

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061104.D
 Acq On : 10 Oct 2024 21:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 06:54:10 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	6.238	114	163464	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	151685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40103	3.432	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.907	69	35410	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.560	65	17977	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.621	46	133305	47.619	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.240%
24) Chloroform-d	5.052	84	93677	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.692	65	48077	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.717	84	170281	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	57600	4.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.888	98	151370	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.174	79	23610	4.204	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.624	63	114421	49.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45903	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	53621	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	36749	4.612	ug/L	99
3) Chloromethane	1.518	50	53056	4.611	ug/L	98
5) Vinyl chloride	1.602	62	57363	4.966	ug/L	96
6) Bromomethane	1.853	94	24659	4.002	ug/L	96
8) Chloroethane	1.930	64	37675	5.377	ug/L	98
9) Trichlorofluoromethane	2.132	101	76591	5.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48223	4.919	ug/L	96
12) 1,1-Dichloroethene	2.573	96	48969	5.188	ug/L	93
13) Acetone	2.637	43	90525	50.281	ug/L	96
14) Carbon disulfide	2.788	76	159075	4.959	ug/L	100
15) Methyl Acetate	2.949	43	22042	5.028	ug/L	99
16) Methylene chloride	3.039	84	58854	5.431	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	147470	5.460	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	53091	5.131	ug/L	92
19) 1,1-Dichloroethane	3.859	63	108025	5.365	ug/L	97
21) 2-Butanone	4.701	43	151992	51.282	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	61838	5.366	ug/L	94
23) Bromochloromethane	4.965	128	26041	5.614	ug/L #	92
25) Chloroform	5.078	83	110128	5.460	ug/L	96

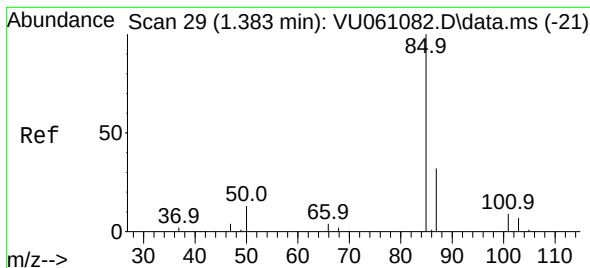
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69365	5.221	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	89945	5.124	ug/L	97
30) Cyclohexane	5.380	56	88982	4.551	ug/L	96
31) Carbon tetrachloride	5.515	117	76383	5.128	ug/L	99
33) Benzene	5.766	78	240357	5.375	ug/L	100
34) Trichloroethene	6.534	95	61394	5.065	ug/L	98
35) Methylcyclohexane	6.753	83	91394	4.669	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63963	5.428	ug/L #	97
38) Bromodichloromethane	7.097	83	80476	5.463	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	96024	5.197	ug/L	97
40) 4-Methyl-2-pentanone	7.778	43	400575	53.072	ug/L	96
42) Toluene	7.962	91	250559	5.260	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	80873	5.293	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	42358	5.424	ug/L	96
47) Tetrachloroethene	8.544	164	42545	5.393	ug/L	98
48) 2-Hexanone	8.675	43	286802	54.808	ug/L	94
49) Dibromochloromethane	8.801	129	51248	5.640	ug/L	98
50) 1,2-Dibromoethane	8.917	107	41599	5.627	ug/L	98
51) Chlorobenzene	9.438	112	155474	5.358	ug/L	95
52) Ethylbenzene	9.563	91	276883	5.129	ug/L	98
53) m,p-Xylene	9.685	106	99566	5.056	ug/L	89
54) o-Xylene	10.090	106	99818	5.152	ug/L	93
55) Styrene	10.106	104	163739	5.236	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.772	83	54878	5.592	ug/L	97
59) Bromoform	10.283	173	27896	5.491	ug/L #	99
60) Isopropylbenzene	10.476	105	245532	4.960	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	37964	5.221	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	216943	4.973	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	217925	4.949	ug/L	98
64) 1,3-Dichlorobenzene	11.736	146	114069	5.376	ug/L	97
65) 1,4-Dichlorobenzene	11.826	146	112096	5.344	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	106005	5.405	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8303	5.236	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	82023	5.490	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	68628	5.994	ug/L	97
71) Naphthalene	14.080	128	138634	7.412	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	57667	6.052	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 4.612 ug/L

RT: 1.383 min Scan# 29

Delta R.T. -0.000 min

Lab File: VU061104.D

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Instrument :

MSVOA_U

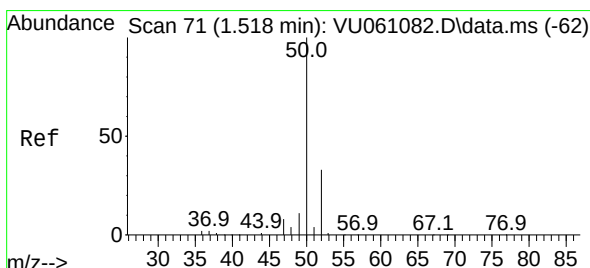
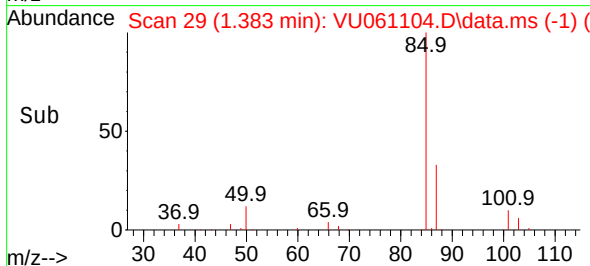
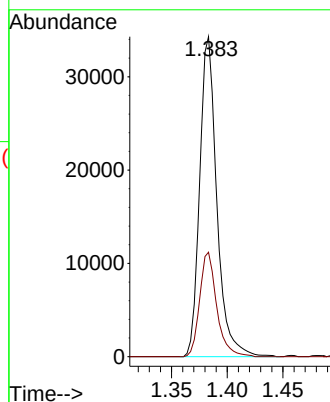
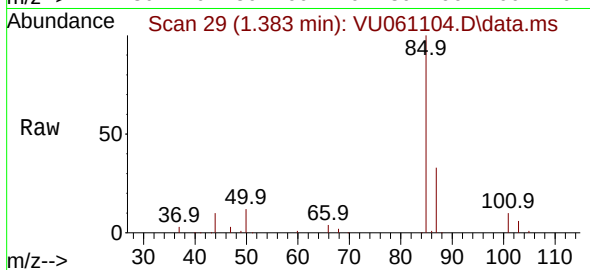
ClientSampleId :

Tgt Ion: 85 Resp: 36749

Ion Ratio Lower Upper

85 100

87 32.4 26.2 39.2



#3

Chloromethane

Concen: 4.611 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU061104.D

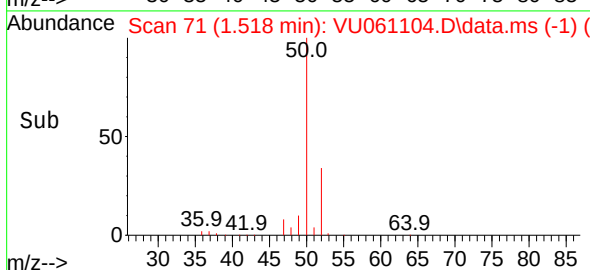
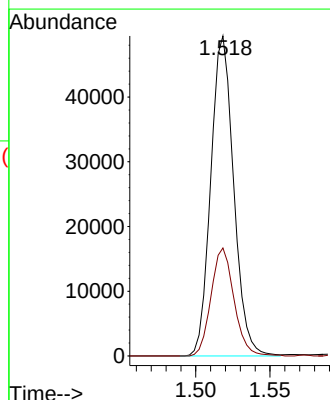
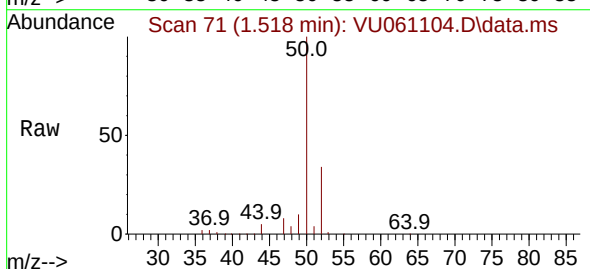
Acq: 10 Oct 2024 21:11

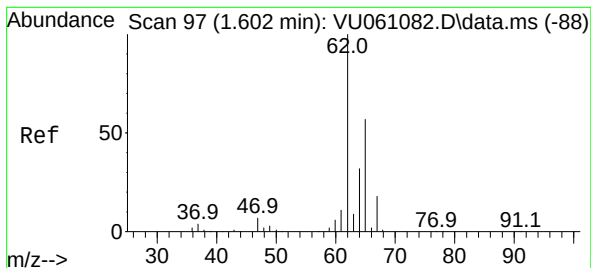
Tgt Ion: 50 Resp: 53056

Ion Ratio Lower Upper

50 100

52 33.8 24.4 45.4





#5

Vinyl chloride

Concen: 4.966 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

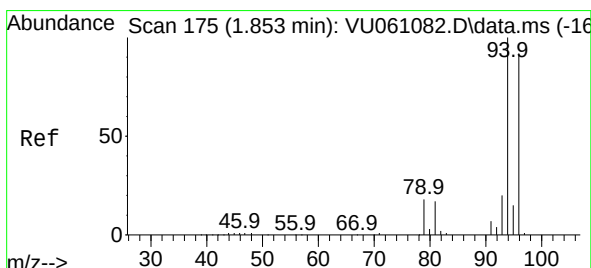
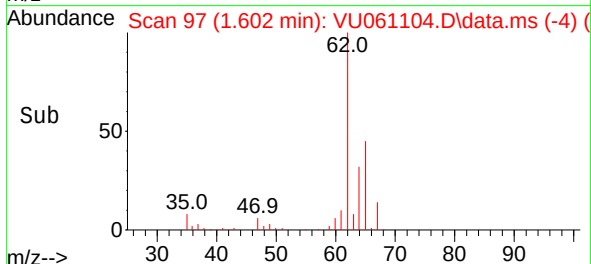
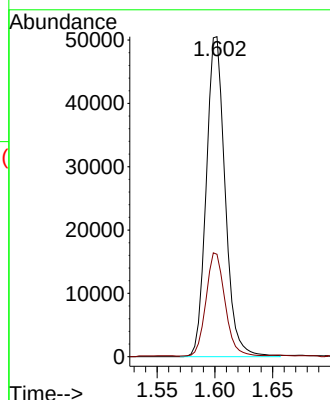
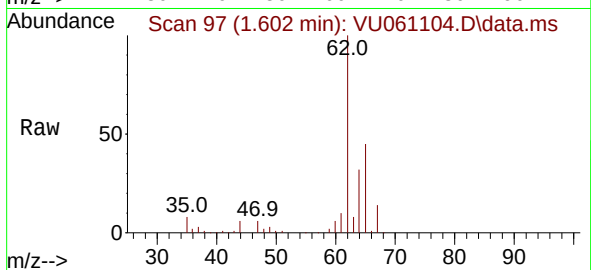
ClientSampleId :

Tgt Ion: 62 Resp: 57363

Ion Ratio Lower Upper

62 100

64 32.0 24.0 44.6



#6

Bromomethane

Concen: 4.002 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU061104.D

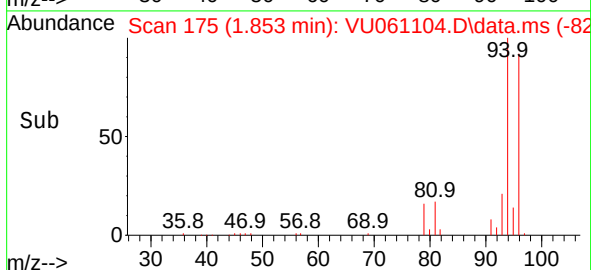
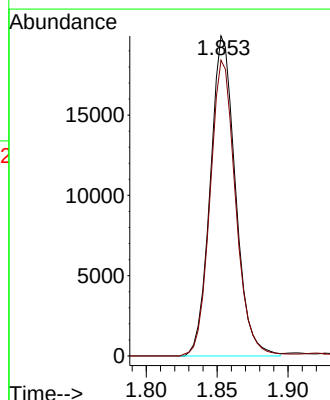
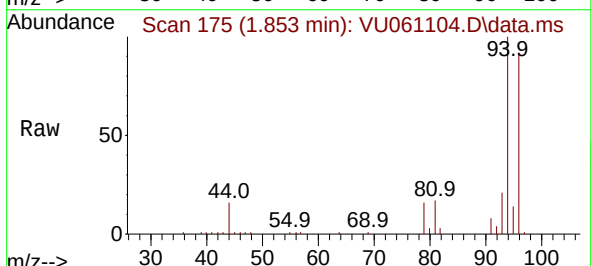
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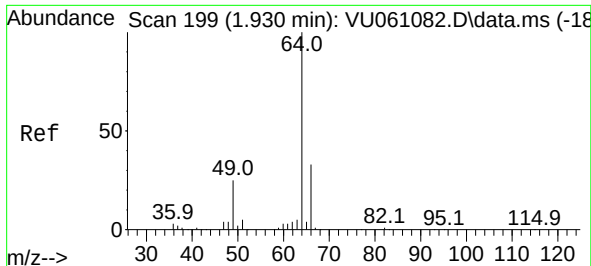
Tgt Ion: 94 Resp: 24659

Ion Ratio Lower Upper

94 100

96 92.4 67.3 124.9

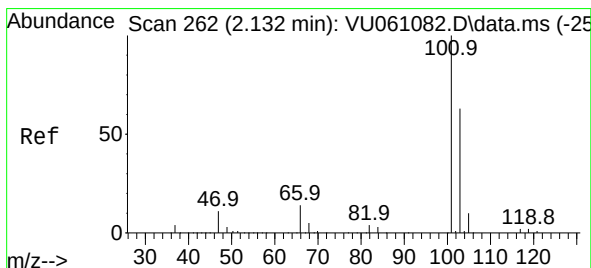
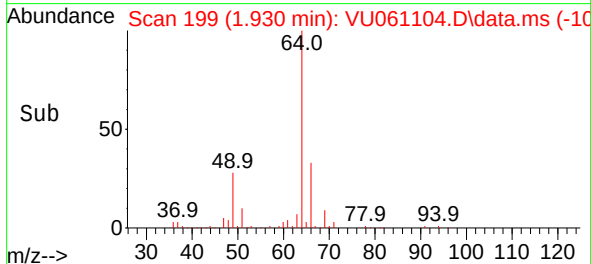
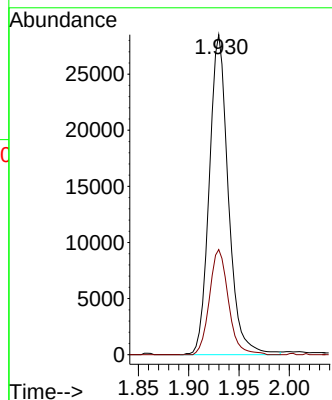
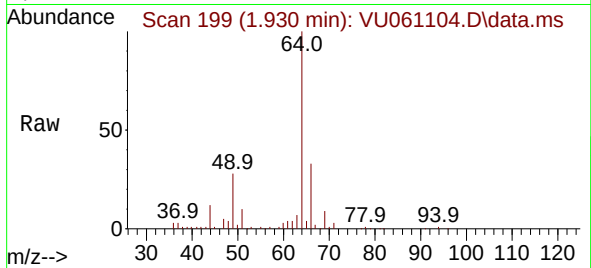




#8
Chloroethane
Concen: 5.377 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

