

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061233.D
 Acq On : 25 Oct 2024 17:36
 Operator : MD/SY
 Sample : P4533-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 00:34:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	176466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47929	3.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.907	69	49711	4.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.560	65	21829	3.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.621	46	122246	44.844	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.680%
24) Chloroform-d	5.052	84	107508	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.692	65	53345	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.718	84	211159	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	64884	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	196962	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	25437	4.168	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.624	63	111094	44.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50889	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	66654	4.451	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	61933	4.700	ug/L	99
3) Chloromethane	1.515	50	61029	4.392	ug/L	99
5) Vinyl chloride	1.599	62	69862	4.573	ug/L	99
6) Bromomethane	1.853	94	51456	5.083	ug/L	97
8) Chloroethane	1.930	64	53346	4.743	ug/L	98
9) Trichlorofluoromethane	2.133	101	99808	4.810	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57736	4.686	ug/L	98
12) 1,1-Dichloroethene	2.573	96	54883	4.697	ug/L	92
13) Acetone	2.637	43	83659	48.454	ug/L	96
14) Carbon disulfide	2.785	76	176475	4.526	ug/L	99
15) Methyl Acetate	2.952	43	22280	5.211	ug/L	92
16) Methylene chloride	3.036	84	64591	4.691	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	163881	5.174	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	62231	4.816	ug/L	99
19) 1,1-Dichloroethane	3.859	63	119868	4.918	ug/L	98
21) 2-Butanone	4.702	43	142761	52.157	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	73833	5.002	ug/L	99
23) Bromochloromethane	4.965	128	32829	5.286	ug/L	96
25) Chloroform	5.078	83	124785	4.870	ug/L	99

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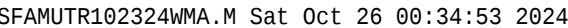
Instrument :
 MSVOA_U
 ClientSampleId :

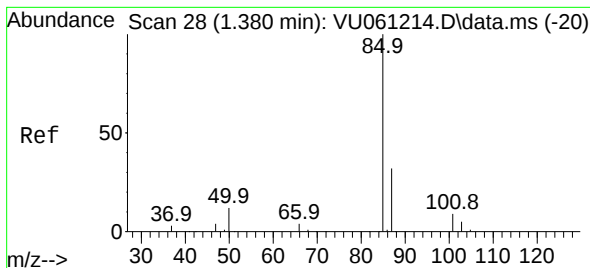
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	77696	4.798	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	108846	5.037	ug/L	99
30) Cyclohexane	5.377	56	104276	4.811	ug/L	97
31) Carbon tetrachloride	5.515	117	91383	4.942	ug/L	96
33) Benzene	5.766	78	272395	4.991	ug/L	100
34) Trichloroethene	6.534	95	72817	4.905	ug/L	99
35) Methylcyclohexane	6.753	83	113066	4.785	ug/L	98
37) 1,2-Dichloropropane	6.782	63	69647	5.035	ug/L	99
38) Bromodichloromethane	7.097	83	87835	5.017	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	105169	4.922	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	360360	52.341	ug/L	100
42) Toluene	7.962	91	296140	4.997	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	85051	4.886	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	50942	5.117	ug/L	98
47) Tetrachloroethene	8.544	164	51476	4.965	ug/L	99
48) 2-Hexanone	8.676	43	260339	53.474	ug/L	99
49) Dibromochloromethane	8.801	129	55586	4.923	ug/L	96
50) 1,2-Dibromoethane	8.917	107	49255	5.093	ug/L	96
51) Chlorobenzene	9.438	112	186124	4.969	ug/L	99
52) Ethylbenzene	9.563	91	321501	4.932	ug/L	99
53) m,p-Xylene	9.685	106	124263	5.003	ug/L	95
54) o-Xylene	10.094	106	120658	4.923	ug/L	99
55) Styrene	10.106	104	170060	4.328	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61749	5.148	ug/L	100
59) Bromoform	10.283	173	30565	4.882	ug/L	100
60) Isopropylbenzene	10.476	105	317621	4.916	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42600	5.057	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	257645	4.899	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	252136	4.850	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	135033	4.966	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	136297	4.917	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	127638	4.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8385	4.740	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	93663	5.025	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	77279	5.138	ug/L	99
71) Naphthalene	14.081	128	129425	5.453	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	66190	5.260	ug/L	97

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

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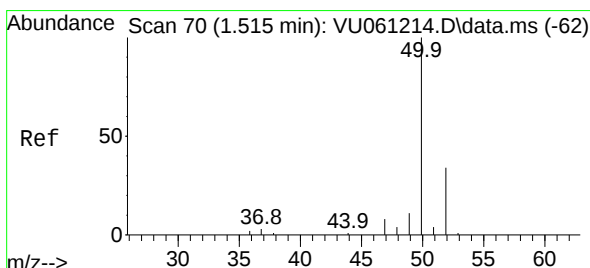
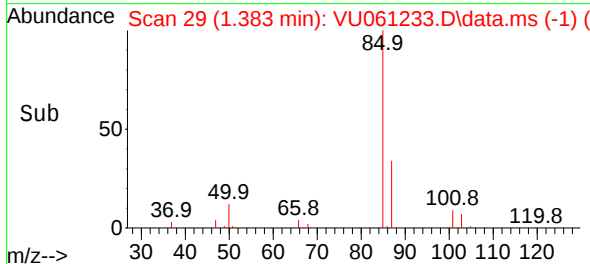
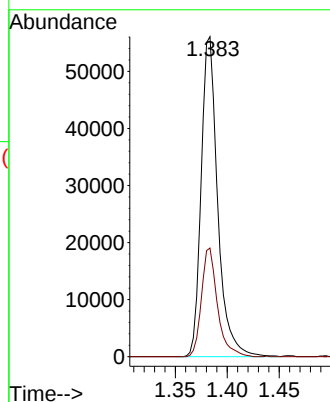
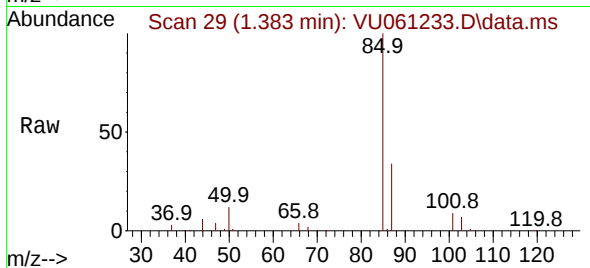




#2
 Dichlorodifluoromethane
 Concen: 4.700 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU061233.D
 Acq: 25 Oct 2024 17:36

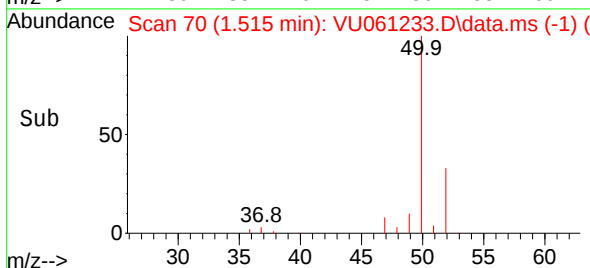
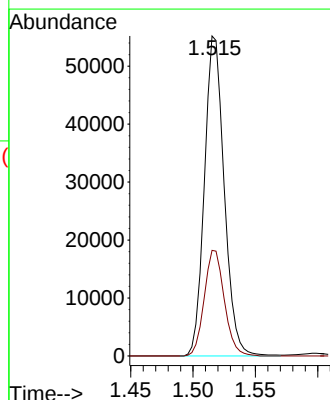
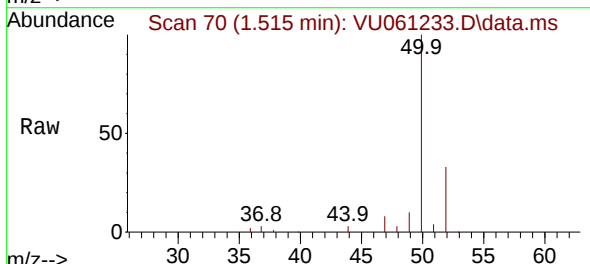
Instrument :
 MSVOA_U
 ClientSampleId :

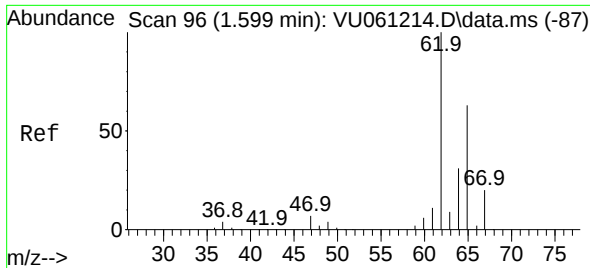
Tgt Ion: 85 Resp: 61933
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.7 38.5



#3
 Chloromethane
 Concen: 4.392 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061233.D
 Acq: 25 Oct 2024 17:36

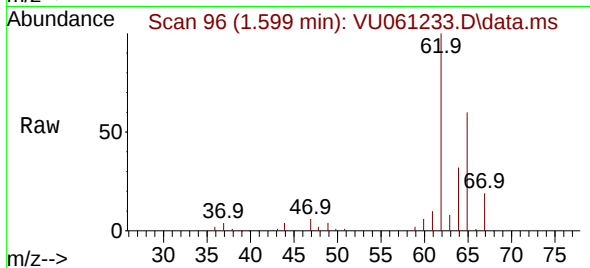
Tgt Ion: 50 Resp: 61029
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.4



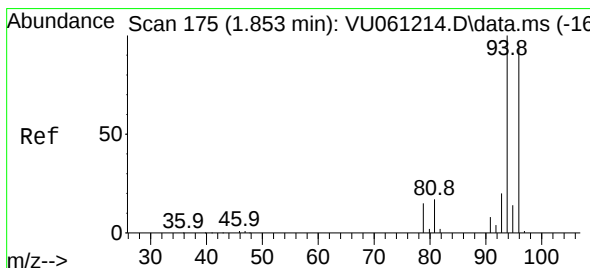
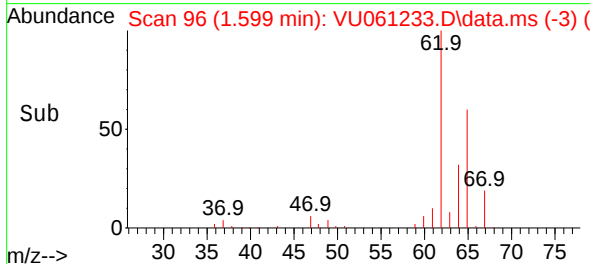
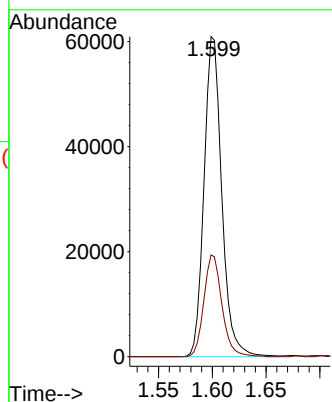


#5
 Vinyl chloride
 Concen: 4.573 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU061233.D
 Acq: 25 Oct 2024 17:36

Instrument :
 MSVOA_U
 ClientSampleId :

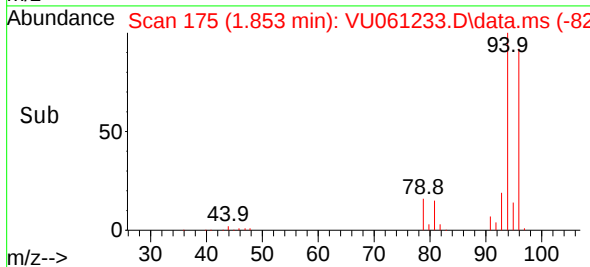
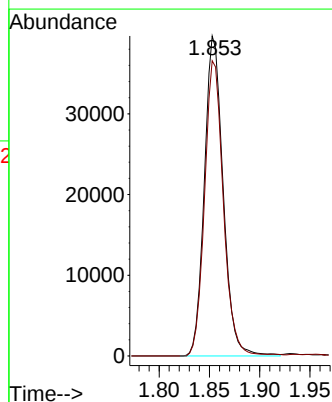
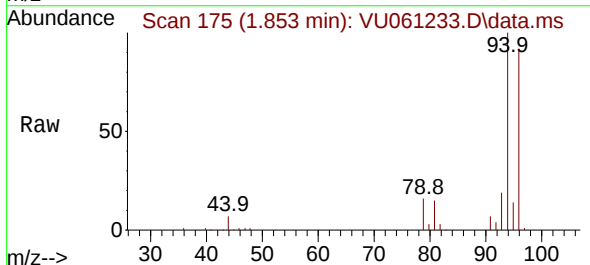


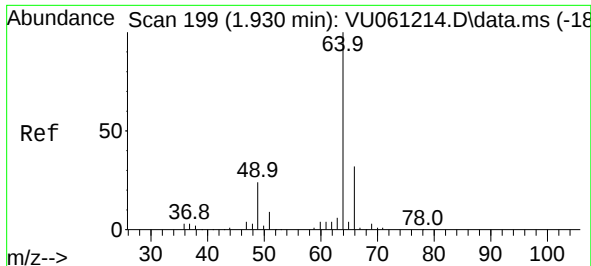
Tgt Ion: 62 Resp: 69862
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.6 42.0



#6
 Bromomethane
 Concen: 5.083 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061233.D
 Acq: 25 Oct 2024 17:36

Tgt Ion: 94 Resp: 51456
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.9 124.3

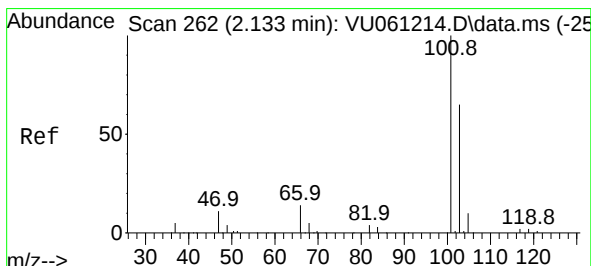
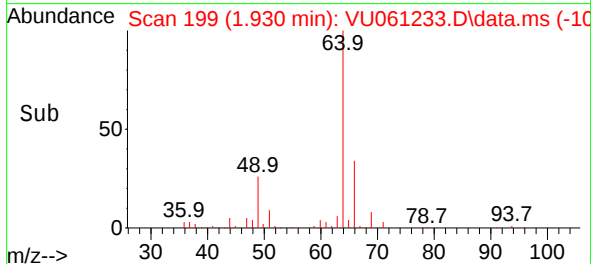
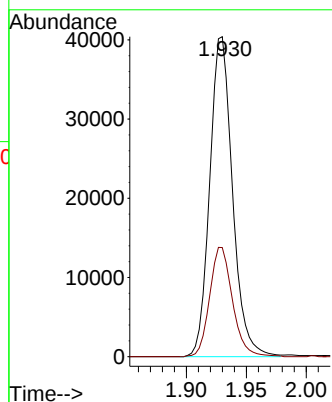
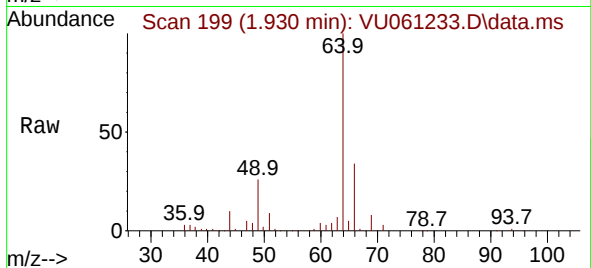




#8
Chloroethane
Concen: 4.743 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

