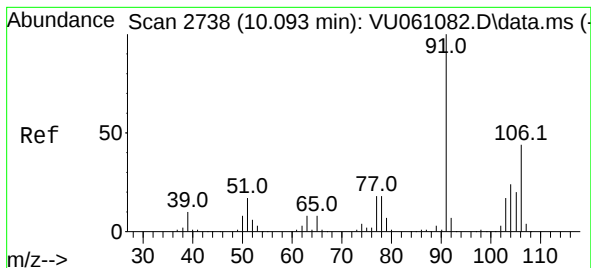
Tgt Ion: 91 Resp: 299829
Ion Ratio Lower Upper
91 100
106 30.2 21.8 40.6



#53
m,p-Xylene
Concen: 5.236 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion:106 Resp: 109002
Ion Ratio Lower Upper
106 100
91 214.6 139.7 259.4





#54

o-Xylene

Concen: 5.406 ug/L

RT: 10.090 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

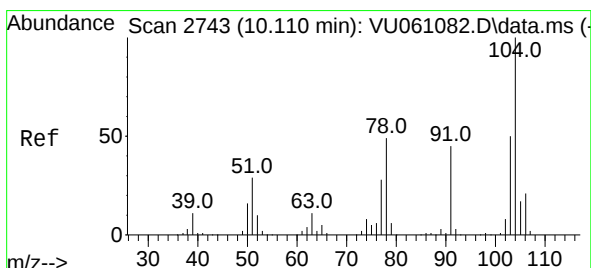
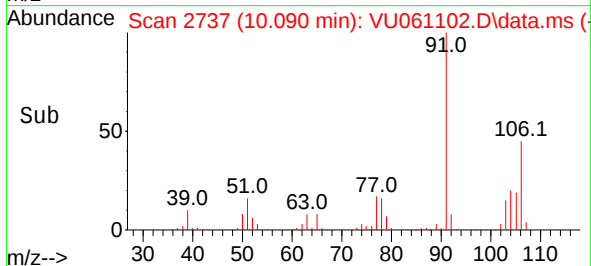
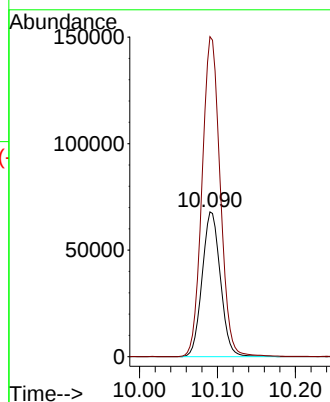
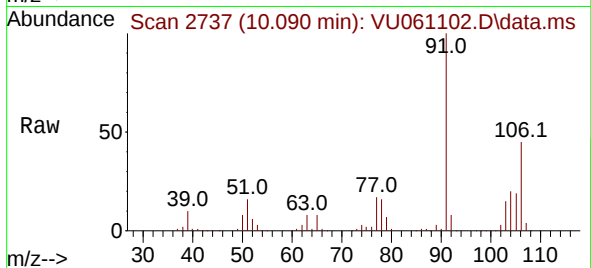
ClientSampleId :

Tgt Ion:106 Resp: 110741

Ion Ratio Lower Upper

106 100

91 221.1 148.6 276.0



#55

Styrene

Concen: 5.099 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU061102.D

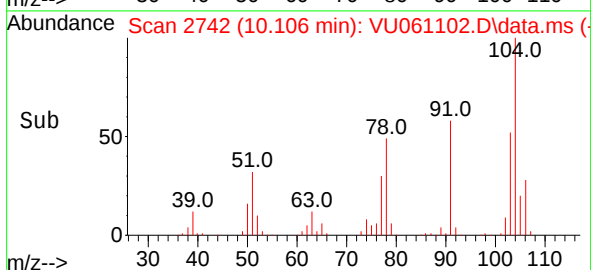
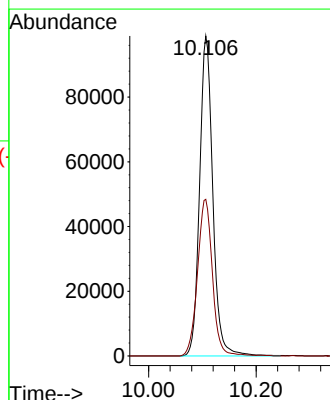
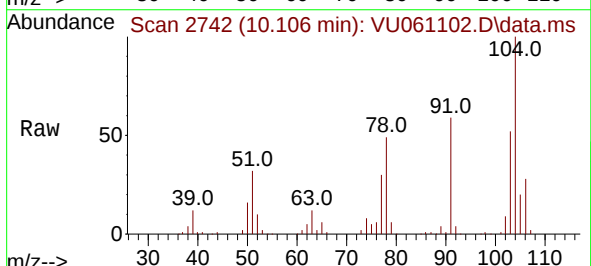
Acq: 10 Oct 2024 20:27

