

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
 Data File : VU060611.D
 Acq On : 04 Sep 2024 19:55
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 03:59:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 05 03:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35888	5.369	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.911	69	33493	3.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.200%
11) 1,1-Dichloroethene-d2	2.563	65	15277	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.634	46	92540	40.259	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.520%
24) Chloroform-d	5.055	84	78990	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.698	65	39893	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	5.721	84	148078	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	48940	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	139470	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.174	79	15786	4.042	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.631	63	72578	38.816	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40252	4.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	50882	4.332	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	77658	4.522	ug/L	98
3) Chloromethane	1.515	50	83909	5.639	ug/L	98
5) Vinyl chloride	1.602	62	84537	5.770	ug/L	95
6) Bromomethane	1.856	94	52492	3.560	ug/L	97
8) Chloroethane	1.930	64	49079	3.671	ug/L	98
9) Trichlorofluoromethane	2.132	101	112456	3.530	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	58571	4.346	ug/L	95
12) 1,1-Dichloroethene	2.573	96	54186	4.369	ug/L	98
13) Acetone	2.650	43	86810	45.134	ug/L	100
14) Carbon disulfide	2.788	76	177900	4.420	ug/L	100
15) Methyl Acetate	2.955	43	21810	5.545	ug/L	95
16) Methylene chloride	3.039	84	67616	5.612	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	126691	5.033	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	55846	5.172	ug/L	100
19) 1,1-Dichloroethane	3.859	63	113739	5.198	ug/L	95
21) 2-Butanone	4.711	43	146040	55.522	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	61307	5.095	ug/L	98
23) Bromochloromethane	4.971	128	28267	5.169	ug/L	95
25) Chloroform	5.078	83	115110	4.970	ug/L	98

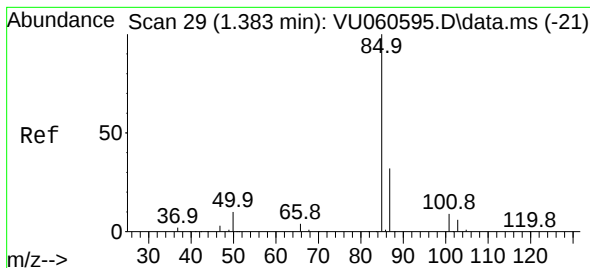
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 05 03:55:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	74086	4.766	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	96292	4.545	ug/L	97
30) Cyclohexane	5.380	56	86644	4.940	ug/L	98
31) Carbon tetrachloride	5.518	117	86783	4.432	ug/L	97
33) Benzene	5.766	78	251579	5.128	ug/L	100
34) Trichloroethene	6.534	95	64900	4.880	ug/L	97
35) Methylcyclohexane	6.756	83	87923	4.819	ug/L	98
37) 1,2-Dichloropropane	6.782	63	67451	5.366	ug/L #	98
38) Bromodichloromethane	7.097	83	80866	4.895	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	89534	4.858	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	358009	54.683	ug/L	99
42) Toluene	7.962	91	267230	5.154	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	75108	4.964	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	47853	5.255	ug/L	97
47) Tetrachloroethene	8.547	164	49665	4.556	ug/L	98
48) 2-Hexanone	8.679	43	259484	52.959	ug/L	100
49) Dibromochloromethane	8.801	129	53829	5.106	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43722	5.230	ug/L #	94
51) Chlorobenzene	9.441	112	168728	5.027	ug/L	98
52) Ethylbenzene	9.563	91	275292	5.011	ug/L	99
53) m,p-Xylene	9.688	106	109643	5.368	ug/L	97
54) o-Xylene	10.093	106	104357	4.991	ug/L	99
55) Styrene	10.110	104	177563	5.183	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	58474	5.029	ug/L	95
59) Bromoform	10.283	173	32096	4.903	ug/L	97
60) Isopropylbenzene	10.476	105	272151	5.114	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42729	5.561	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	209948	5.294	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	211929	5.238	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	133954	5.144	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	131910	4.991	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	123183	5.042	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8220	4.740	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	93010	4.632	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	69886	4.314	ug/L	99
71) Naphthalene	14.080	128	104034	5.026	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	61854	4.562	ug/L	97

