

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062060.D
 Acq On : 27 Nov 2024 17:55
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 01:10:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	180698	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	166970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	86433	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60628	48.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.860%
7) Chloroethane-d5	1.904	69	41916	46.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.900%
11) 1,1-Dichloroethene-d2	2.560	63	119147	50.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.380%
21) 2-Butanone-d5	4.615	46	94531	111.111	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.110%
24) Chloroform-d	5.052	84	129234	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	5.689	65	83199	49.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.820%
32) Benzene-d6	5.714	84	245193	51.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.700%
36) 1,2-Dichloropropane-d6	6.679	67	76696	51.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.220%
41) Toluene-d8	7.888	98	228814	51.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.540%
43) trans-1,3-Dichloroprop...	8.171	79	39583	52.786	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.580%
47) 2-Hexanone-d5	8.624	63	64294	113.751	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.750%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	114939	52.638	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.280%
66) 1,2-Dichlorobenzene-d4	12.184	152	85378	50.212	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	84904	49.209	ug/L	99
3) Chloromethane	1.518	50	72529	51.013	ug/L	100
5) Vinyl chloride	1.602	62	74986	51.139	ug/L	99
6) Bromomethane	1.850	94	41490	51.515	ug/L	99
8) Chloroethane	1.924	64	42614	50.451	ug/L	97
9) Trichlorofluoromethane	2.132	101	110484	49.284	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61109	48.620	ug/L	97
12) 1,1-Dichloroethene	2.573	96	58004	50.738	ug/L	96
13) Acetone	2.624	43	94205	92.466	ug/L	96
14) Carbon disulfide	2.785	76	178984	52.046	ug/L	99
15) Methyl Acetate	2.943	43	68596	54.593	ug/L	98
16) Methylene chloride	3.036	84	66353	50.908	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	62076	52.820	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	206946	52.248	ug/L	100
19) 1,1-Dichloroethane	3.856	63	114753	50.957	ug/L	98
20) cis-1,2-Dichloroethene	4.653	96	69050	51.582	ug/L	96
22) 2-Butanone	4.692	43	109999	100.104	ug/L	99
23) Bromochloromethane	4.962	128	37262	53.522	ug/L	95
25) Chloroform	5.074	83	126394	51.715	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062060.D
 Acq On : 27 Nov 2024 17:55
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

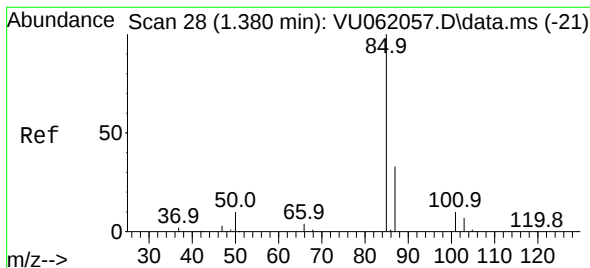
Quant Time: Nov 28 01:10:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	99737	51.093	ug/L	100
29) Cyclohexane	5.377	56	96978	50.843	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	112460	52.069	ug/L	98
31) Carbon tetrachloride	5.512	117	97638	50.586	ug/L	98
33) Benzene	5.763	78	264254	53.188	ug/L	100
34) Trichloroethene	6.531	95	71603	52.779	ug/L	96
35) Methylcyclohexane	6.753	83	104292	50.710	ug/L	100
37) 1,2-Dichloropropane	6.779	63	68071	51.778	ug/L	99
38) Bromodichloromethane	7.094	83	92459	52.197	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	113744	53.579	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	185491	112.945	ug/L	99
42) Toluene	7.959	91	276909	52.135	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	105230	53.606	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	69560	53.314	ug/L	98
46) Tetrachloroethene	8.544	164	51708	50.159	ug/L	94
48) 2-Hexanone	8.676	43	156720	113.199	ug/L	97
49) Dibromochloromethane	8.798	129	72863	53.445	ug/L	99
50) 1,2-Dibromoethane	8.914	107	76116	53.704	ug/L	98
51) Chlorobenzene	9.438	112	173569	51.730	ug/L	99
52) Ethylbenzene	9.560	91	307493	52.699	ug/L	100
53) m,p-Xylene	9.685	106	114633	53.130	ug/L	97
54) o-Xylene	10.090	106	114296	54.150	ug/L	96
55) Styrene	10.106	104	194129	54.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	117509	54.574	ug/L	98
59) Bromoform	10.280	173	58317	53.521	ug/L #	98
60) 1,2,3-Trichloropropane	10.811	75	92273	52.242	ug/L	99
61) Isopropylbenzene	10.476	105	300958	51.717	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	255510	51.570	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	251059	52.625	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	136432	50.734	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	138436	50.721	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	136465	51.376	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	27388	55.020	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	95909	50.660	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	88577	54.801	ug/L	98
71) Naphthalene	14.077	128	272738	62.276	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	85244	54.634	ug/L	98

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

Quant Time: Nov 28 01:10:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 28 01:06:41 2024
Response via : Initial Calibration

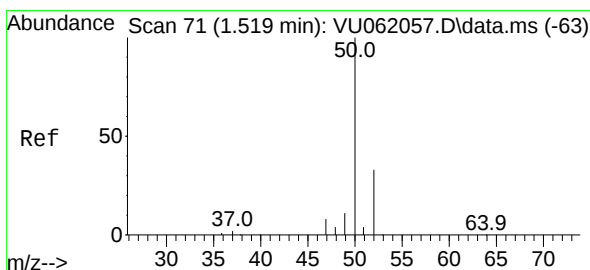
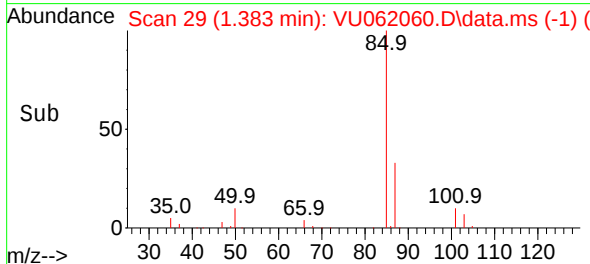
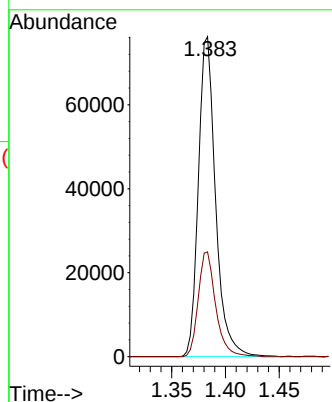
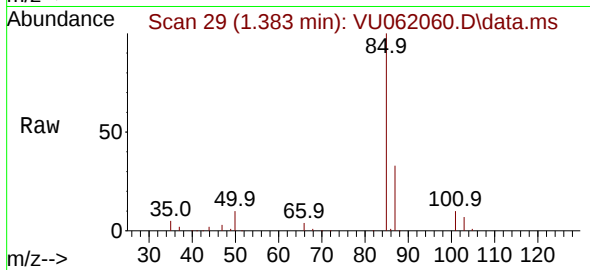




#2
Dichlorodifluoromethane
Concen: 49.209 ug/L
RT: 1.383 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

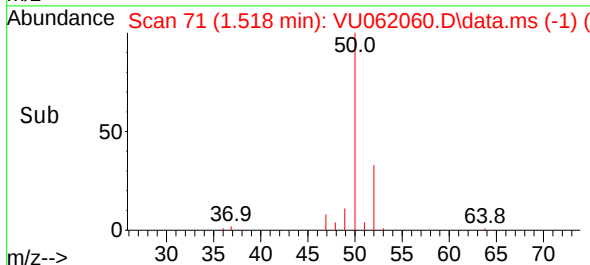
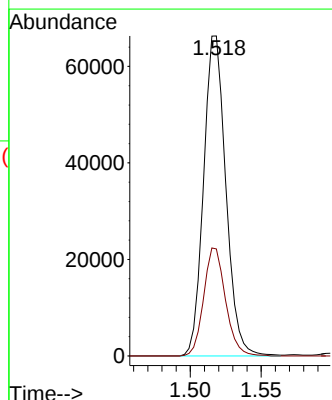
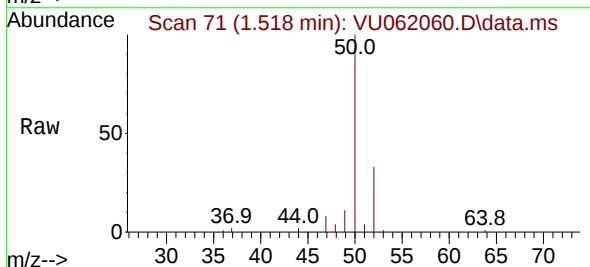
Instrument :
MSVOA_U
ClientSampleId :

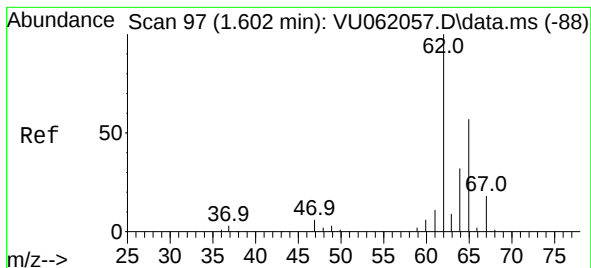
Tgt Ion: 85 Resp: 84904
Ion Ratio Lower Upper
85 100
87 33.2 26.0 39.0



#3
Chloromethane
Concen: 51.013 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion: 50 Resp: 72529
Ion Ratio Lower Upper
50 100
52 33.4 23.3 43.3





#5

Vinyl chloride

Concen: 51.139 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

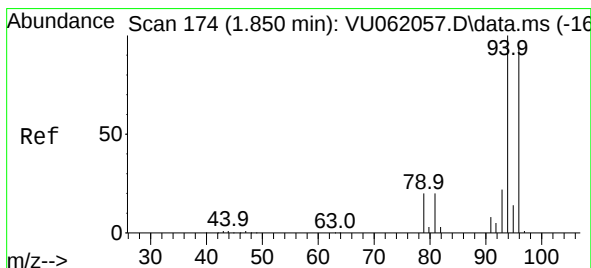
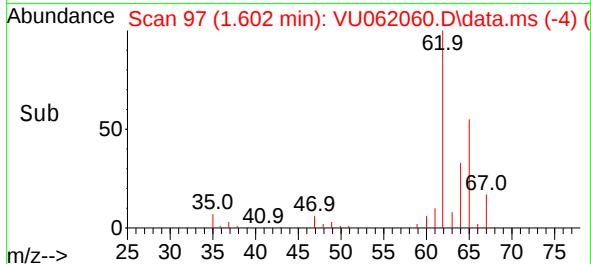
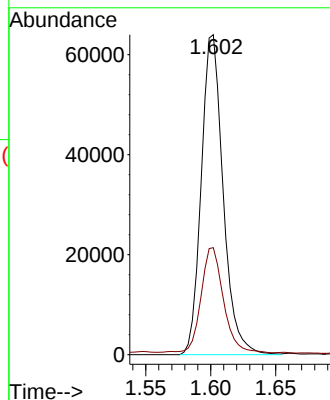
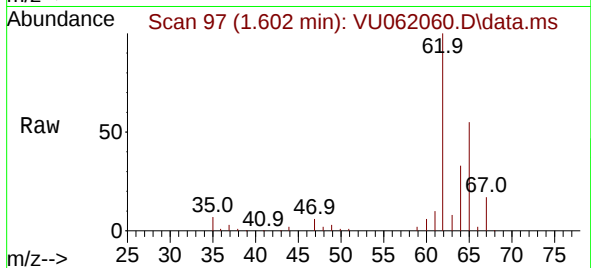
ClientSampleId :

Tgt Ion: 62 Resp: 74986

Ion Ratio Lower Upper

62 100

64 33.5 23.0 42.8



#6

Bromomethane

Concen: 51.515 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU062060.D

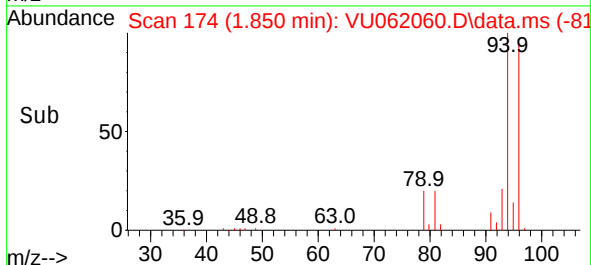
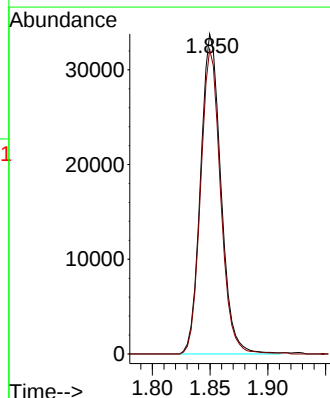
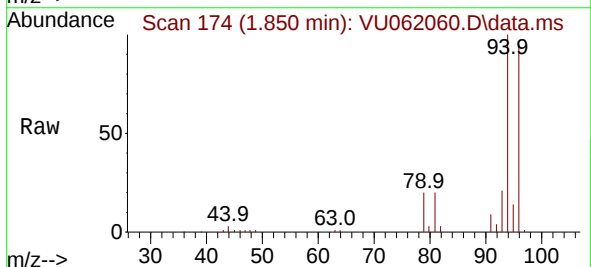
Acq: 27 Nov 2024 17:55

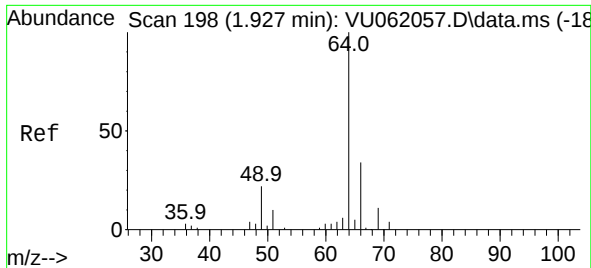
Tgt Ion: 94 Resp: 41490

Ion Ratio Lower Upper

94 100

96 95.2 66.0 122.6

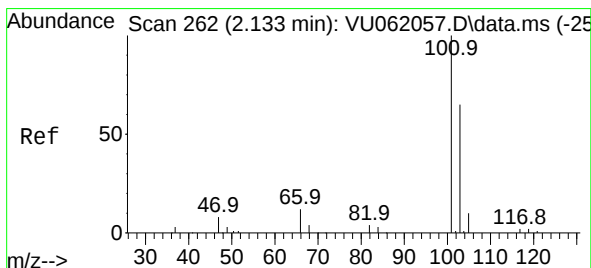
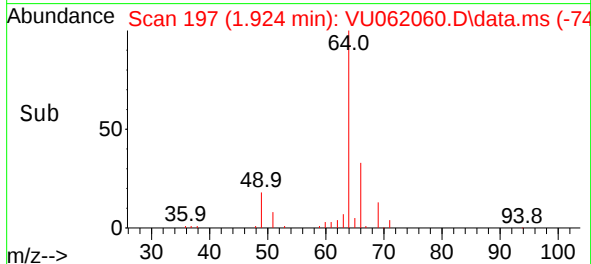
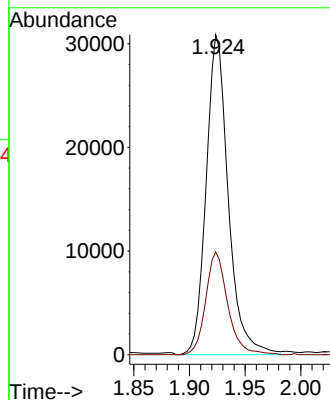
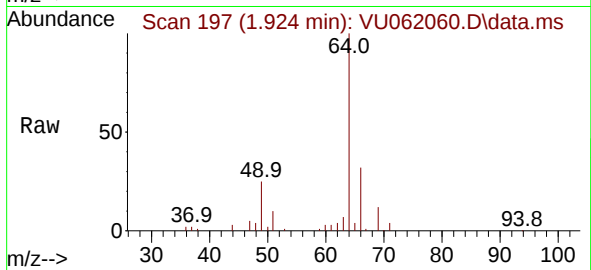




#8
Chloroethane
Concen: 50.451 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.004 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