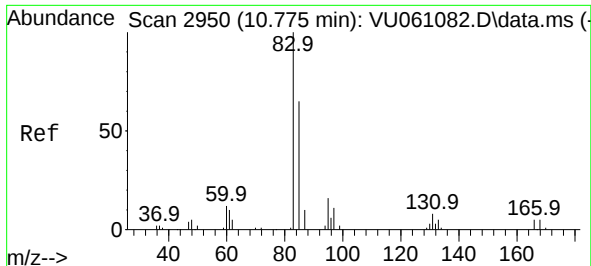
Tgt Ion:104 Resp: 168554

Ion Ratio Lower Upper

104 100

78 49.0 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.363 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

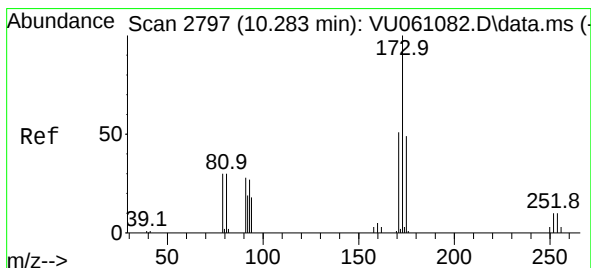
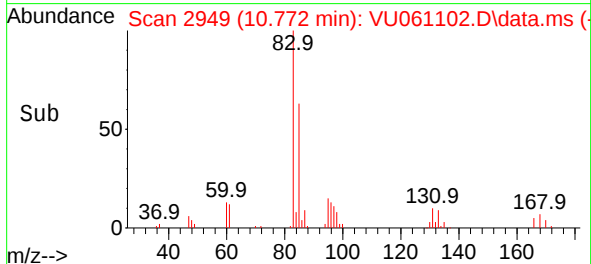
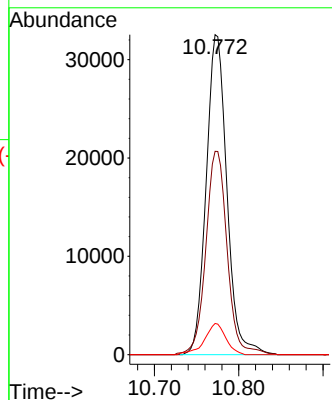
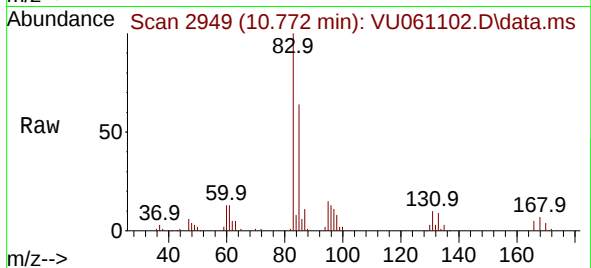
Tgt Ion: 83 Resp: 55643

Ion Ratio Lower Upper

83 100

85 63.5 42.9 79.7

131 9.7 8.4 12.6



#59

Bromoform

Concen: 5.269 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

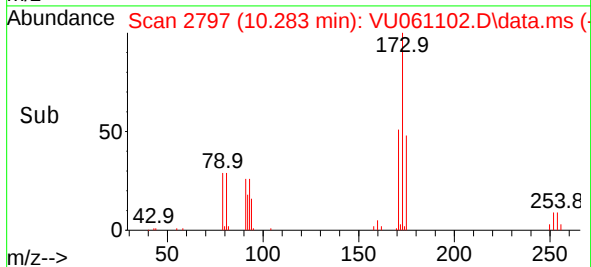
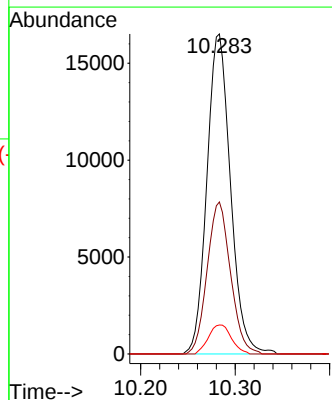
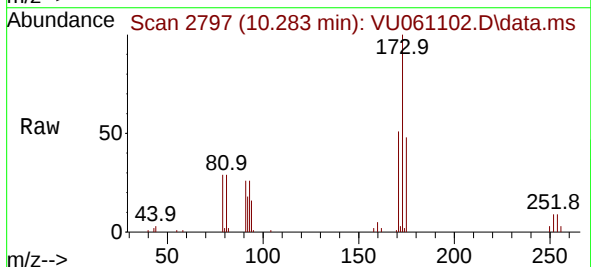
Tgt Ion:173 Resp: 28589