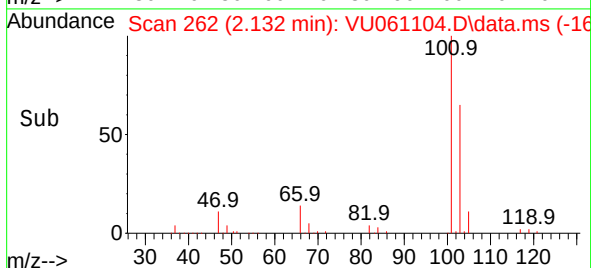
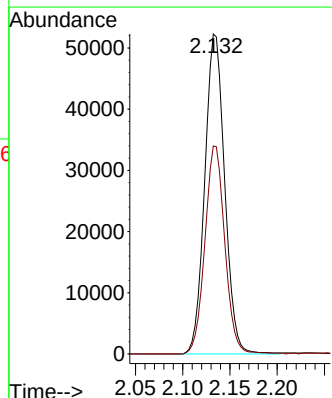
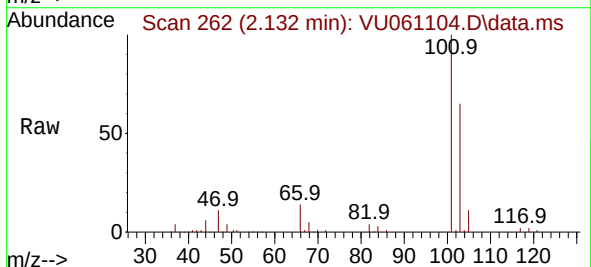
Instrument :
MSVOA_U
ClientSampleId :

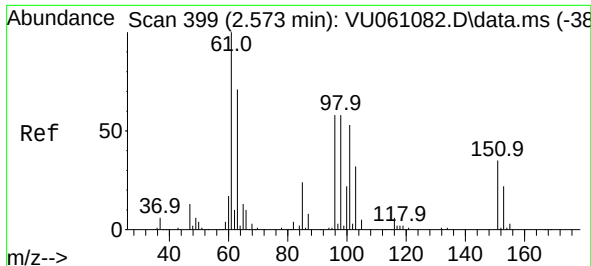
Tgt Ion: 64 Resp: 37675
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.160 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion:101 Resp: 76591
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

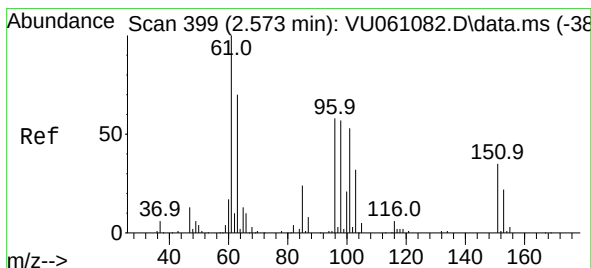
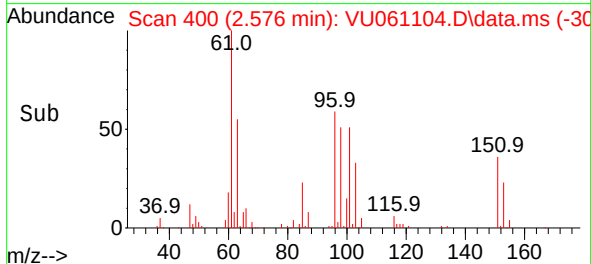
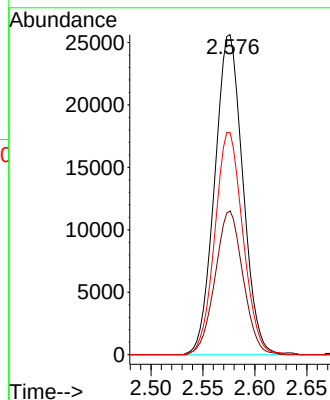
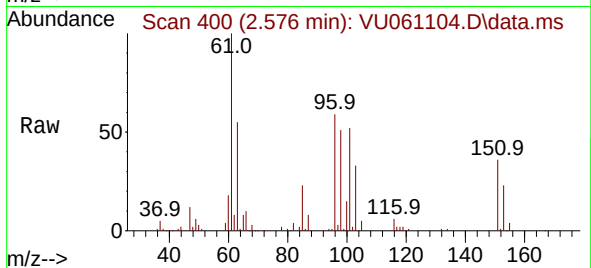




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.919 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

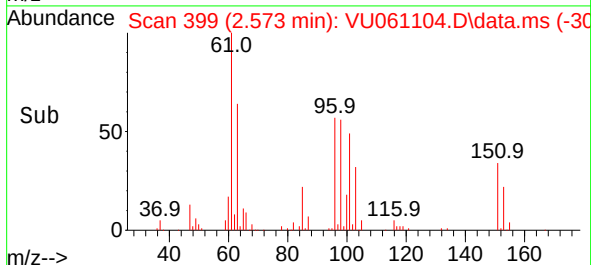
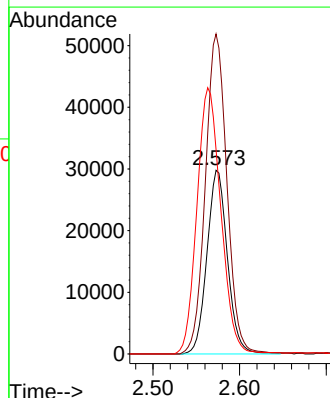
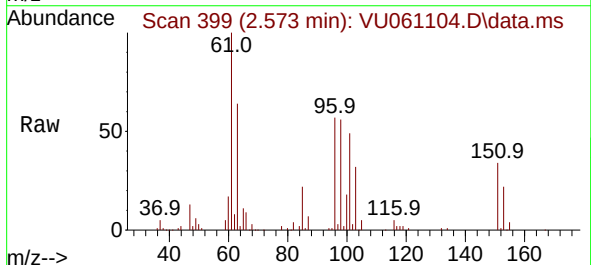
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MSVOA_U
ClientSampleId :

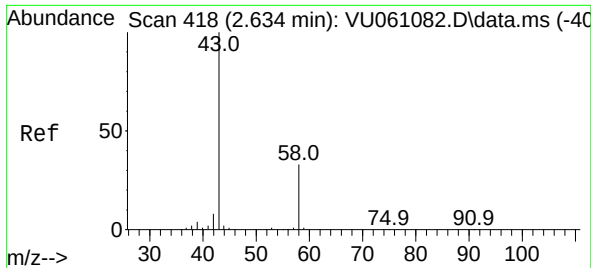
Tgt Ion:101 Resp: 48223
Ion Ratio Lower Upper
101 100
85 44.6 34.2 51.4
151 69.5 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.188 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 96 Resp: 48969
Ion Ratio Lower Upper
96 100
61 174.2 120.7 224.1
63 111.3 90.0 167.2





#13

Acetone

Concen: 50.281 ug/L

RT: 2.637 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

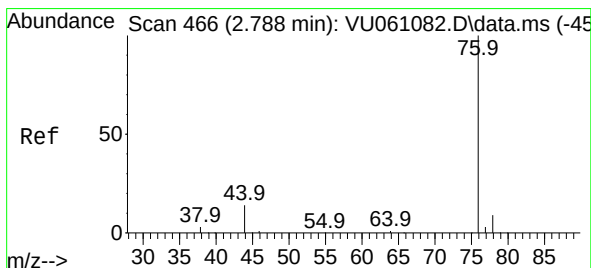
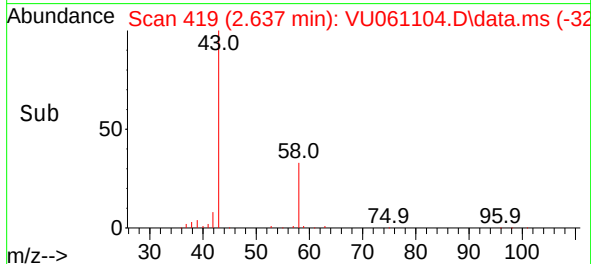
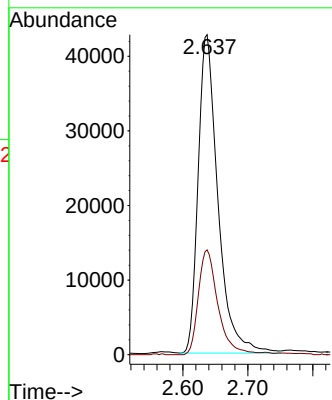
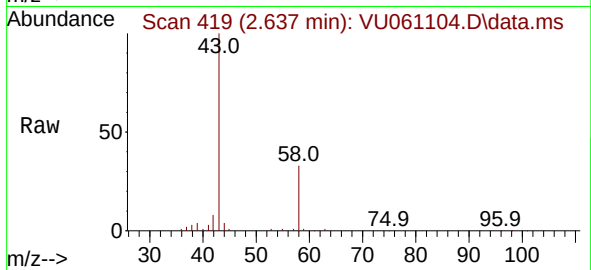
ClientSampleId :

Tgt Ion: 43 Resp: 90525

Ion Ratio Lower Upper

43 100

58 32.5 0.0 69.6



#14

Carbon disulfide

Concen: 4.959 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061104.D

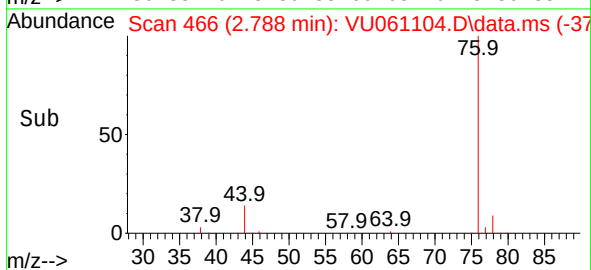
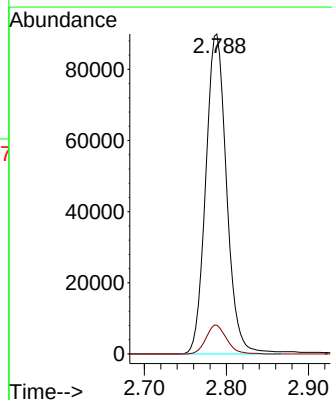
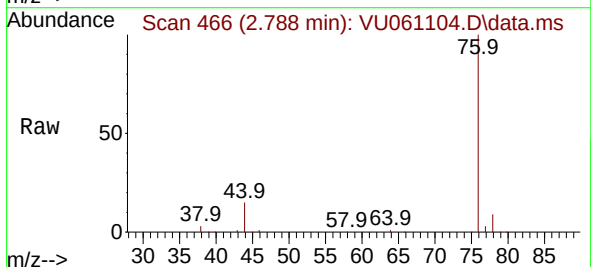
Acq: 10 Oct 2024 21:11

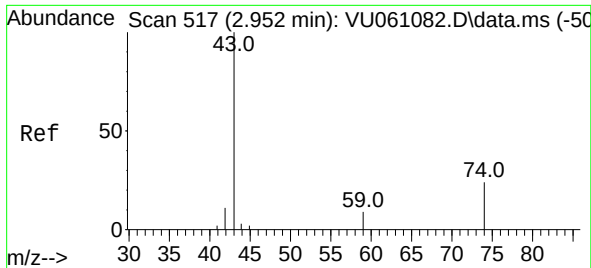
Tgt Ion: 76 Resp: 159075

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

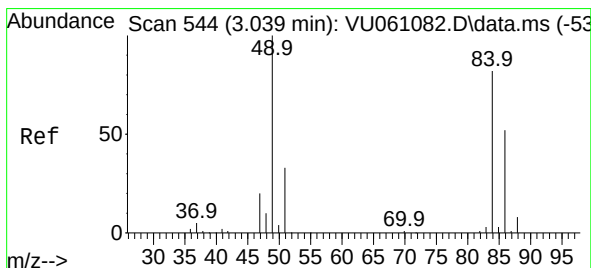
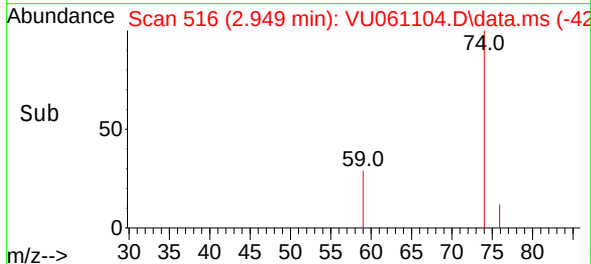
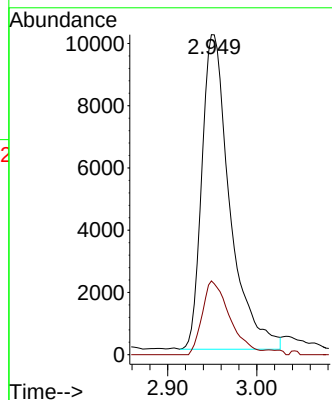
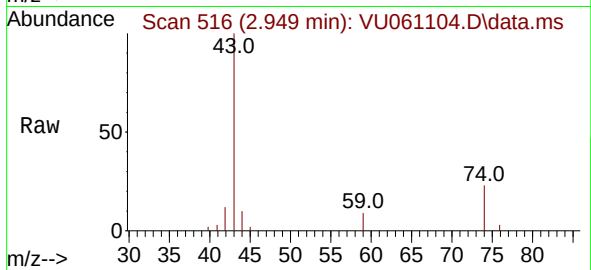




#15
Methyl Acetate
Concen: 5.028 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

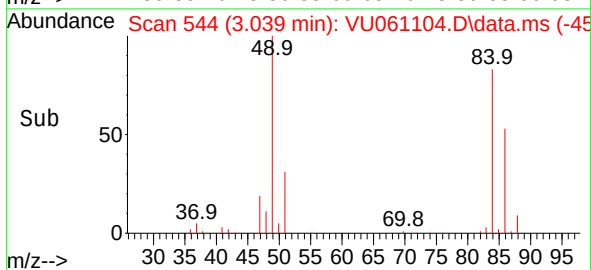
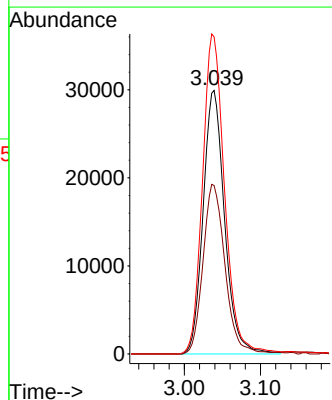
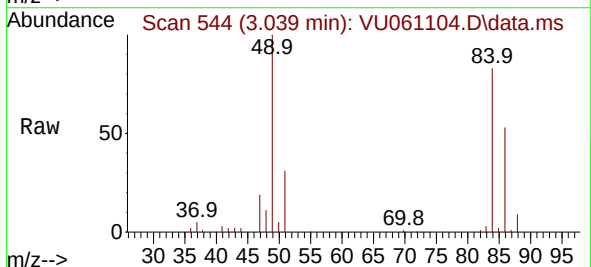
Instrument :
MSVOA_U
ClientSampleId :

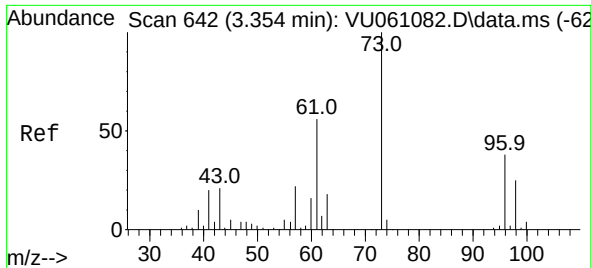
Tgt Ion: 43 Resp: 22042
Ion Ratio Lower Upper
43 100
74 23.1 18.9 28.3



#16
Methylene chloride
Concen: 5.431 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 84 Resp: 58854
Ion Ratio Lower Upper
84 100
86 63.9 47.3 87.8
49 120.3 78.7 146.1