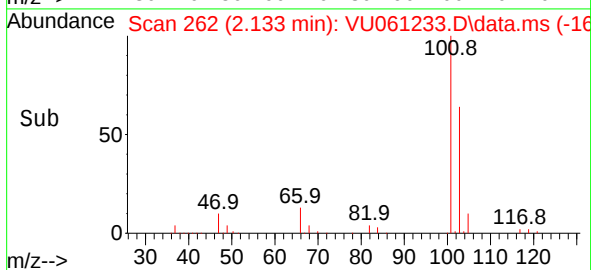
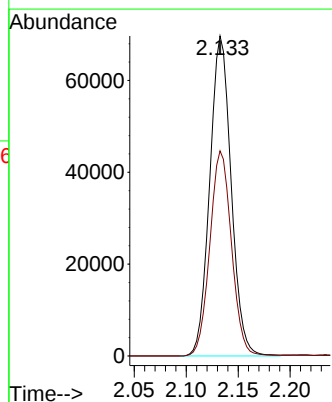
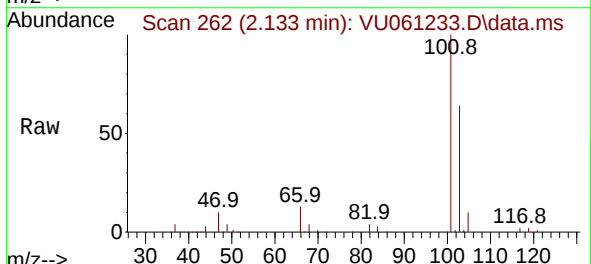
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MSVOA_U
ClientSampleId :

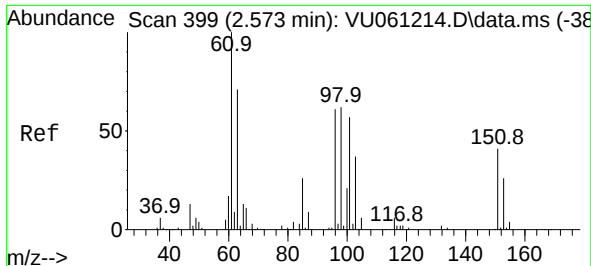
Tgt Ion: 64 Resp: 53346
Ion Ratio Lower Upper
64 100
66 34.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.810 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion:101 Resp: 99808
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8

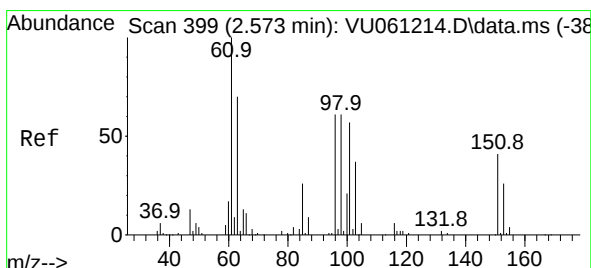
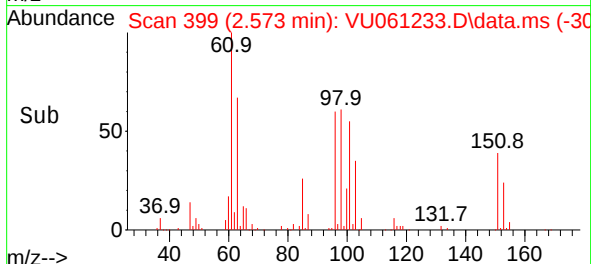
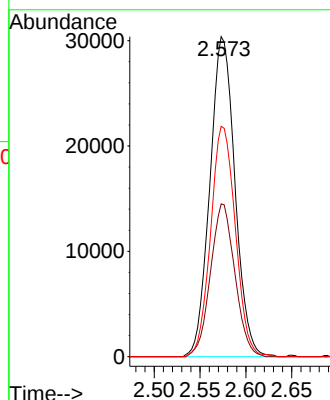
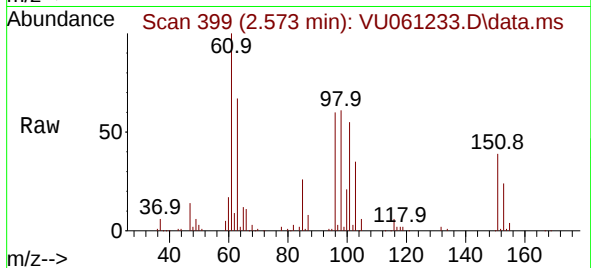




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.686 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

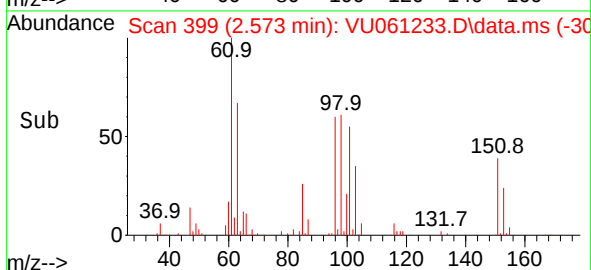
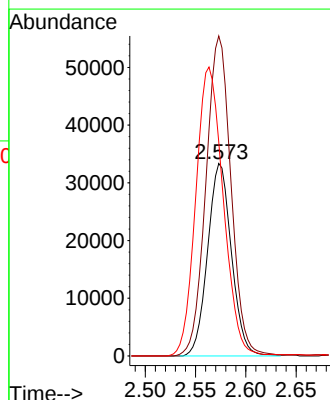
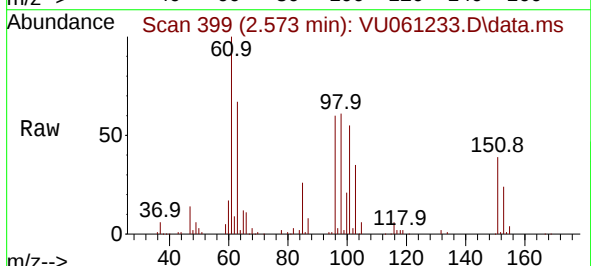
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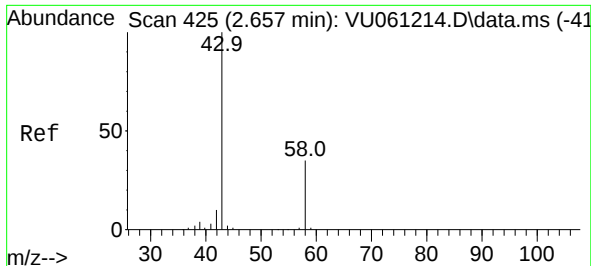
Tgt Ion:	101	Resp:	57736
Ion Ratio	Lower	Upper	
101	100		
85	46.5	35.6	53.4
151	71.0	55.9	83.9



#12
1,1-Dichloroethene
Concen: 4.697 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion:	96	Resp:	54883
Ion Ratio	Lower	Upper	
96	100		
61	166.2	119.1	221.1
63	111.2	89.4	166.0





#13

Acetone

Concen: 48.454 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.019 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

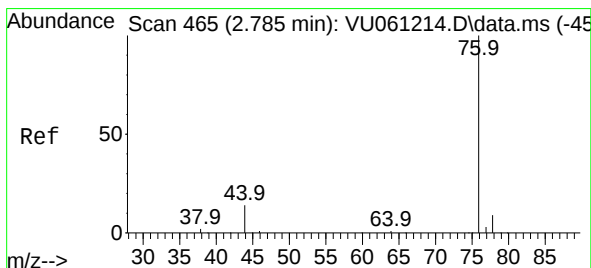
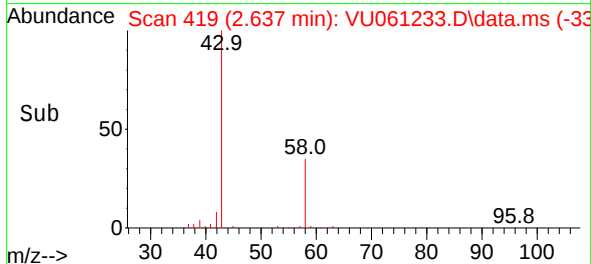
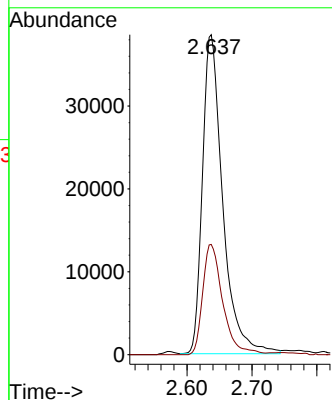
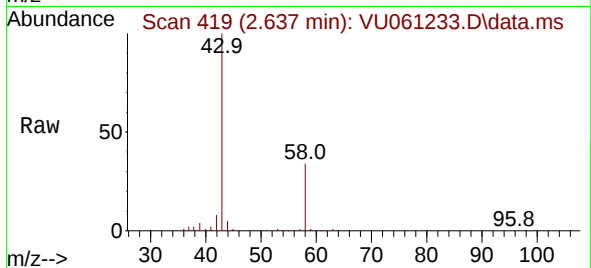
ClientSampleId :

Tgt Ion: 43 Resp: 83659

Ion Ratio Lower Upper

43 100

58 34.2 0.0 73.2



#14

Carbon disulfide

Concen: 4.526 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061233.D

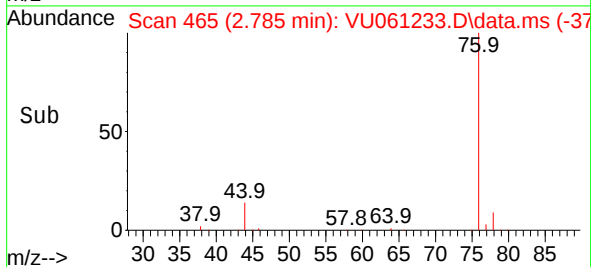
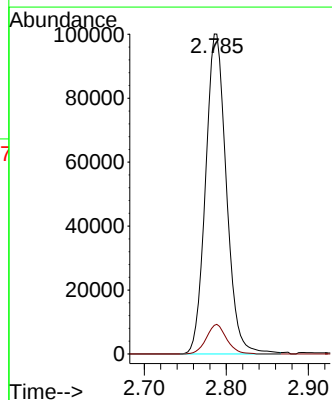
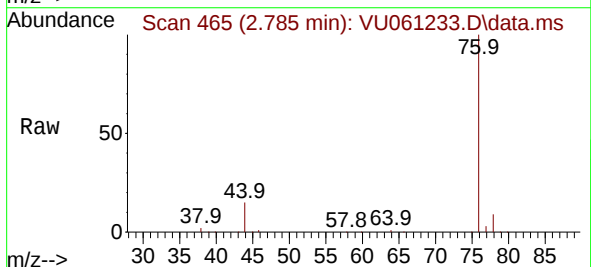
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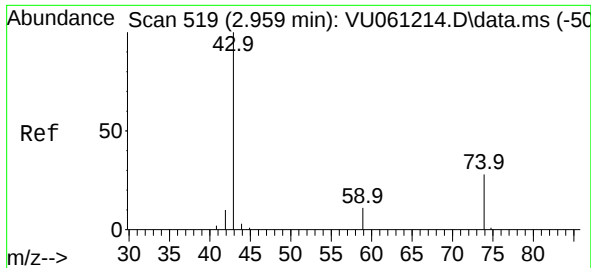
Tgt Ion: 76 Resp: 176475

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 5.211 ug/L

RT: 2.952 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

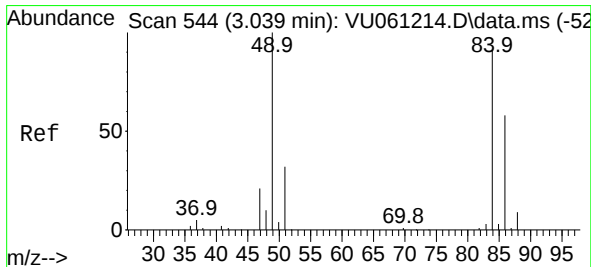
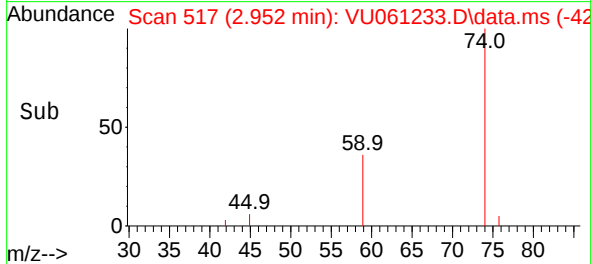
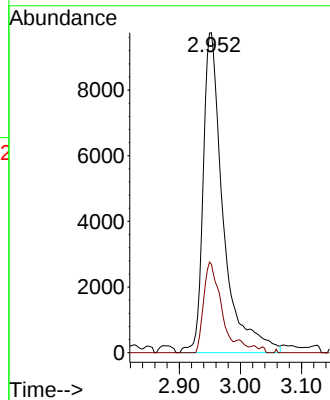
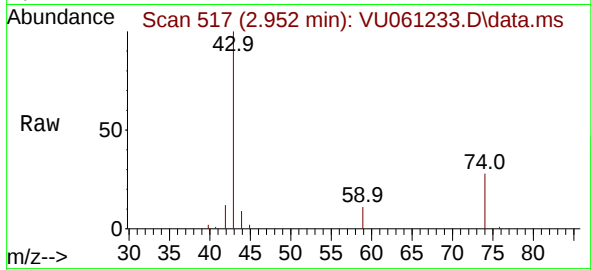
ClientSampleId :

Tgt Ion: 43 Resp: 22280

Ion Ratio Lower Upper

43 100

74 23.4 22.2 33.4



#16

Methylene chloride

Concen: 4.691 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

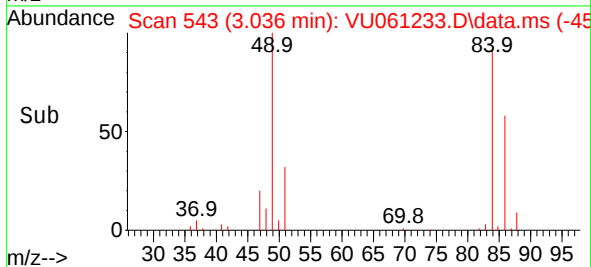
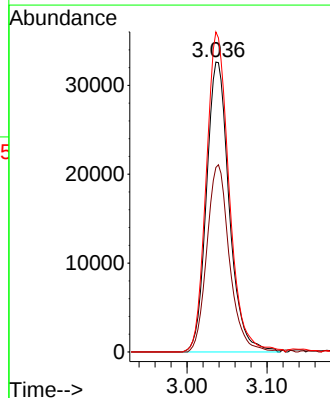
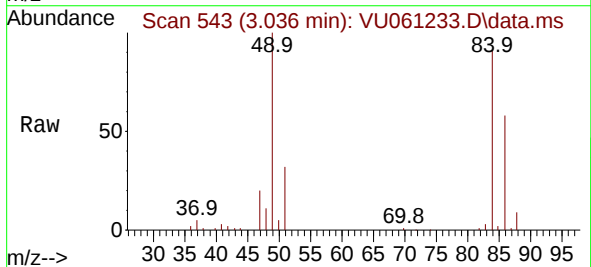
Tgt Ion: 84 Resp: 64591

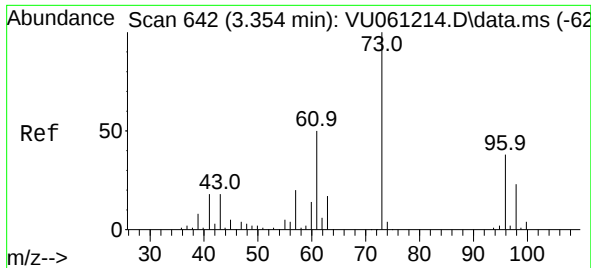
Ion Ratio Lower Upper

84 100

86 63.6 43.5 80.7

49 110.4 75.7 140.7

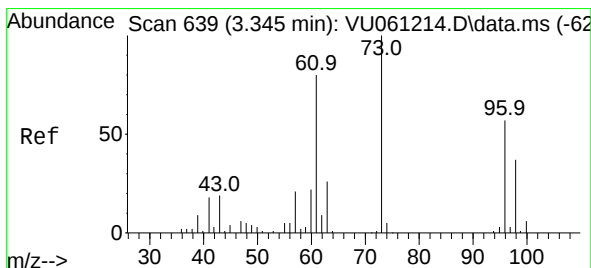
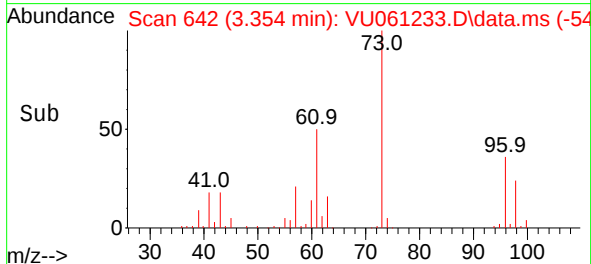
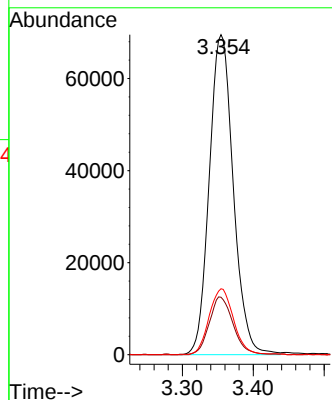
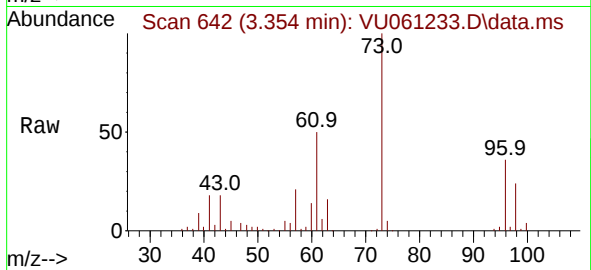