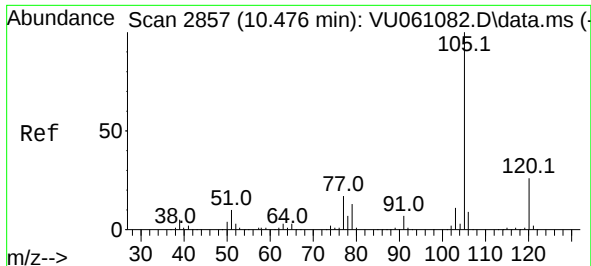
Ion Ratio Lower Upper

173 100

175 47.0 39.1 58.7

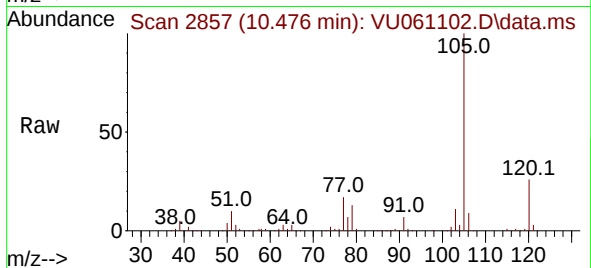
254 8.9 8.7 13.1



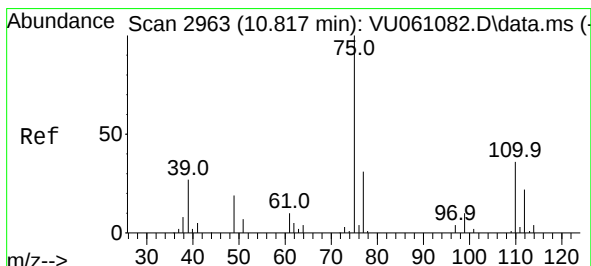
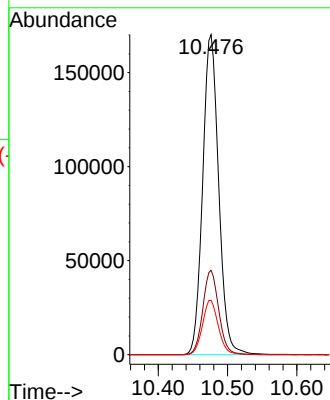
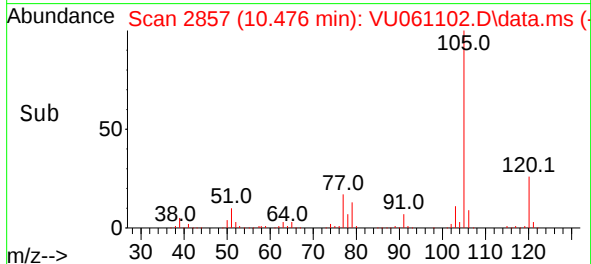


#60
Isopropylbenzene
Concen: 5.169 ug/L
RT: 10.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

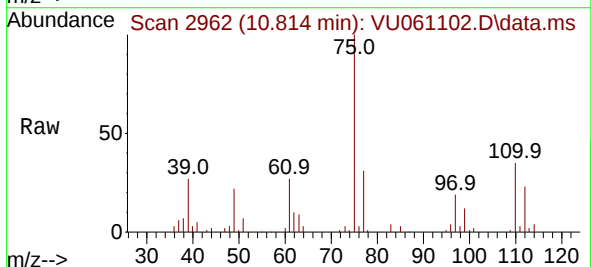
Instrument :
MSVOA_U
ClientSampleId :