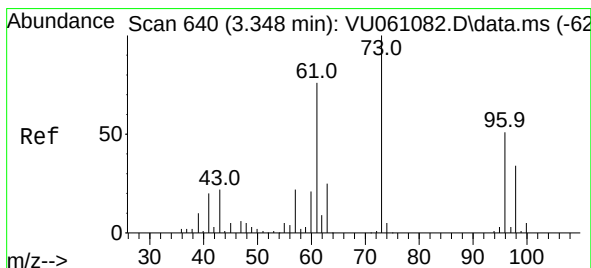
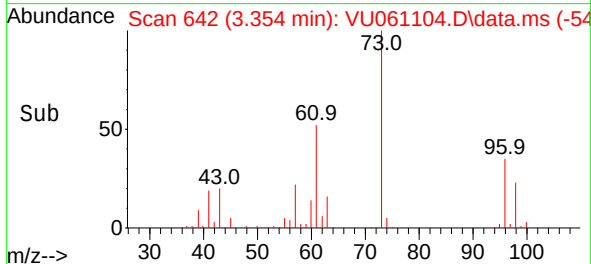
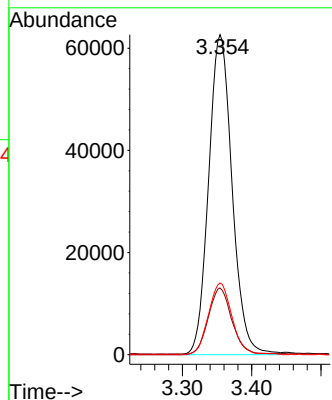
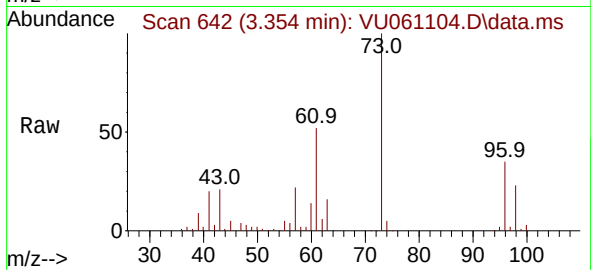


#17
Methyl tert-butyl Ether
Concen: 5.460 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 147470

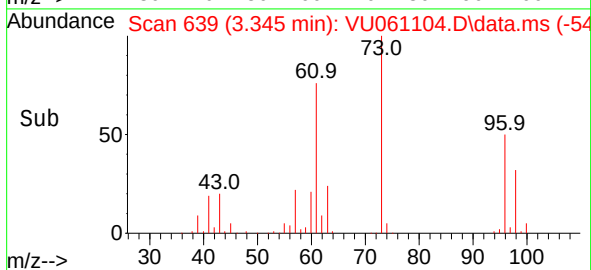
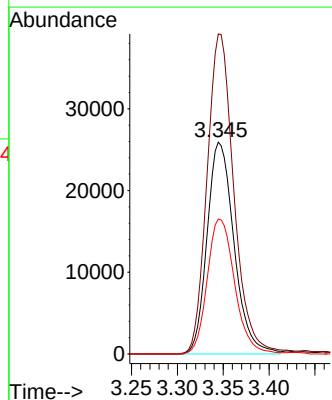
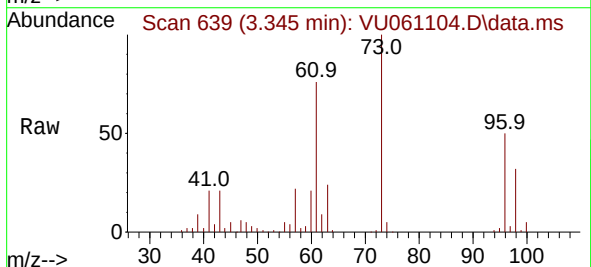
Ion	Ratio	Lower	Upper
73	100		
43	20.4	13.8	20.8
57	22.3	18.0	27.0

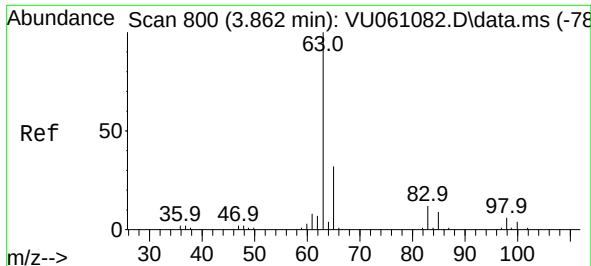


#18
trans-1,2-Dichloroethene
Concen: 5.131 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 96 Resp: 53091

Ion	Ratio	Lower	Upper
96	100		
61	151.0	97.2	180.6
98	63.7	43.3	80.5

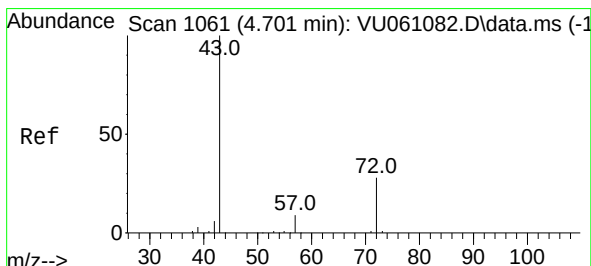
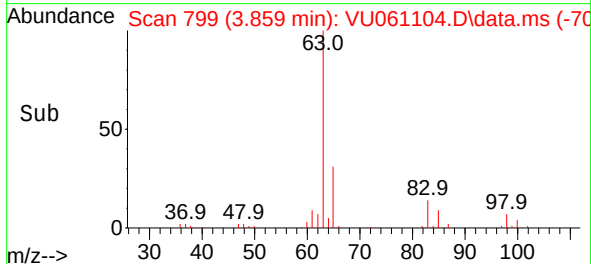
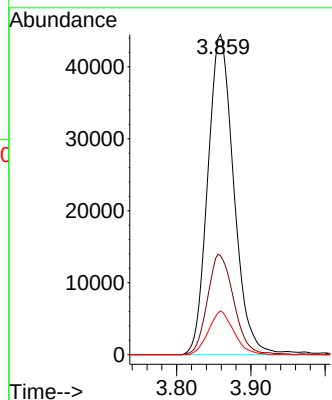
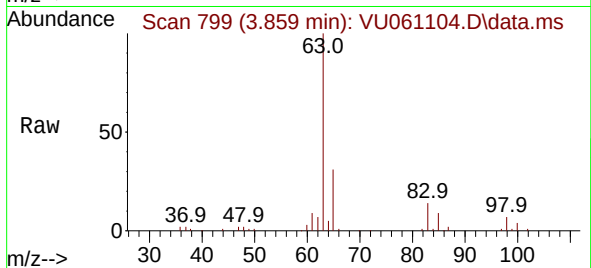




#19
1,1-Dichloroethane
Concen: 5.365 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

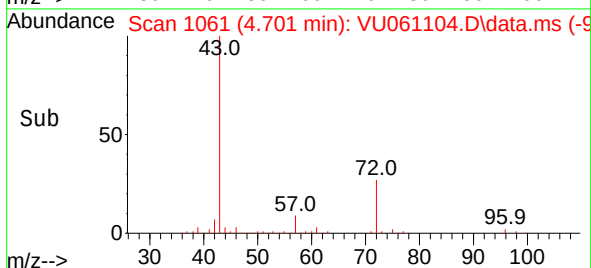
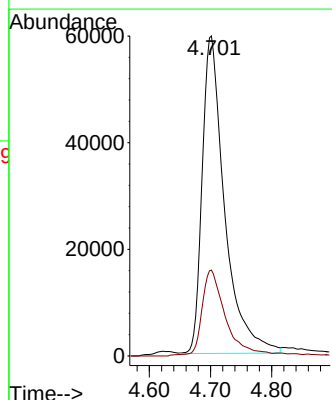
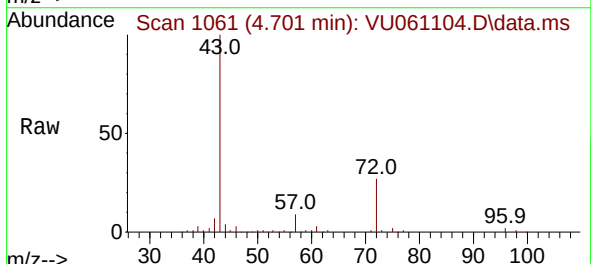
Instrument :
MSVOA_U
ClientSampleId :

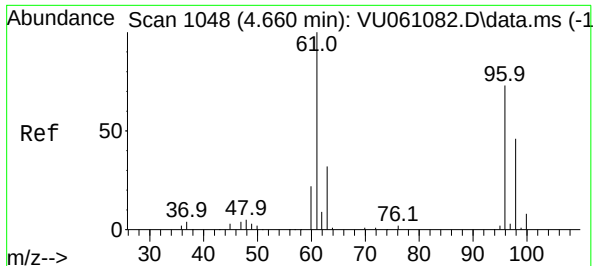
Tgt Ion: 63 Resp: 108025
Ion Ratio Lower Upper
63 100
65 30.9 23.0 42.8
83 13.6 9.0 16.6



#21
2-Butanone
Concen: 51.282 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 43 Resp: 151992
Ion Ratio Lower Upper
43 100
72 28.3 14.8 44.3

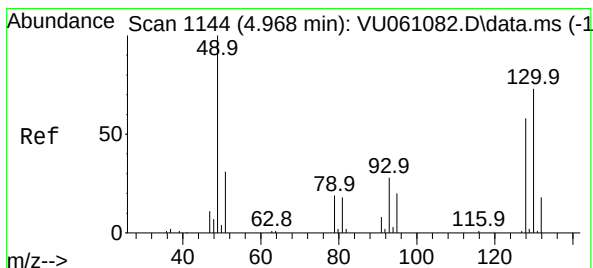
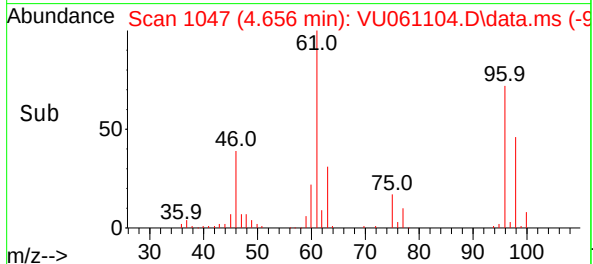
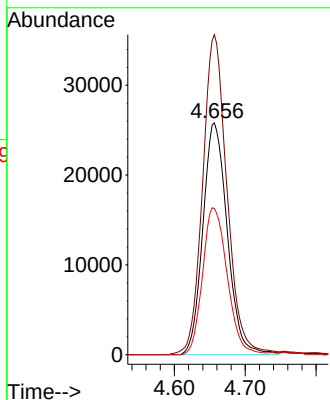
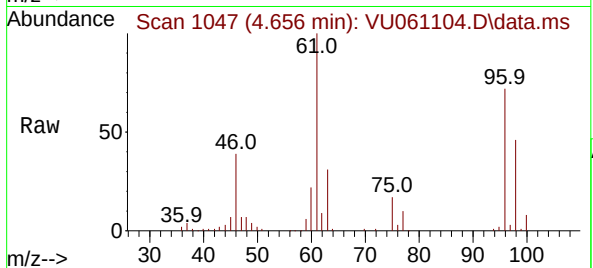




#22
 cis-1,2-Dichloroethene
 Concen: 5.366 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU061104.D
 Acq: 10 Oct 2024 21:11

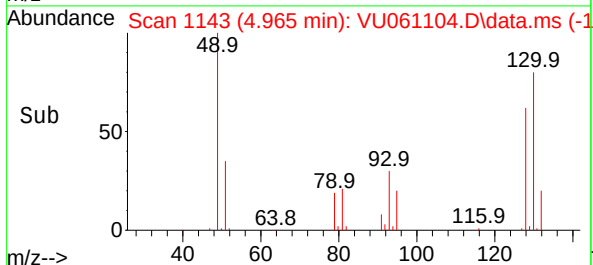
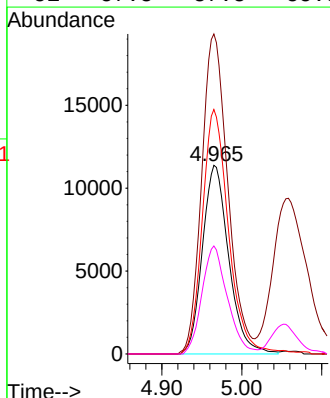
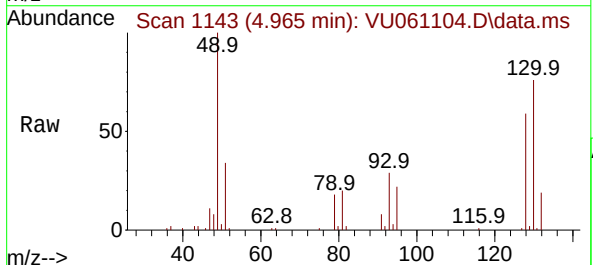
Instrument :
 MSVOA_U
 ClientSampleId :

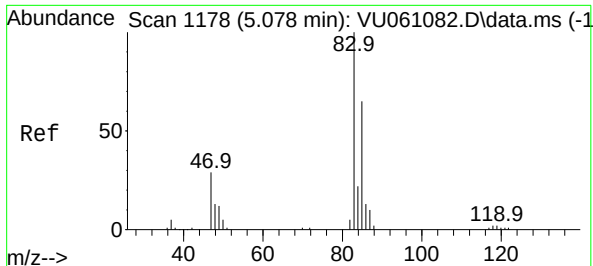
Tgt Ion:	96	Resp:	61838
Ion	Ratio	Lower	Upper
96	100		
61	138.0	89.7	166.5
98	63.0	45.1	83.9



#23
 Bromochloromethane
 Concen: 5.614 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061104.D
 Acq: 10 Oct 2024 21:11

Tgt Ion:	128	Resp:	26041
Ion	Ratio	Lower	Upper
128	100		
49	169.7	109.6	203.6
130	129.7	87.8	163.0
51	57.3	37.3	55.9#





#25

Chloroform

Concen: 5.460 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

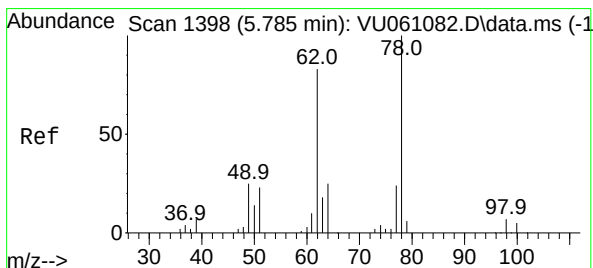
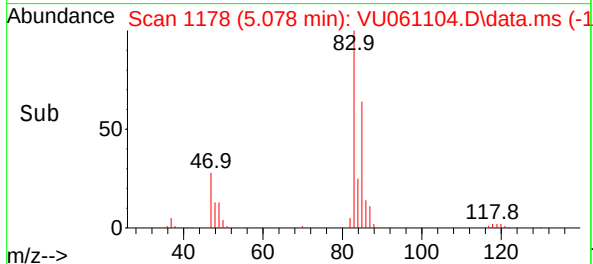
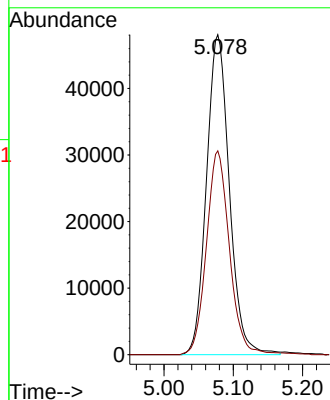
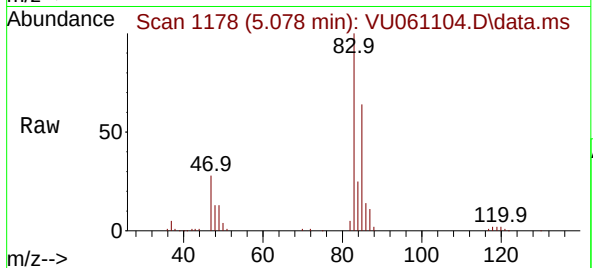
ClientSampleId :

Tgt Ion: 83 Resp: 110128

Ion Ratio Lower Upper

83 100

85 63.7 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.221 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061104.D

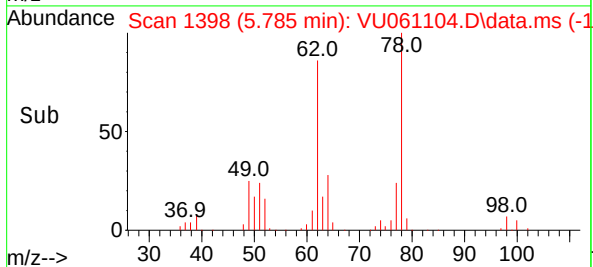
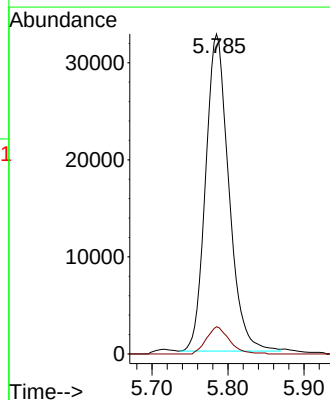
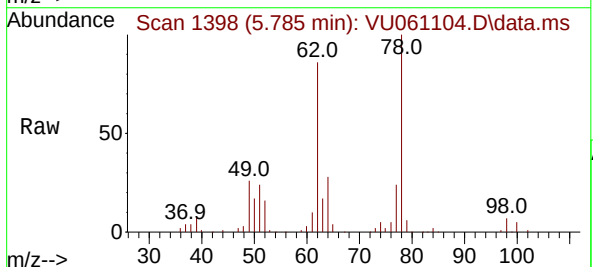
Acq: 10 Oct 2024 21:11