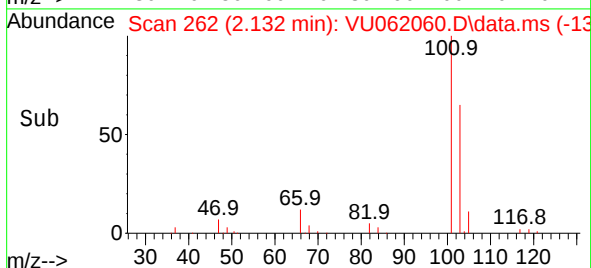
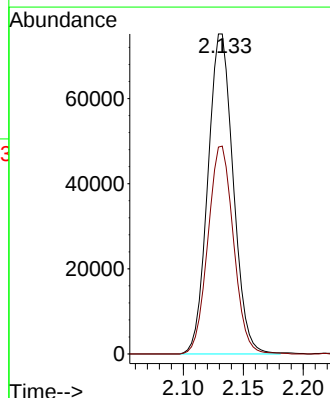
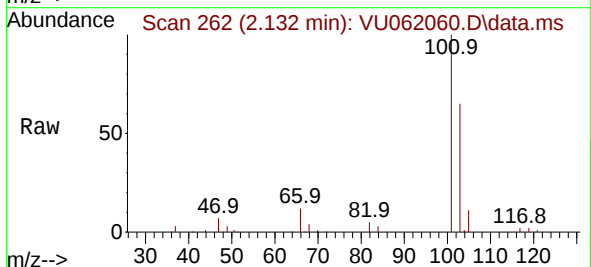
Instrument :
MSVOA_U
ClientSampleId :

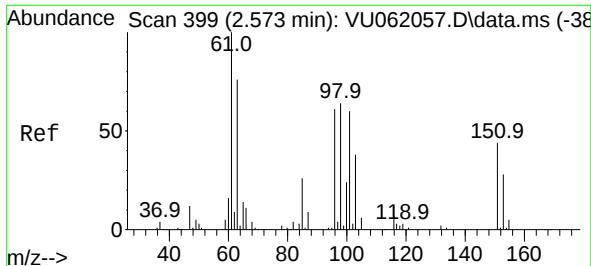
Tgt Ion: 64 Resp: 42614
Ion Ratio Lower Upper
64 100
66 32.1 23.7 44.1



#9
Trichlorofluoromethane
Concen: 49.284 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion:101 Resp: 110484
Ion Ratio Lower Upper
101 100
103 65.5 52.9 79.3

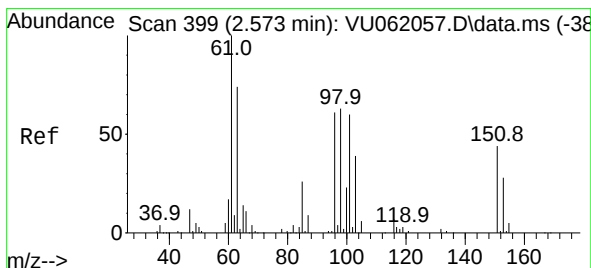
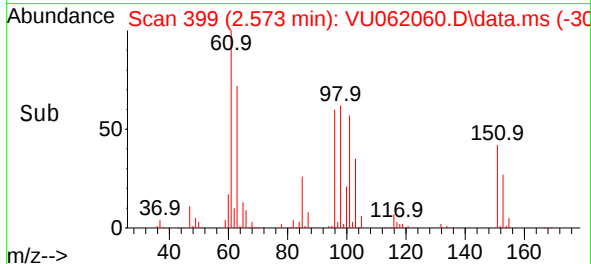
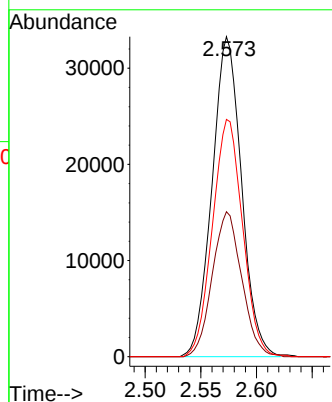
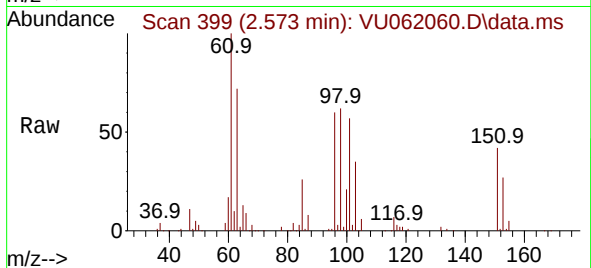




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.620 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

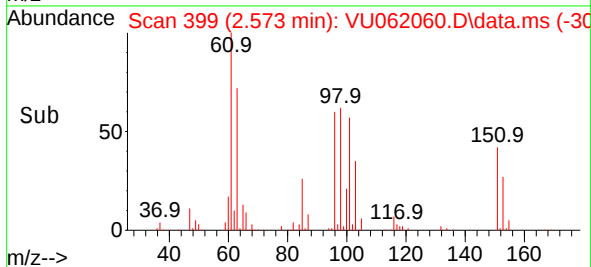
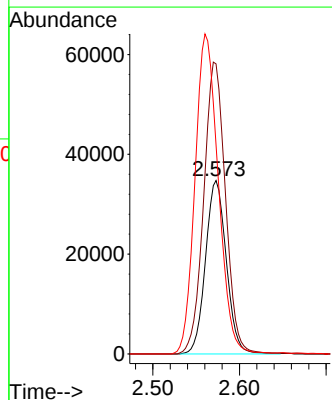
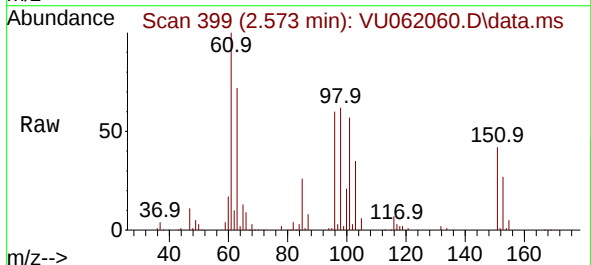
Instrument :
MSVOA_U
ClientSampleId :

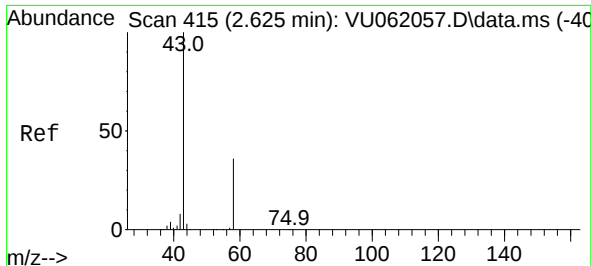
Tgt Ion:101 Resp: 61109
Ion Ratio Lower Upper
101 100
85 45.3 34.7 52.1
151 75.9 59.0 88.4



#12
1,1-Dichloroethene
Concen: 50.738 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion: 96 Resp: 58004
Ion Ratio Lower Upper
96 100
61 167.2 115.2 214.0
63 120.5 89.3 165.9





#13

Acetone

Concen: 92.466 ug/L

RT: 2.624 min Scan# 415

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

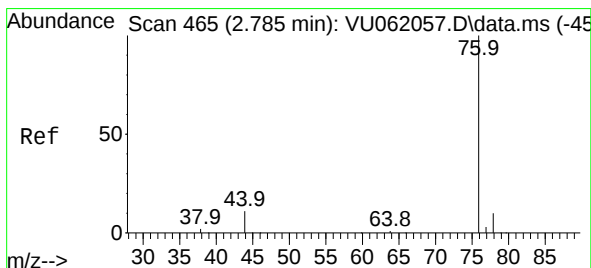
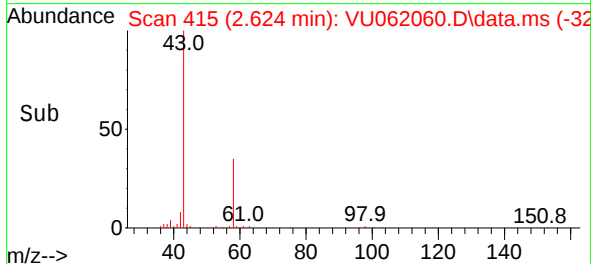
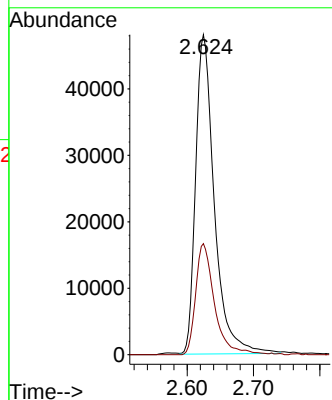
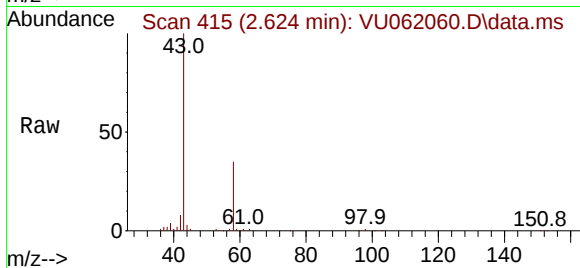
ClientSampleId :

Tgt Ion: 43 Resp: 94205

Ion Ratio Lower Upper

43 100

58 34.0 0.0 72.4



#14

Carbon disulfide

Concen: 52.046 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062060.D

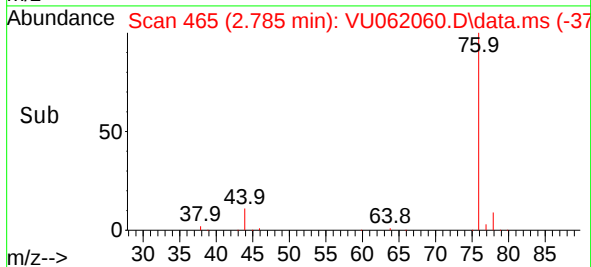
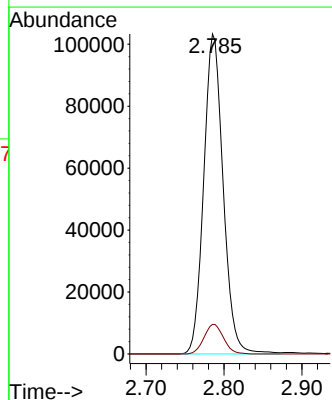
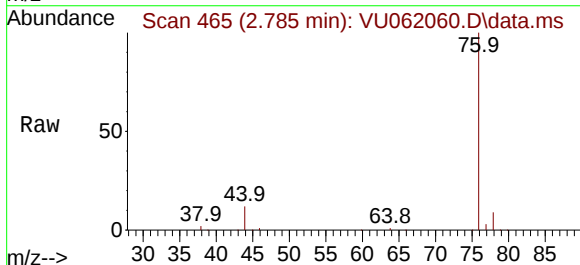
Acq: 27 Nov 2024 17:55

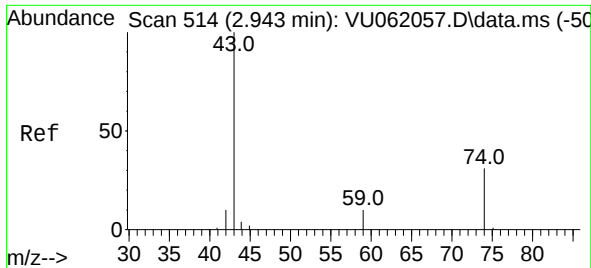
Tgt Ion: 76 Resp: 178984

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6





#15

Methyl Acetate

Concen: 54.593 ug/L

RT: 2.943 min Scan# 514

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

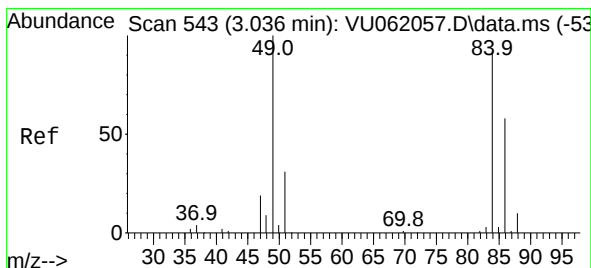
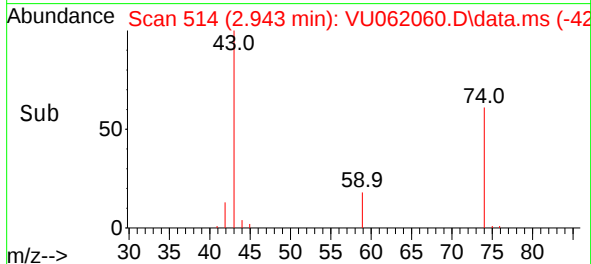
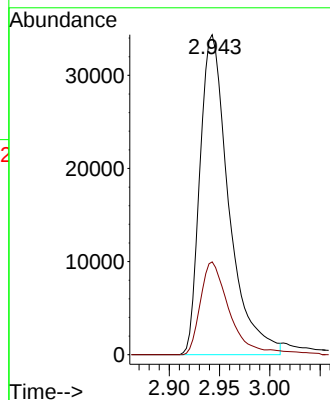
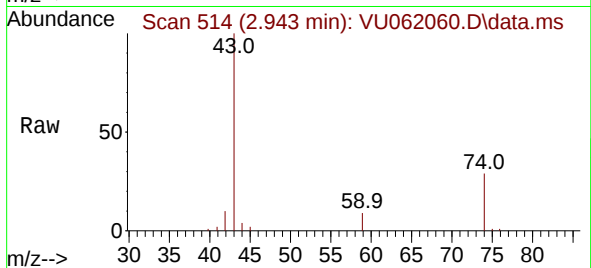
ClientSampleId :

Tgt Ion: 43 Resp: 68596

Ion Ratio Lower Upper

43 100

74 28.3 23.4 35.2



#16

Methylene chloride

Concen: 50.908 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

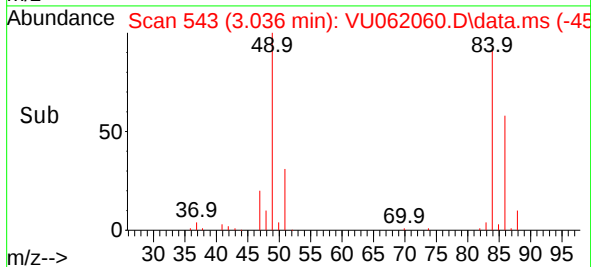
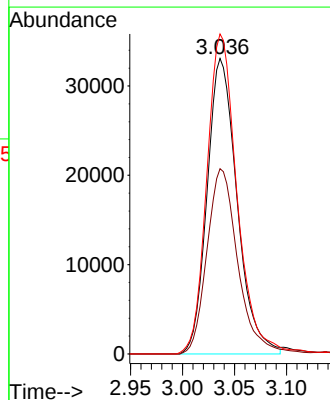
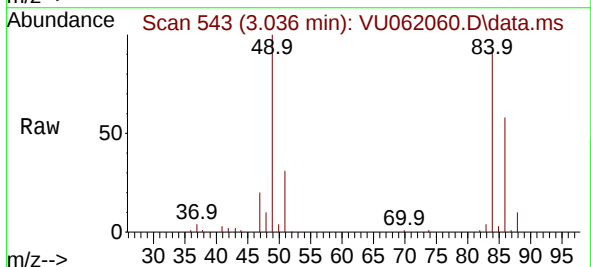
Tgt Ion: 84 Resp: 66353

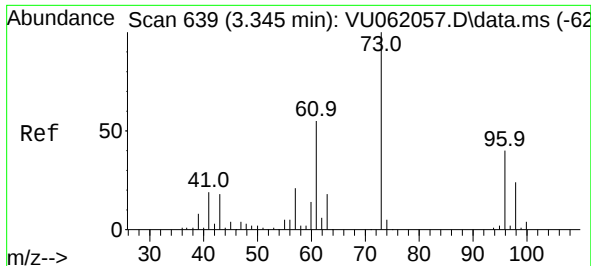
Ion Ratio Lower Upper

84 100

86 62.7 44.4 82.4

49 108.3 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 52.820 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

ClientSampleId :