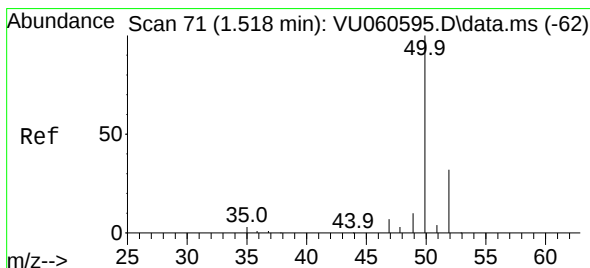
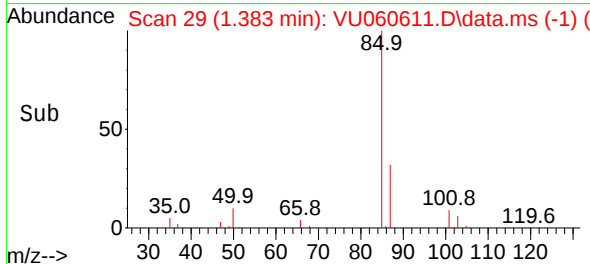
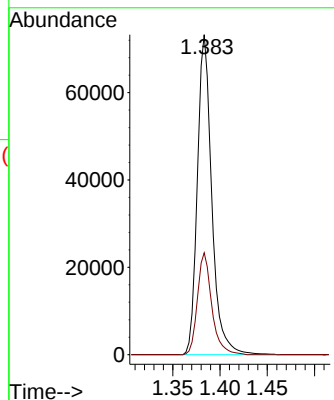
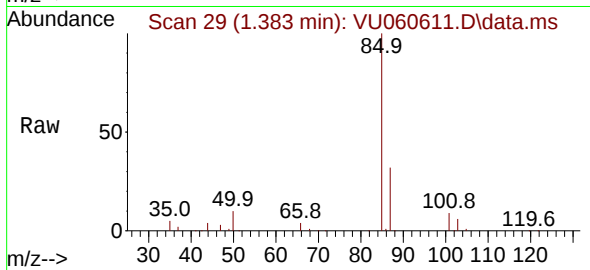
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.522 ug/L
RT: 1.383 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

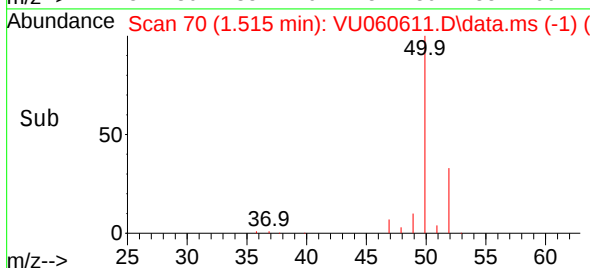
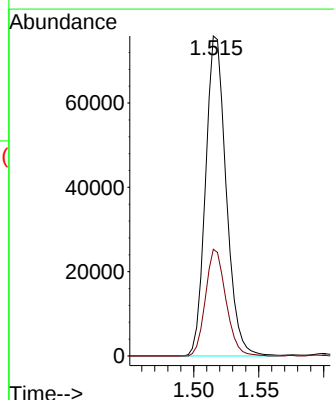
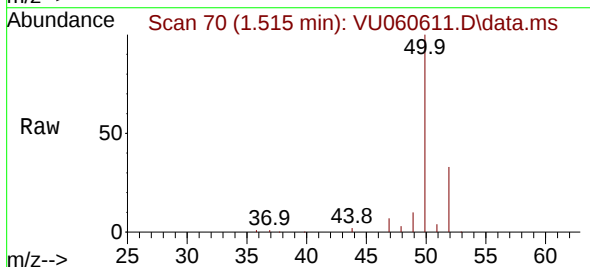
Instrument :
MSVOA_V
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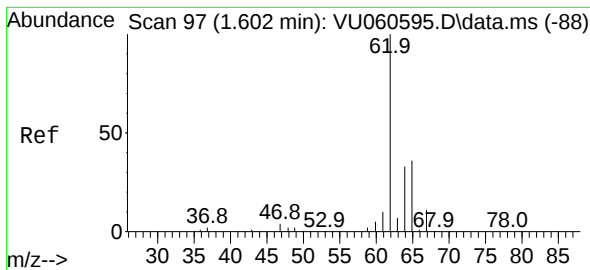
Tgt Ion: 85 Resp: 77658
Ion Ratio Lower Upper
85 100
87 31.7 26.2 39.4



#3
Chloromethane
Concen: 5.639 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion: 50 Resp: 83909
Ion Ratio Lower Upper
50 100
52 33.3 22.7 42.1