#17
Methyl tert-butyl Ether
Concen: 5.174 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

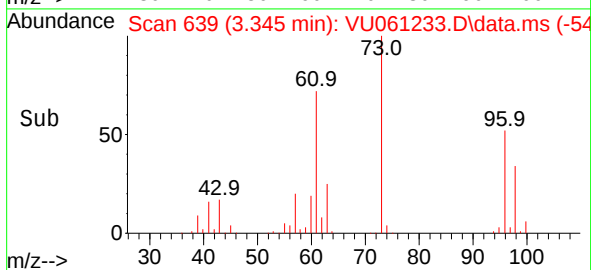
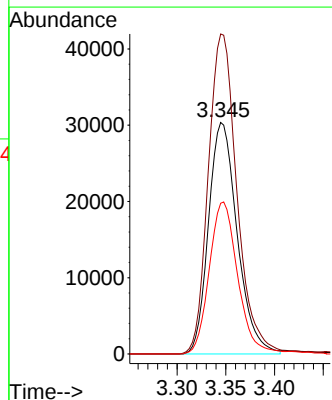
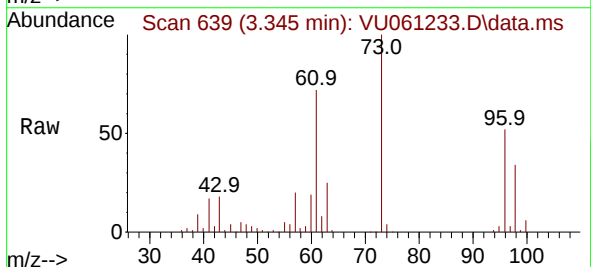
Instrument :
MSVOA_U
ClientSampleId :

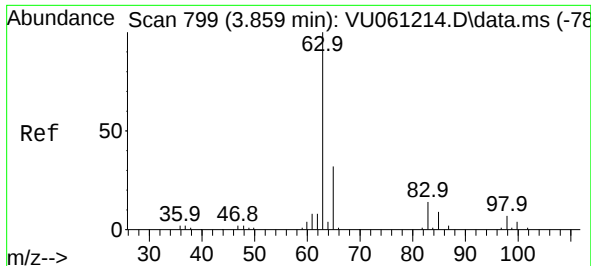
Tgt Ion: 73 Resp: 163881
Ion Ratio Lower Upper
73 100
43 18.1 15.0 22.4
57 20.9 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.816 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion: 96 Resp: 62231
Ion Ratio Lower Upper
96 100
61 138.2 97.9 181.7
98 65.1 46.2 85.8

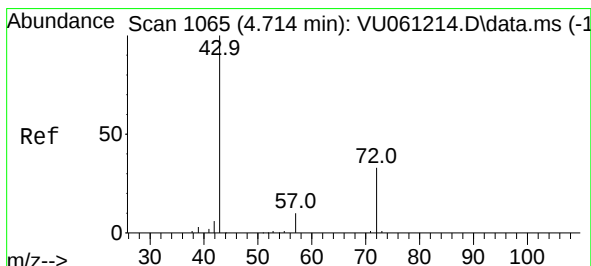
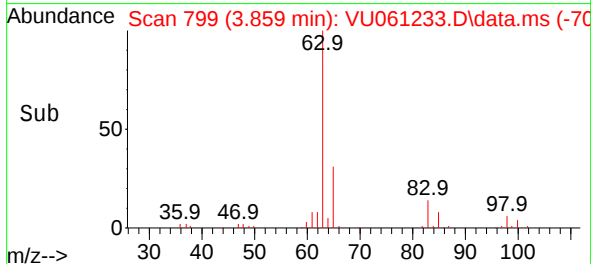
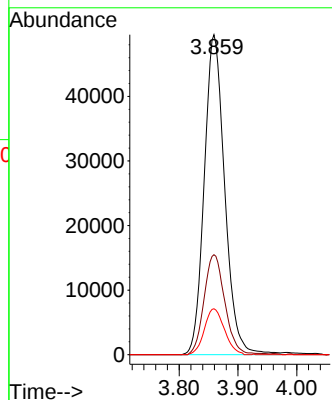
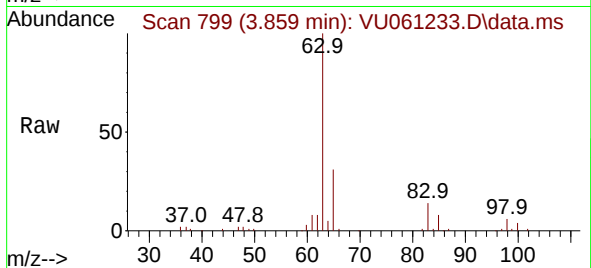




#19
1,1-Dichloroethane
Concen: 4.918 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

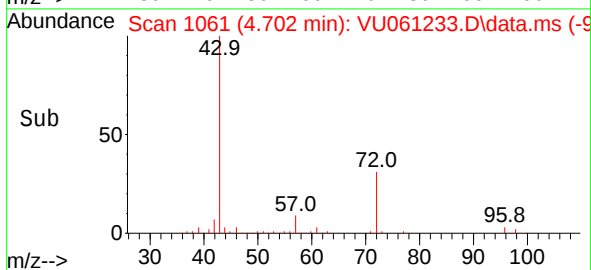
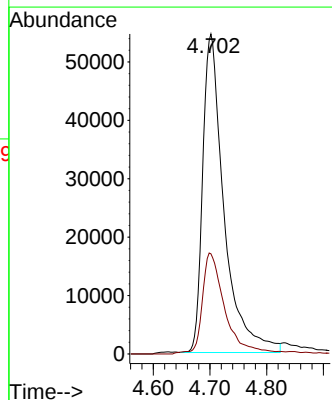
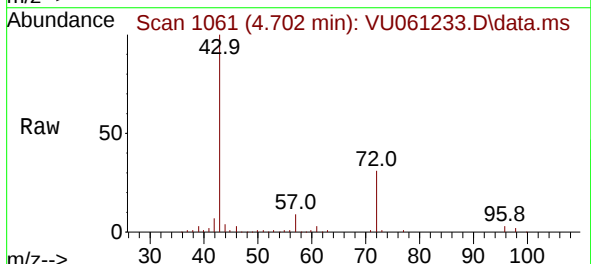
Instrument :
MSVOA_U
ClientSampleId :

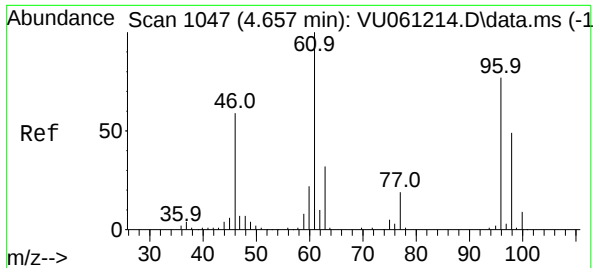
Tgt Ion:	63	Resp:	119868
Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.0	42.6
83	14.3	9.7	17.9



#21
2-Butanone
Concen: 52.157 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.013 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion:	43	Resp:	142761
Ion	Ratio	Lower	Upper
43	100		
72	33.1	15.9	47.6

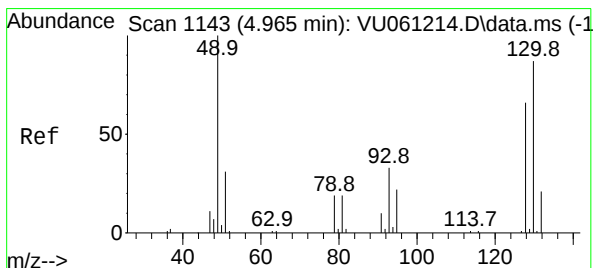
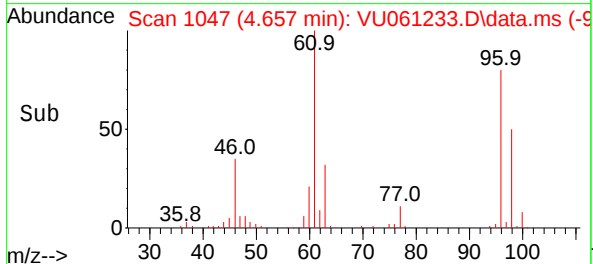
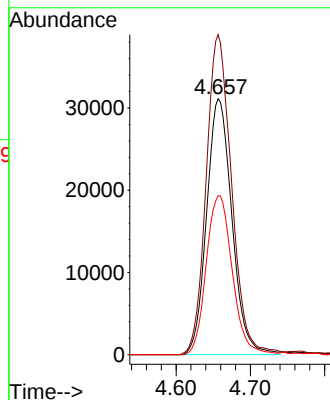
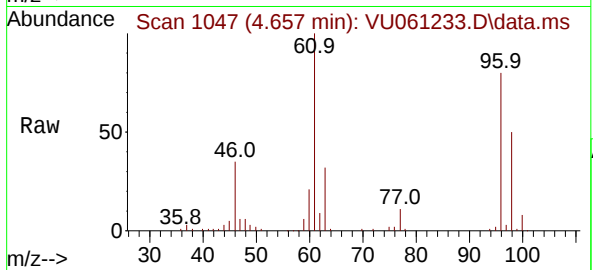




#22
 cis-1,2-Dichloroethene
 Concen: 5.002 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061233.D
 Acq: 25 Oct 2024 17:36

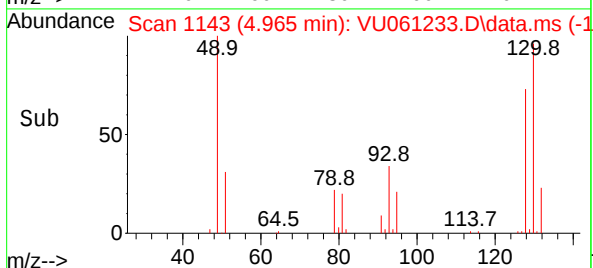
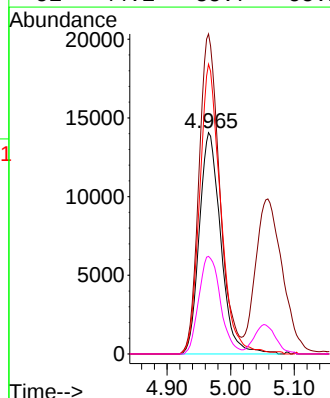
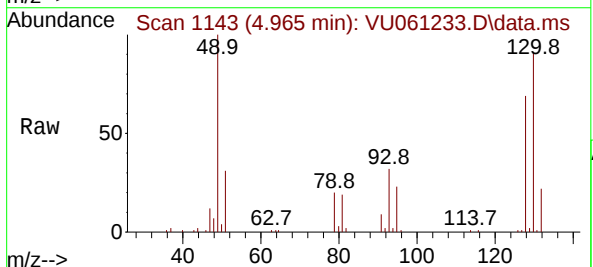
Instrument :
 MSVOA_U
 ClientSampleId :

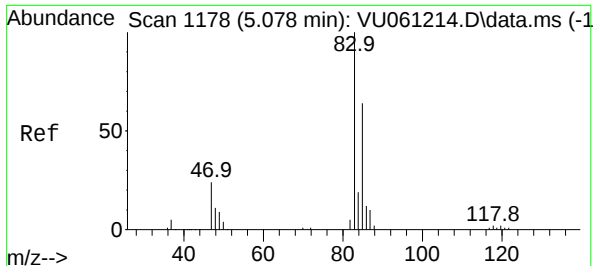
Tgt Ion: 96 Resp: 73833
 Ion Ratio Lower Upper
 96 100
 61 125.0 88.1 163.5
 98 62.2 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.286 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061233.D
 Acq: 25 Oct 2024 17:36

Tgt Ion:128 Resp: 32829
 Ion Ratio Lower Upper
 128 100
 49 144.6 105.1 195.1
 130 131.0 89.6 166.4
 51 44.1 38.7 58.1





#25

Chloroform

Concen: 4.870 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

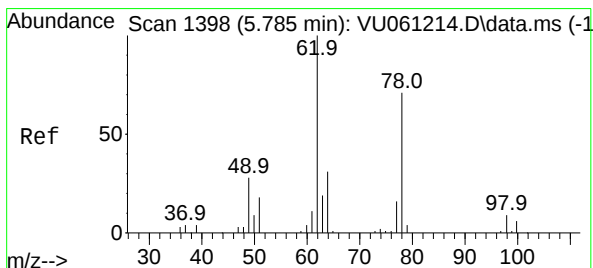
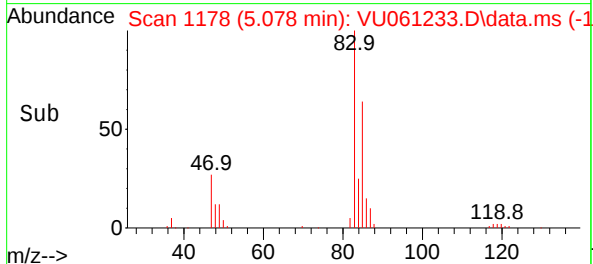
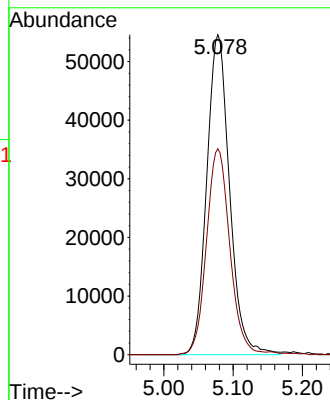
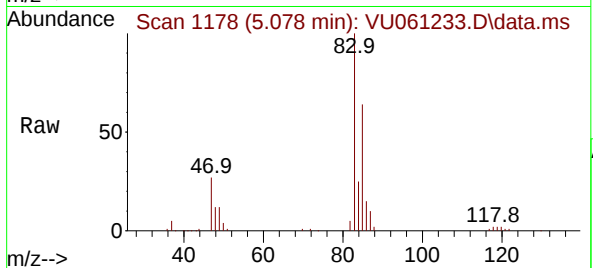
ClientSampleId :

Tgt Ion: 83 Resp: 124785

Ion Ratio Lower Upper

83 100

85 64.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.798 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061233.D

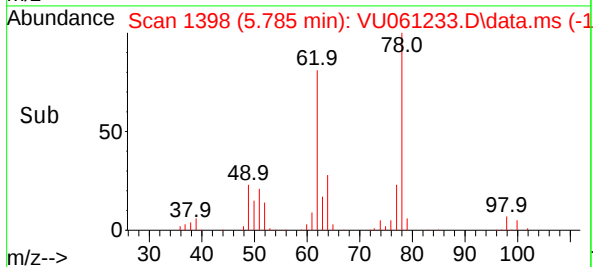
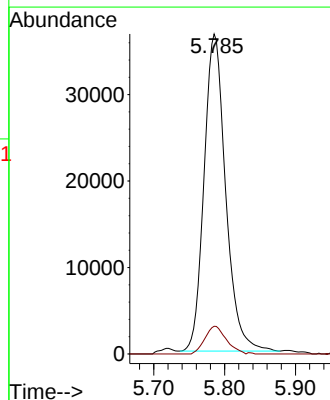
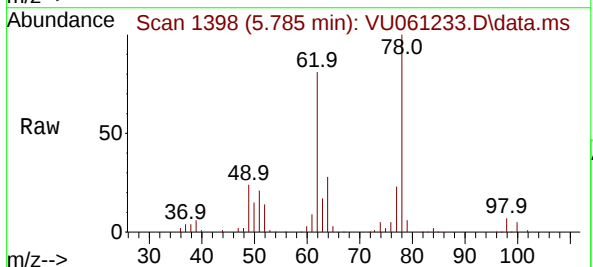
Acq: 25 Oct 2024 17:36