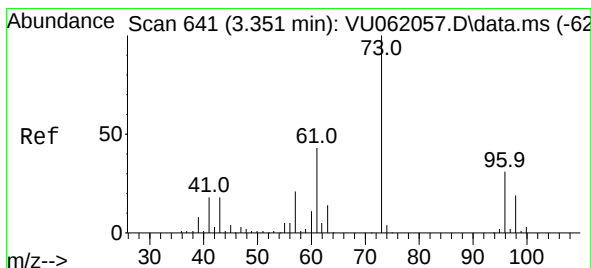
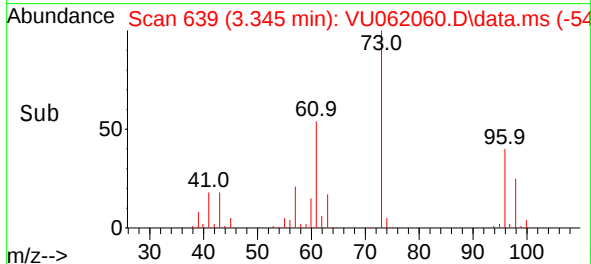
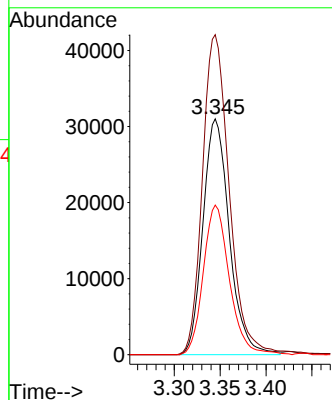
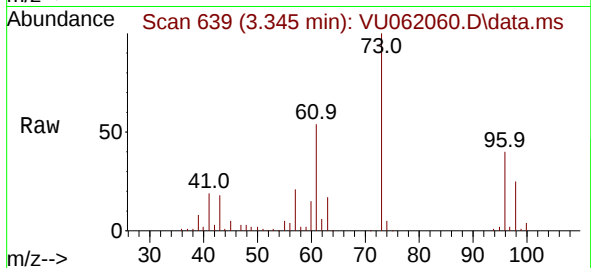
Tgt Ion: 96 Resp: 62076

Ion Ratio Lower Upper

96 100

61 135.6 96.2 178.6

98 63.4 42.7 79.3



#18

Methyl tert-butyl Ether

Concen: 52.248 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

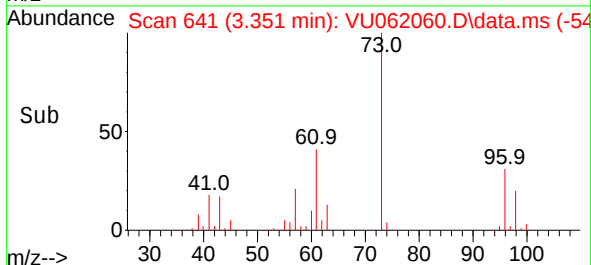
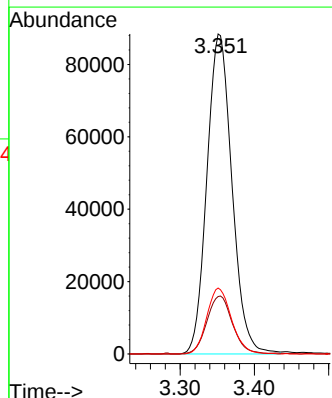
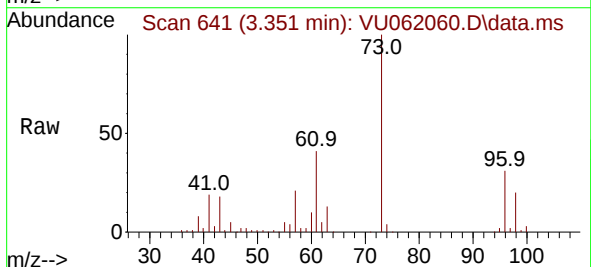
Tgt Ion: 73 Resp: 206946

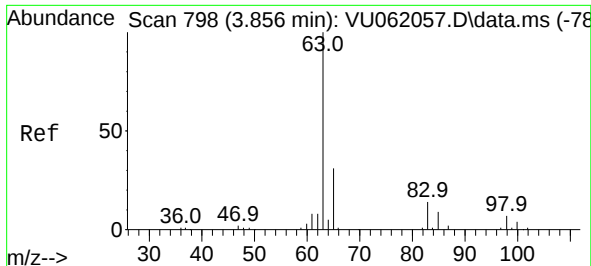
Ion Ratio Lower Upper

73 100

43 18.5 14.7 22.1

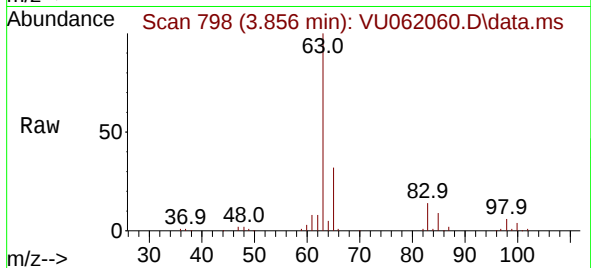
57 20.3 16.4 24.6



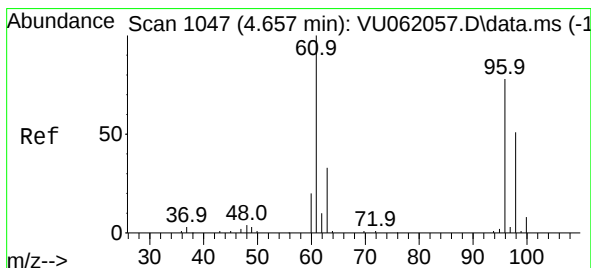
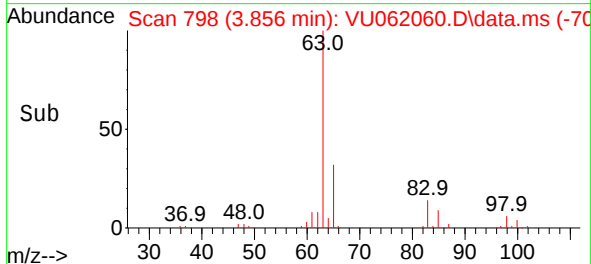
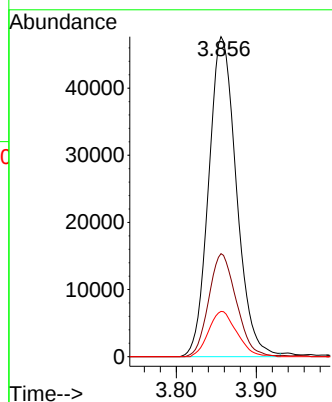


#19
1,1-Dichloroethane
Concen: 50.957 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Instrument :
MSVOA_U
ClientSampleId :

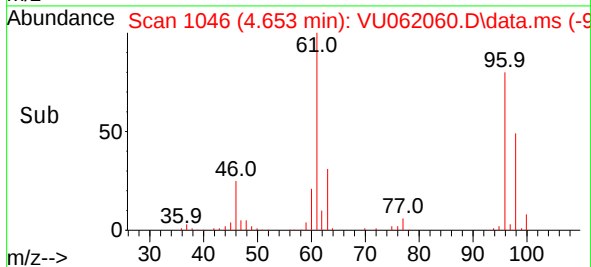
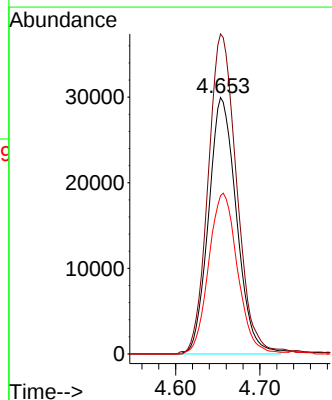
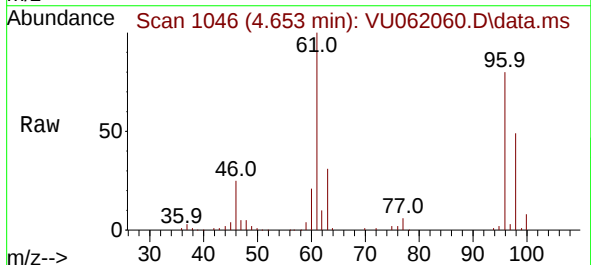


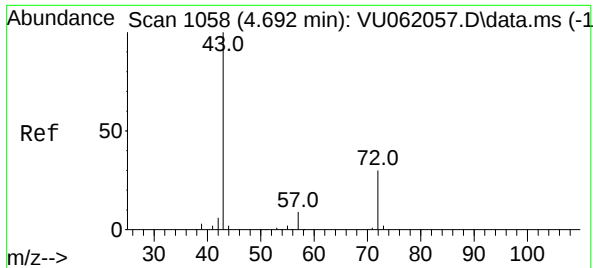
Tgt Ion: 63 Resp: 114753
Ion Ratio Lower Upper
63 100
65 32.2 21.7 40.3
83 14.1 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 51.582 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.004 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion: 96 Resp: 69050
Ion Ratio Lower Upper
96 100
61 124.7 90.1 167.3
98 61.7 45.3 84.1

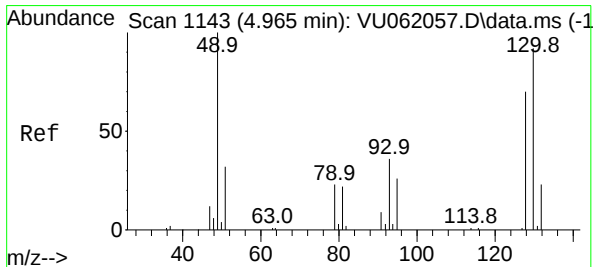
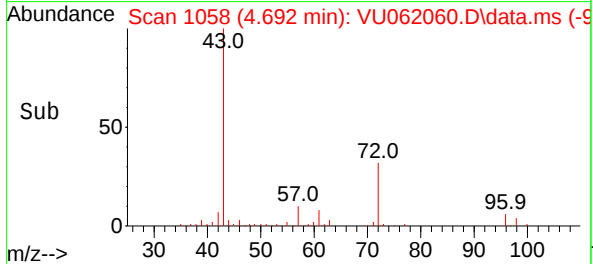
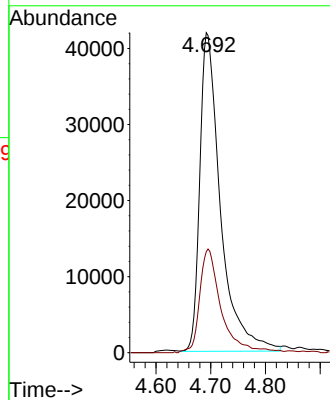
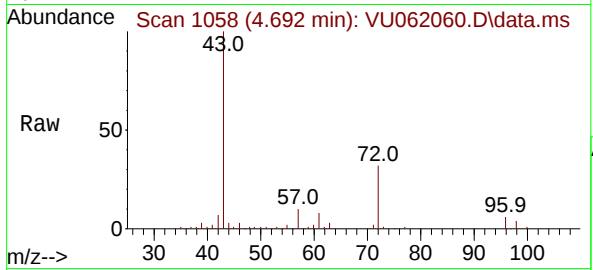




#22
2-Butanone
Concen: 100.104 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

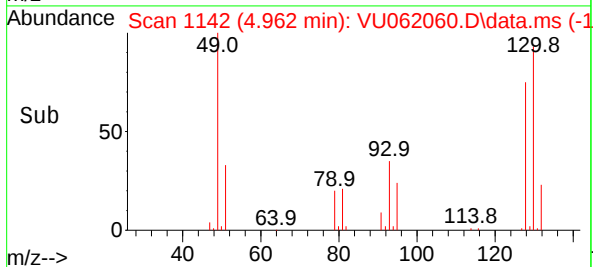
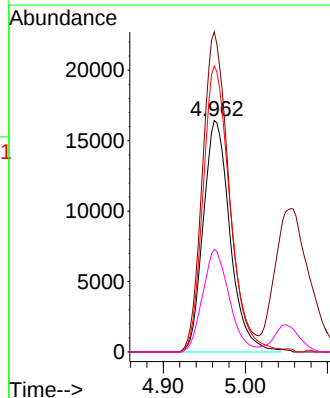
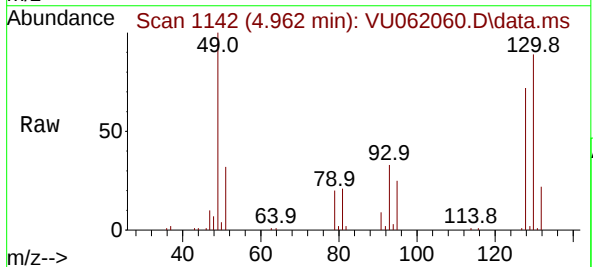
Instrument :
MSVOA_U
ClientSampleId :

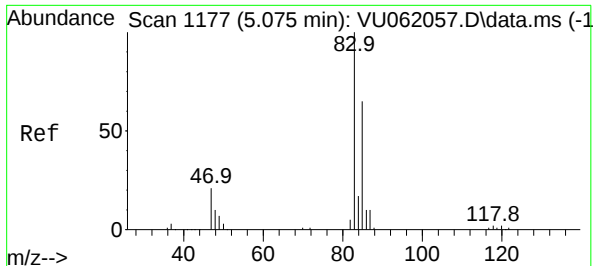
Tgt Ion: 43 Resp: 109999
Ion Ratio Lower Upper
43 100
72 32.5 15.9 47.7



#23
Bromochloromethane
Concen: 53.522 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion:128 Resp: 37262
Ion Ratio Lower Upper
128 100
49 138.3 100.7 187.1
130 123.6 92.4 171.6
51 44.3 37.1 55.7





#25

Chloroform

Concen: 51.715 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

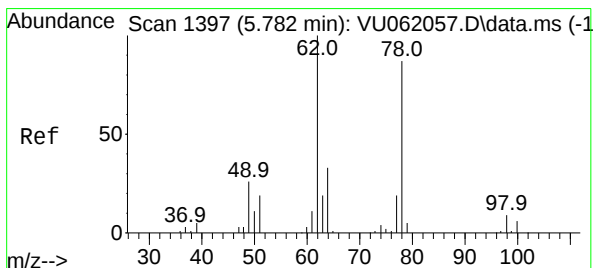
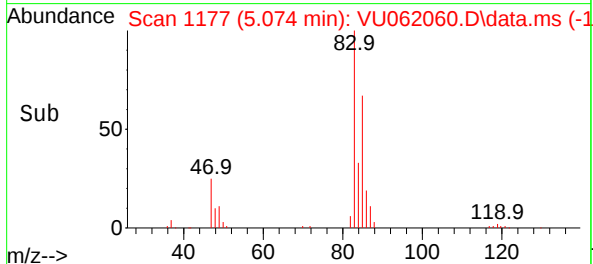
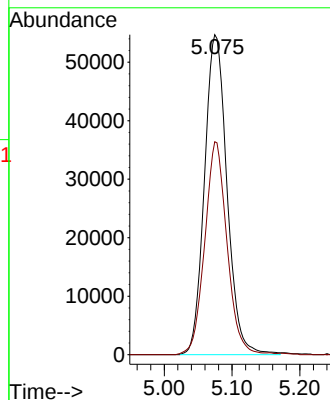
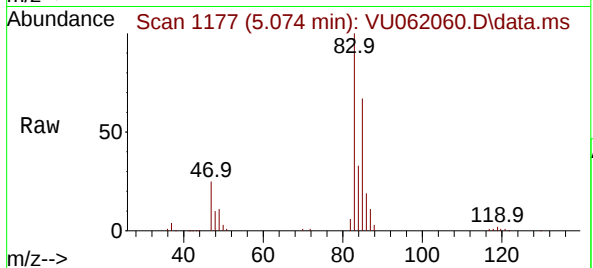
ClientSampleId :