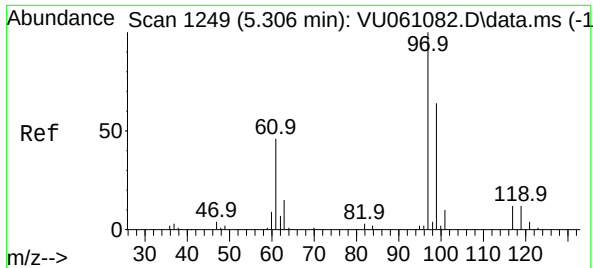
Tgt Ion: 62 Resp: 69365

Ion Ratio Lower Upper

62 100

98 8.5 8.2 12.4

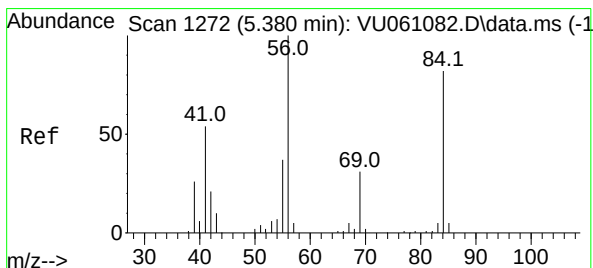
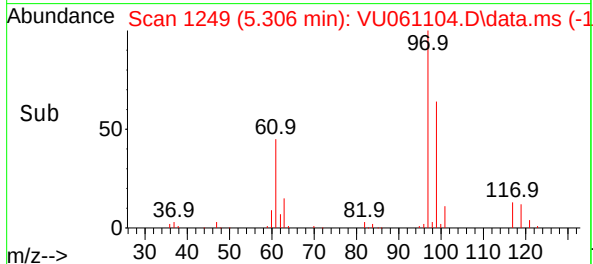
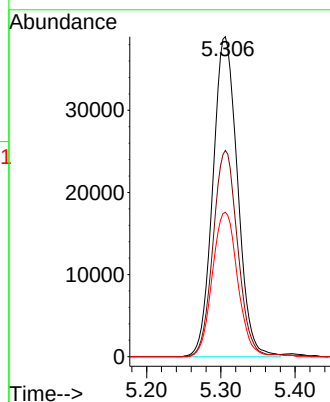
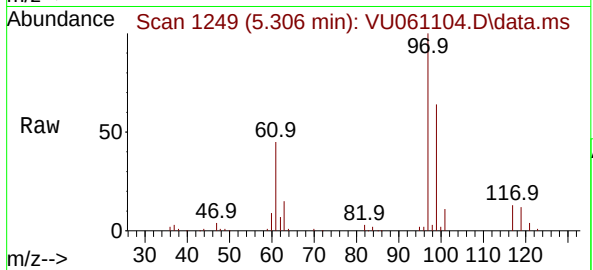




#29
1,1,1-Trichloroethane
Concen: 5.124 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

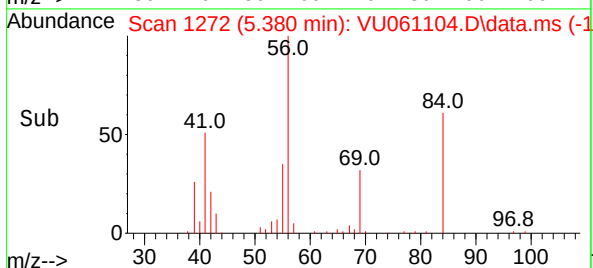
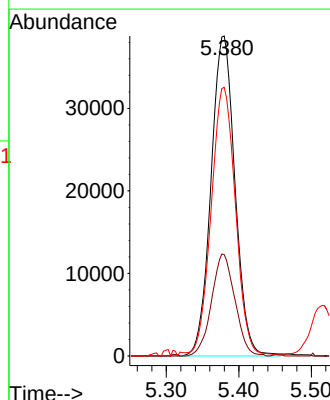
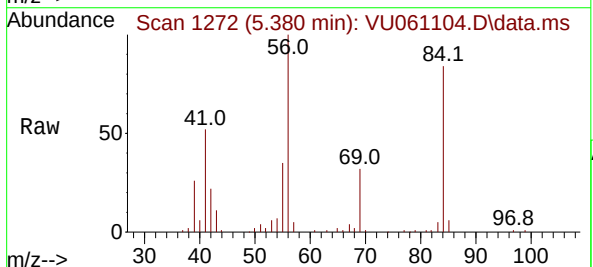
Instrument :
MSVOA_U
ClientSampleId :

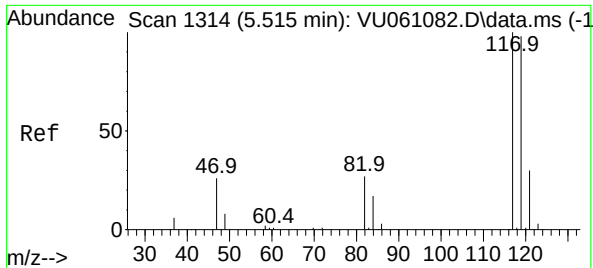
Tgt Ion: 97	Resp: 89945
Ion Ratio	Lower Upper
97 100	
99 64.2	50.5 75.7
61 46.3	34.4 51.6



#30
Cyclohexane
Concen: 4.551 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 56	Resp: 88982
Ion Ratio	Lower Upper
56 100	
69 31.1	25.4 38.0
84 83.6	71.0 106.6

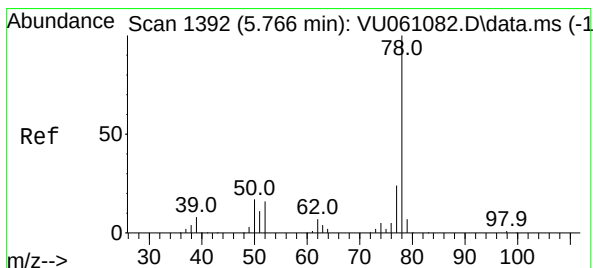
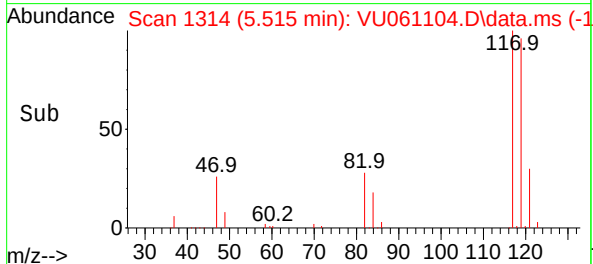
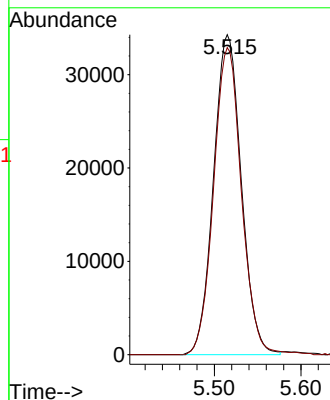
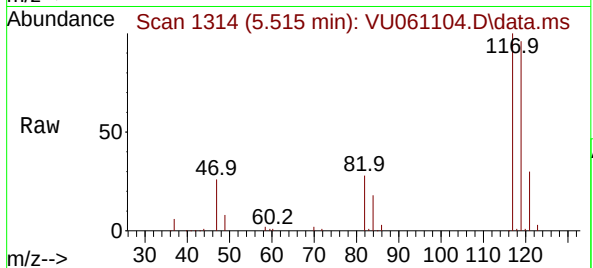




#31
Carbon tetrachloride
Concen: 5.128 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

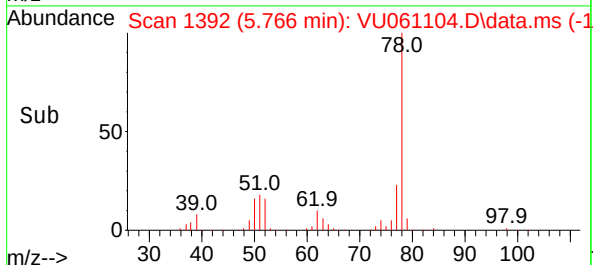
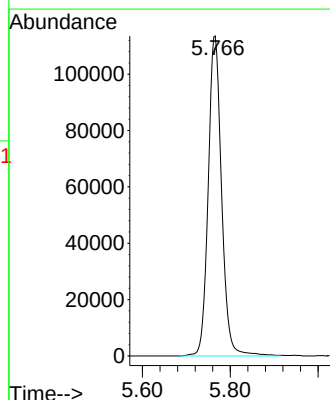
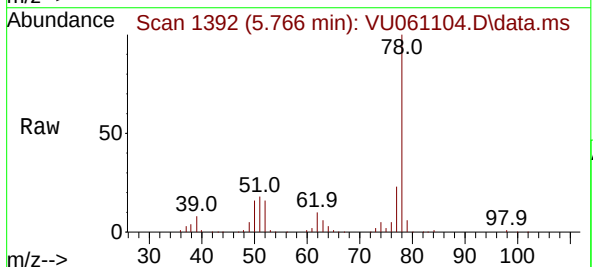
Instrument :
MSVOA_U
ClientSampleId :

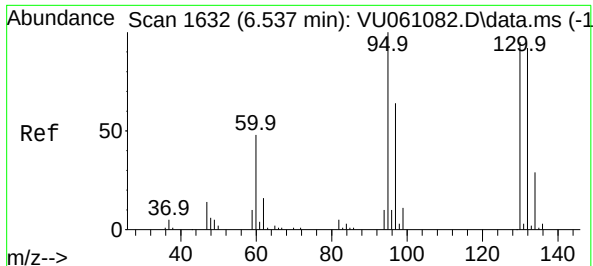
Tgt Ion:117 Resp: 76383
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5



#33
Benzene
Concen: 5.375 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 78 Resp: 240357





#34

Trichloroethene

Concen: 5.065 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 61394

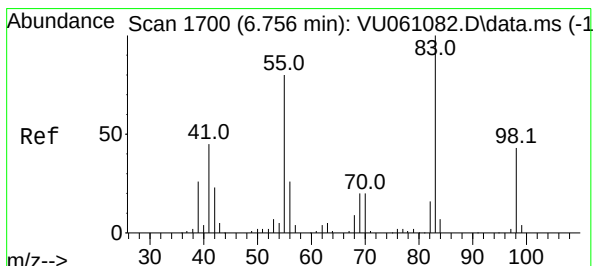
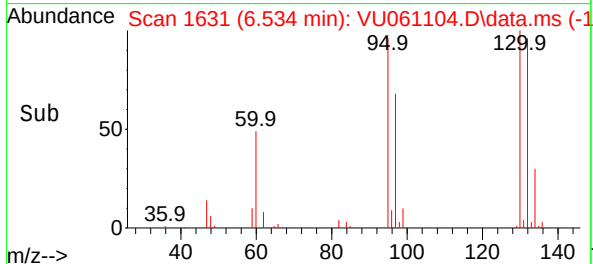
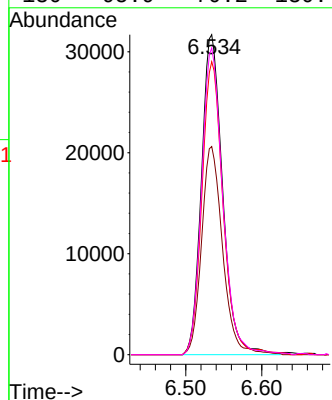
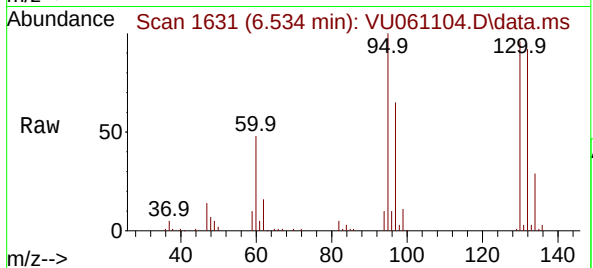
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.5

132 91.6 63.5 117.9

130 95.9 70.2 130.4



#35

Methylcyclohexane

Concen: 4.669 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

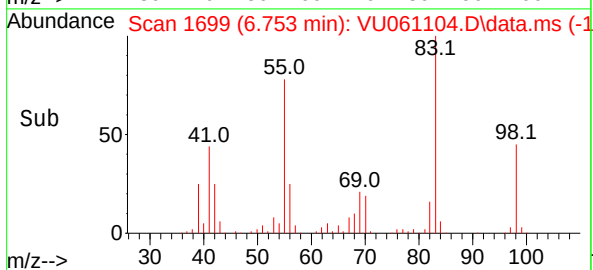
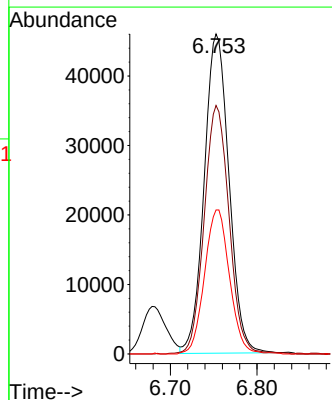
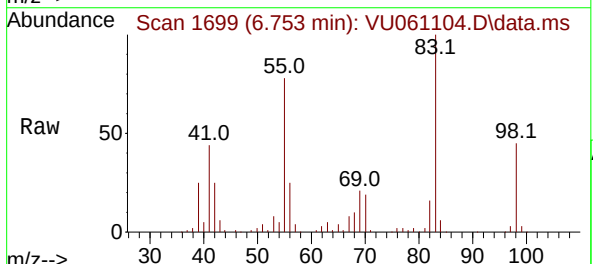
Tgt Ion: 83 Resp: 91394

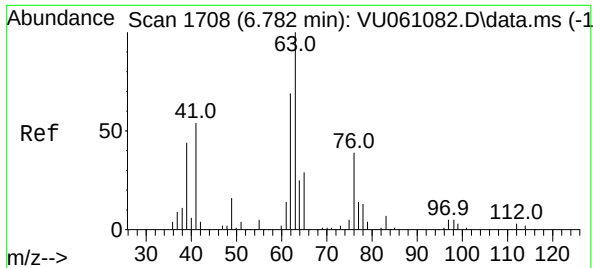
Ion Ratio Lower Upper

83 100

55 78.4 62.6 94.0

98 45.6 37.6 56.4

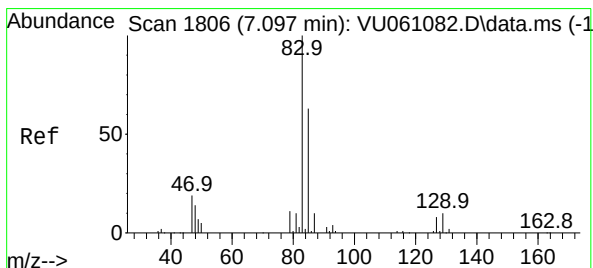
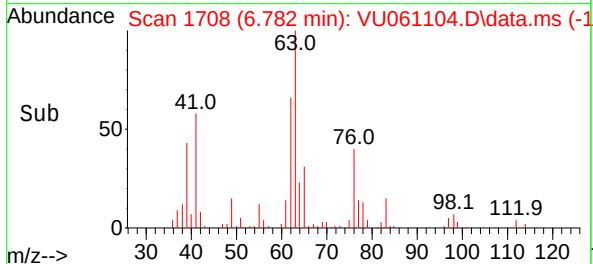
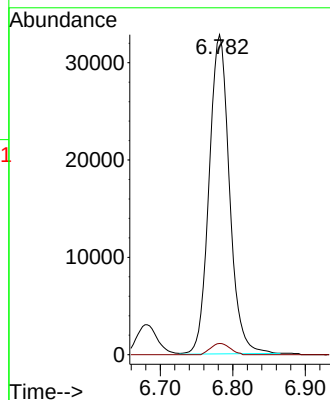
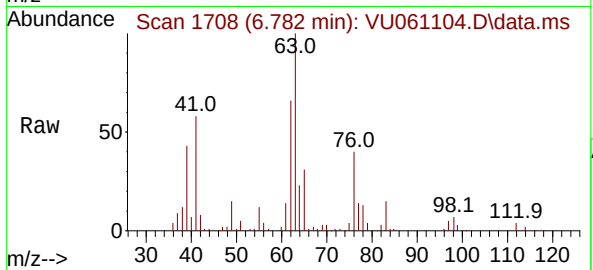