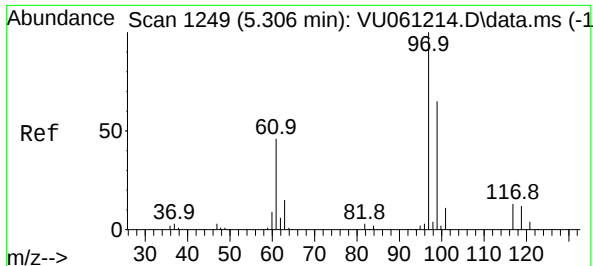
Tgt Ion: 62 Resp: 77696

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0

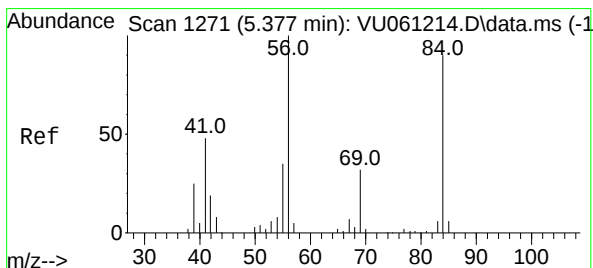
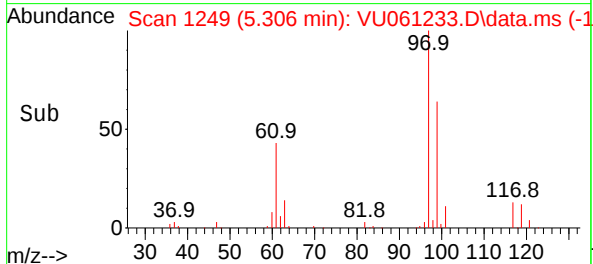
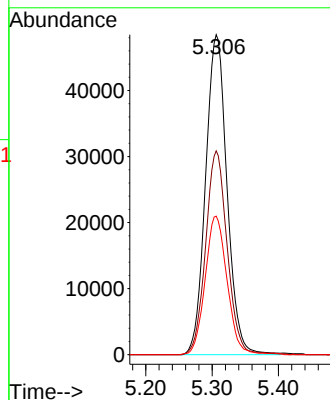
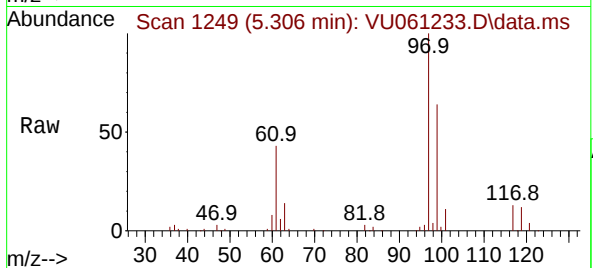




#29
1,1,1-Trichloroethane
Concen: 5.037 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

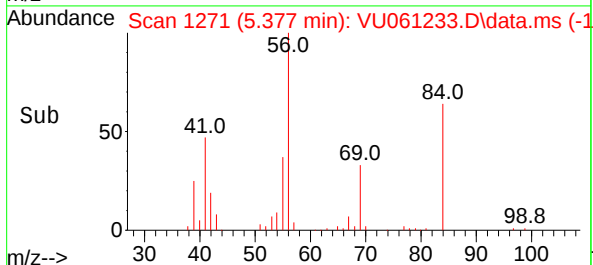
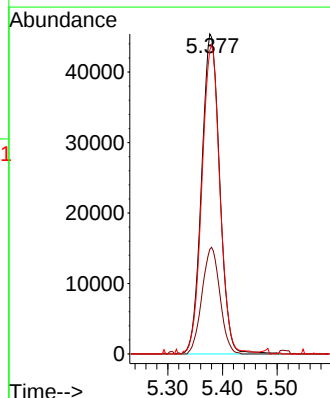
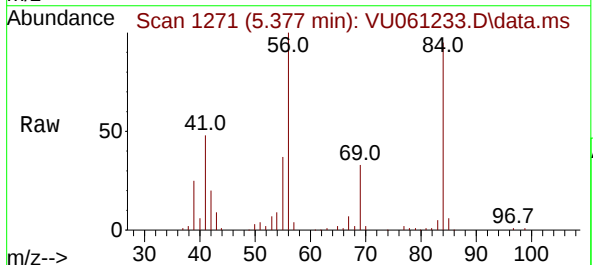
Instrument :
MSVOA_U
ClientSampleId :

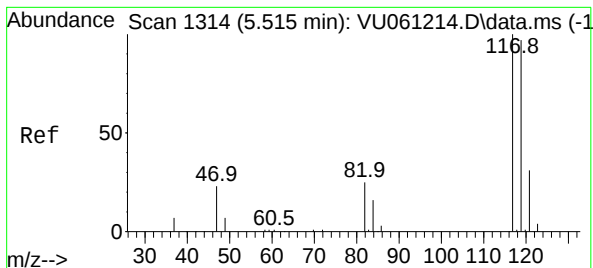
Tgt Ion: 97 Resp: 108846
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 44.3 36.1 54.1



#30
Cyclohexane
Concen: 4.811 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion: 56 Resp: 104276
Ion Ratio Lower Upper
56 100
69 33.0 25.8 38.6
84 96.1 73.9 110.9





#31

Carbon tetrachloride

Concen: 4.942 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

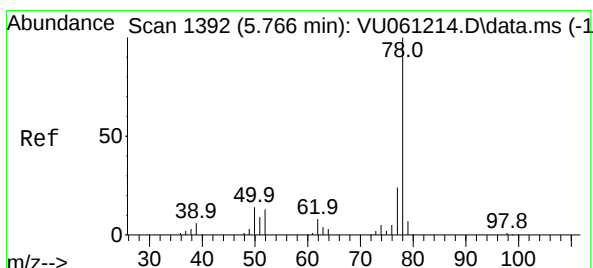
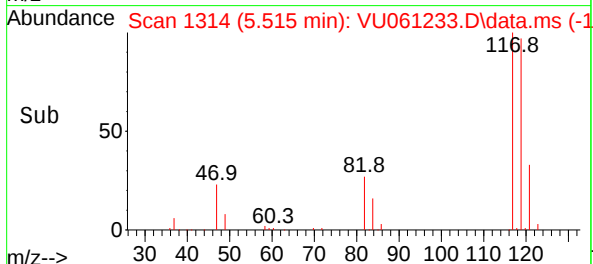
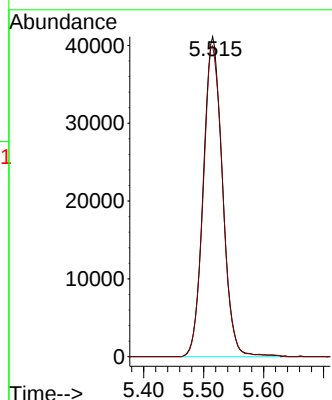
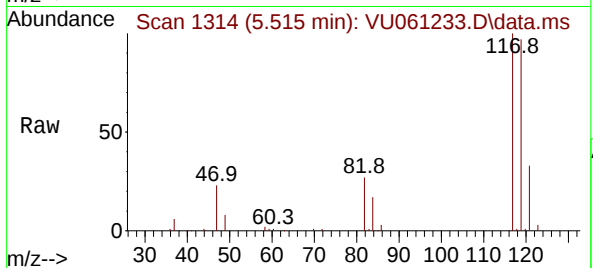
ClientSampleId :

Tgt Ion:117 Resp: 91383

Ion Ratio Lower Upper

117 100

119 97.9 75.5 113.3



#33

Benzene

Concen: 4.991 ug/L

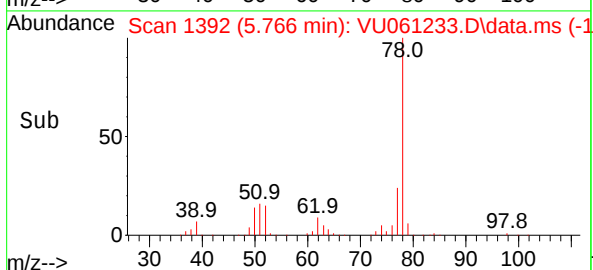
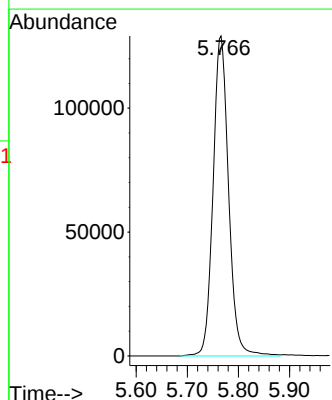
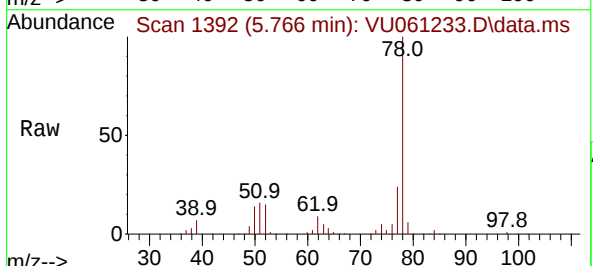
RT: 5.766 min Scan# 1392

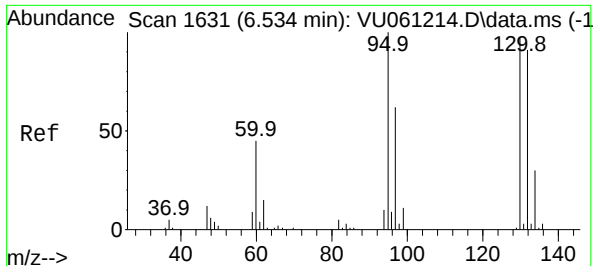
Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Tgt Ion: 78 Resp: 272395





#34

Trichloroethene

Concen: 4.905 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 72817

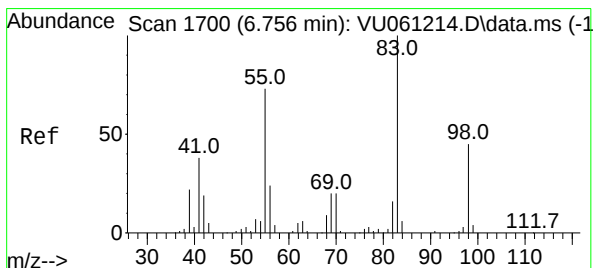
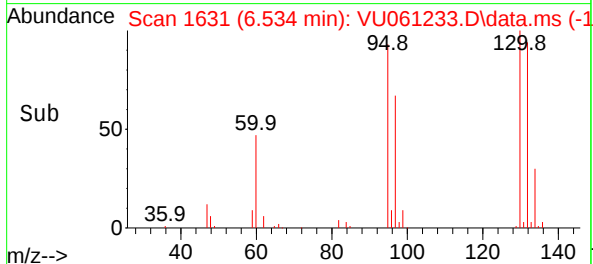
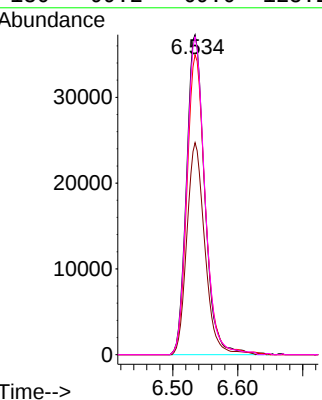
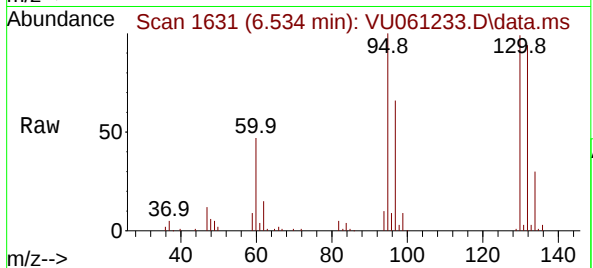
Ion Ratio Lower Upper

95 100

97 66.2 46.1 85.7

132 93.7 66.1 122.7

130 99.2 69.0 128.2



#35

Methylcyclohexane

Concen: 4.785 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

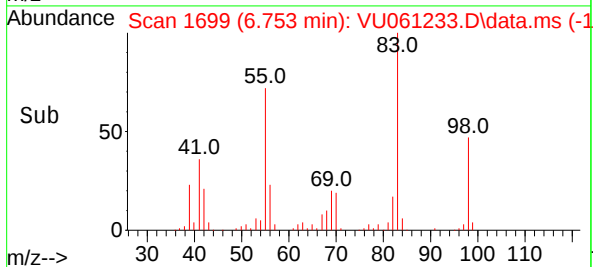
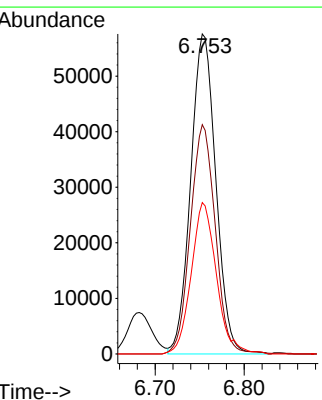
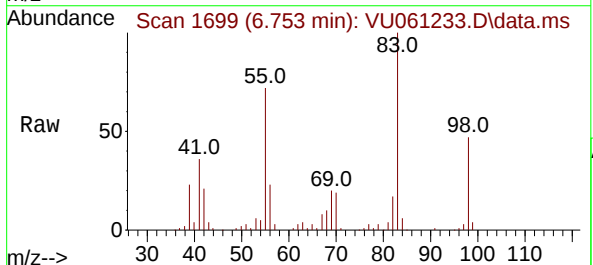
Tgt Ion: 83 Resp: 113066

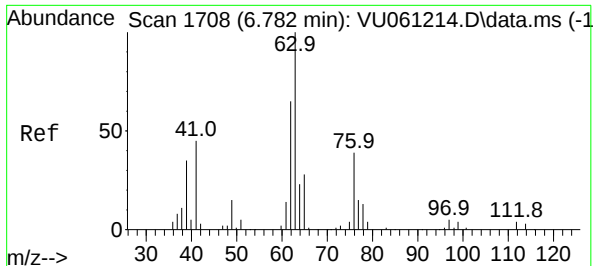
Ion Ratio Lower Upper

83 100

55 70.9 55.9 83.9

98 47.4 35.9 53.9

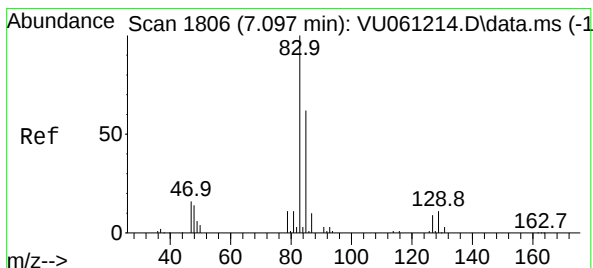
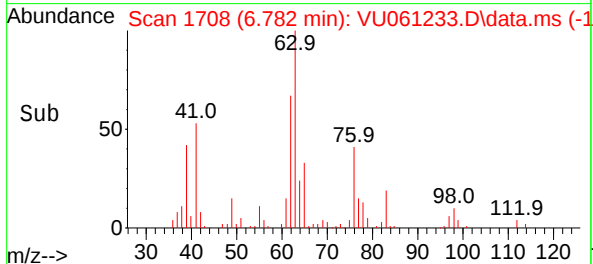
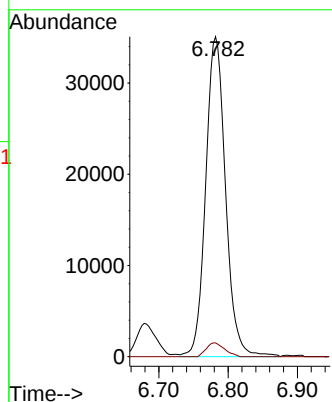
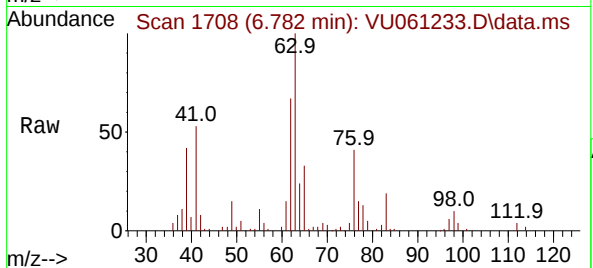