Tgt Ion: 83 Resp: 126394

Ion Ratio Lower Upper

83 100

85 66.5 46.1 85.5



#27

1,2-Dichloroethane

Concen: 51.093 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU062060.D

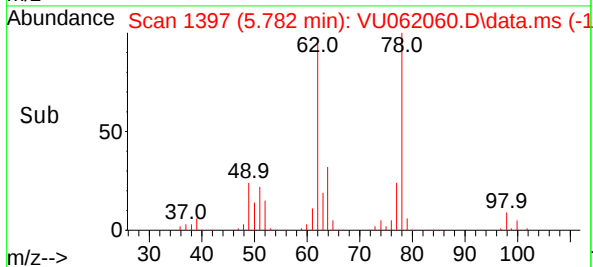
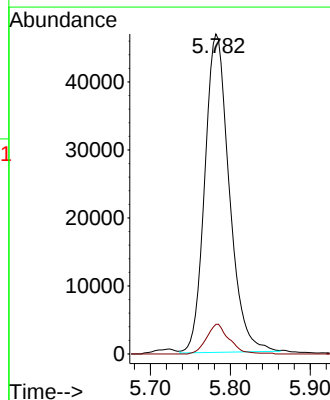
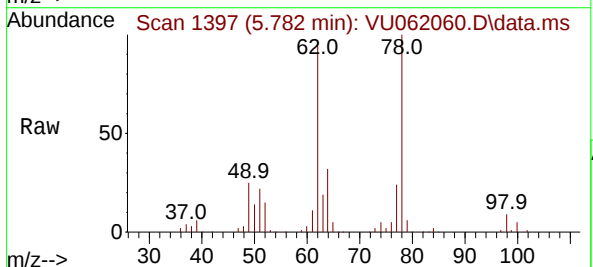
Acq: 27 Nov 2024 17:55

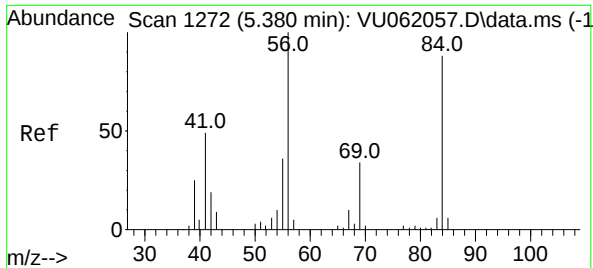
Tgt Ion: 62 Resp: 99737

Ion Ratio Lower Upper

62 100

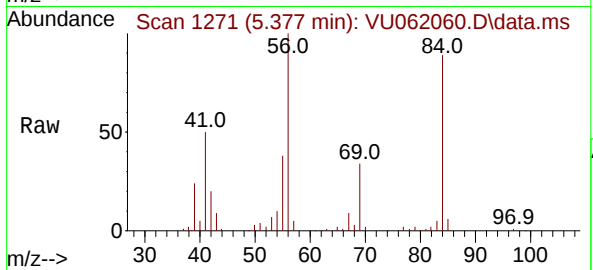
98 9.2 7.4 11.0



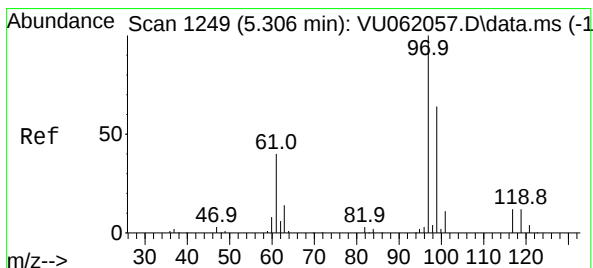
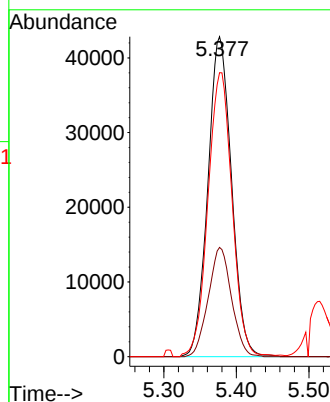
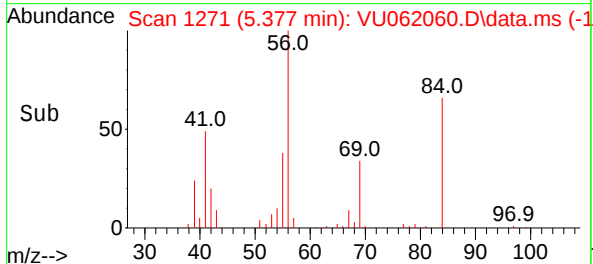


#29
Cyclohexane
Concen: 50.843 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.004 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Instrument :
MSVOA_U
ClientSampleId :

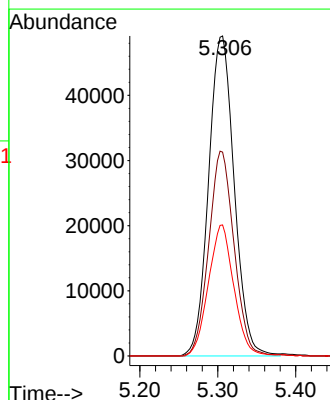
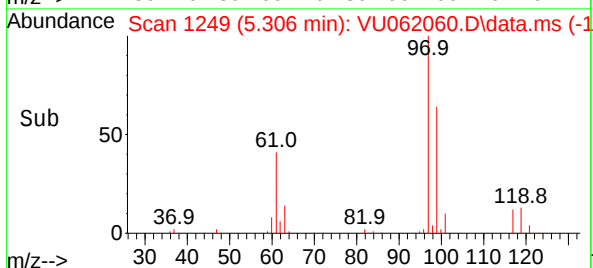
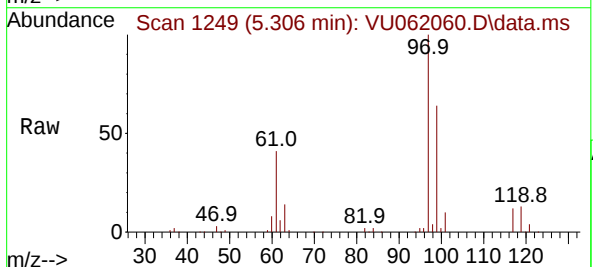


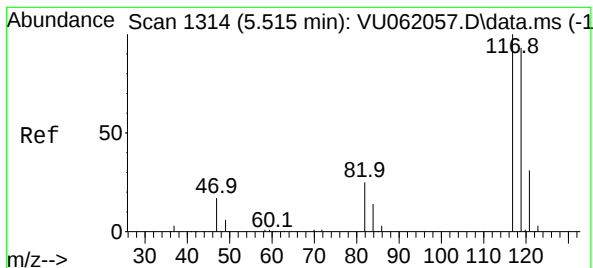
Tgt Ion: 56 Resp: 96978
Ion Ratio Lower Upper
56 100
69 33.6 27.1 40.7
84 90.8 72.1 108.1



#30
1,1,1-Trichloroethane
Concen: 52.069 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion: 97 Resp: 112460
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 40.6 32.6 48.8





#31

Carbon tetrachloride

Concen: 50.586 ug/L

RT: 5.512 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

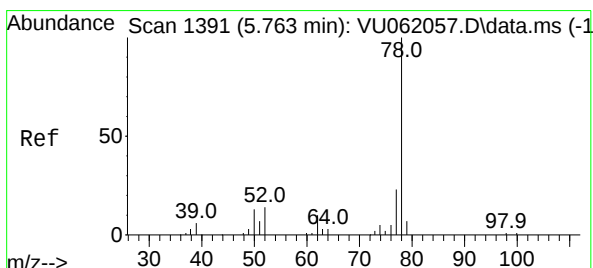
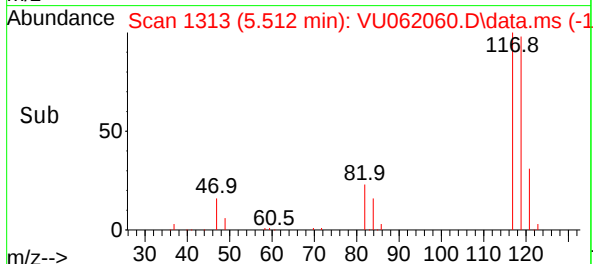
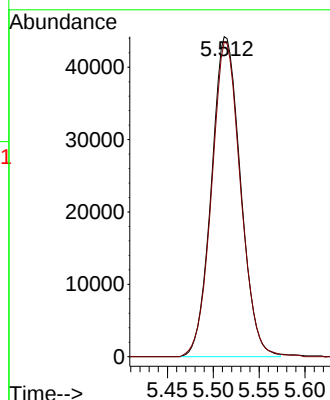
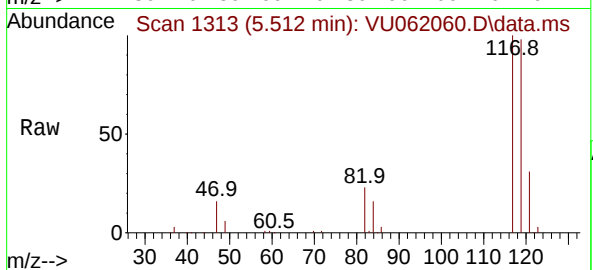
ClientSampleId :

Tgt Ion:117 Resp: 97638

Ion Ratio Lower Upper

117 100

119 97.8 77.0 115.6



#33

Benzene

Concen: 53.188 ug/L

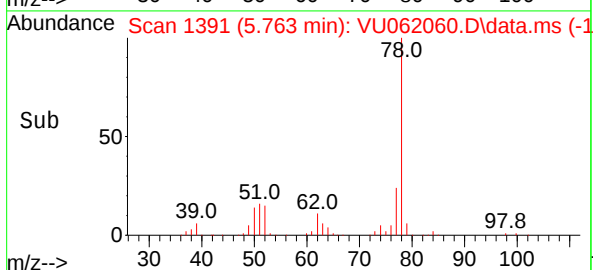
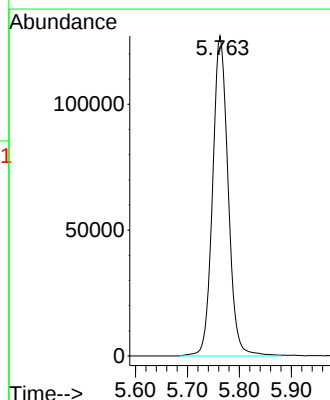
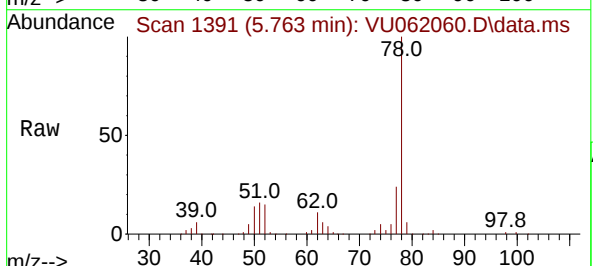
RT: 5.763 min Scan# 1391

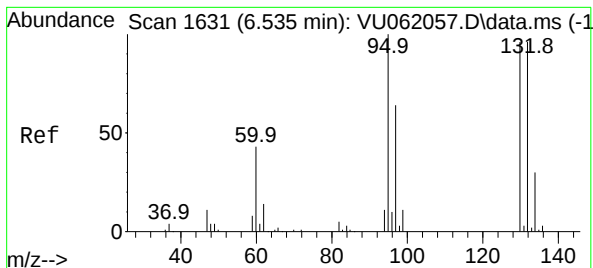
Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Tgt Ion: 78 Resp: 264254





#34

Trichloroethene

Concen: 52.779 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 71603

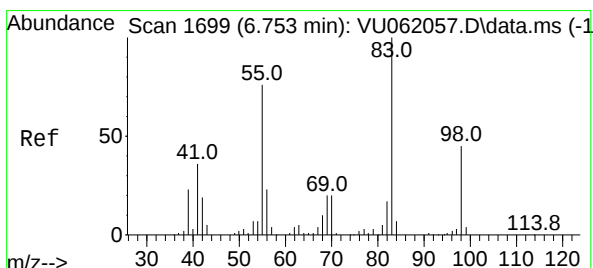
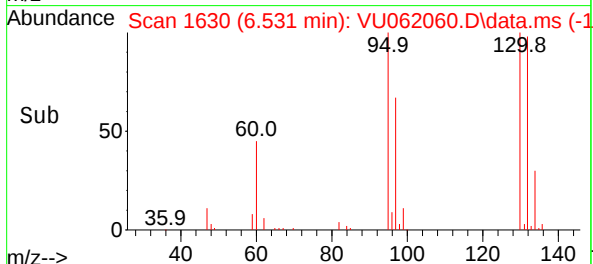
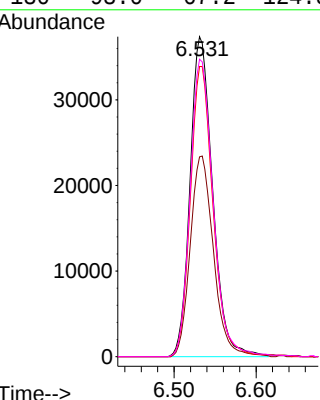
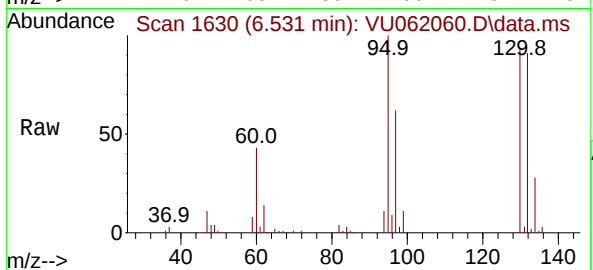
Ion Ratio Lower Upper

95 100

97 62.5 44.6 82.8

132 90.7 67.3 124.9

130 93.0 67.2 124.8



#35

Methylcyclohexane

Concen: 50.710 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

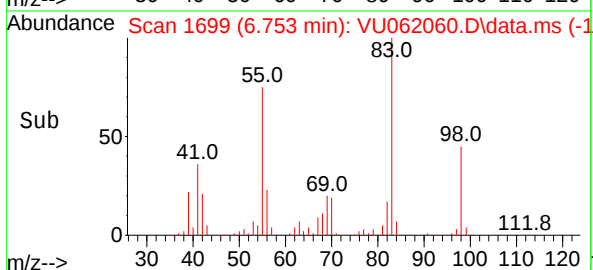
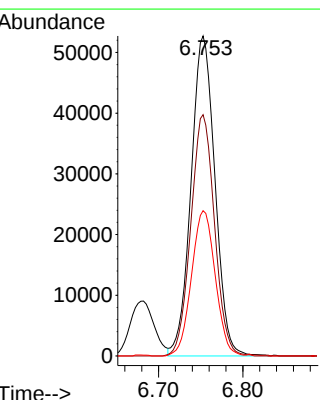
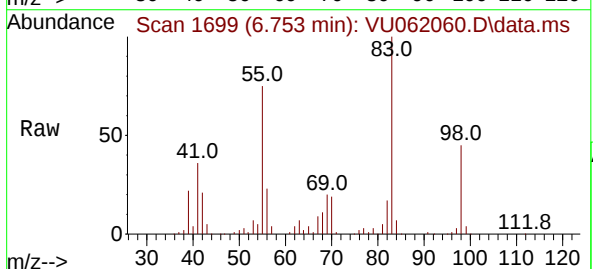
Tgt Ion: 83 Resp: 104292