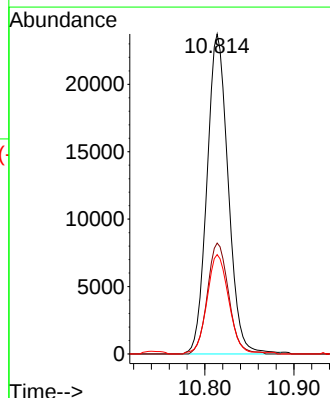
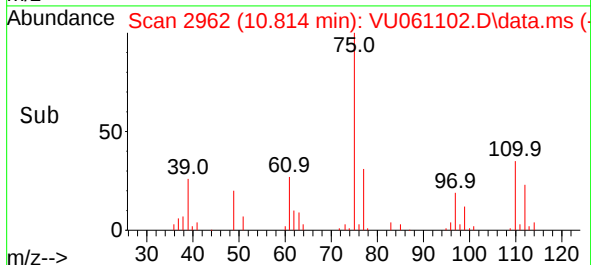
Tgt Ion:105 Resp: 273260
Ion Ratio Lower Upper
105 100
120 26.2 21.5 32.3
77 16.9 12.6 18.8

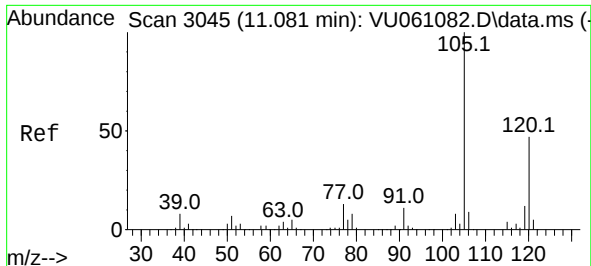


#61
1,2,3-Trichloropropane
Concen: 5.056 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27



Tgt Ion: 75 Resp: 39261
Ion Ratio Lower Upper
75 100
110 34.7 28.6 43.0
77 32.0 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.037 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

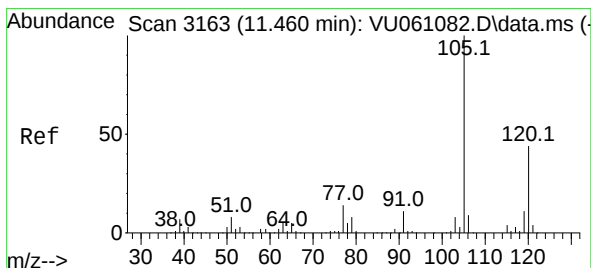
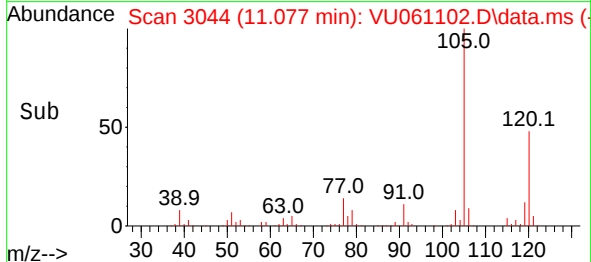
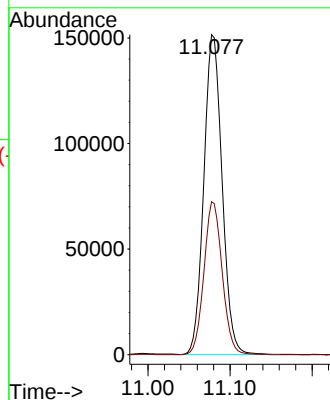
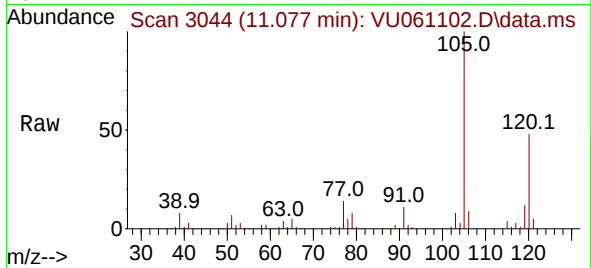
ClientSampleId :

Tgt Ion:105 Resp: 234696

Ion Ratio Lower Upper

105 100

120 47.8 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.096 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061102.D