#37
1,2-Dichloropropane
Concen: 5.035 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

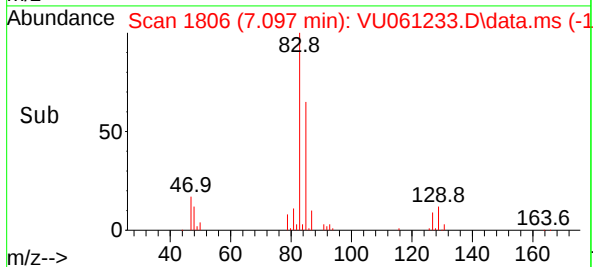
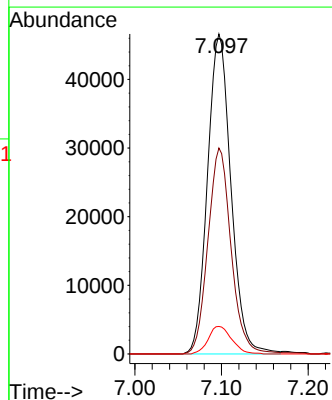
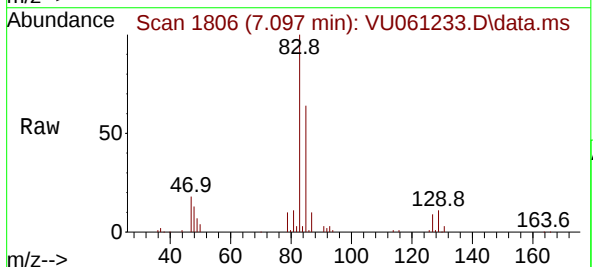
Instrument :
MSVOA_U
ClientSampleId :

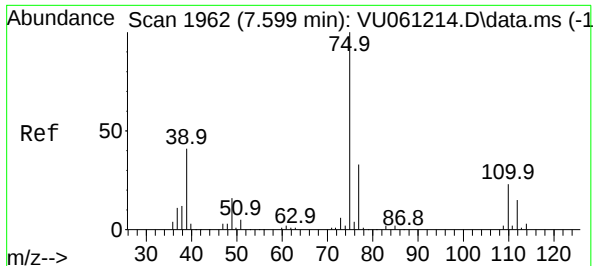
Tgt Ion: 63 Resp: 69647
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 5.017 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion: 83 Resp: 87835
Ion Ratio Lower Upper
83 100
85 64.3 43.8 81.4
127 8.6 7.4 11.0

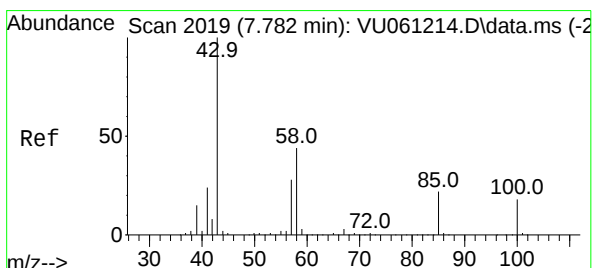
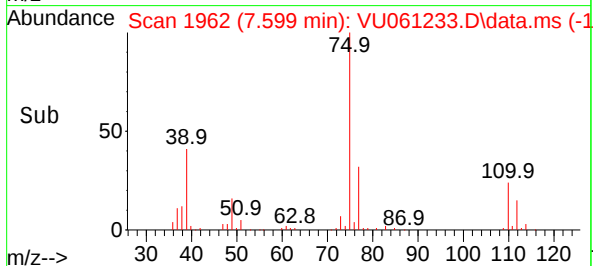
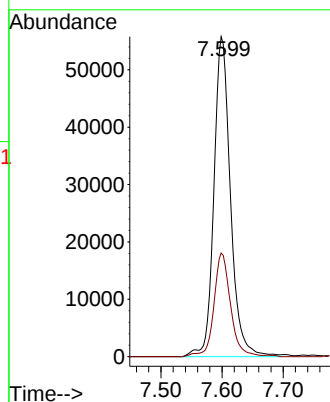
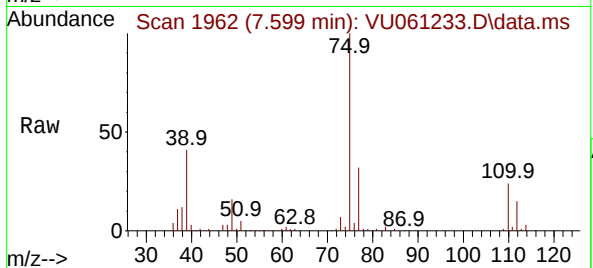




#39
 cis-1,3-Dichloropropene
 Concen: 4.922 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061233.D
 Acq: 25 Oct 2024 17:36

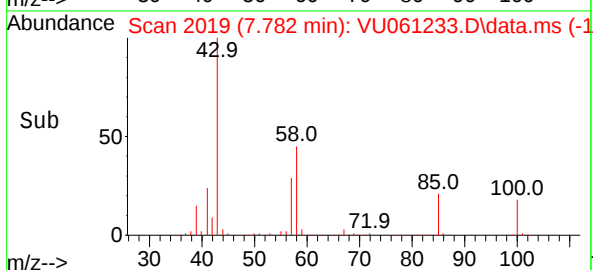
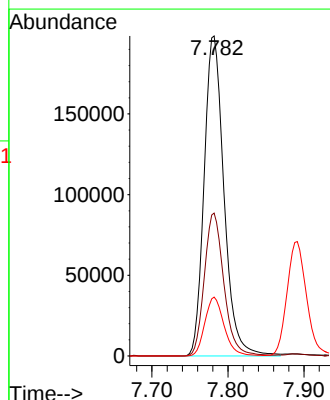
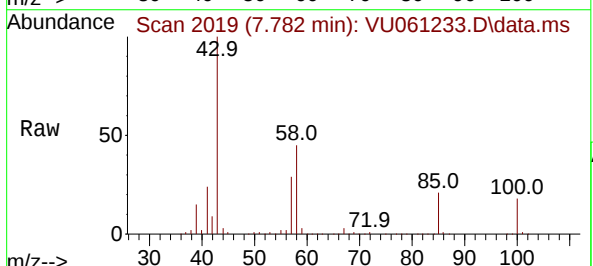
Instrument :
 MSVOA_U
 ClientSampleId :

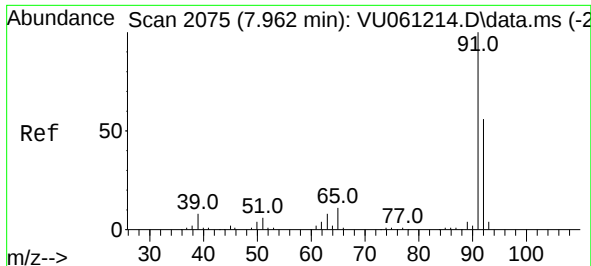
Tgt Ion: 75 Resp: 105169
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 52.341 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061233.D
 Acq: 25 Oct 2024 17:36

Tgt Ion: 43 Resp: 360360
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.1 52.7
 100 17.9 14.0 21.0





#42

Toluene

Concen: 4.997 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

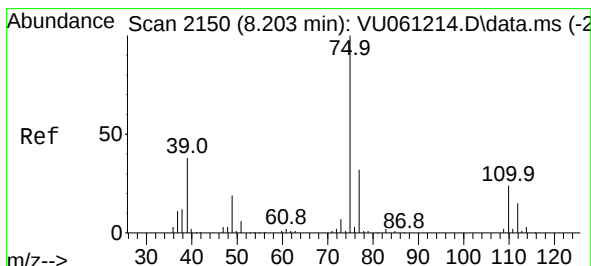
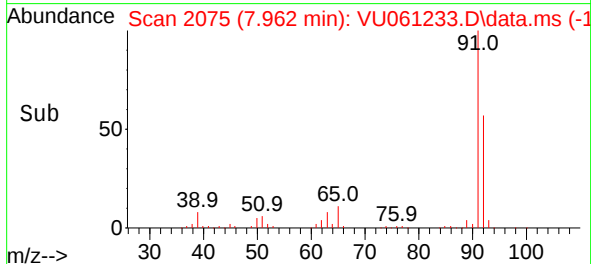
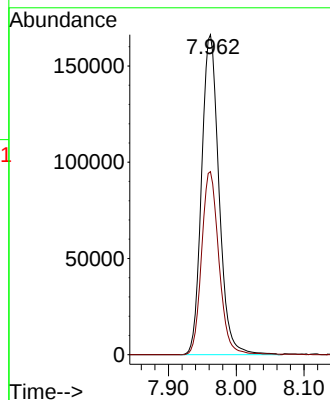
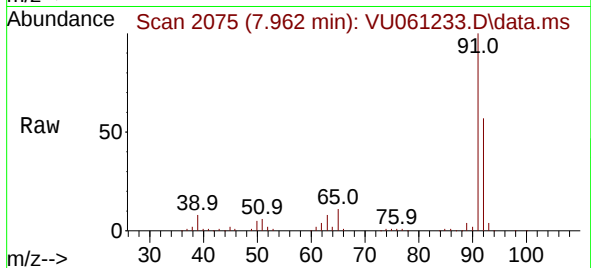
ClientSampleId :

Tgt Ion: 91 Resp: 296140

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.886 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061233.D

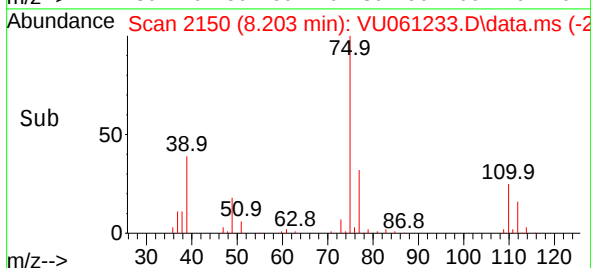
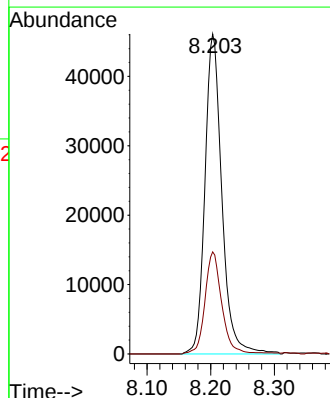
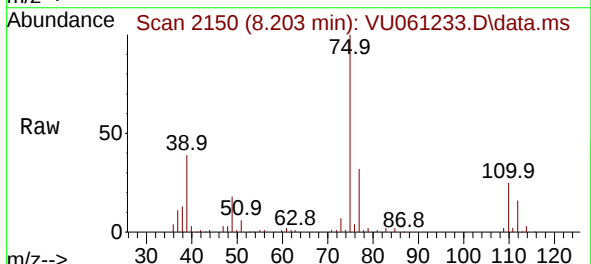
Acq: 25 Oct 2024 17:36

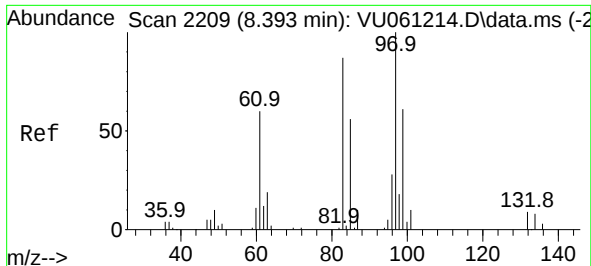
Tgt Ion: 75 Resp: 85051

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8

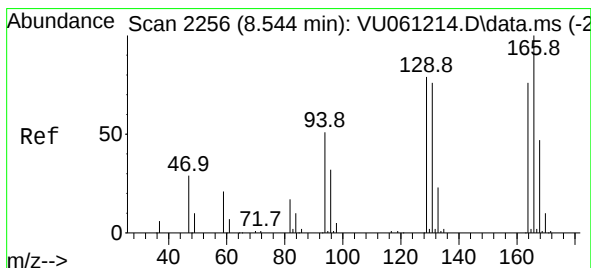
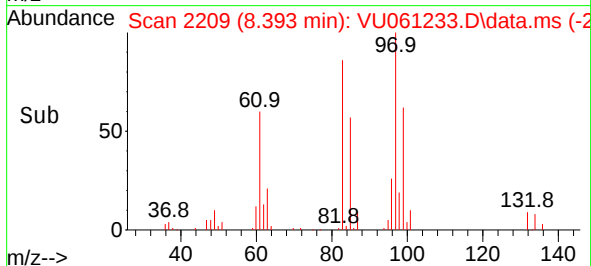
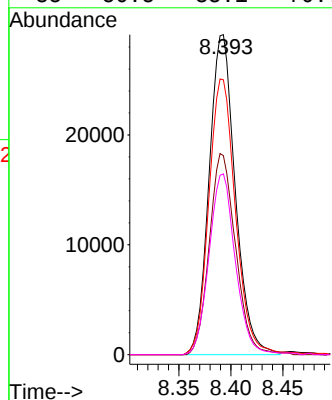
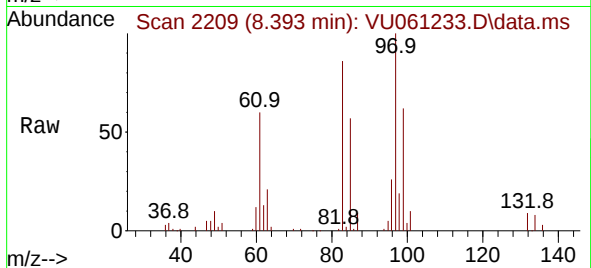




#45
1,1,2-Trichloroethane
Concen: 5.117 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

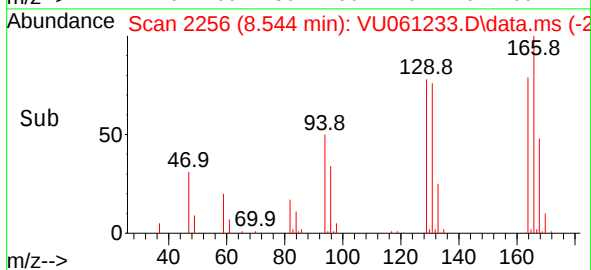
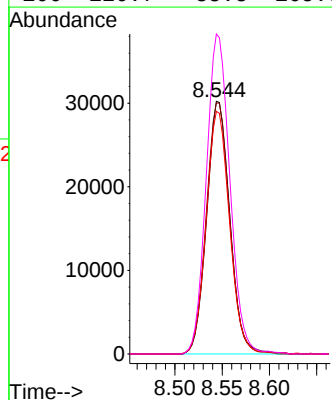
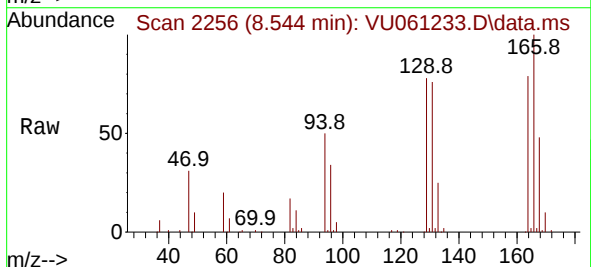
Instrument :
MSVOA_U
ClientSampleId :