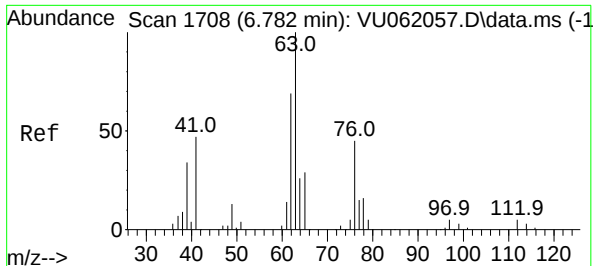
Ion Ratio Lower Upper

83 100

55 74.6 60.1 90.1

98 45.0 35.8 53.8

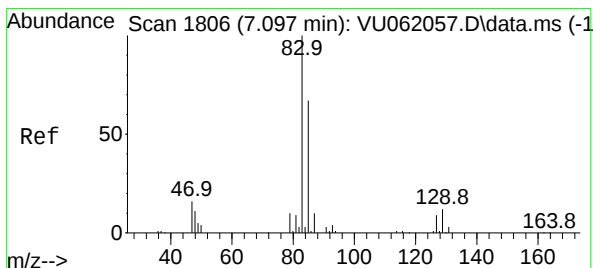
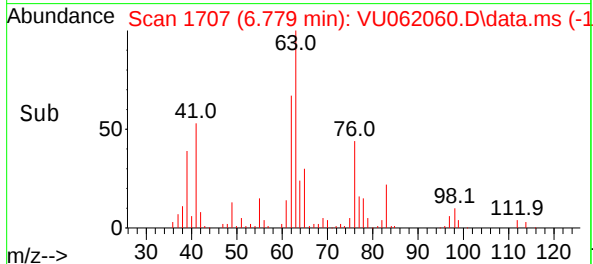
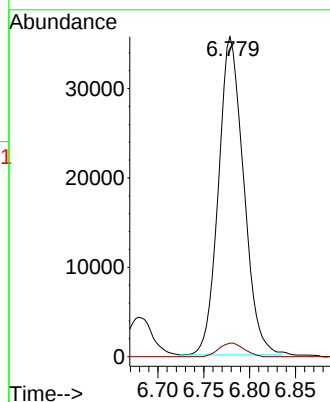
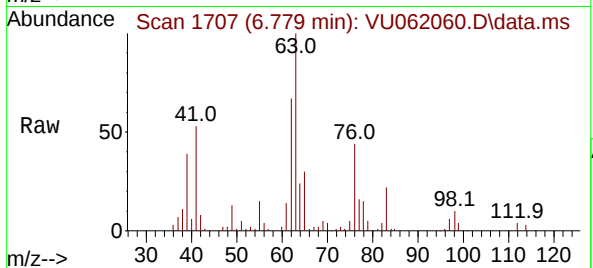




#37
1,2-Dichloropropane
Concen: 51.778 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

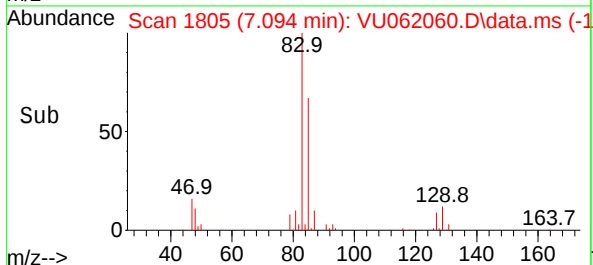
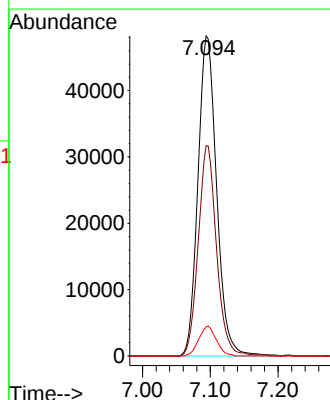
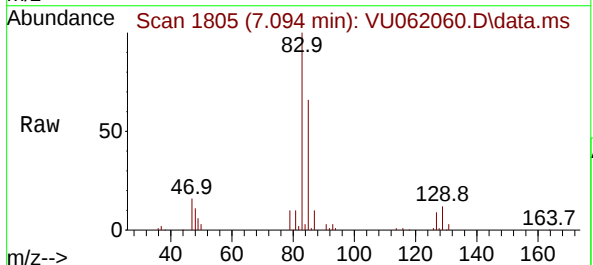
Instrument :
MSVOA_U
ClientSampleId :

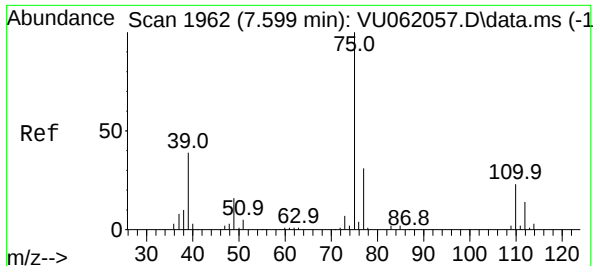
Tgt Ion: 63 Resp: 68071
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7



#38
Bromodichloromethane
Concen: 52.197 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.004 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion: 83 Resp: 92459
Ion Ratio Lower Upper
83 100
85 65.7 46.8 87.0
127 10.1 6.8 10.2

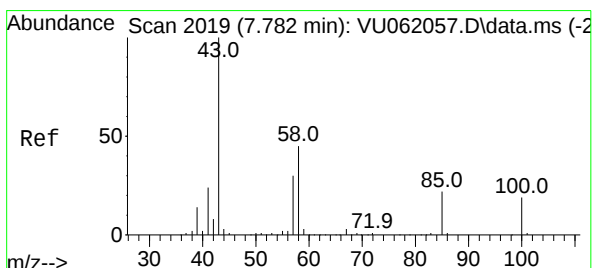
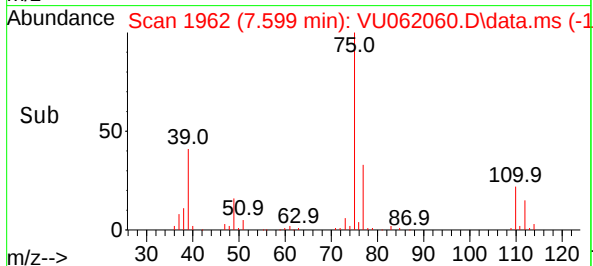
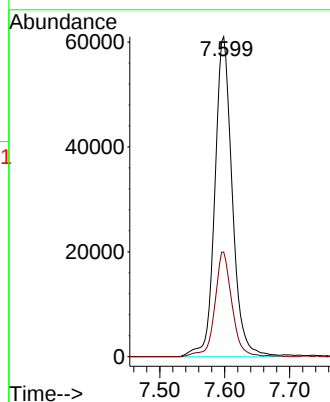
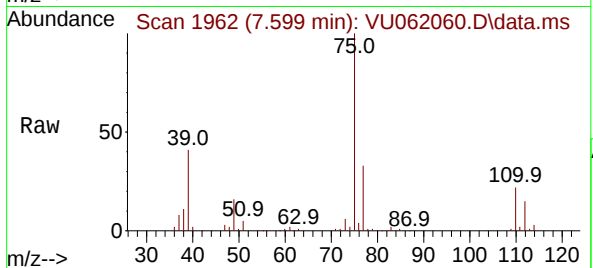




#39
 cis-1,3-Dichloropropene
 Concen: 53.579 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062060.D
 Acq: 27 Nov 2024 17:55

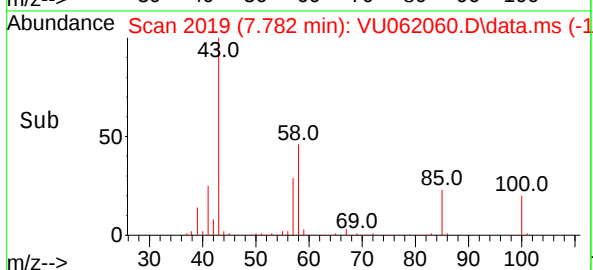
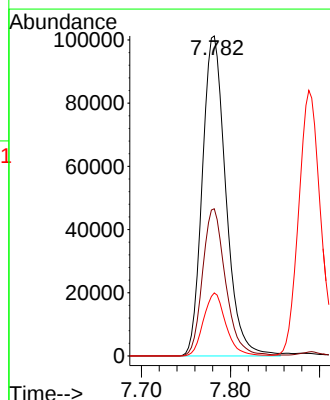
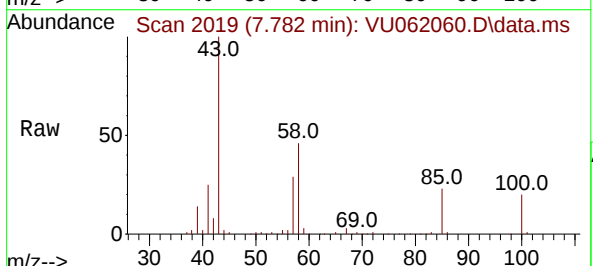
Instrument :
 MSVOA_U
 ClientSampleId :

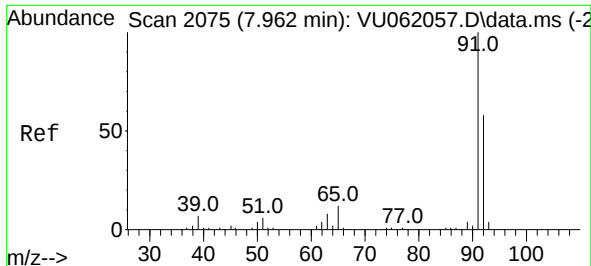
Tgt Ion: 75 Resp: 113744
 Ion Ratio Lower Upper
 75 100
 77 32.7 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 112.945 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062060.D
 Acq: 27 Nov 2024 17:55

Tgt Ion: 43 Resp: 185491
 Ion Ratio Lower Upper
 43 100
 58 45.2 35.7 53.5
 100 18.8 14.6 21.8





#42

Toluene

Concen: 52.135 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.004 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

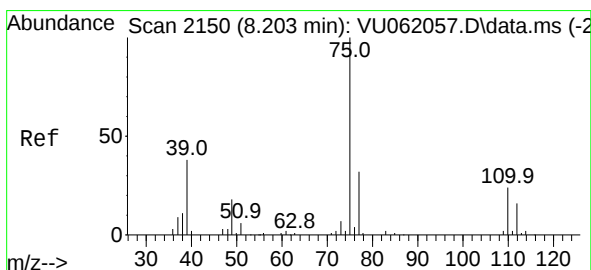
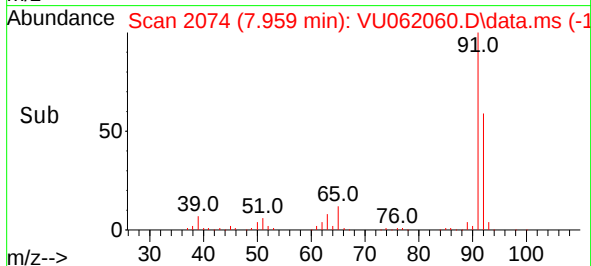
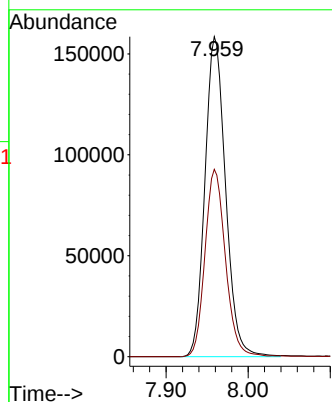
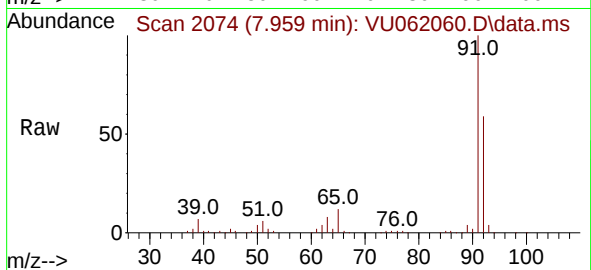
ClientSampleId :

Tgt Ion: 91 Resp: 276909

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 53.606 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.004 min

Lab File: VU062060.D

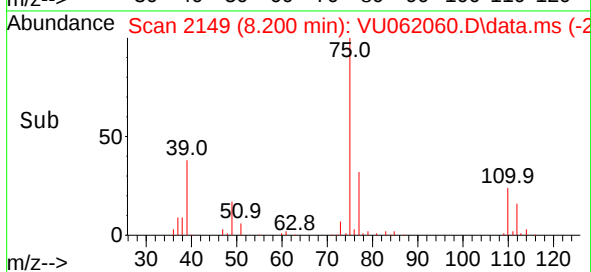
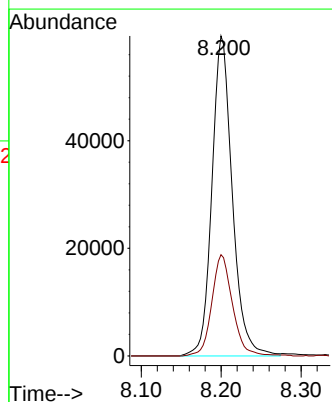
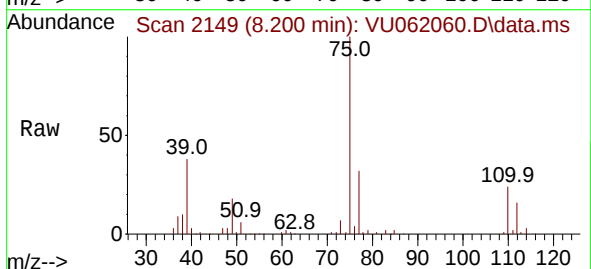
Acq: 27 Nov 2024 17:55

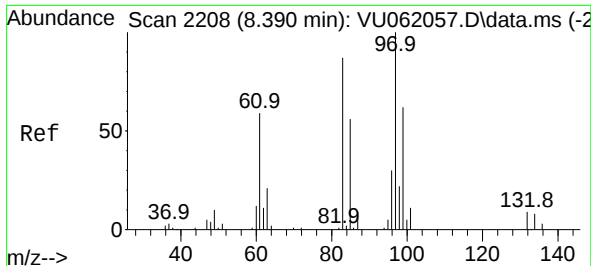
Tgt Ion: 75 Resp: 105230

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6

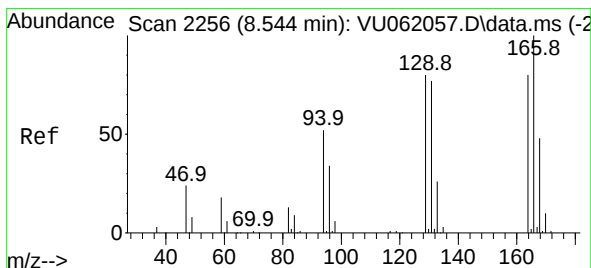
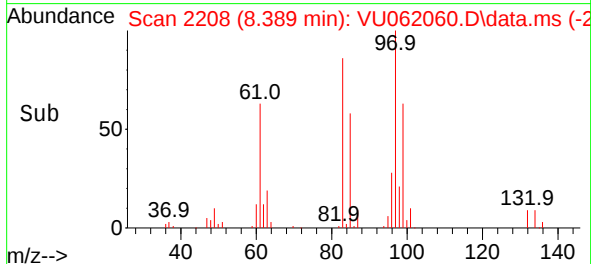
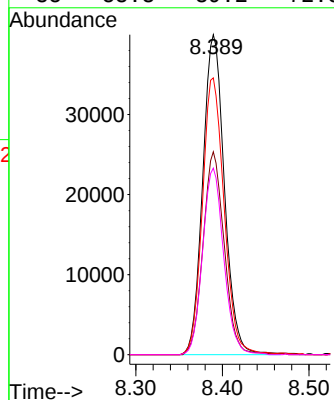
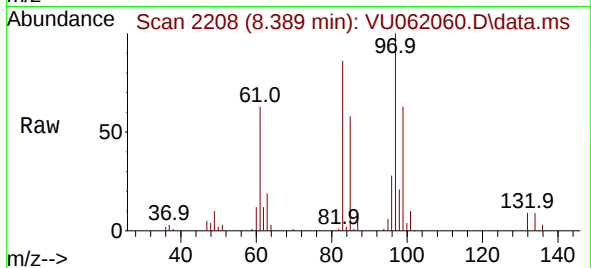




#45
1,1,2-Trichloroethane
Concen: 53.314 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

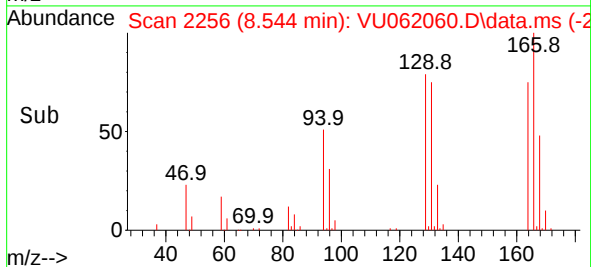
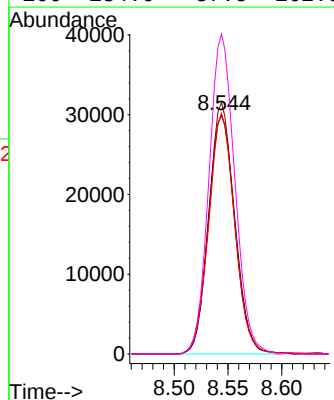
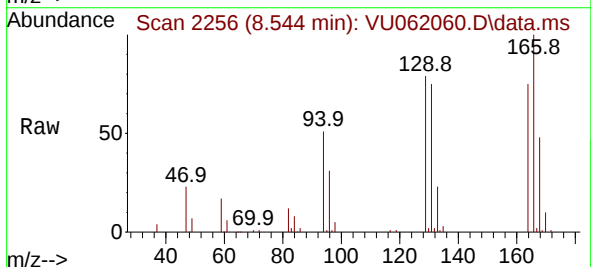
Instrument :
MSVOA_U
ClientSampleId :