#37
1,2-Dichloropropane
Concen: 5.428 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

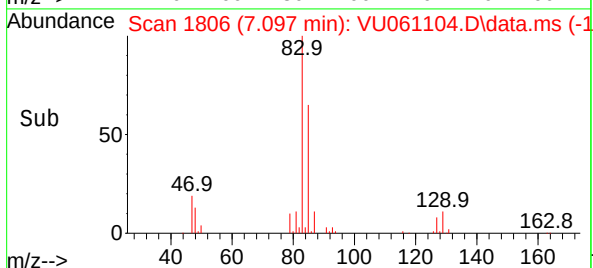
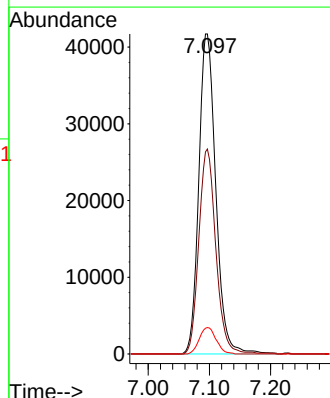
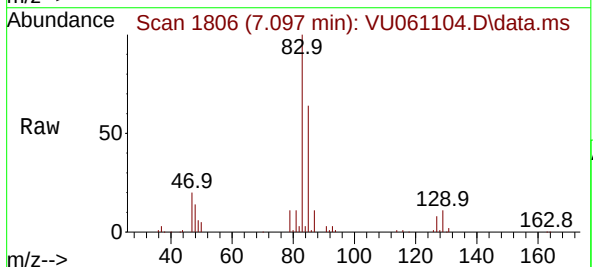
Instrument :
MSVOA_U
ClientSampleId :

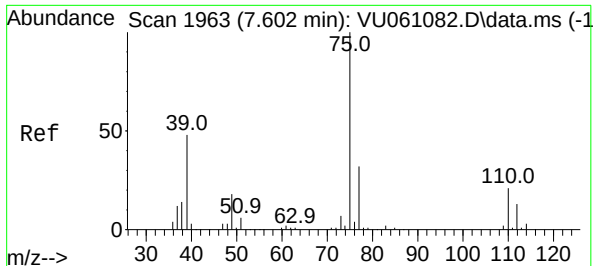
Tgt Ion: 63 Resp: 63963
Ion Ratio Lower Upper
63 100
112 3.4 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.463 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 83 Resp: 80476
Ion Ratio Lower Upper
83 100
85 64.0 45.6 84.8
127 8.2 7.0 10.6

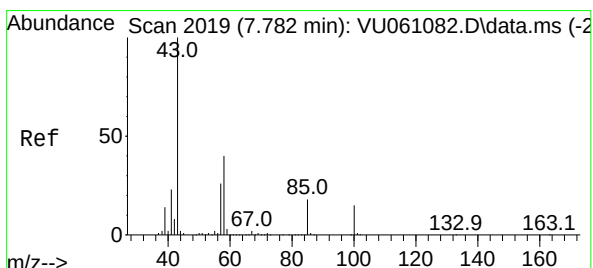
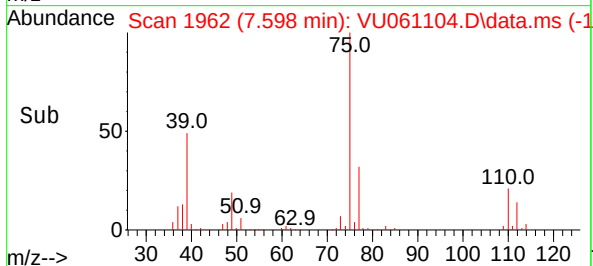
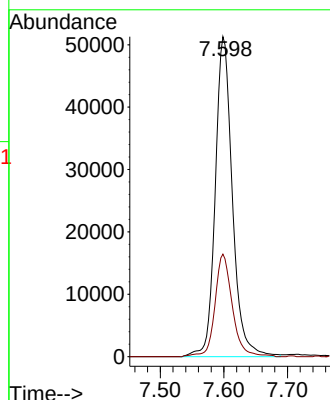
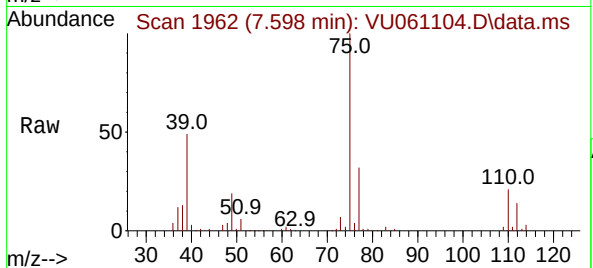




#39
cis-1,3-Dichloropropene
Concen: 5.197 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

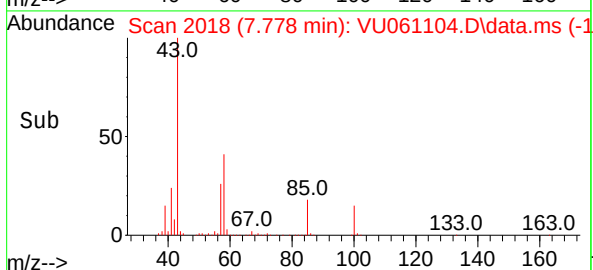
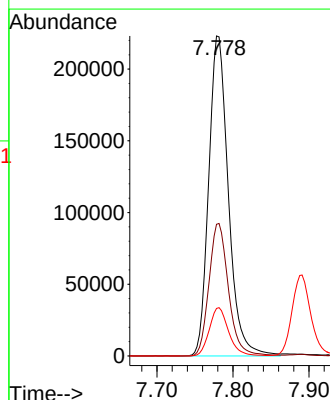
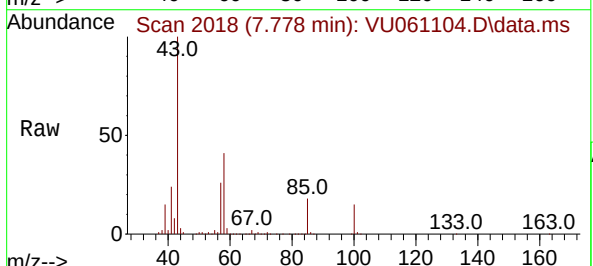
Instrument :
MSVOA_U
ClientSampleId :

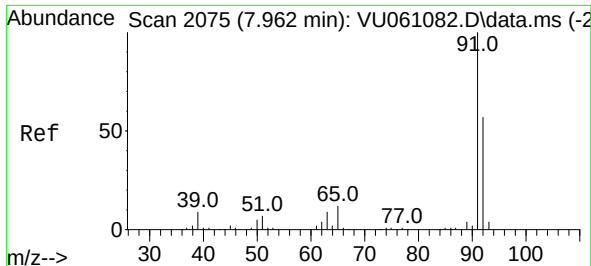
Tgt Ion: 75 Resp: 96024
Ion Ratio Lower Upper
75 100
77 32.0 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 53.072 ug/L
RT: 7.778 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 43 Resp: 400575
Ion Ratio Lower Upper
43 100
58 41.2 34.9 52.3
100 14.9 13.4 20.0

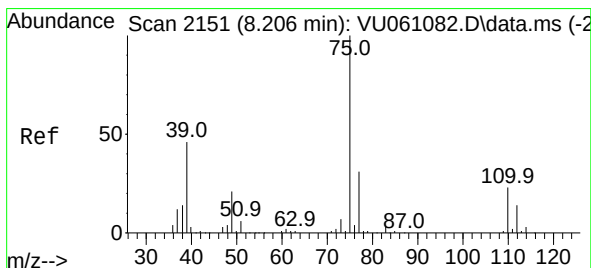
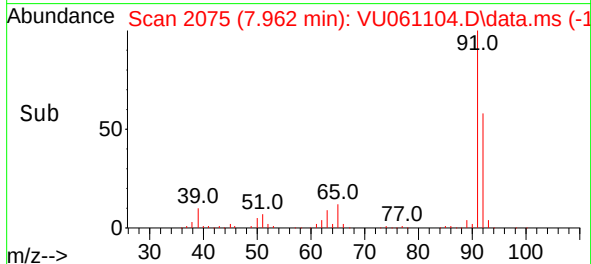
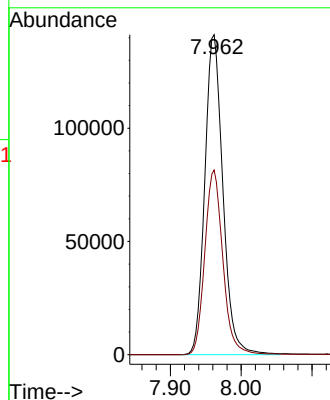
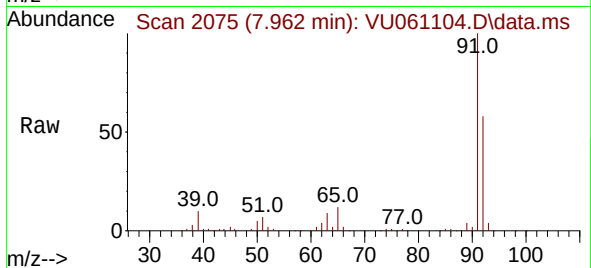




#42
Toluene
Concen: 5.260 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

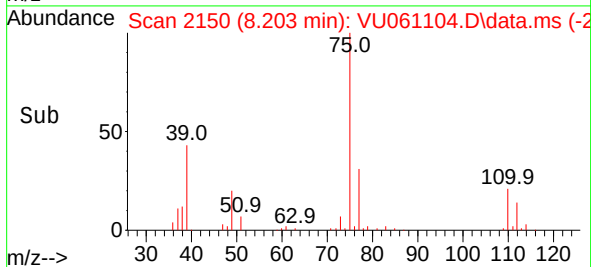
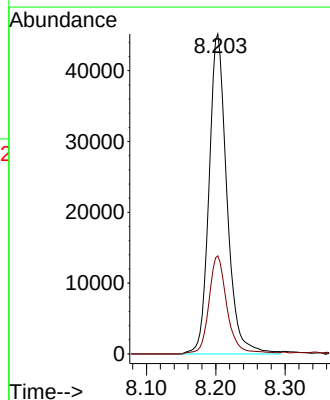
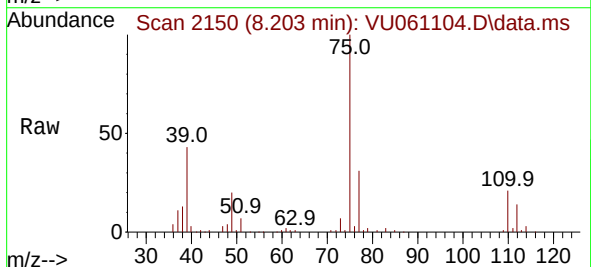
Instrument :
MSVOA_U
ClientSampleId :

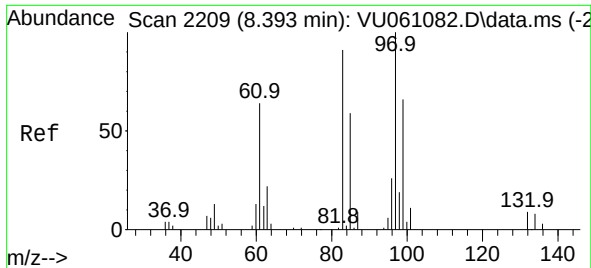
Tgt Ion: 91 Resp: 250559
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.293 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 75 Resp: 80873
Ion Ratio Lower Upper
75 100
77 30.7 23.1 42.9



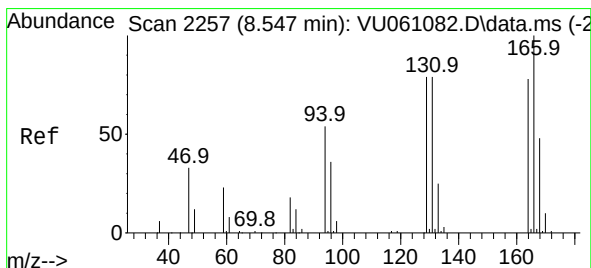
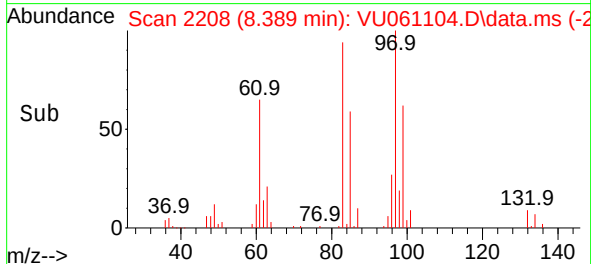
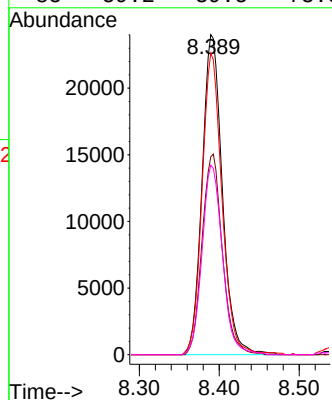
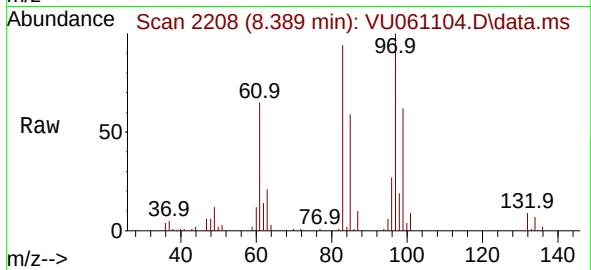


#45
1,1,2-Trichloroethane
Concen: 5.424 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 42358

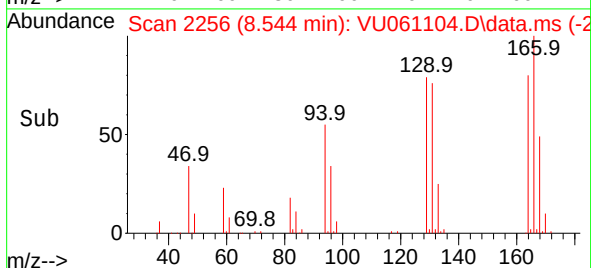
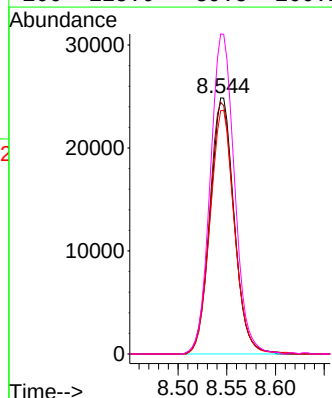
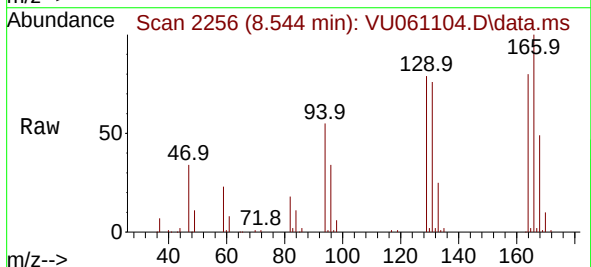
Ion	Ratio	Lower	Upper
97	100		
99	61.8	42.3	78.5
83	94.2	61.7	114.5
85	59.2	39.5	73.3