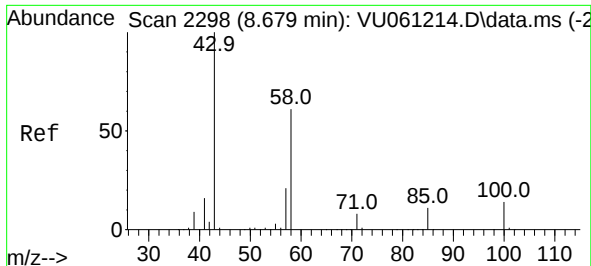
Tgt Ion:	97	Resp:	50942
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.1	81.9
83	85.9	61.2	113.6
85	56.5	38.1	70.7



#47
Tetrachloroethene
Concen: 4.965 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

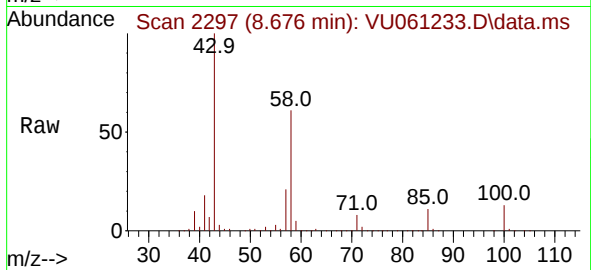
Tgt Ion:	164	Resp:	51476
Ion	Ratio	Lower	Upper
164	100		
129	99.4	69.9	129.7
131	96.1	68.3	126.8
166	126.7	88.8	165.0



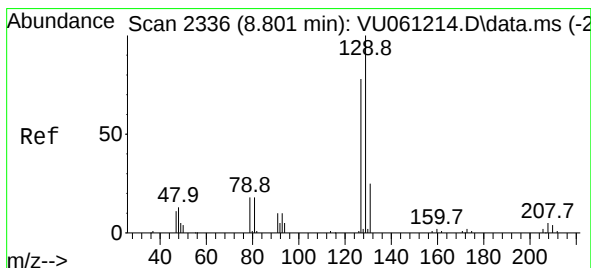
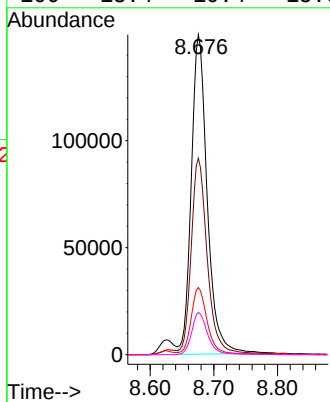
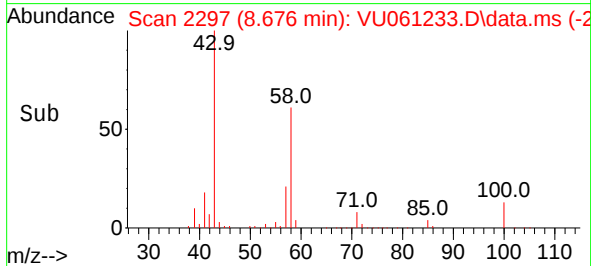


#48
2-Hexanone
Concen: 53.474 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Instrument :
MSVOA_U
ClientSampleId :

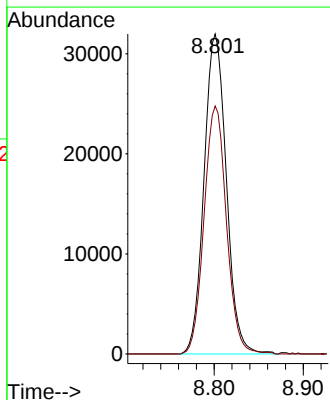
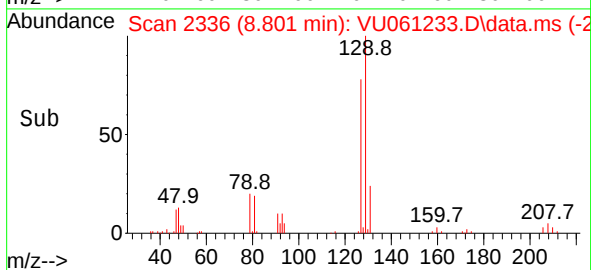
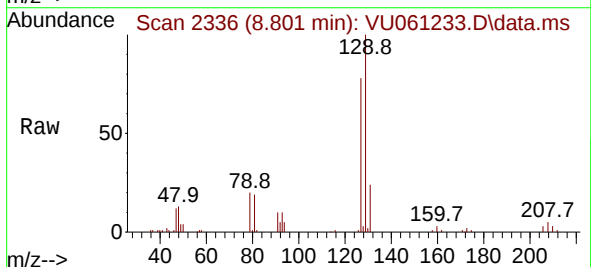


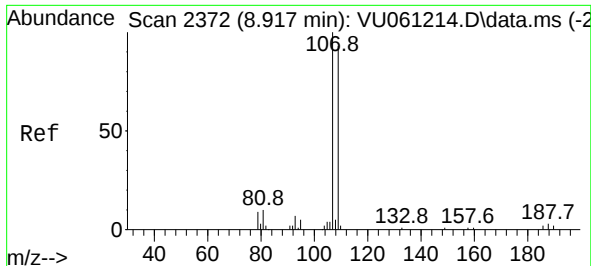
Tgt Ion: 43 Resp: 260339
Ion Ratio Lower Upper
43 100
58 61.8 48.6 72.8
57 20.6 17.0 25.6
100 13.4 10.4 15.6



#49
Dibromochloromethane
Concen: 4.923 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion: 129 Resp: 55586
Ion Ratio Lower Upper
129 100
127 77.5 51.8 96.2

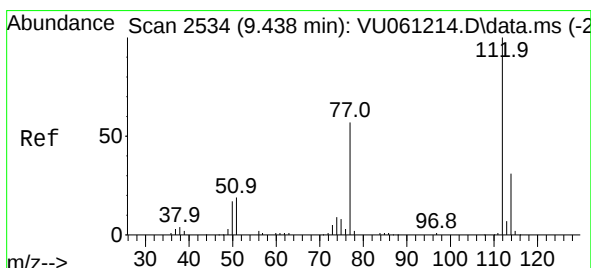
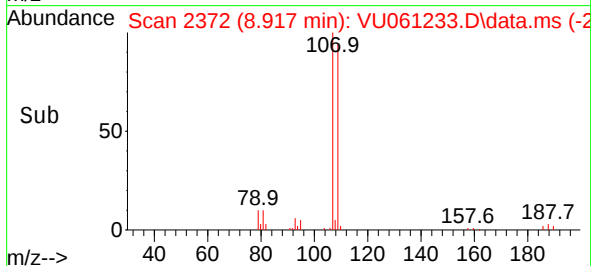
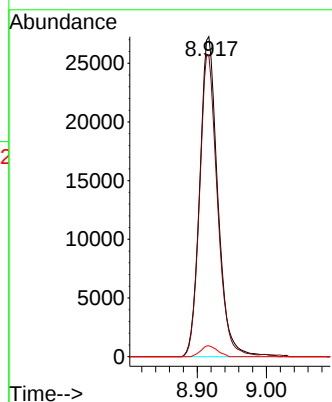
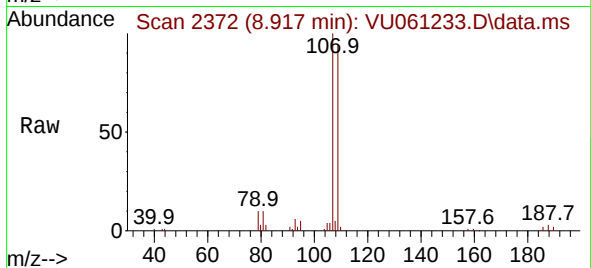




#50
1,2-Dibromoethane
Concen: 5.093 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

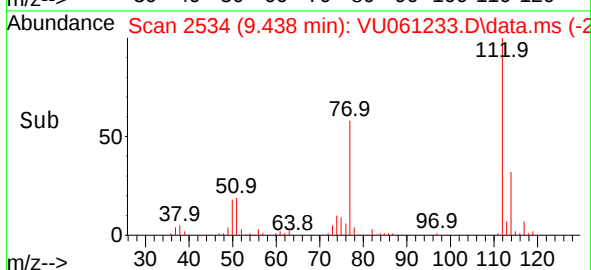
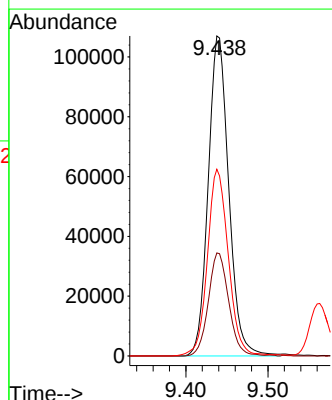
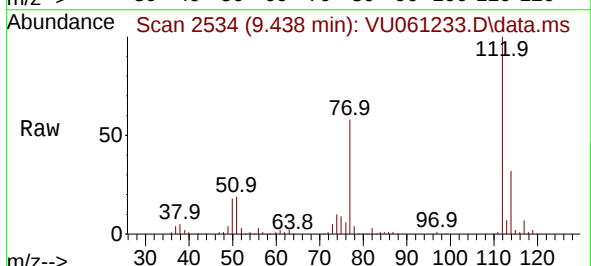
Instrument :
MSVOA_U
ClientSampleId :

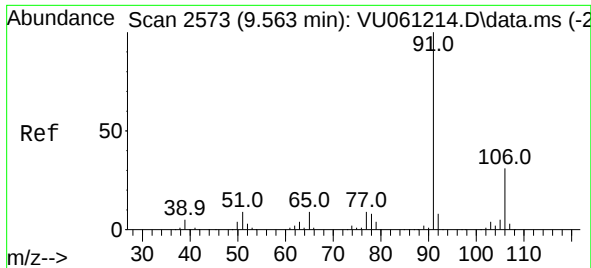
Tgt Ion:107 Resp: 49255
Ion Ratio Lower Upper
107 100
109 94.2 63.4 117.8
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 4.969 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion:112 Resp: 186124
Ion Ratio Lower Upper
112 100
114 32.2 22.9 42.5
77 58.4 47.1 70.7





#52

Ethylbenzene

Concen: 4.932 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

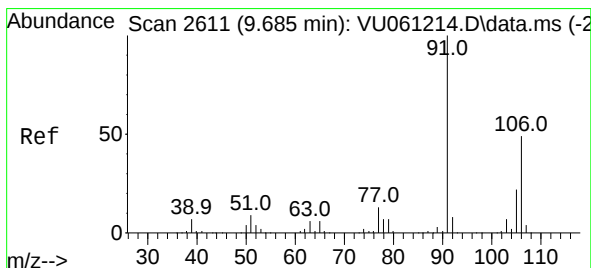
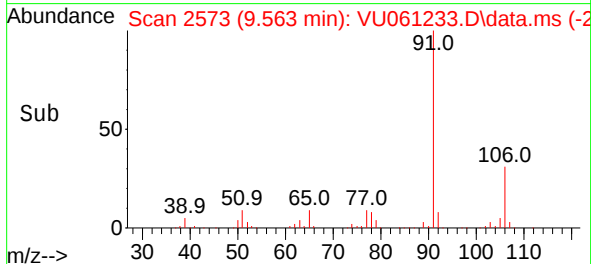
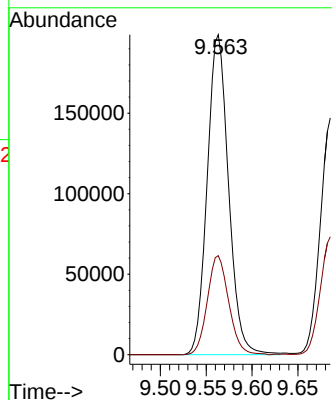
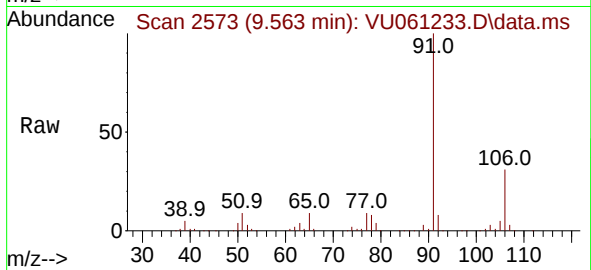
ClientSampleId :

Tgt Ion: 91 Resp: 321501

Ion Ratio Lower Upper

91 100

106 31.0 22.0 41.0



#53

m,p-Xylene

Concen: 5.003 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061233.D

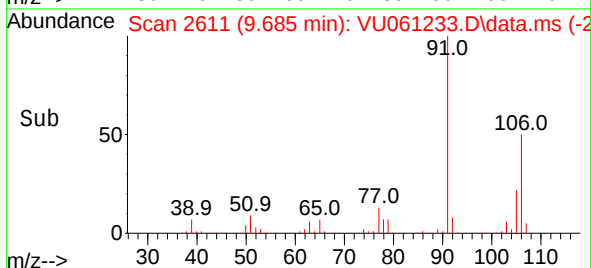
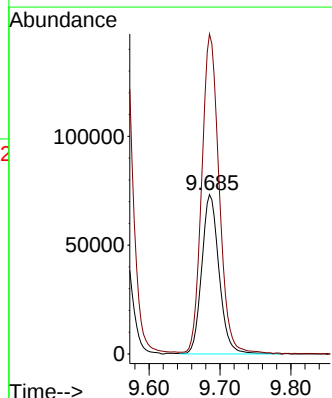
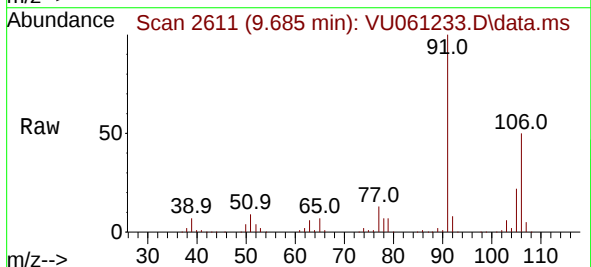
Acq: 25 Oct 2024 17:36

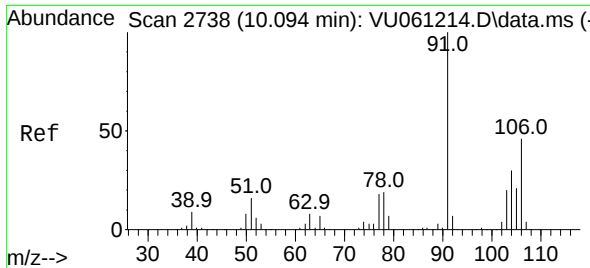
Tgt Ion:106 Resp: 124263

Ion Ratio Lower Upper

106 100

91 200.8 145.7 270.7

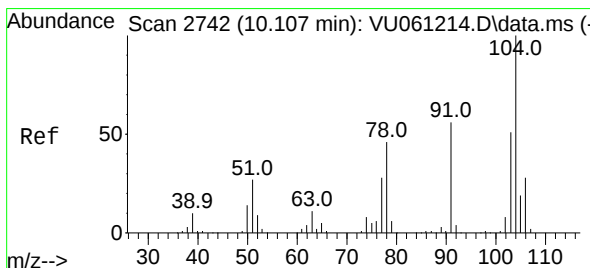
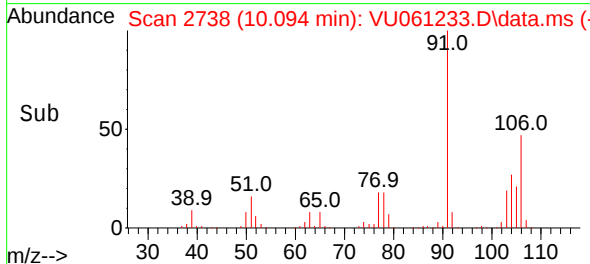
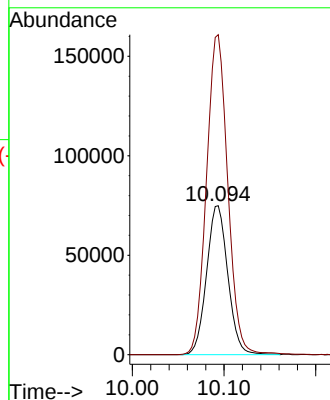
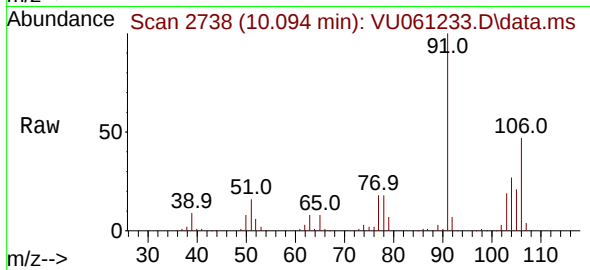