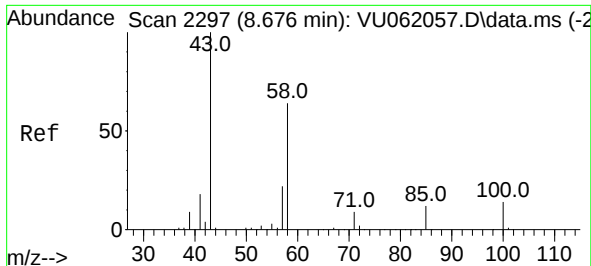
Tgt Ion:	97	Resp:	69560
Ion Ratio	Lower	Upper	
97	100		
99	63.4	43.5	80.7
83	86.5	60.8	113.0
85	58.3	39.2	72.8



#46
Tetrachloroethene
Concen: 50.159 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion:	164	Resp:	51708
Ion Ratio	Lower	Upper	
164	100		
129	105.3	70.4	130.8
131	100.8	67.8	125.8
166	134.0	87.5	162.5

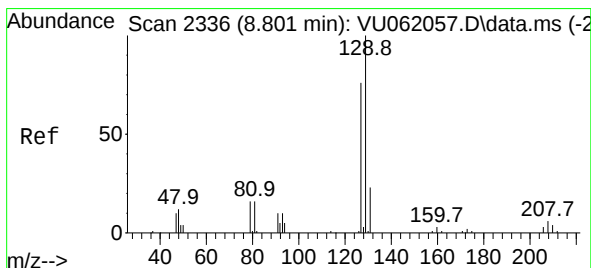
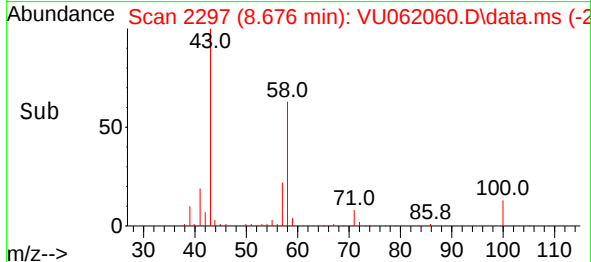
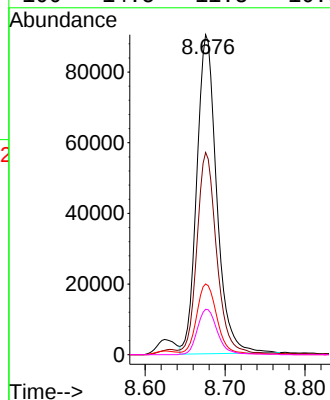
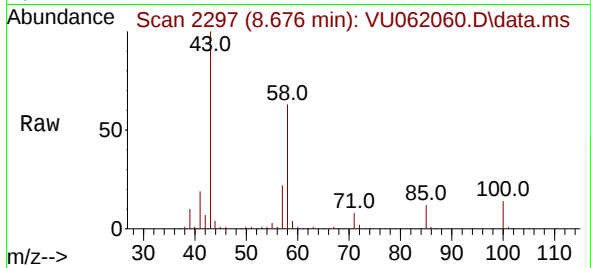




#48
2-Hexanone
Concen: 113.199 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

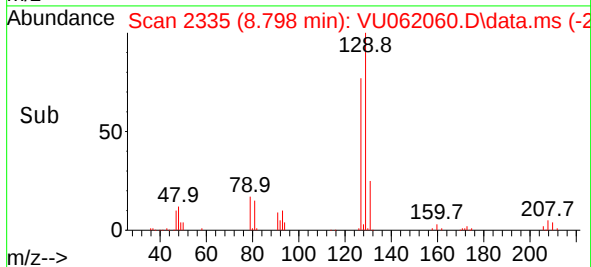
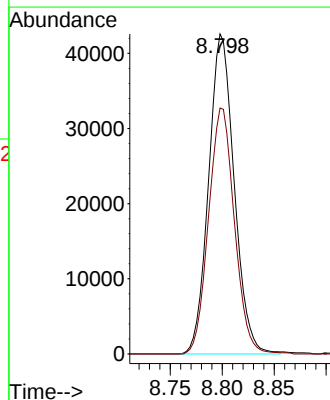
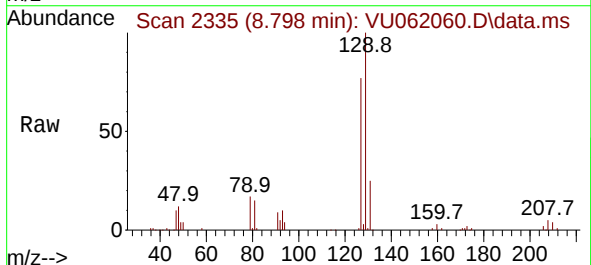
Instrument :
MSVOA_U
ClientSampleId :

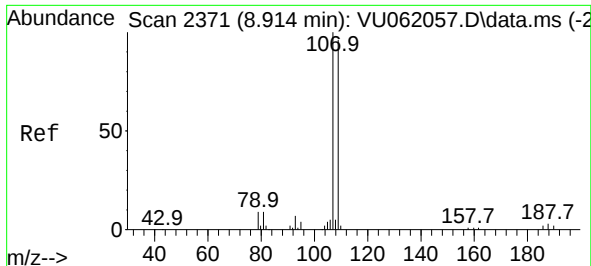
Tgt Ion:	43	Resp:	156720
Ion	Ratio	Lower	Upper
43	100		
58	61.5	51.7	77.5
57	22.6	18.5	27.7
100	14.5	11.3	16.9



#49
Dibromochloromethane
Concen: 53.445 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.004 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion:	129	Resp:	72863
Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.3	99.1





#50

1,2-Dibromoethane

Concen: 53.704 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU062060.D

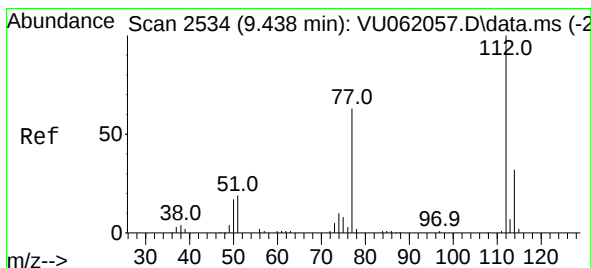
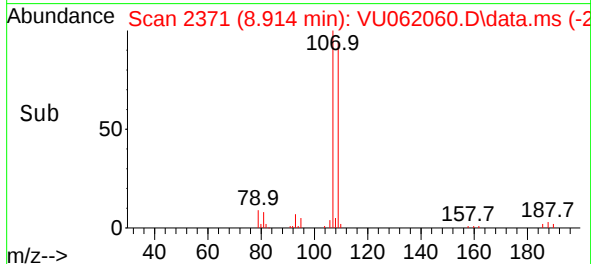
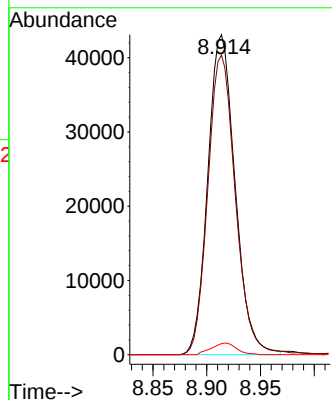
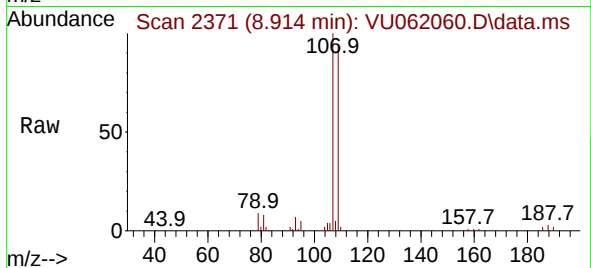
Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	76116
Ion Ratio	Lower	Upper
107	100	
109	93.7	67.1 124.7
188	3.5	2.6 4.0



#51

Chlorobenzene

Concen: 51.730 ug/L

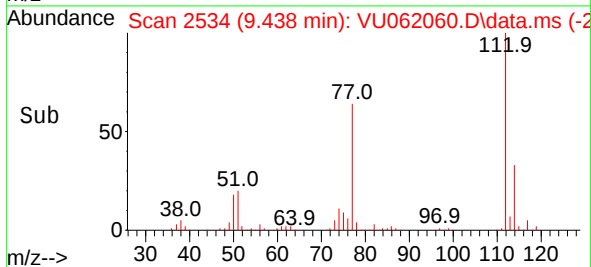
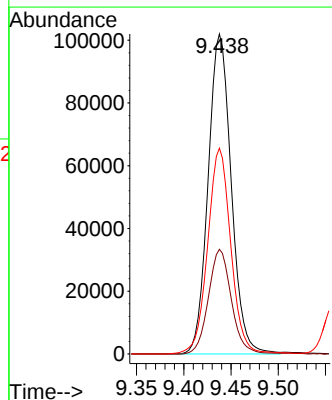
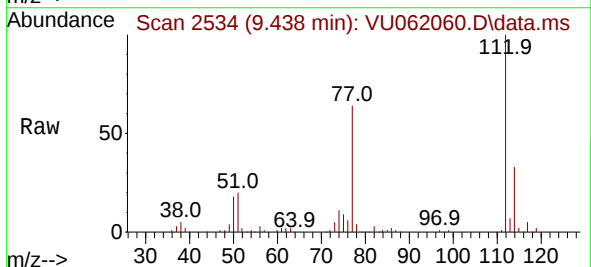
RT: 9.438 min Scan# 2534

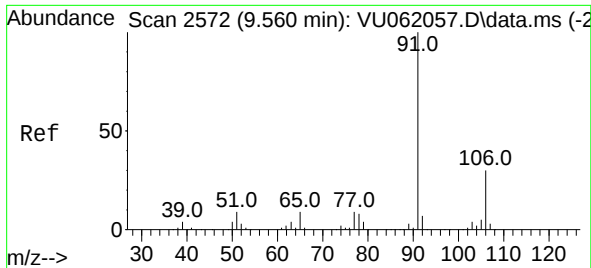
Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Tgt Ion:112	Resp:	173569
Ion Ratio	Lower	Upper
112	100	
114	32.7	22.0 41.0
77	64.3	50.8 76.2

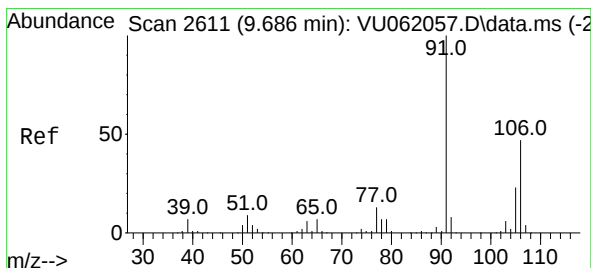
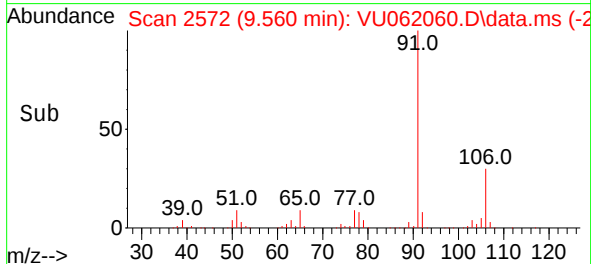
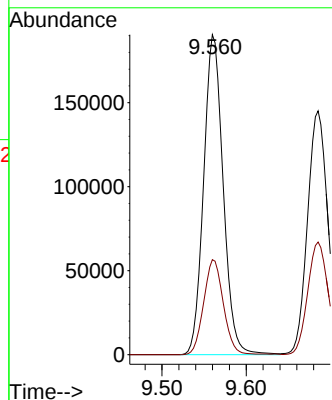
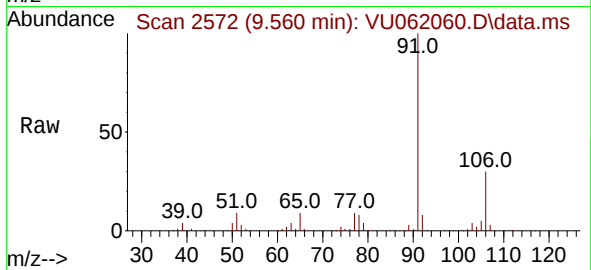




#52
Ethylbenzene
Concen: 52.699 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

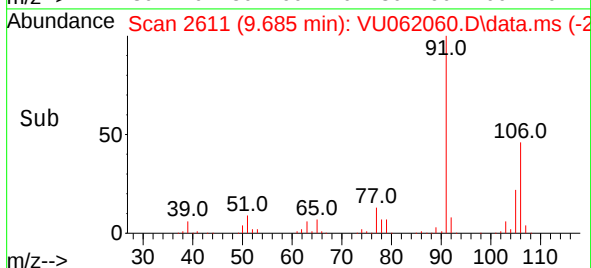
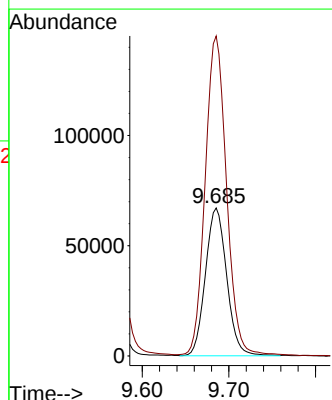
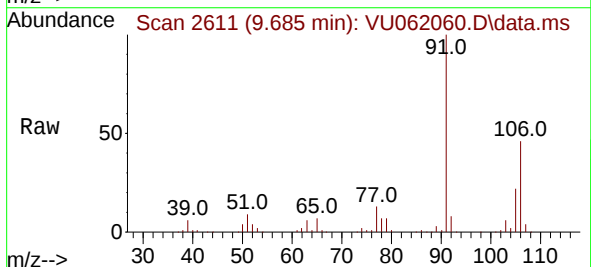
Instrument :
MSVOA_U
ClientSampleId :

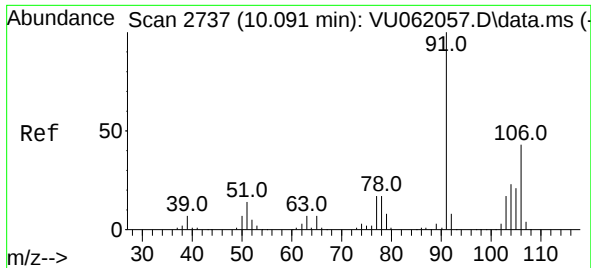
Tgt Ion: 91 Resp: 307493
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 53.130 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion:106 Resp: 114633
Ion Ratio Lower Upper
106 100
91 216.3 147.9 274.7

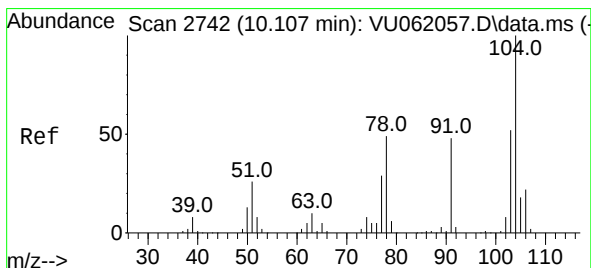
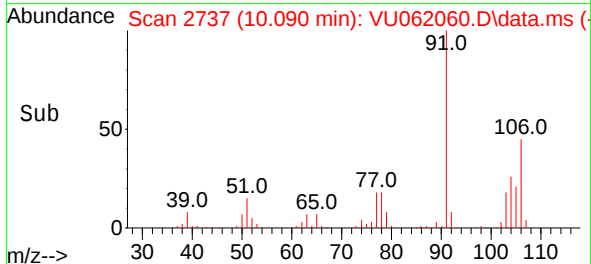
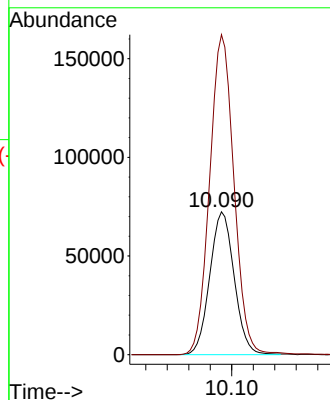
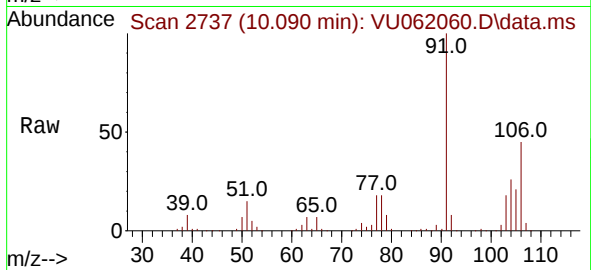