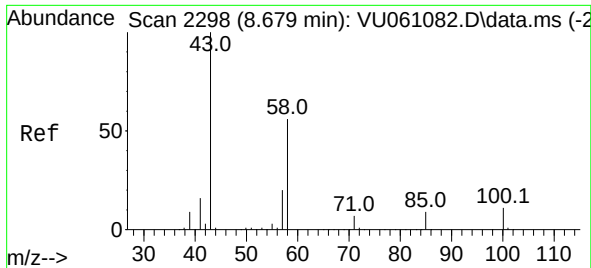


#47
Tetrachloroethene
Concen: 5.393 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 164 Resp: 42545

Ion	Ratio	Lower	Upper
164	100		
129	98.3	67.3	124.9
131	95.0	65.4	121.4
166	125.0	89.5	166.1

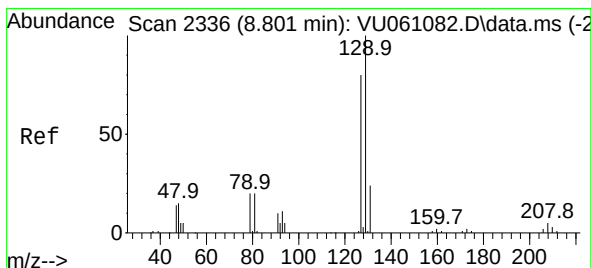
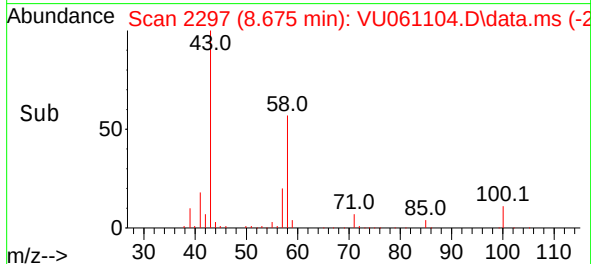
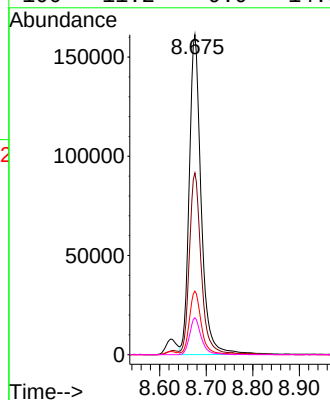
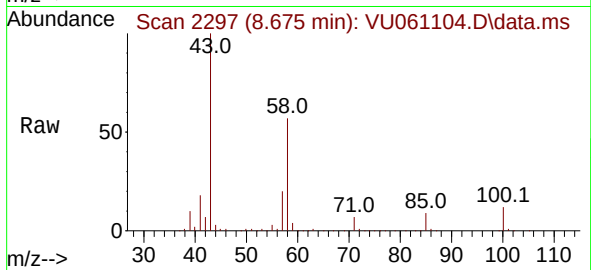




#48
2-Hexanone
Concen: 54.808 ug/L
RT: 8.675 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

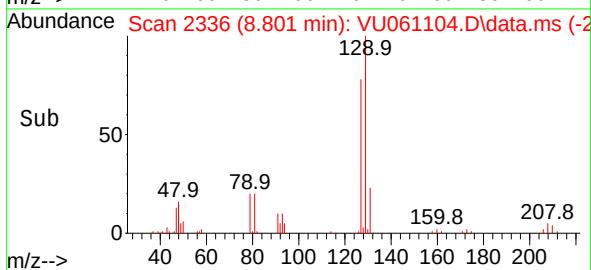
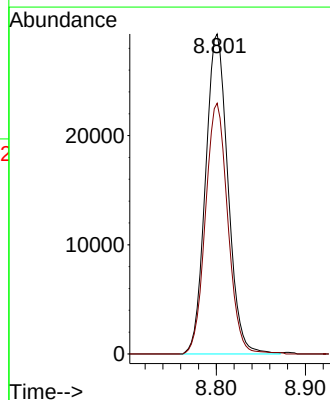
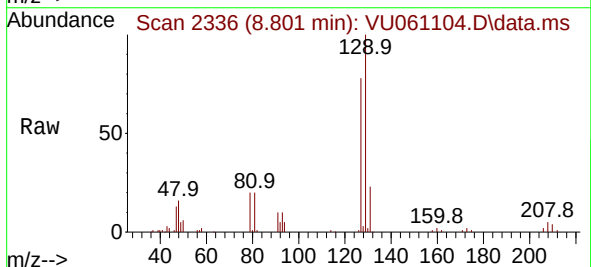
Instrument :
MSVOA_U
ClientSampleId :

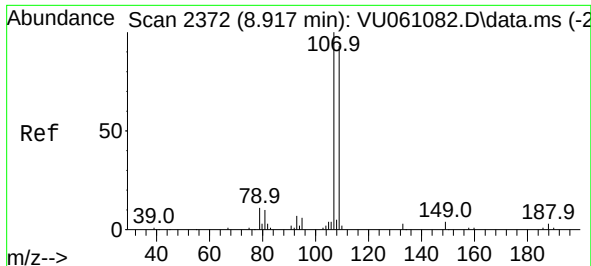
Tgt Ion:	43	Resp:	286802
Ion	Ratio	Lower	Upper
43	100		
58	54.5	48.3	72.5
57	19.3	15.9	23.9
100	11.2	9.9	14.9



#49
Dibromochloromethane
Concen: 5.640 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion:	129	Resp:	51248
Ion	Ratio	Lower	Upper
129	100		
127	78.4	56.1	104.1





#50

1,2-Dibromoethane

Concen: 5.627 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

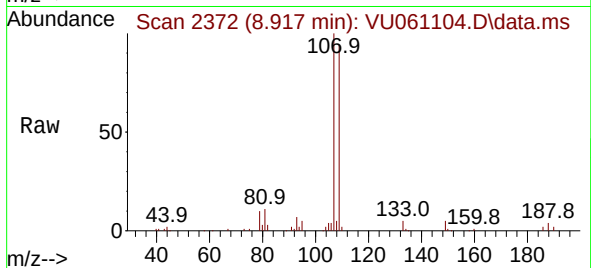
Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :



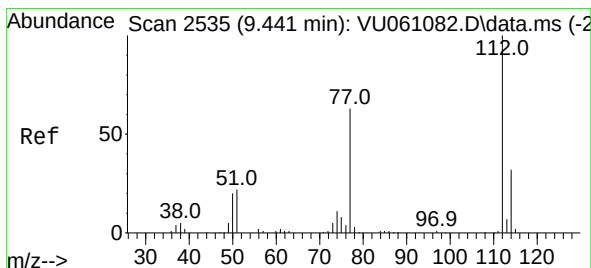
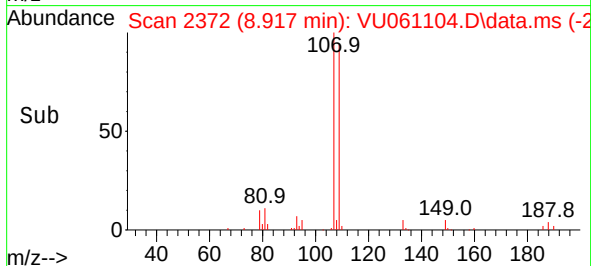
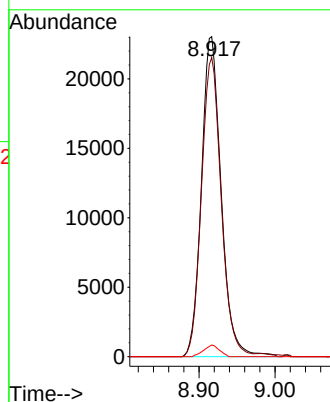
Tgt Ion:107 Resp: 41599

Ion Ratio Lower Upper

107 100

109 93.5 66.8 124.0

188 3.6 3.4 5.0



#51

Chlorobenzene

Concen: 5.358 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

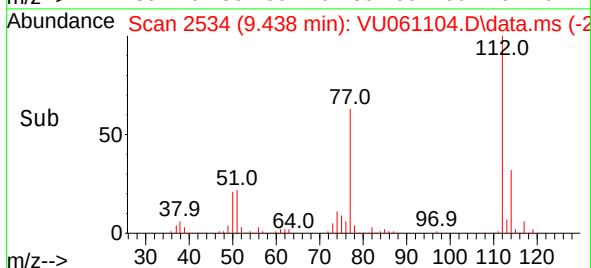
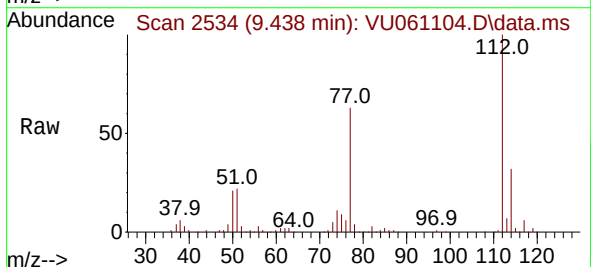
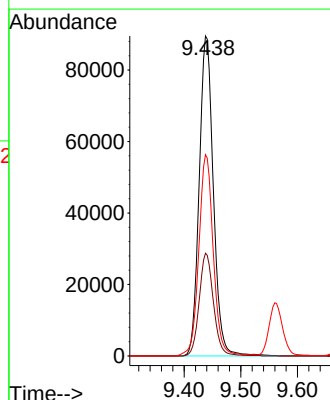
Tgt Ion:112 Resp: 155474

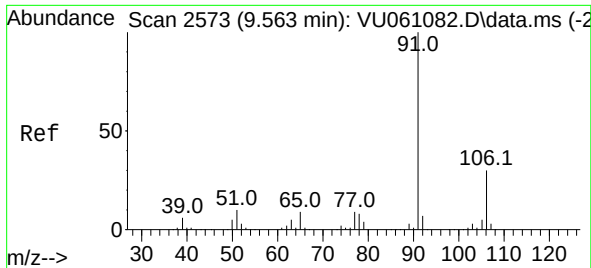
Ion Ratio Lower Upper

112 100

114 32.1 22.2 41.2

77 62.9 46.1 69.1





#52

Ethylbenzene

Concen: 5.129 ug/L

RT: 9.563 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

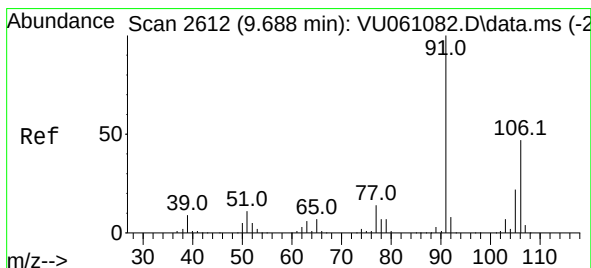
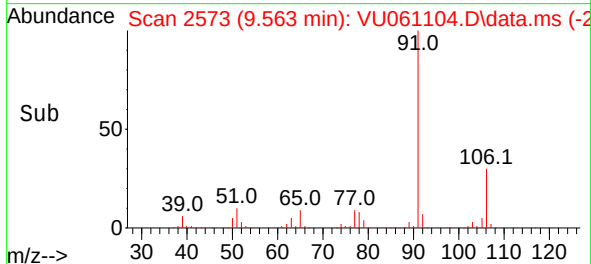
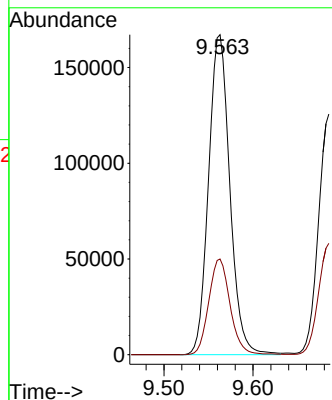
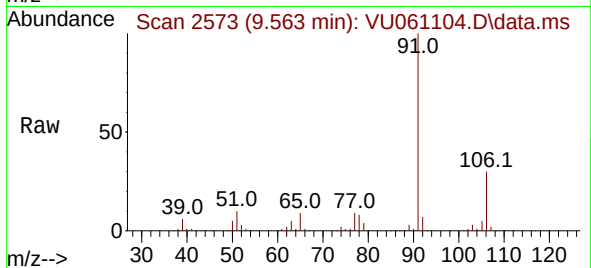
ClientSampleId :

Tgt Ion: 91 Resp: 276883

Ion Ratio Lower Upper

91 100

106 29.9 21.8 40.6



#53

m,p-Xylene

Concen: 5.056 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU061104.D

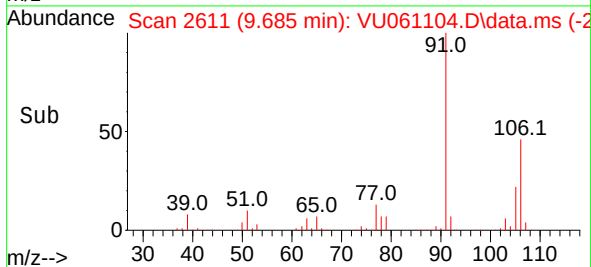
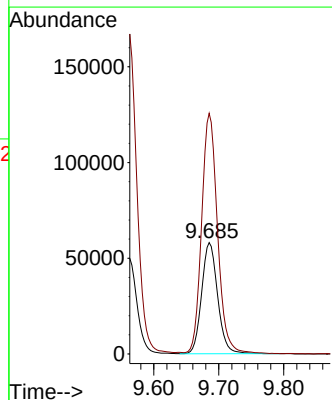
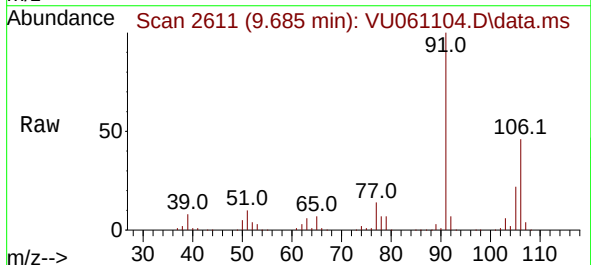
Acq: 10 Oct 2024 21:11

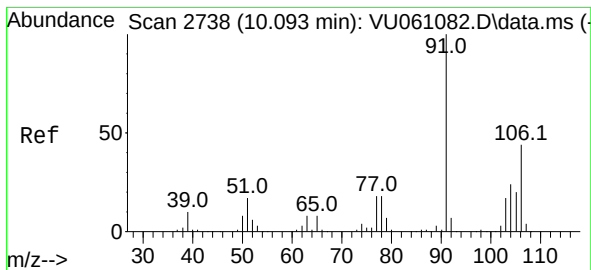
Tgt Ion:106 Resp: 99566

Ion Ratio Lower Upper

106 100

91 216.1 139.7 259.4





#54

o-Xylene

Concen: 5.152 ug/L

RT: 10.090 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

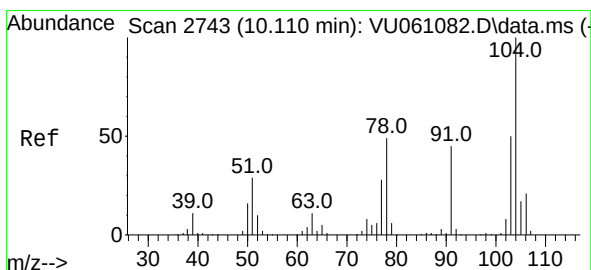
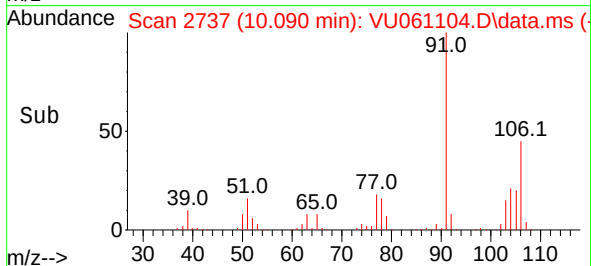
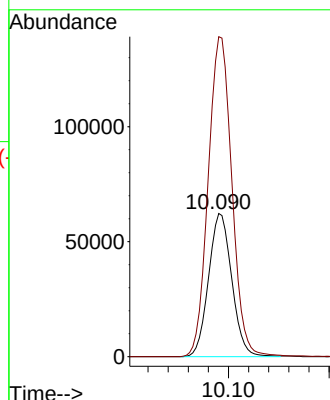
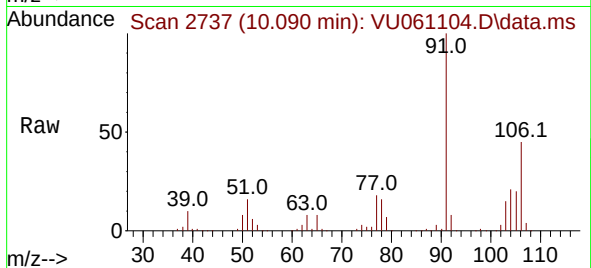
ClientSampleId :