#54
o-Xylene
Concen: 4.923 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

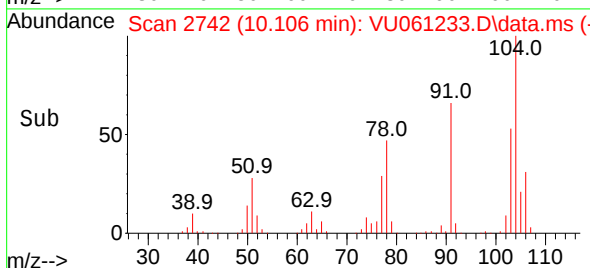
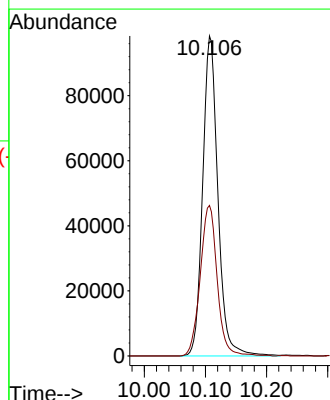
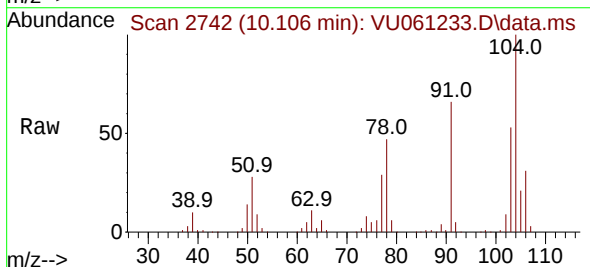
Instrument :
MSVOA_U
ClientSampleId :

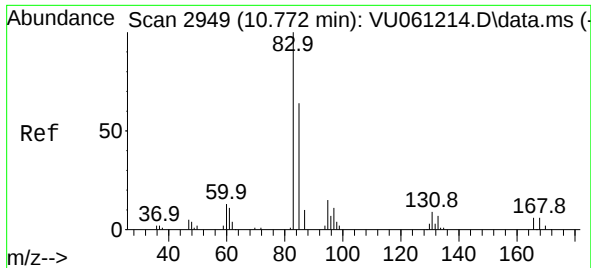
Tgt Ion:106 Resp: 120658
Ion Ratio Lower Upper
106 100
91 214.9 148.8 276.4



#55
Styrene
Concen: 4.328 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion:104 Resp: 170060
Ion Ratio Lower Upper
104 100
78 47.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.148 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

ClientSampleId :

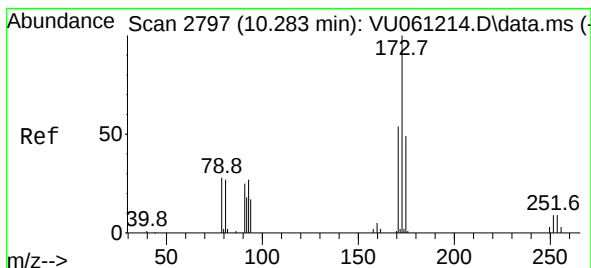
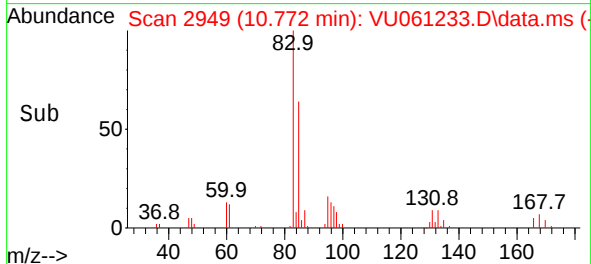
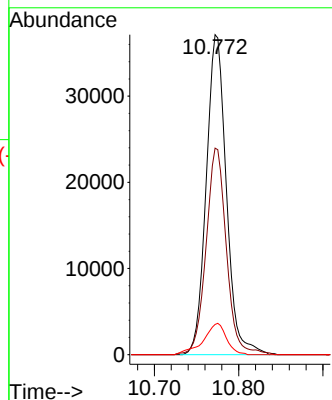
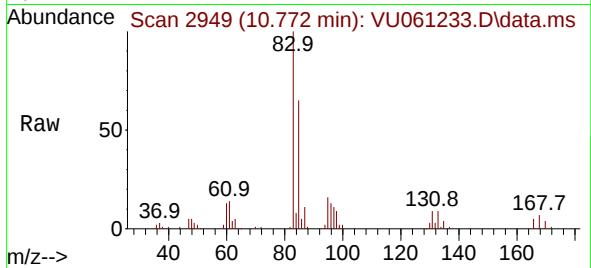
Tgt Ion: 83 Resp: 61749

Ion Ratio Lower Upper

83 100

85 64.6 45.3 84.1

131 9.5 7.6 11.4



#59

Bromoform

Concen: 4.882 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

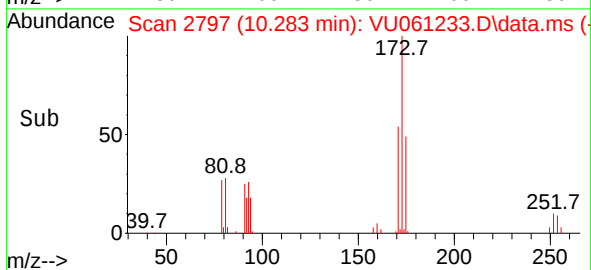
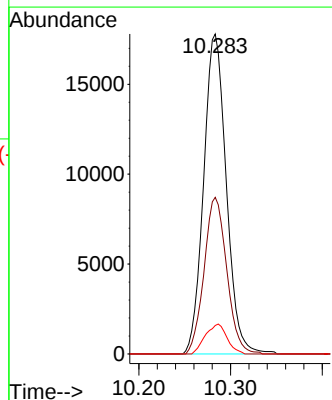
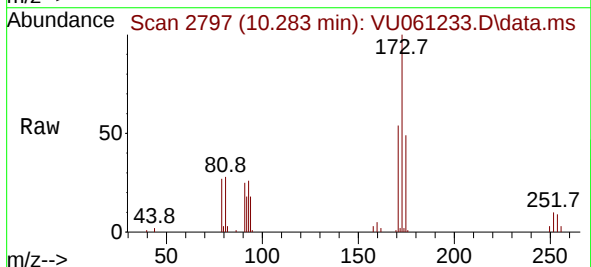
Tgt Ion:173 Resp: 30565

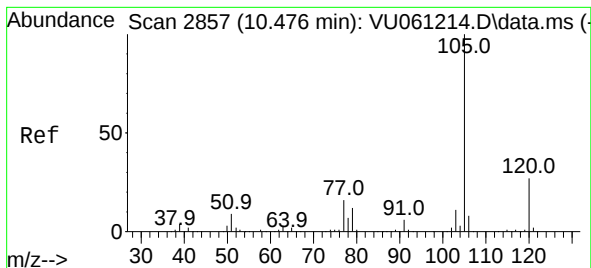
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

254 9.0 6.8 10.2





#60

Isopropylbenzene

Concen: 4.916 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

ClientSampleId :

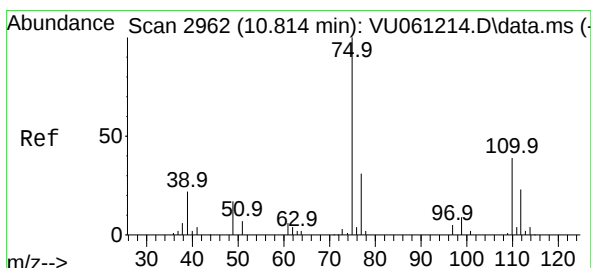
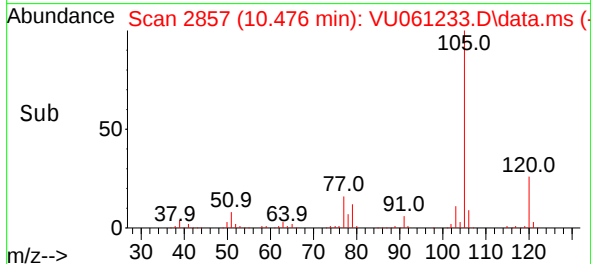
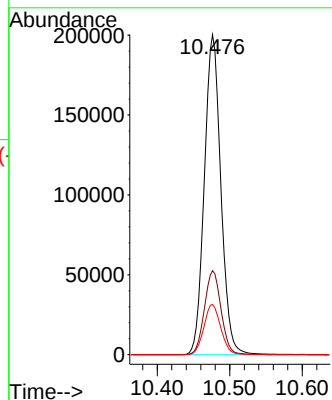
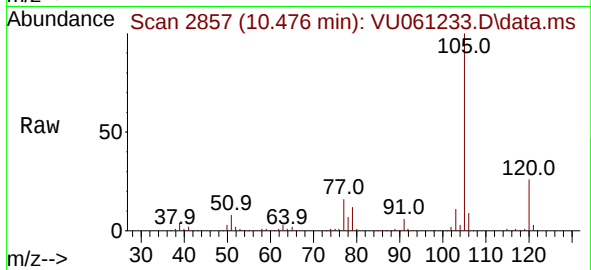
Tgt Ion:105 Resp: 317621

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.057 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

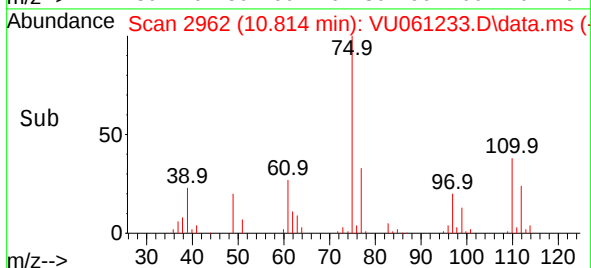
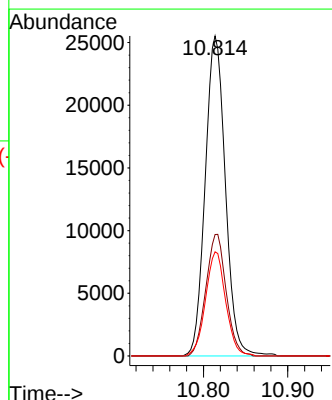
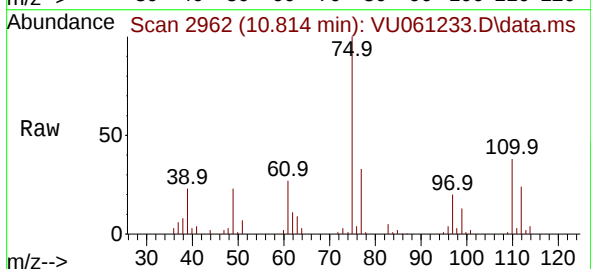
Tgt Ion: 75 Resp: 42600

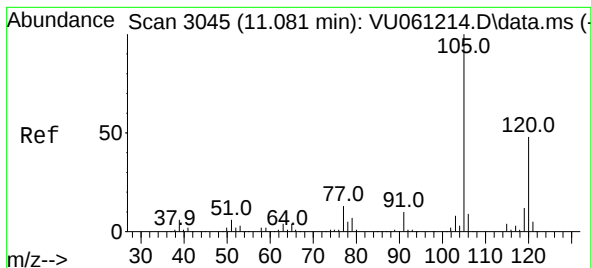
Ion Ratio Lower Upper

75 100

110 38.2 28.8 43.2

77 32.5 25.7 38.5

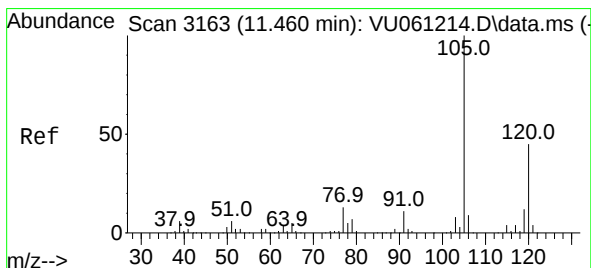
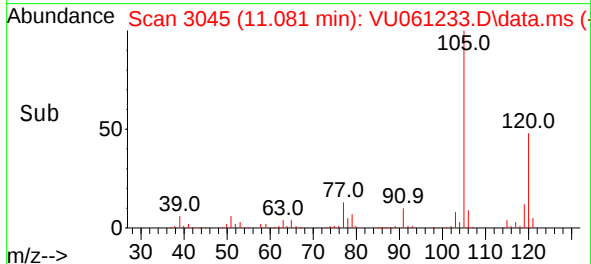
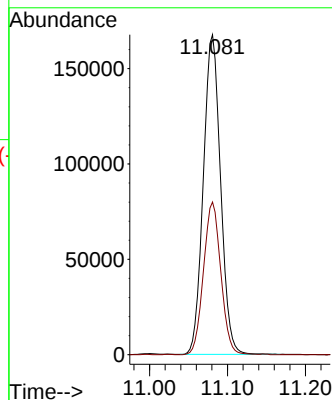
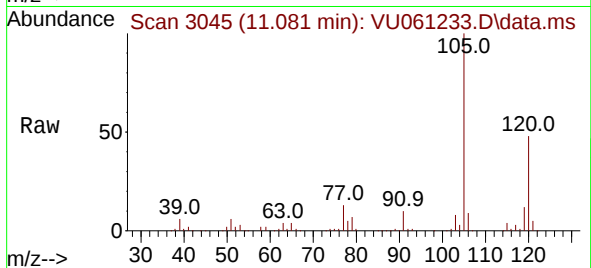




#62
1,3,5-Trimethylbenzene
Concen: 4.899 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

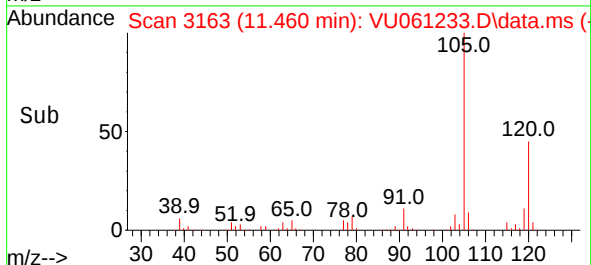
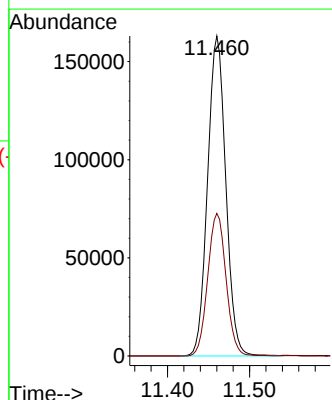
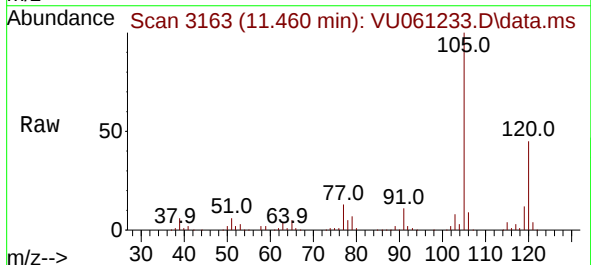
Instrument :
MSVOA_U
ClientSampleId :

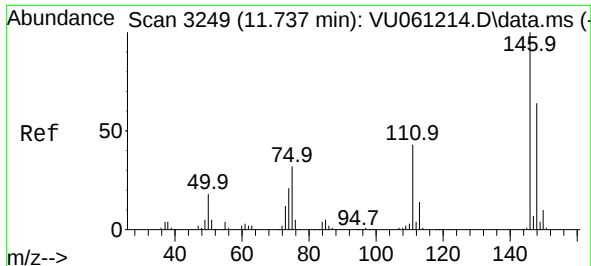
Tgt Ion:105 Resp: 257645
Ion Ratio Lower Upper
105 100
120 47.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.850 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion:105 Resp: 252136
Ion Ratio Lower Upper
105 100
120 44.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.966 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