#54
o-Xylene
Concen: 54.150 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

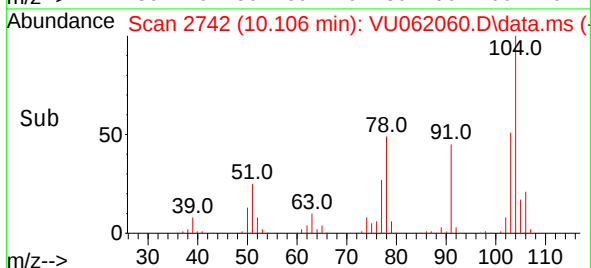
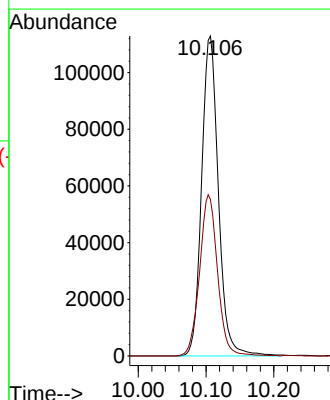
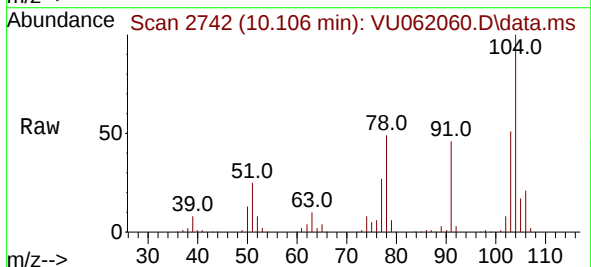
Instrument :
MSVOA_U
ClientSampleId :

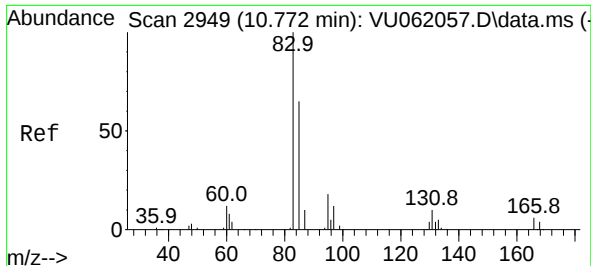
Tgt Ion:106 Resp: 114296
Ion Ratio Lower Upper
106 100
91 223.9 161.0 299.0



#55
Styrene
Concen: 54.663 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion:104 Resp: 194129
Ion Ratio Lower Upper
104 100
78 48.9 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 54.574 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

ClientSampleId :

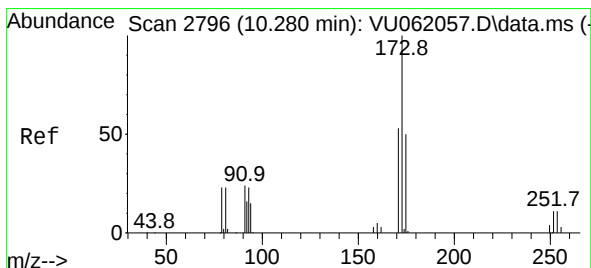
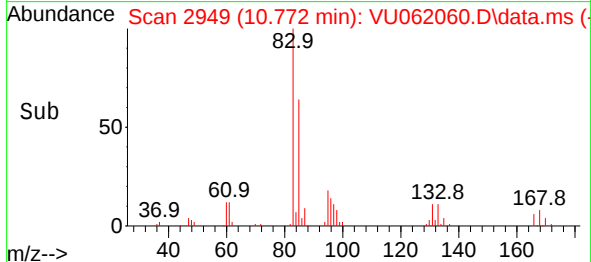
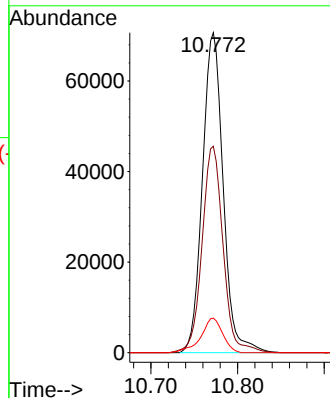
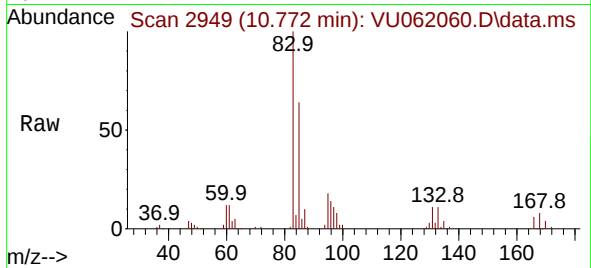
Tgt Ion: 83 Resp: 117509

Ion Ratio Lower Upper

83 100

85 64.5 46.5 86.3

131 10.8 8.4 12.6



#59

Bromoform

Concen: 53.521 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

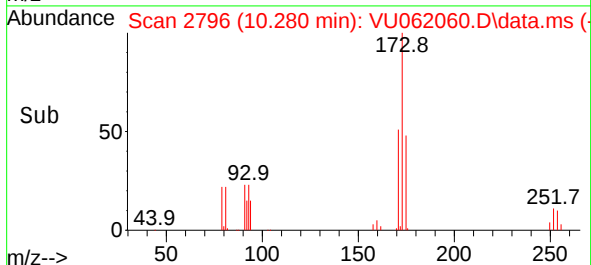
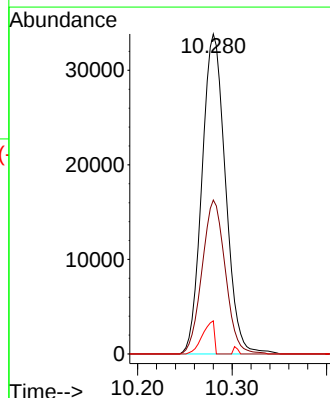
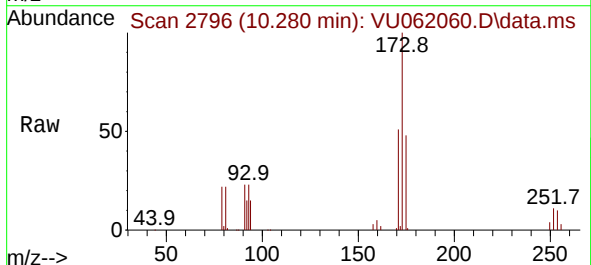
Tgt Ion:173 Resp: 58317

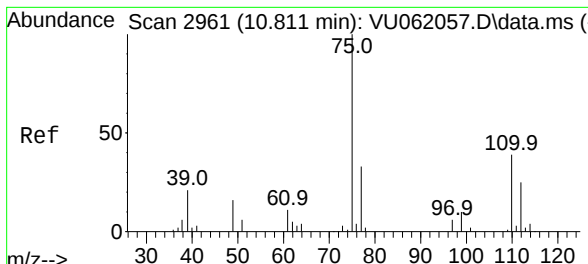
Ion Ratio Lower Upper

173 100

175 47.7 39.2 58.8

254 5.2 1.7 2.5#

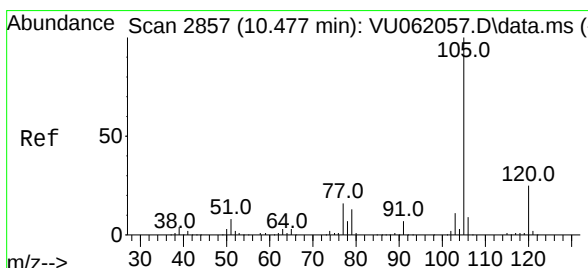
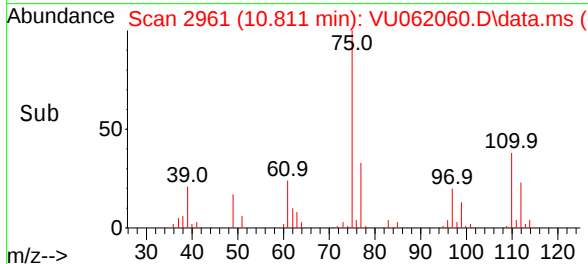
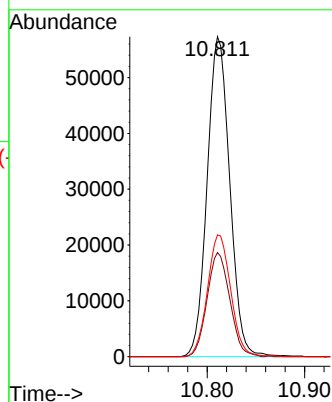
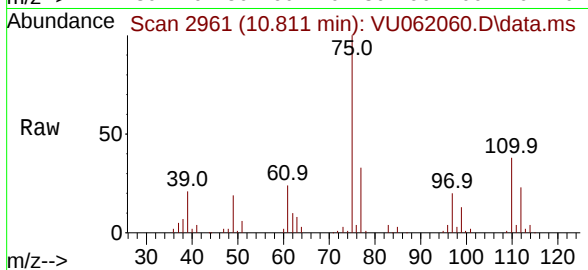




#60
1,2,3-Trichloropropane
Concen: 52.242 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

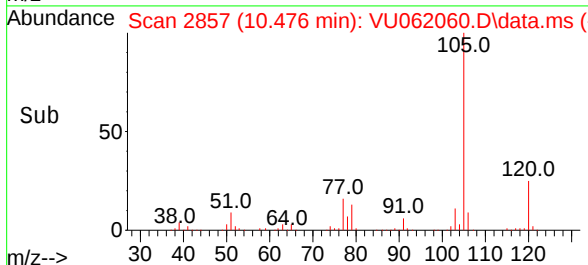
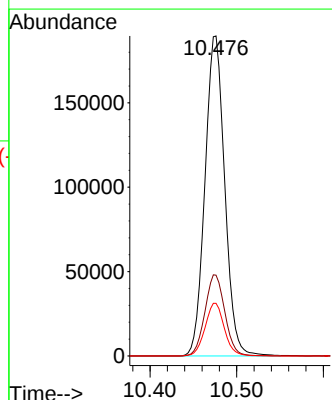
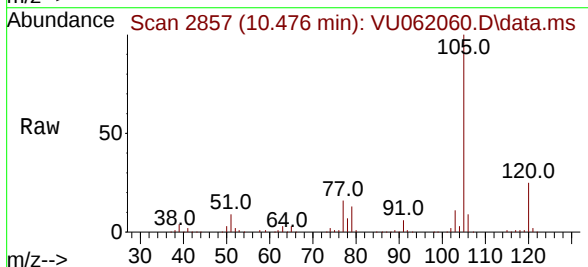
Instrument :
MSVOA_U
ClientSampleId :

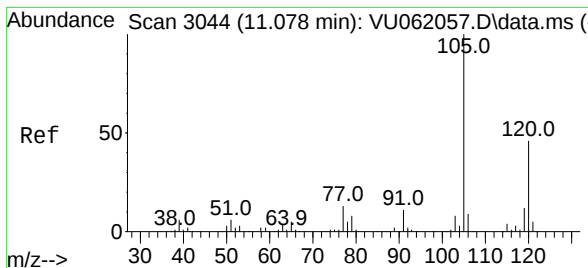
Tgt Ion:	75	Resp:	92273
Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.4
110	39.1	30.7	46.1



#61
Isopropylbenzene
Concen: 51.717 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion:	105	Resp:	300958
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.0	30.0
77	16.1	13.1	19.7





#62

1,3,5-Trimethylbenzene

Concen: 51.570 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

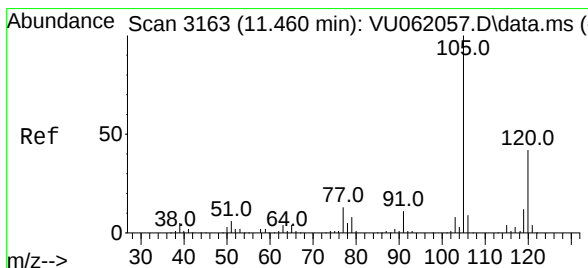
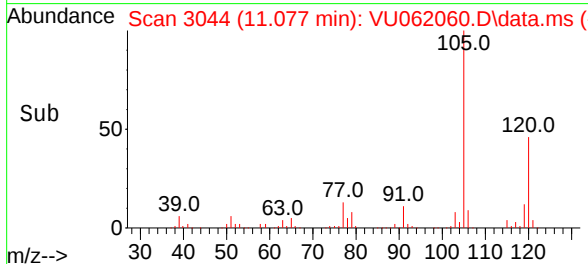
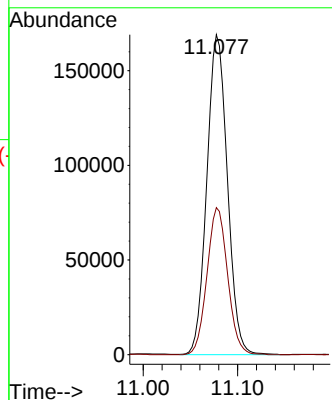
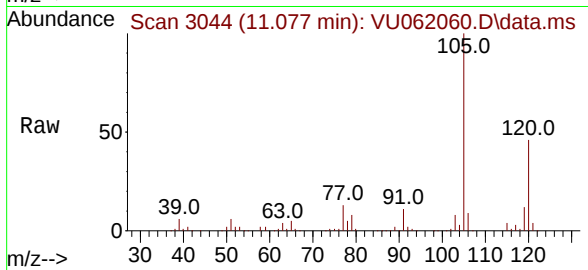
ClientSampleId :

Tgt Ion:105 Resp: 255510

Ion Ratio Lower Upper

105 100

120 46.1 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 52.625 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062060.D

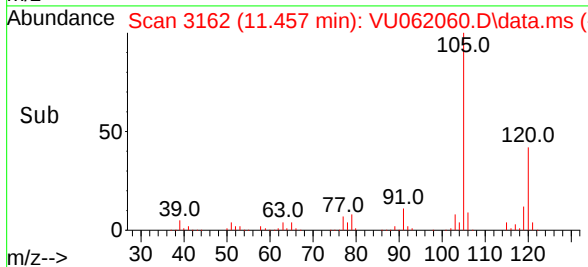
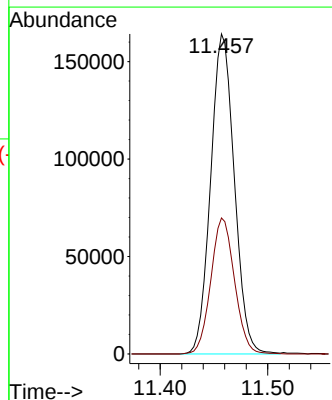
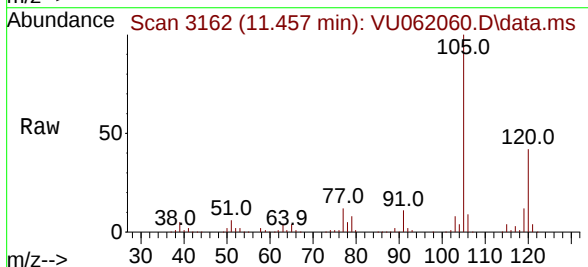
Acq: 27 Nov 2024 17:55