Tgt Ion:106 Resp: 99818

Ion Ratio Lower Upper

106 100

91 223.5 148.6 276.0



#55

Styrene

Concen: 5.236 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU061104.D

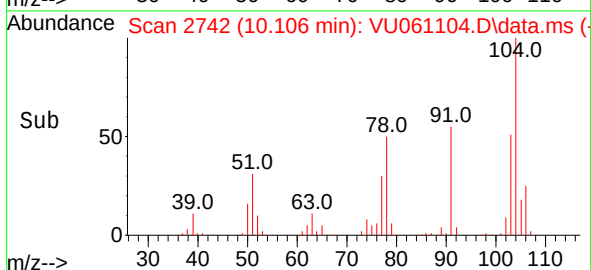
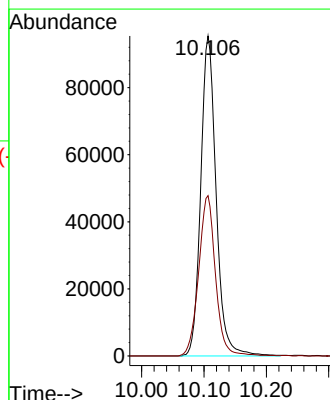
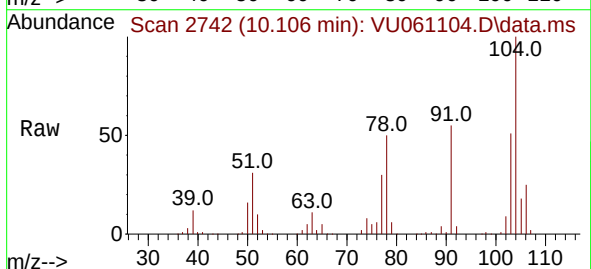
Acq: 10 Oct 2024 21:11

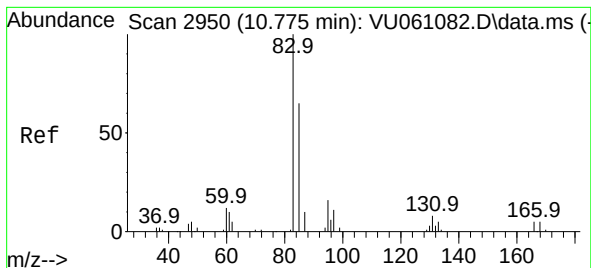
Tgt Ion:104 Resp: 163739

Ion Ratio Lower Upper

104 100

78 50.1 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.592 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

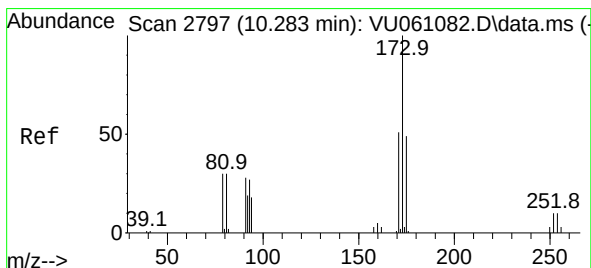
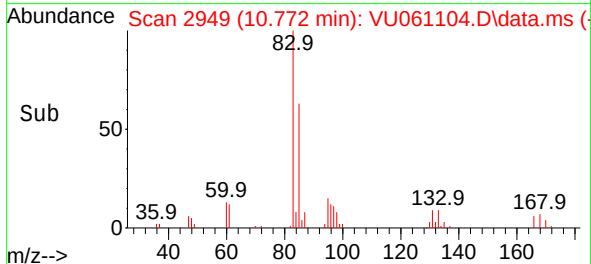
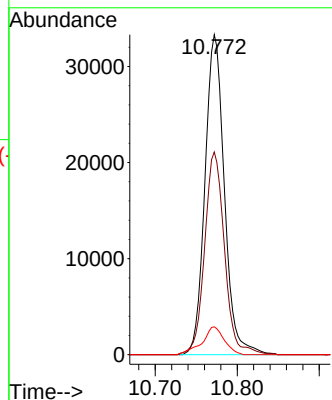
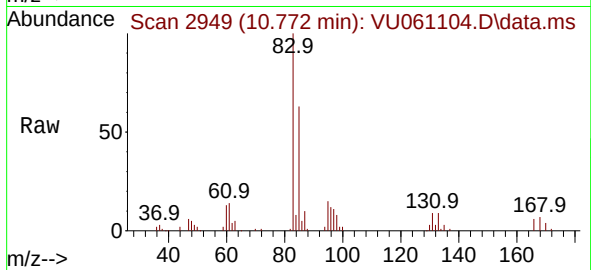
Tgt Ion: 83 Resp: 54878

Ion Ratio Lower Upper

83 100

85 63.4 42.9 79.7

131 8.7 8.4 12.6



#59

Bromoform

Concen: 5.491 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

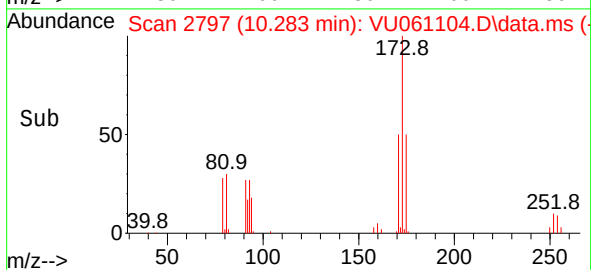
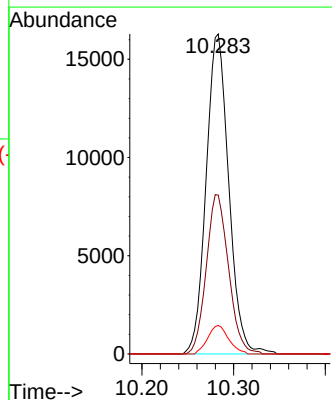
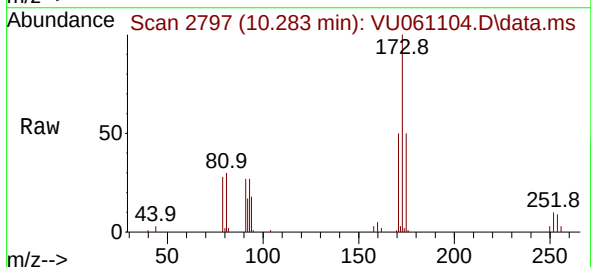
Tgt Ion:173 Resp: 27896

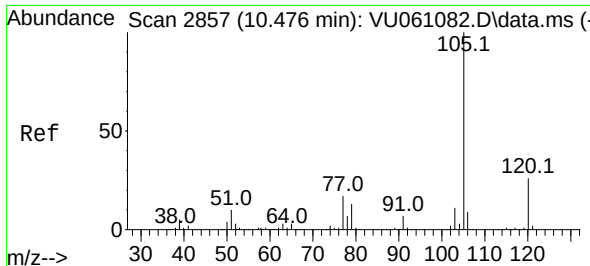
Ion Ratio Lower Upper

173 100

175 49.0 39.1 58.7

254 8.3 8.7 13.1#

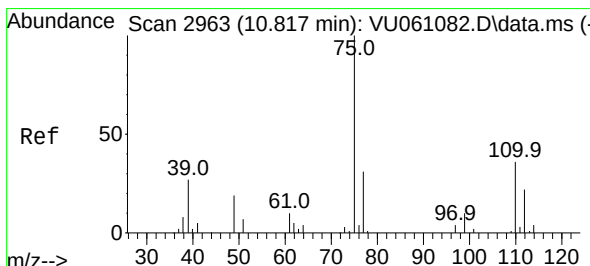
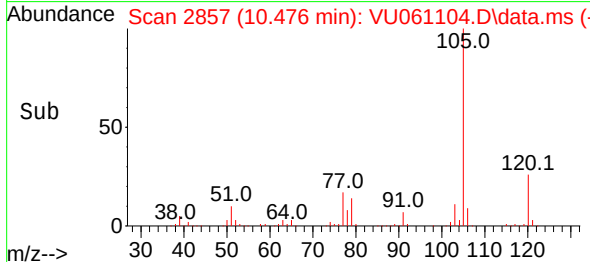
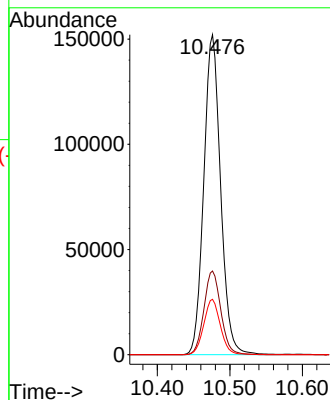
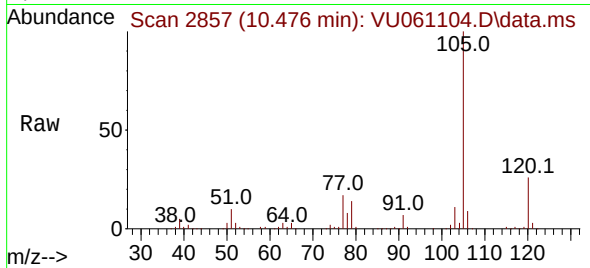




#60
Isopropylbenzene
Concen: 4.960 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

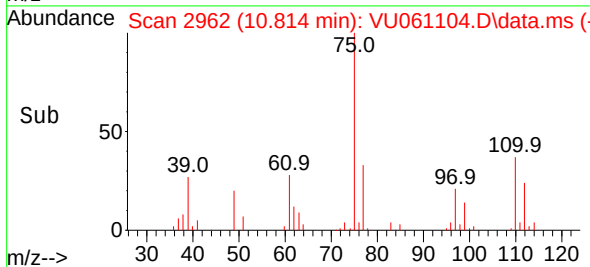
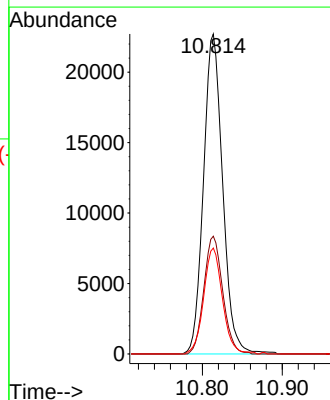
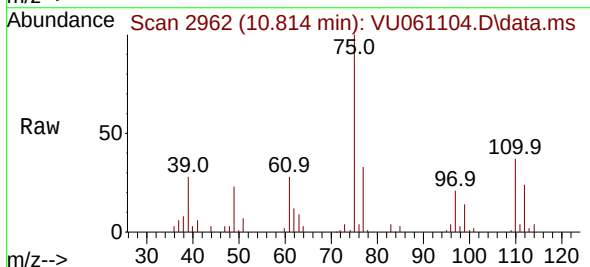
Instrument :
MSVOA_U
ClientSampleId :

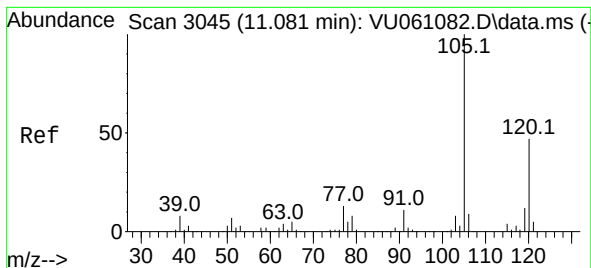
Tgt Ion:105 Resp: 245532
Ion Ratio Lower Upper
105 100
120 26.3 21.5 32.3
77 17.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.221 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion: 75 Resp: 37964
Ion Ratio Lower Upper
75 100
110 36.1 28.6 43.0
77 32.4 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.973 ug/L

RT: 11.077 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

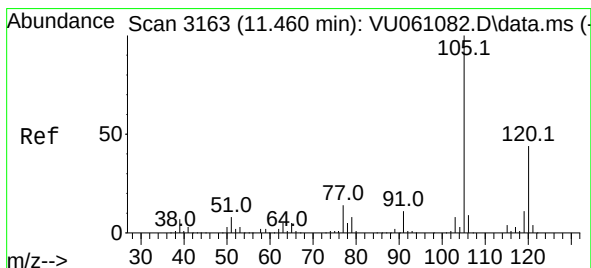
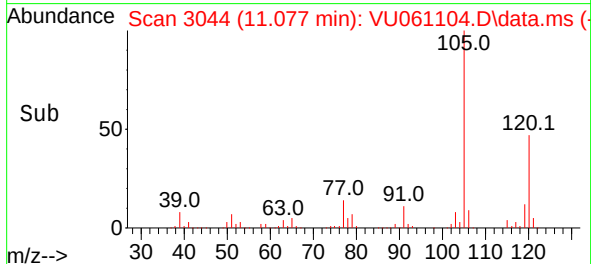
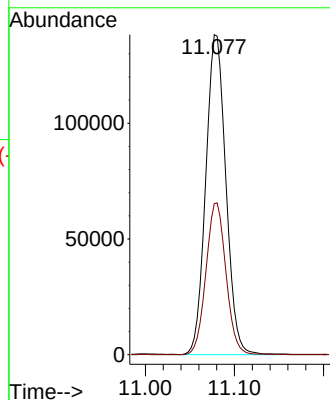
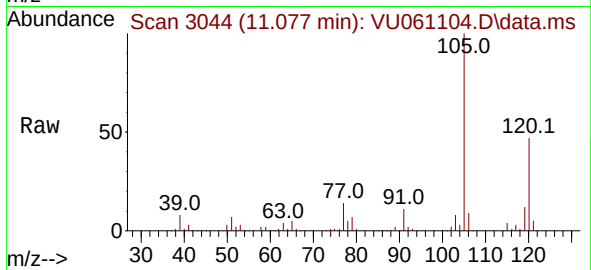
ClientSampleId :

Tgt Ion:105 Resp: 216943

Ion Ratio Lower Upper

105 100

120 47.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.949 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU061104.D

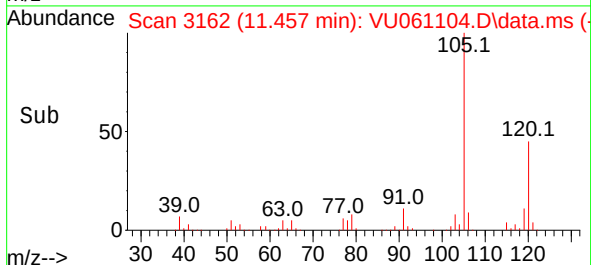
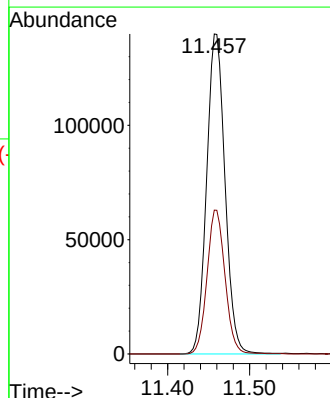
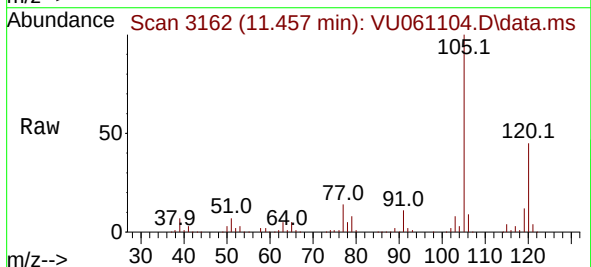
Acq: 10 Oct 2024 21:11