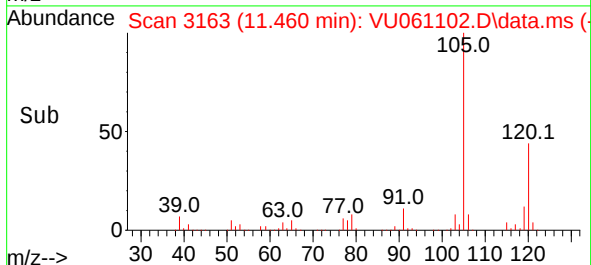
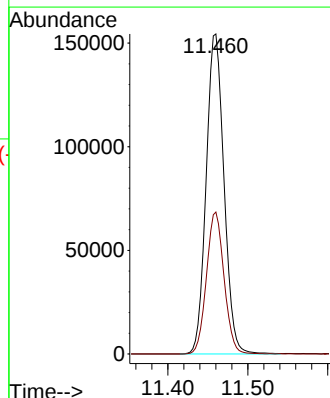
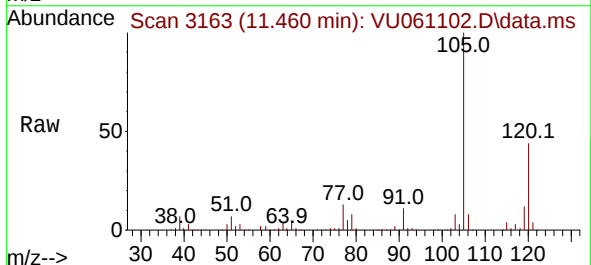
Acq: 10 Oct 2024 20:27

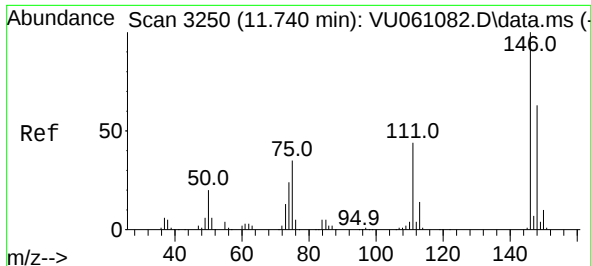
Tgt Ion:105 Resp: 239645

Ion Ratio Lower Upper

105 100

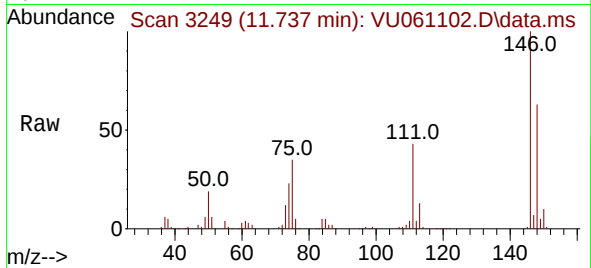
120 43.7 36.1 54.1



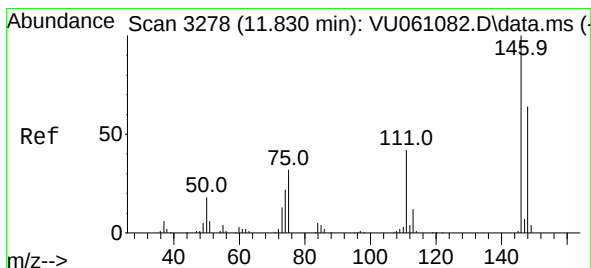
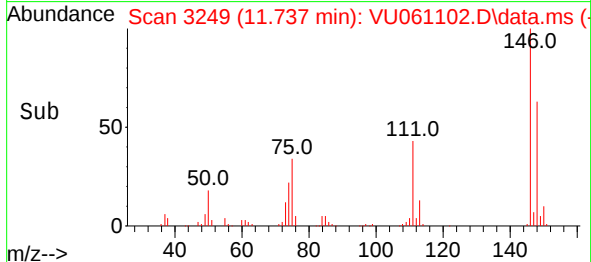
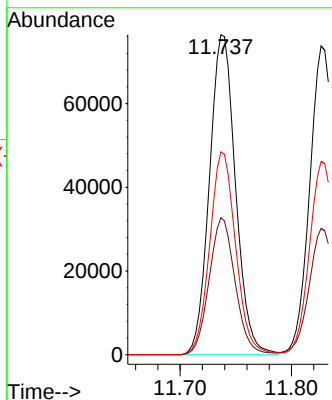


#64
1,3-Dichlorobenzene
Concen: 5.485 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :