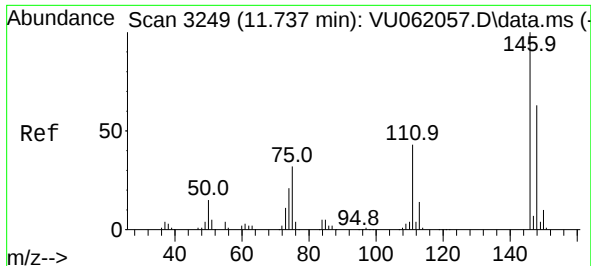
Tgt Ion:105 Resp: 251059

Ion Ratio Lower Upper

105 100

120 42.5 33.8 50.8





#64

1,3-Dichlorobenzene

Concen: 50.734 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

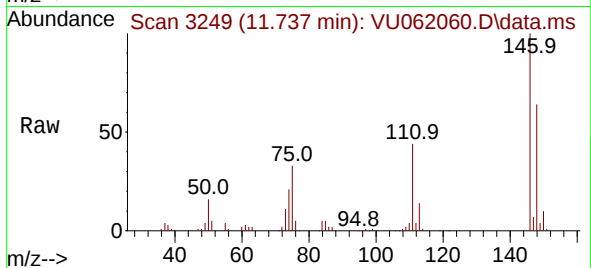
Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

ClientSampleId :



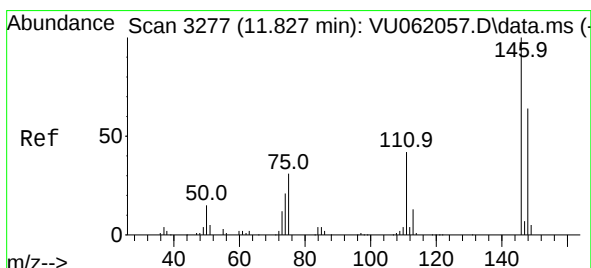
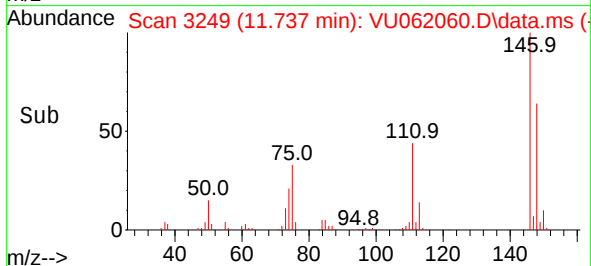
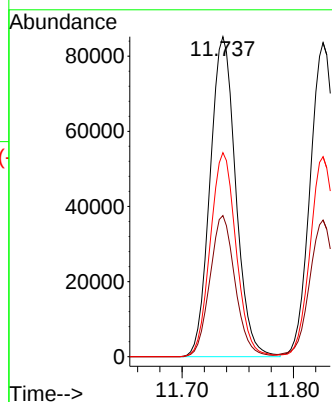
Tgt Ion:146 Resp: 136432

Ion Ratio Lower Upper

146 100

111 44.1 29.8 55.4

148 63.8 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 50.721 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

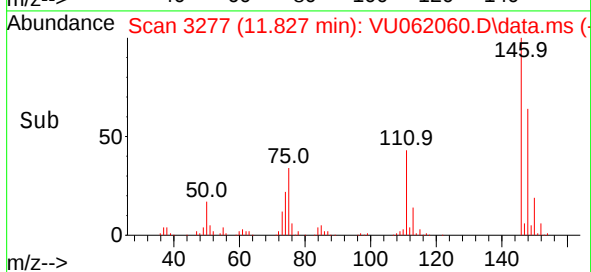
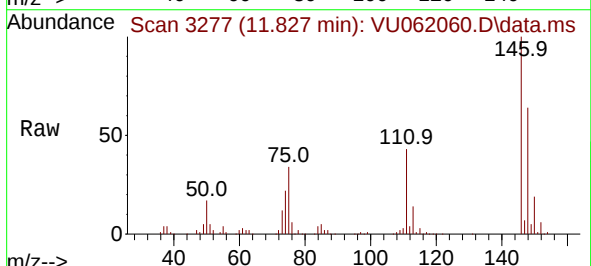
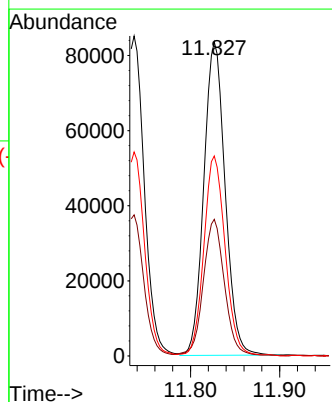
Tgt Ion:146 Resp: 138436

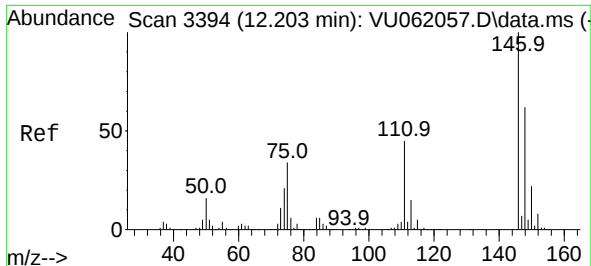
Ion Ratio Lower Upper

146 100

111 43.5 29.4 54.6

148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 51.376 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

ClientSampleId :

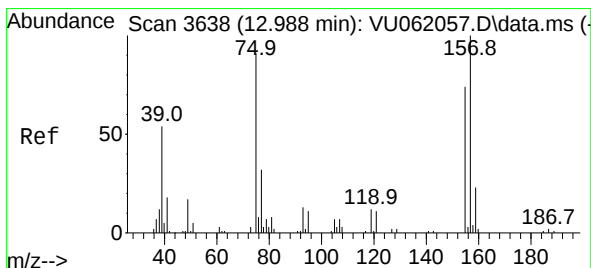
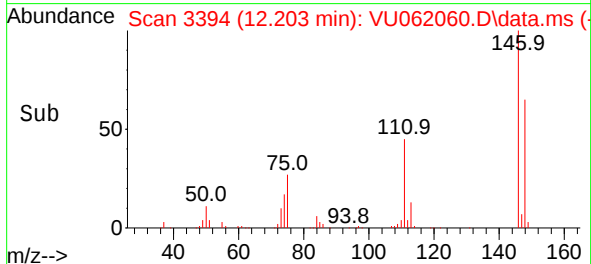
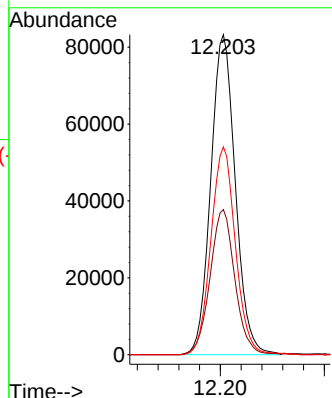
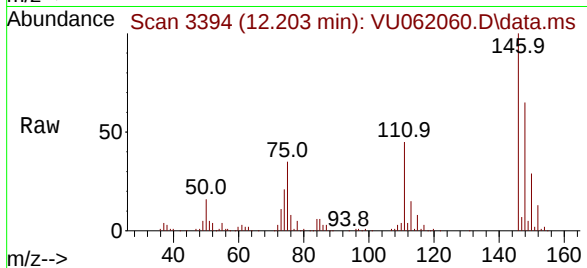
Tgt Ion:146 Resp: 136465

Ion Ratio Lower Upper

146 100

111 45.4 36.1 54.1

148 65.0 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 55.020 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

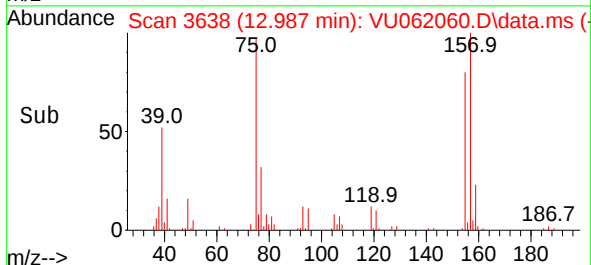
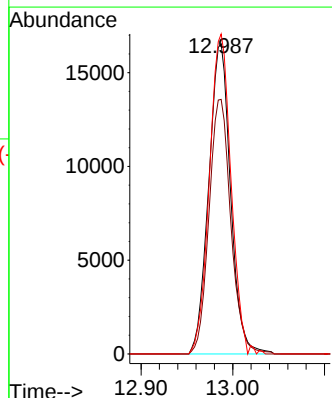
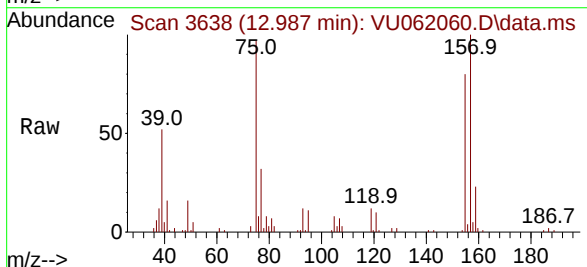
Tgt Ion: 75 Resp: 27388

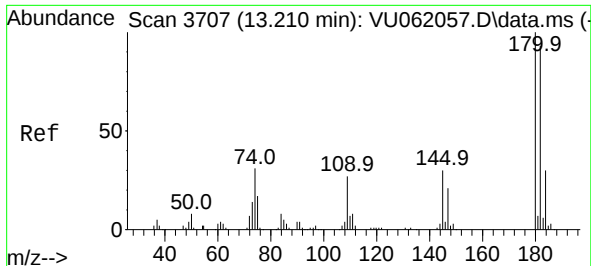
Ion Ratio Lower Upper

75 100

155 86.3 65.1 97.7

157 107.9 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 50.660 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 95909

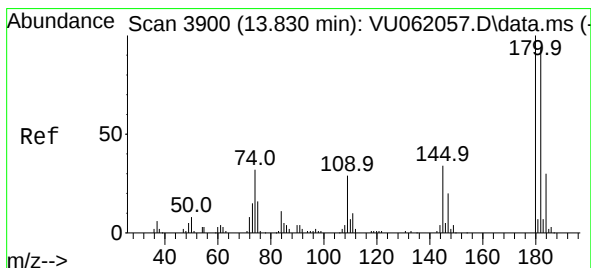
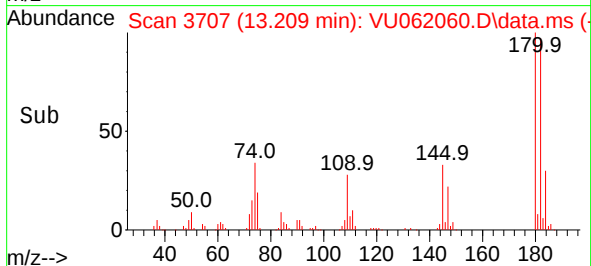
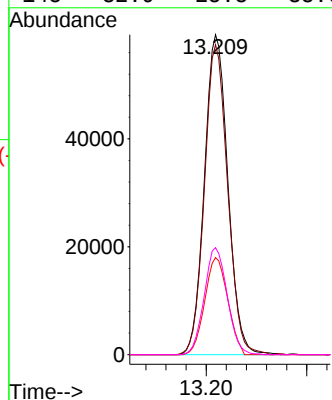
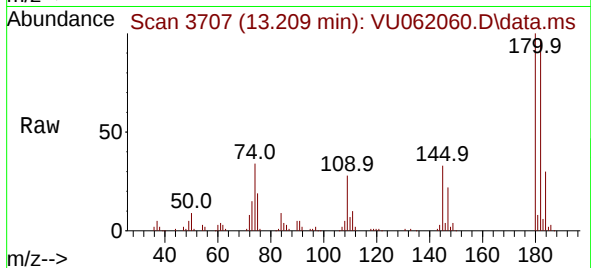
Ion Ratio Lower Upper

180 100

182 95.8 74.6 112.0

184 29.8 24.2 36.2

145 32.9 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 54.801 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU062060.D

Acq: 27 Nov 2024 17:55

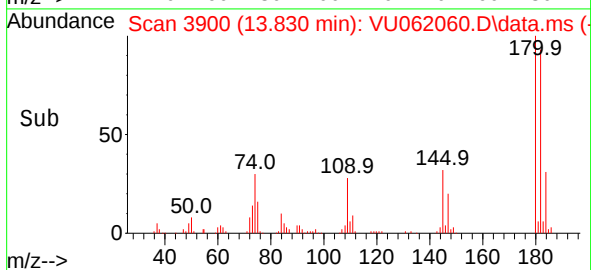
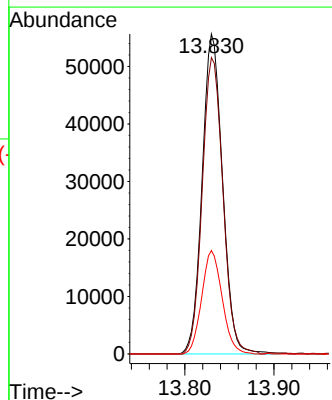
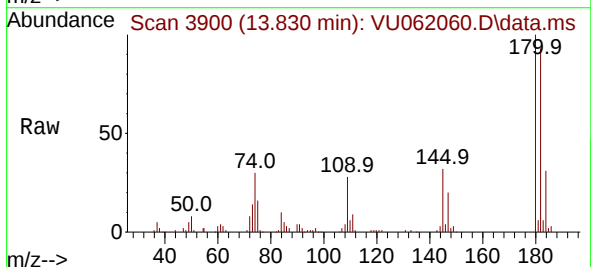
Tgt Ion:180 Resp: 88577

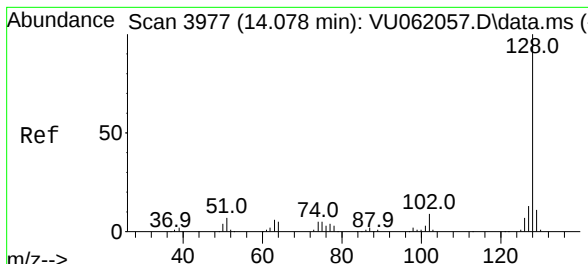
Ion Ratio Lower Upper

180 100

182 93.7 76.6 114.8

145 32.3 27.1 40.7

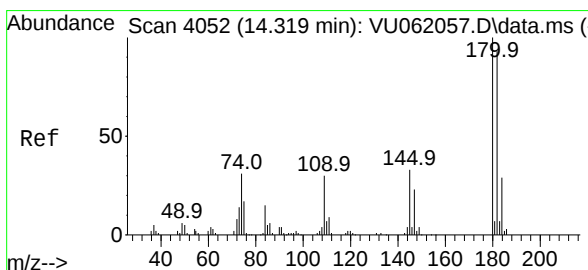
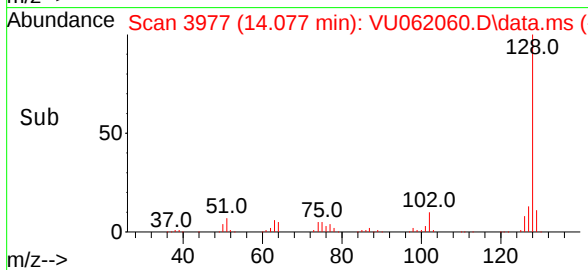
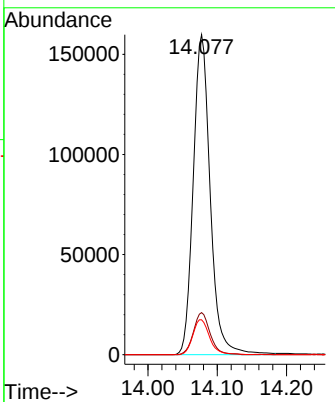
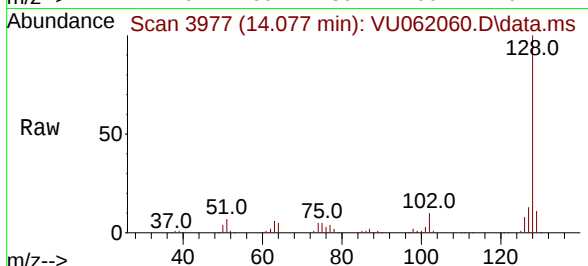




#71
Naphthalene
Concen: 62.276 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	272738
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 54.634 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.000 min
Lab File: VU062060.D
Acq: 27 Nov 2024 17:55

Tgt Ion:	180	Resp:	85244
Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
145	35.4	27.4	41.0