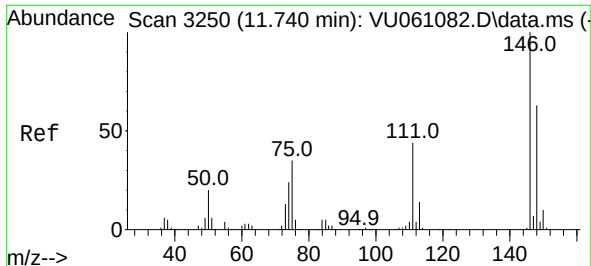
Tgt Ion:105 Resp: 217925

Ion Ratio Lower Upper

105 100

120 44.0 36.1 54.1

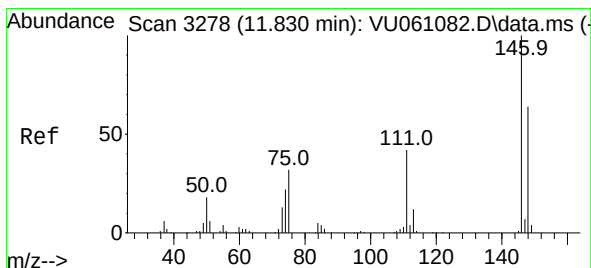
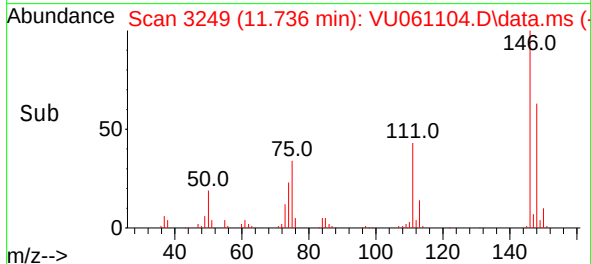
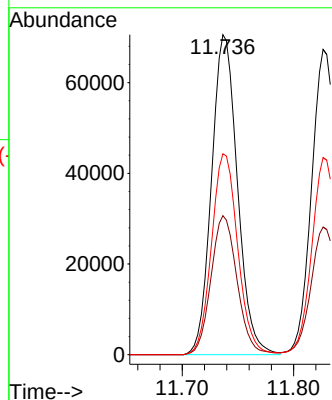
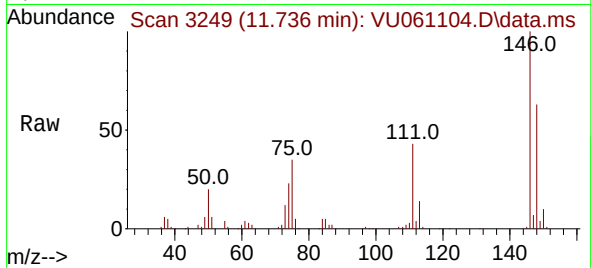




#64
1,3-Dichlorobenzene
Concen: 5.376 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

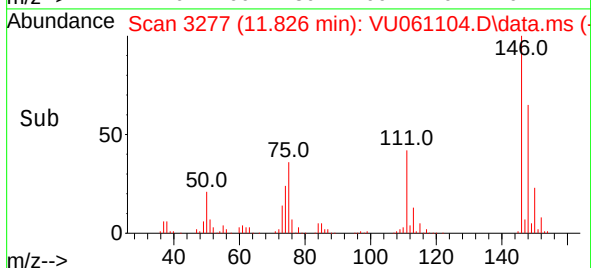
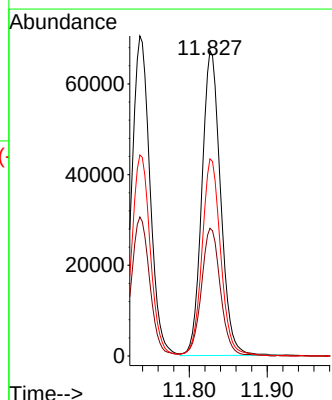
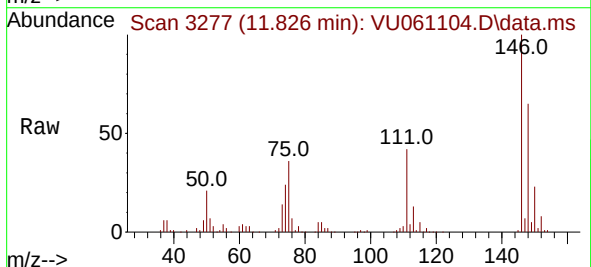
Instrument :
MSVOA_U
ClientSampleId :

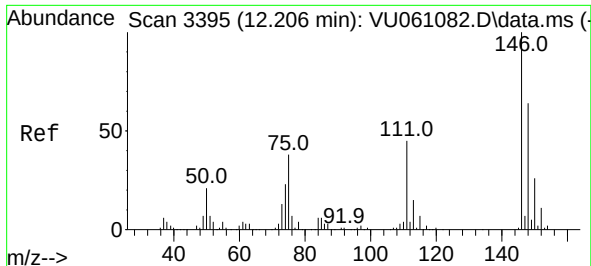
Tgt Ion:146 Resp: 114069
Ion Ratio Lower Upper
146 100
111 43.4 27.5 51.1
148 62.8 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.344 ug/L
RT: 11.826 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

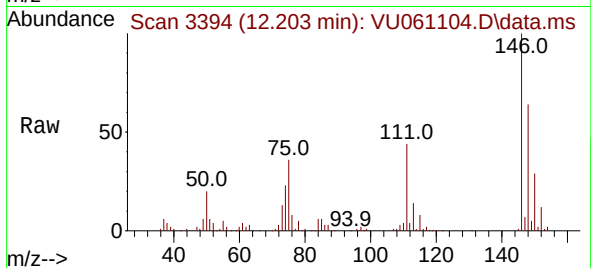
Tgt Ion:146 Resp: 112096
Ion Ratio Lower Upper
146 100
111 41.8 26.3 48.9
148 64.6 45.3 84.1



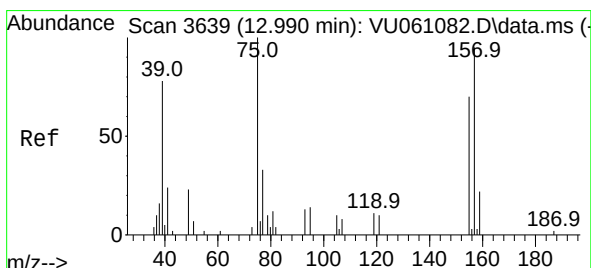
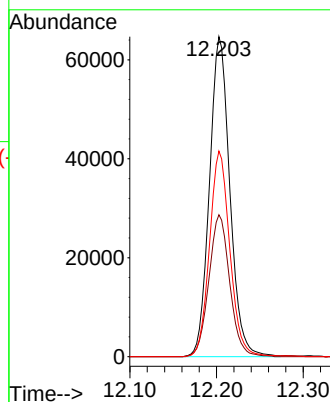
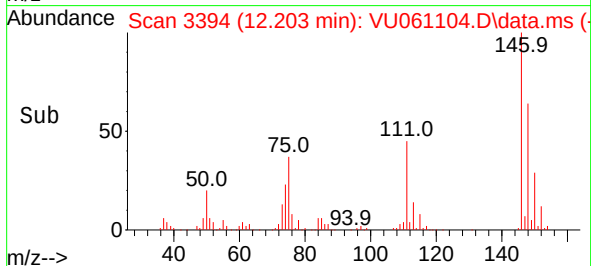


#67
1,2-Dichlorobenzene
Concen: 5.405 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

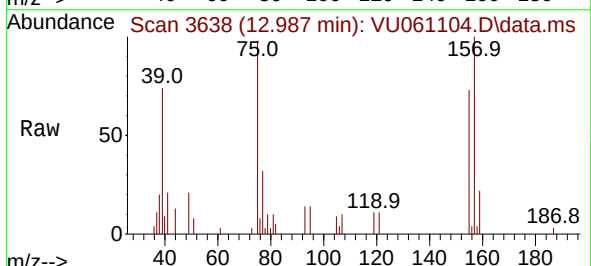
Instrument :
MSVOA_U
ClientSampleId :



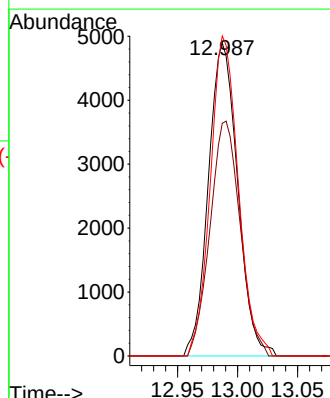
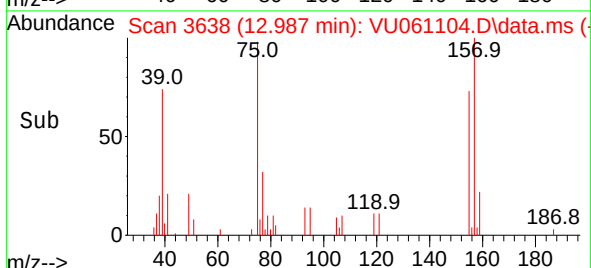
Tgt Ion:146 Resp: 106005
Ion Ratio Lower Upper
146 100
111 44.4 33.4 50.0
148 64.2 50.9 76.3

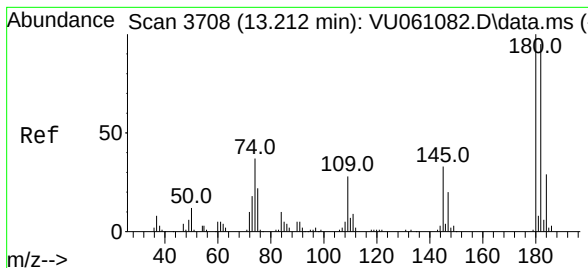


#68
1,2-Dibromo-3-chloropropane
Concen: 5.236 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11



Tgt Ion: 75 Resp: 8303
Ion Ratio Lower Upper
75 100
155 74.3 73.1 109.7
157 102.3 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 5.490 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 82023

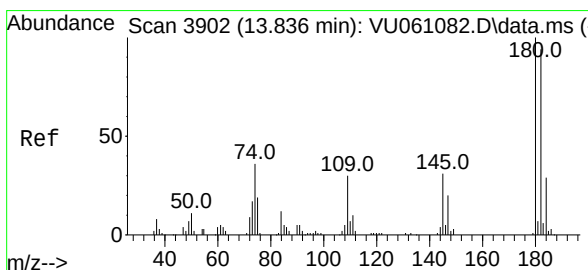
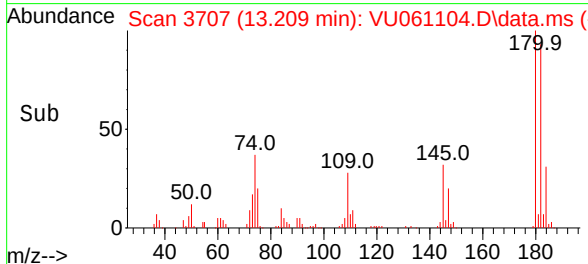
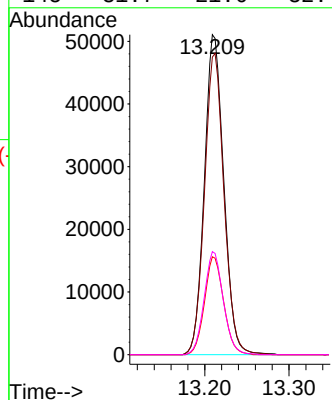
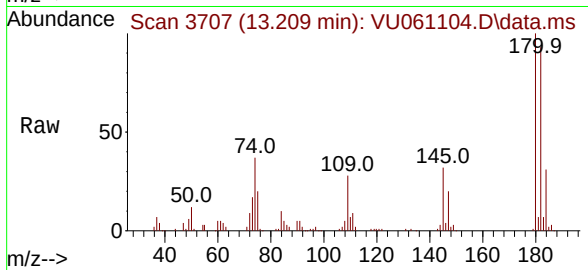
Ion Ratio Lower Upper

180 100

182 94.7 74.5 111.7

184 30.1 23.2 34.8

145 31.7 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 5.994 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU061104.D

Acq: 10 Oct 2024 21:11

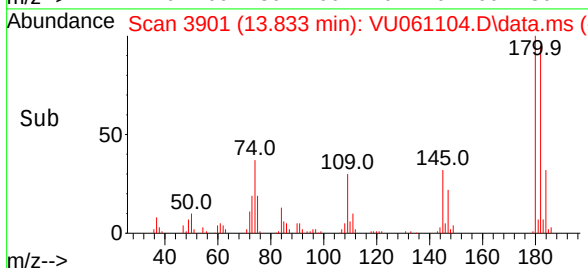
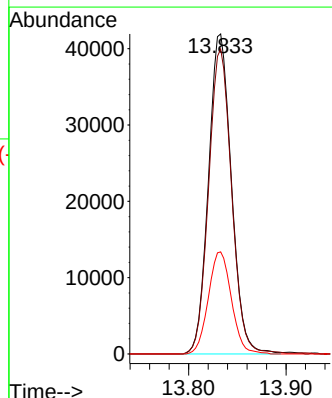
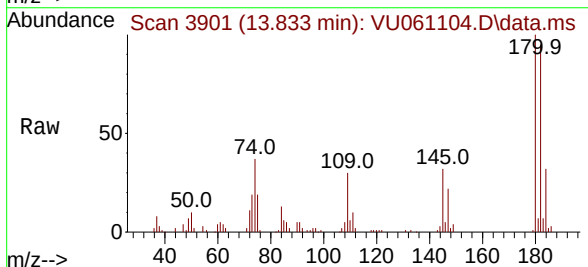
Tgt Ion:180 Resp: 68628

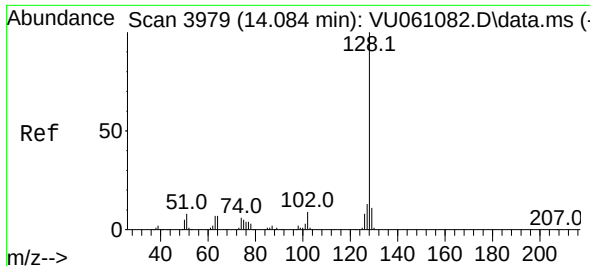
Ion Ratio Lower Upper

180 100

182 95.4 77.4 116.2

145 32.0 22.9 34.3

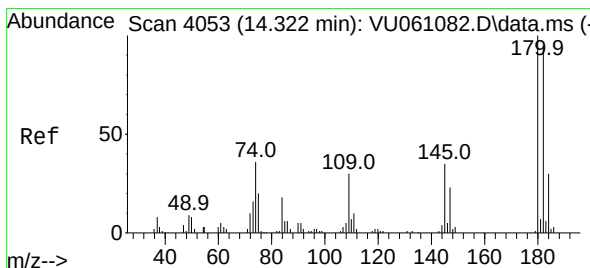
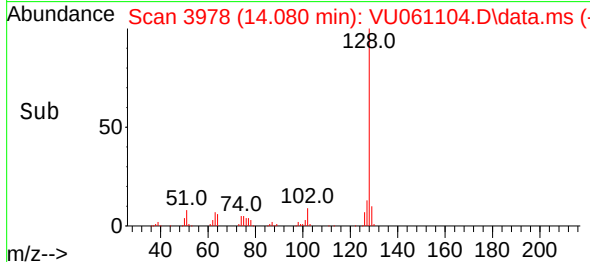
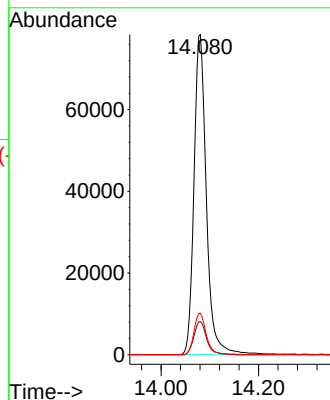
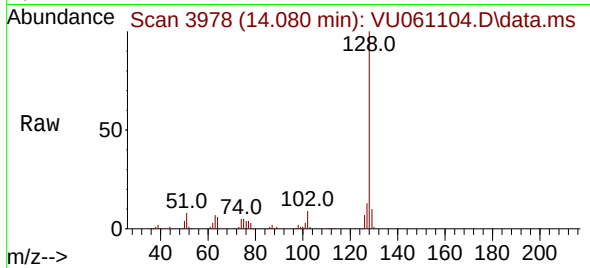




#71
Naphthalene
Concen: 7.412 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 138634
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 12.8 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 6.052 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061104.D
Acq: 10 Oct 2024 21:11

Tgt Ion:180 Resp: 57667
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 33.2 23.5 35.3