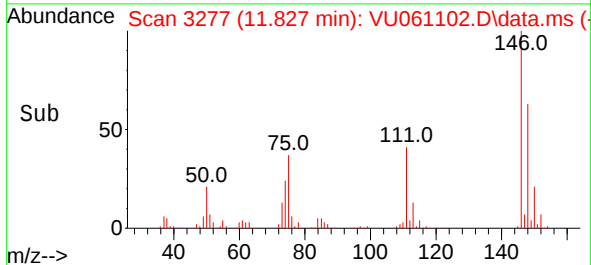
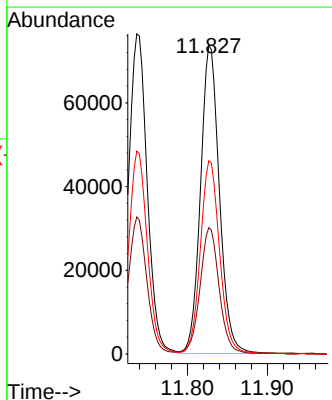
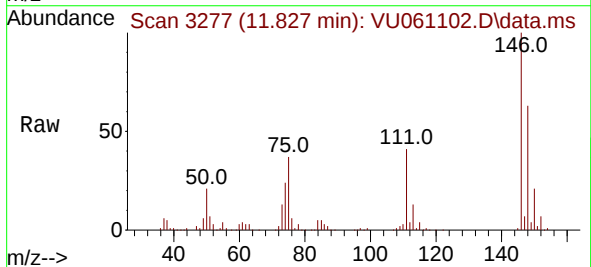


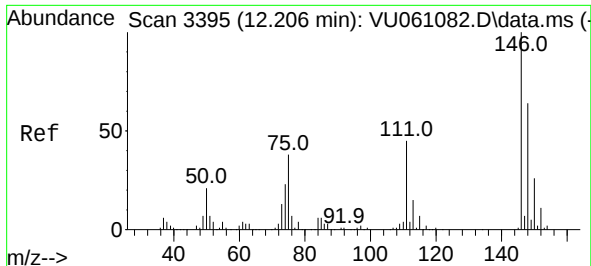
Tgt Ion:146 Resp: 124307
Ion Ratio Lower Upper
146 100
111 42.8 27.5 51.1
148 63.4 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.409 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion:146 Resp: 121162
Ion Ratio Lower Upper
146 100
111 40.9 26.3 48.9
148 62.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.519 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

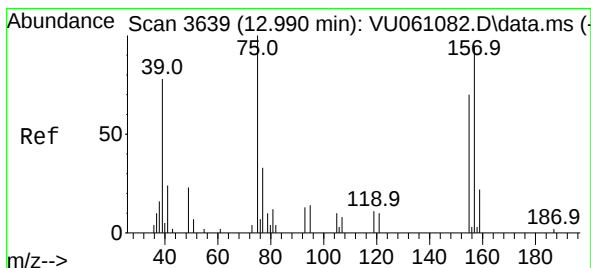
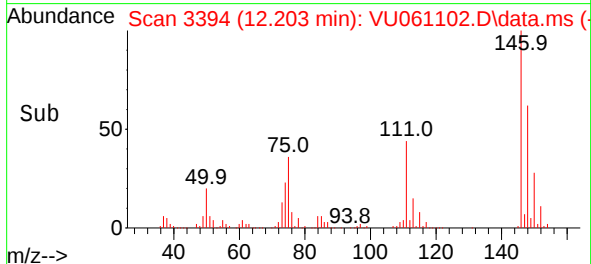
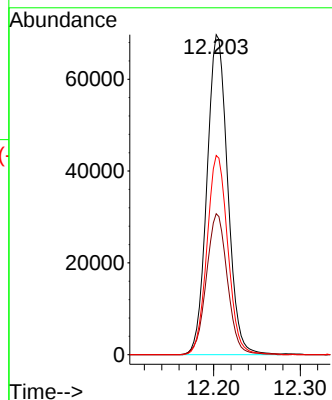
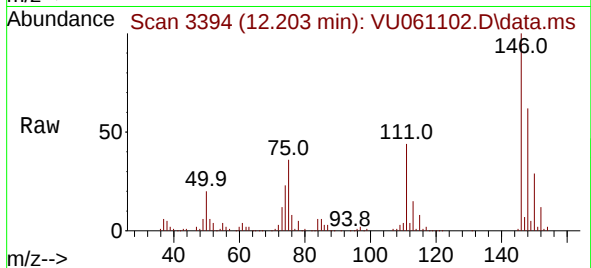
Tgt Ion:146 Resp: 115593

Ion Ratio Lower Upper

146 100

111 44.1 33.4 50.0

148 62.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.054 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