#5

Vinyl chloride

Concen: 5.770 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

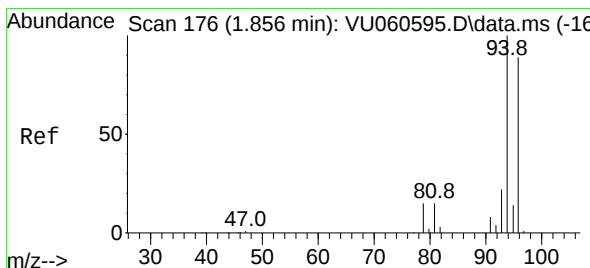
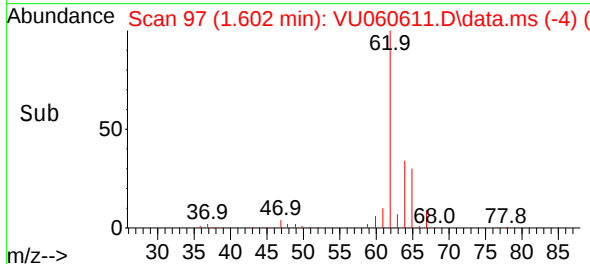
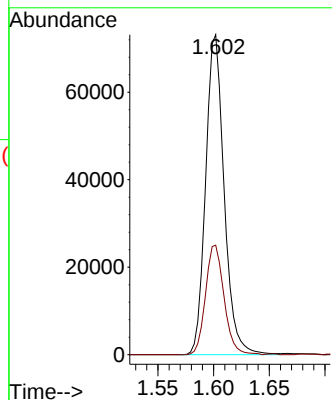
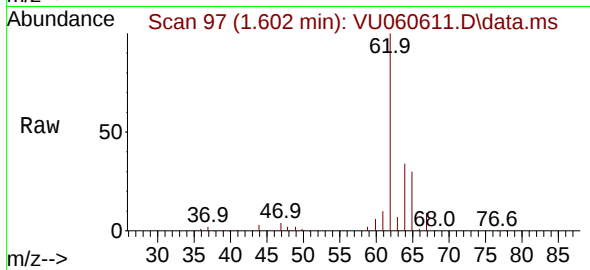
ClientSampleId :

Tgt Ion: 62 Resp: 84537

Ion Ratio Lower Upper

62 100

64 34.2 22.0 40.8



#6

Bromomethane

Concen: 3.560 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060611.D

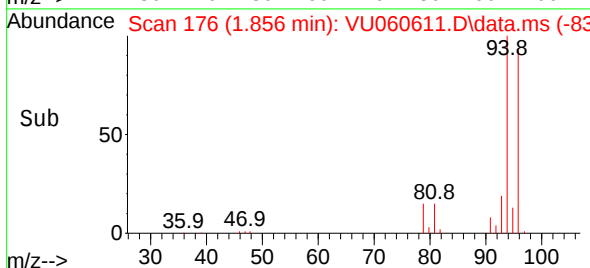
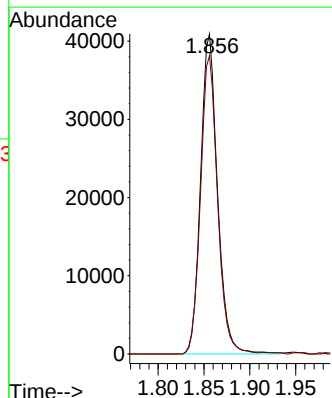
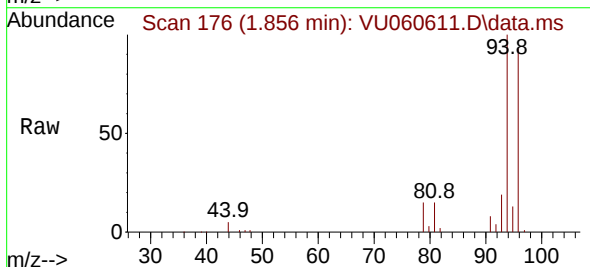
Acq: 04 Sep 2024 19:55