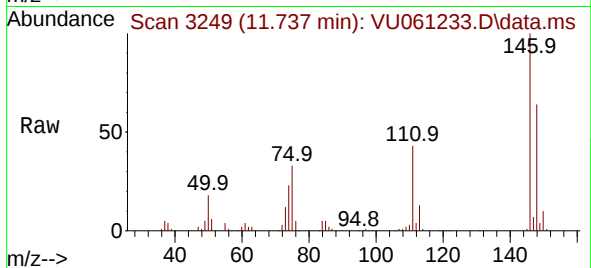
Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

ClientSampleId :



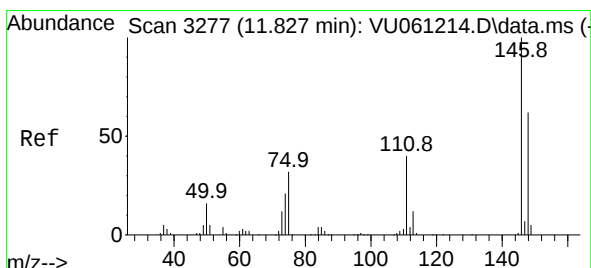
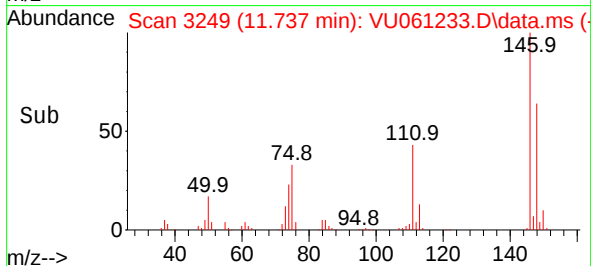
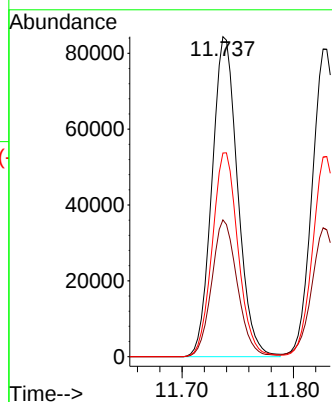
Tgt Ion:146 Resp: 135033

Ion Ratio Lower Upper

146 100

111 42.7 30.0 55.8

148 63.7 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.917 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

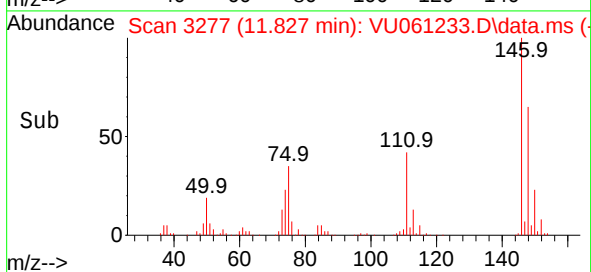
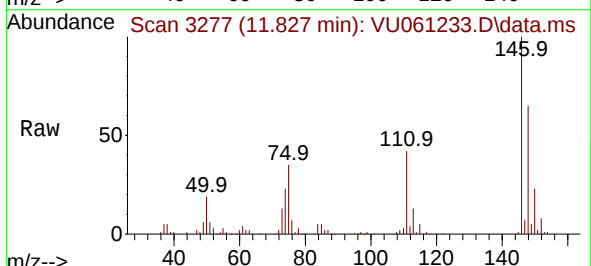
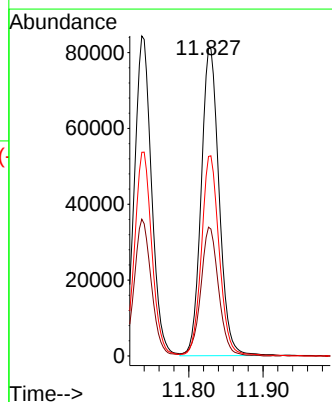
Tgt Ion:146 Resp: 136297

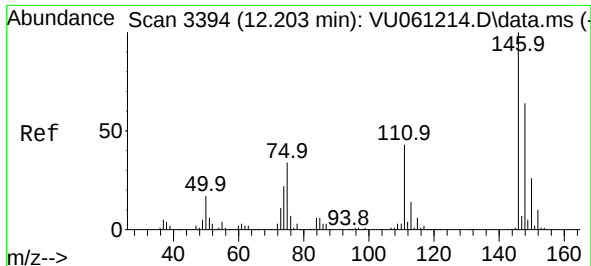
Ion Ratio Lower Upper

146 100

111 41.9 28.2 52.4

148 64.9 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.988 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

ClientSampleId :

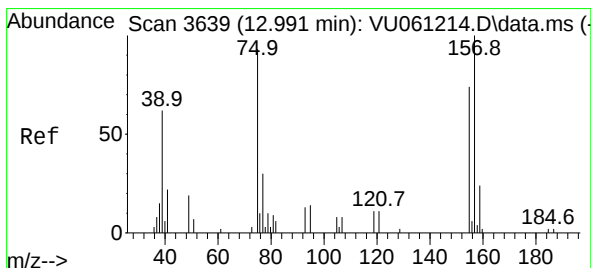
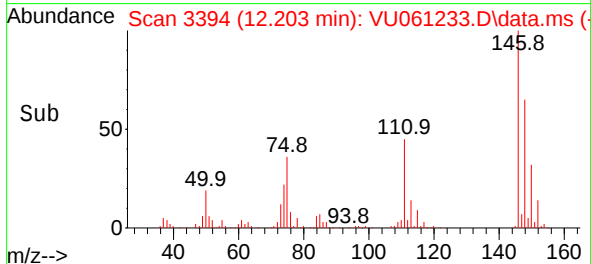
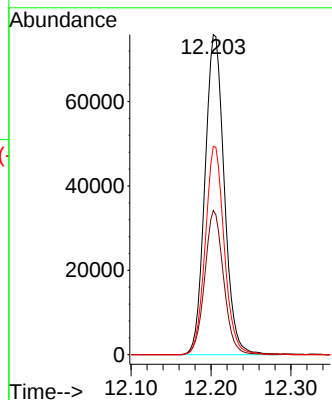
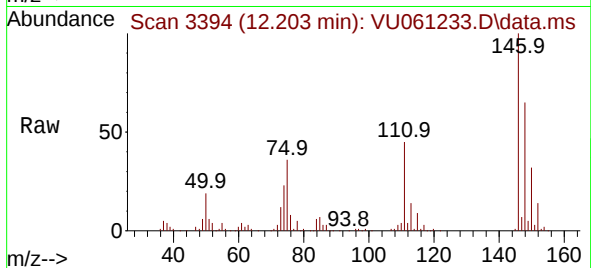
Tgt Ion:146 Resp: 127638

Ion Ratio Lower Upper

146 100

111 45.1 35.2 52.8

148 65.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.740 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

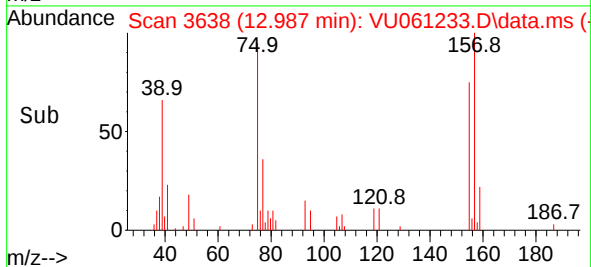
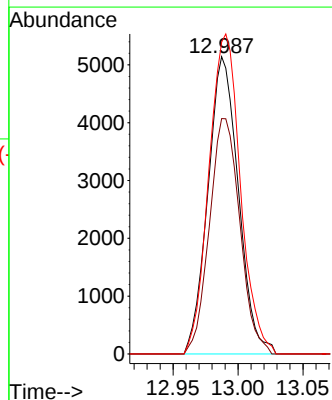
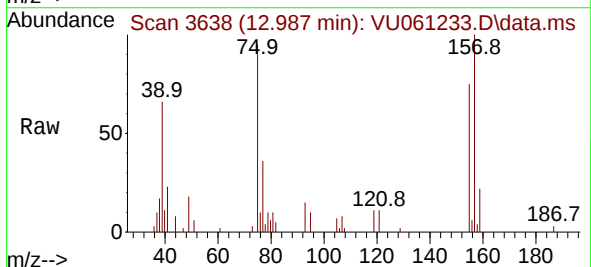
Tgt Ion: 75 Resp: 8385

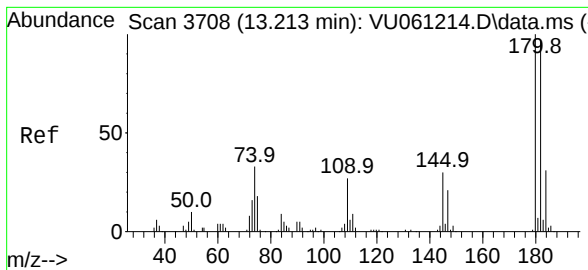
Ion Ratio Lower Upper

75 100

155 79.2 69.3 103.9

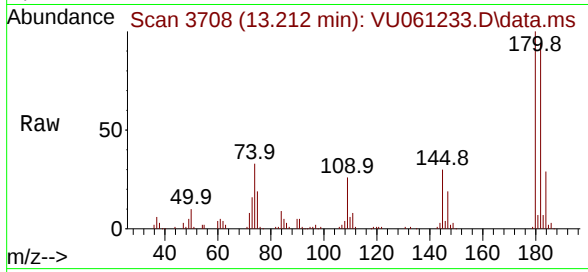
157 104.9 81.4 122.2



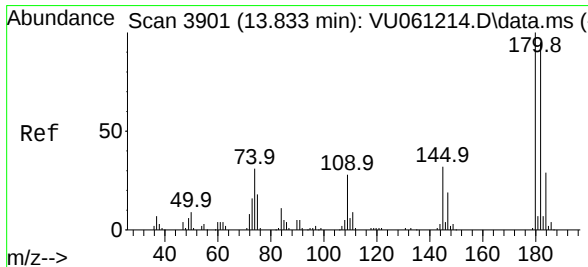
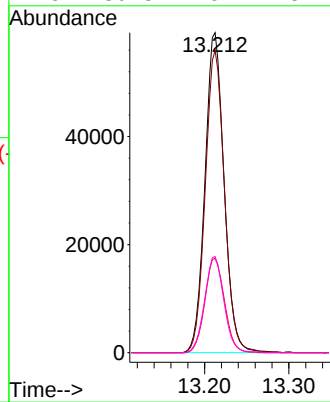
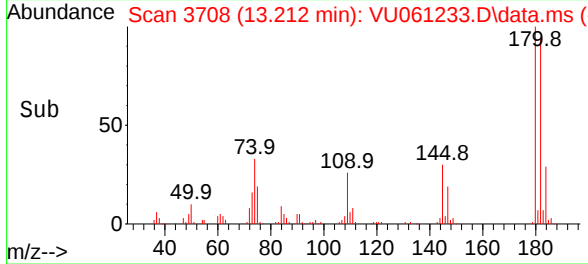


#69
1,3,5-Trichlorobenzene
Concen: 5.025 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Instrument :
MSVOA_U
ClientSampleId :

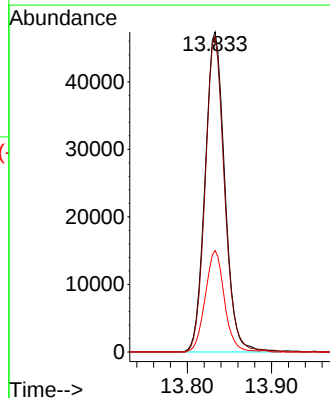
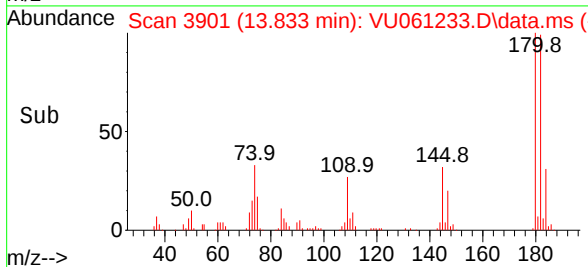
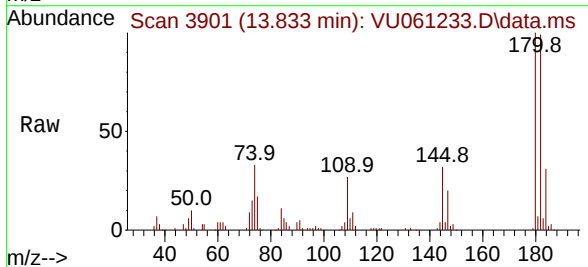


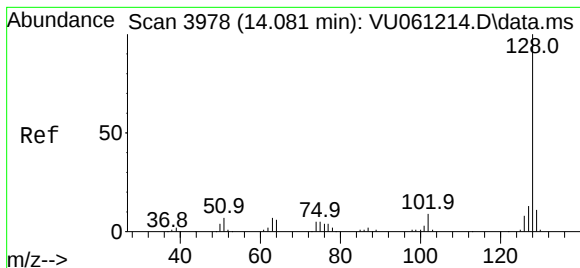
Tgt Ion:180 Resp: 93663
Ion Ratio Lower Upper
180 100
182 94.7 77.4 116.2
184 30.1 24.4 36.6
145 30.3 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 5.138 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU061233.D
Acq: 25 Oct 2024 17:36

Tgt Ion:180 Resp: 77279
Ion Ratio Lower Upper
180 100
182 96.3 77.2 115.8
145 30.8 25.6 38.4





#71

Naphthalene

Concen: 5.453 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Instrument :

MSVOA_U

ClientSampleId :

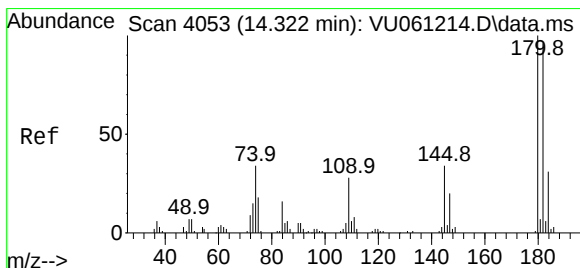
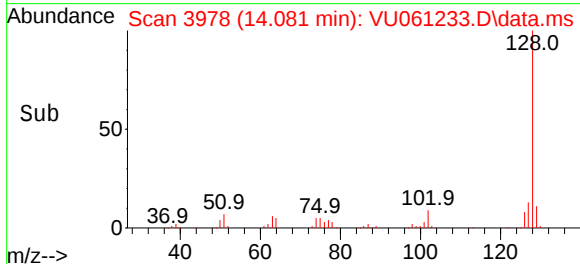
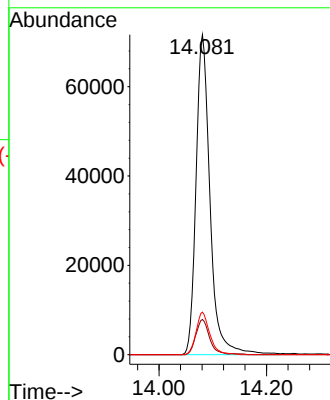
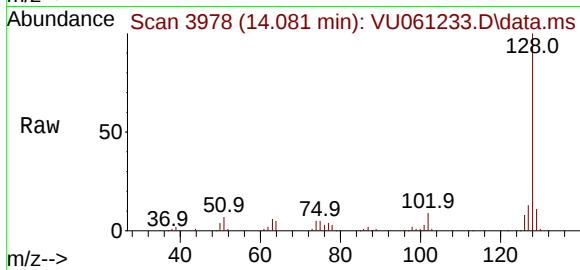
Tgt Ion:128 Resp: 129425

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

127 13.0 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.260 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061233.D

Acq: 25 Oct 2024 17:36

Tgt Ion:180 Resp: 66190

Ion Ratio Lower Upper

180 100

182 98.0 76.0 114.0

145 32.3 26.5 39.7