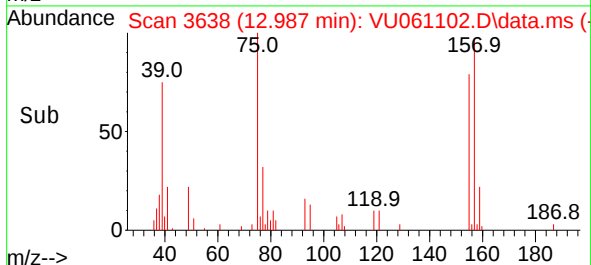
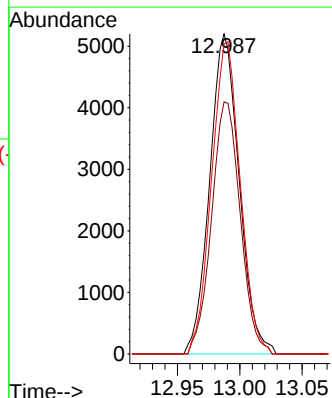
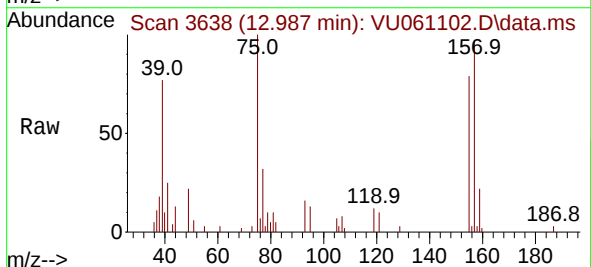
Tgt Ion: 75 Resp: 8559

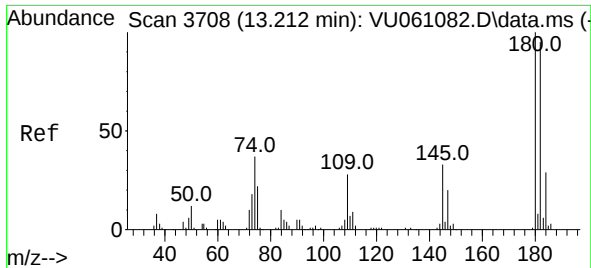
Ion Ratio Lower Upper

75 100

155 78.8 73.1 109.7

157 96.8 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 5.680 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

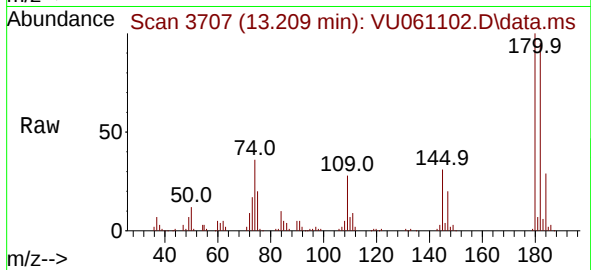
Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 90626

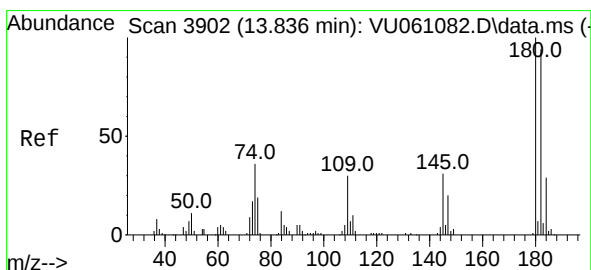
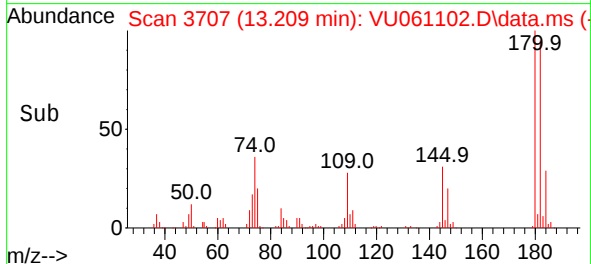
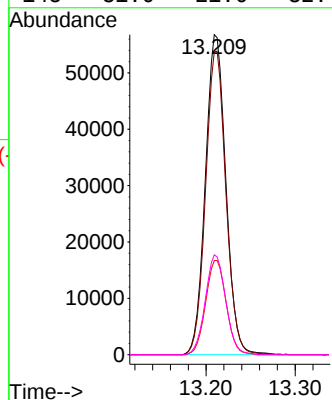
Ion Ratio Lower Upper

180 100

182 94.1 74.5 111.7

184 29.4 23.2 34.8

145 31.0 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 6.322 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU061102.D

Acq: 10 Oct 2024 20:27

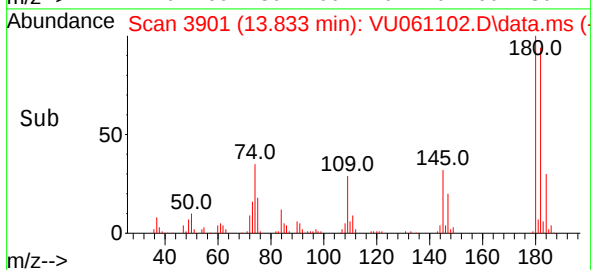
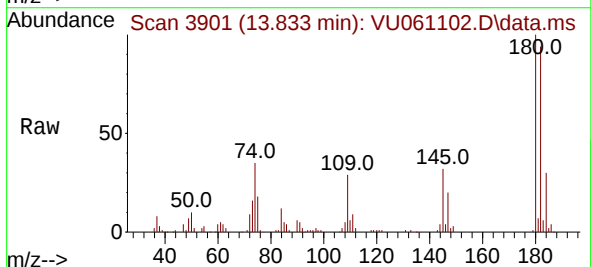
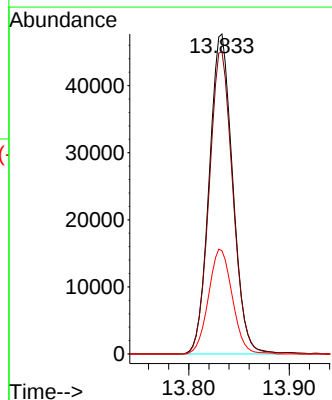
Tgt Ion:180 Resp: 77301

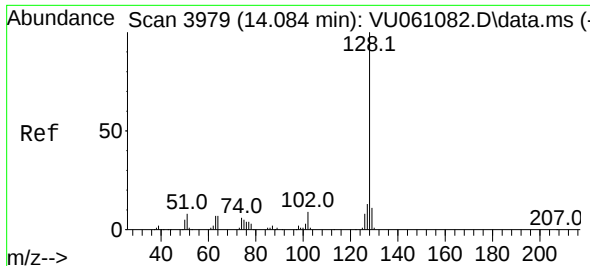
Ion Ratio Lower Upper

180 100

182 95.4 77.4 116.2

145 33.2 22.9 34.3

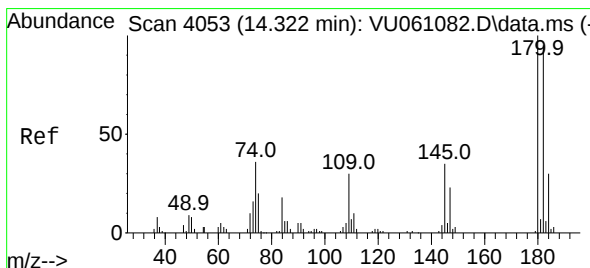
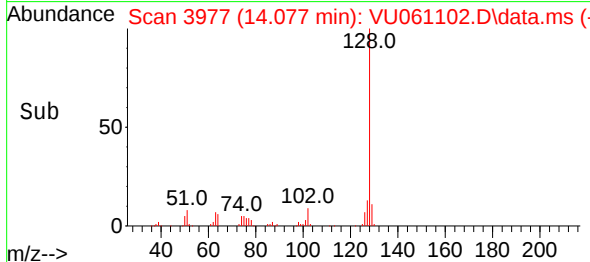
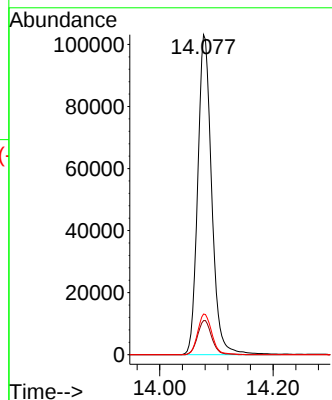
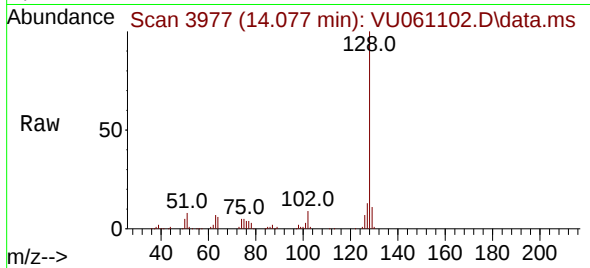




#71
Naphthalene
Concen: 8.818 ug/L
RT: 14.077 min Scan# 3979
Delta R.T. -0.006 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 176143
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 12.9 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 6.479 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061102.D
Acq: 10 Oct 2024 20:27

Tgt Ion:180 Resp: 65923
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 33.8 23.5 35.3