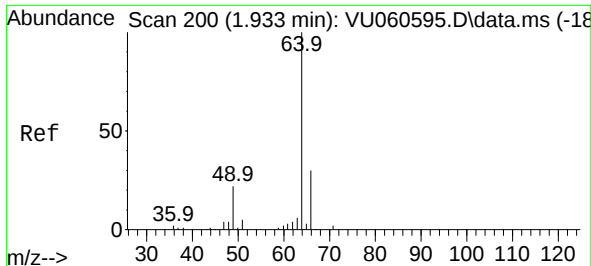
Tgt Ion: 94 Resp: 52492

Ion Ratio Lower Upper

94 100

96 93.2 63.3 117.5

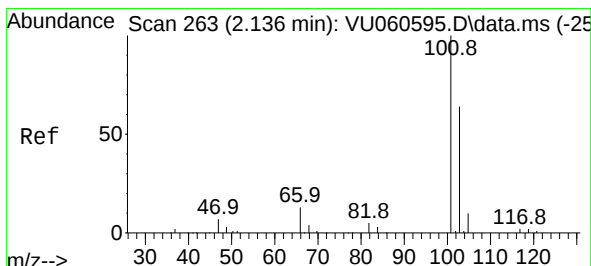
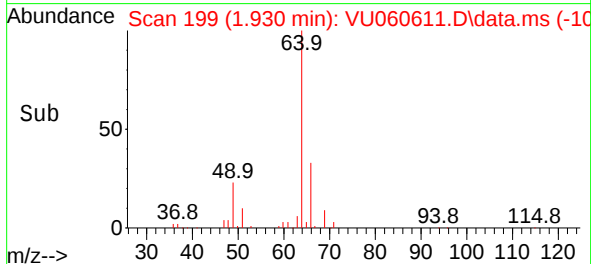
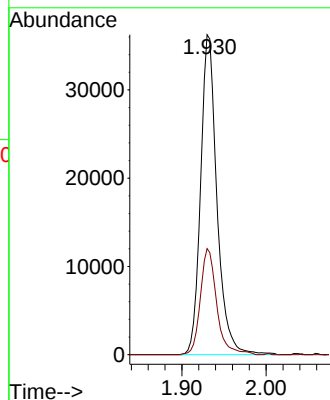
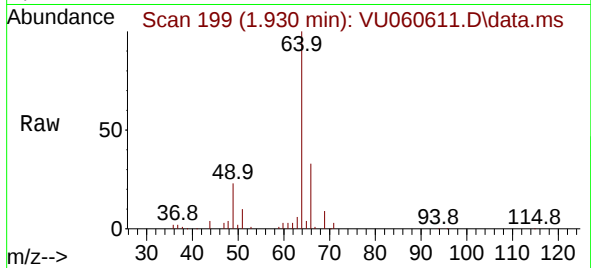




#8
Chloroethane
Concen: 3.671 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

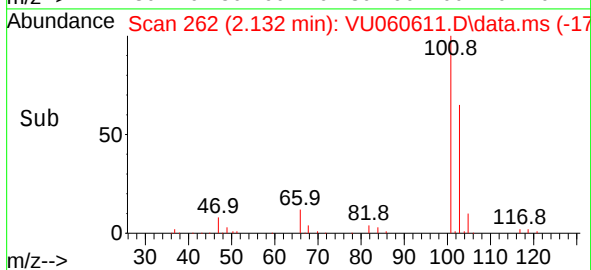
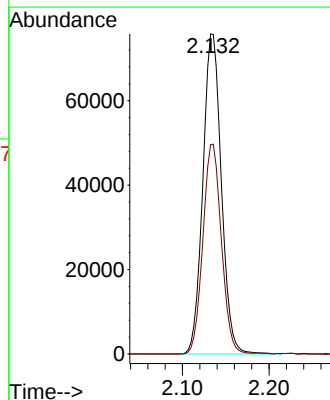
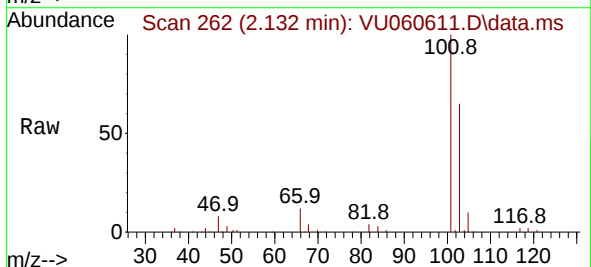
Instrument :
MSVOA_V
ClientSampleId :

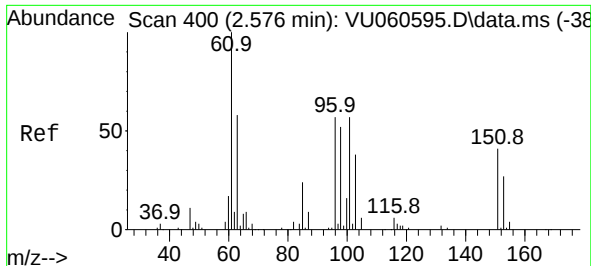
Tgt Ion: 64 Resp: 49079
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.530 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion:101 Resp: 112456
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

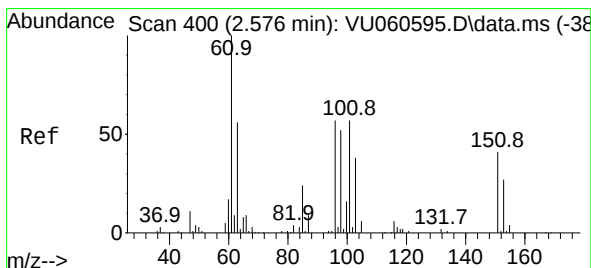
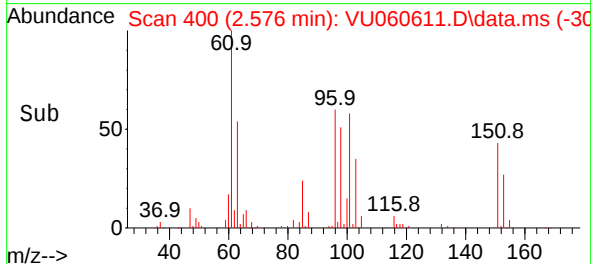
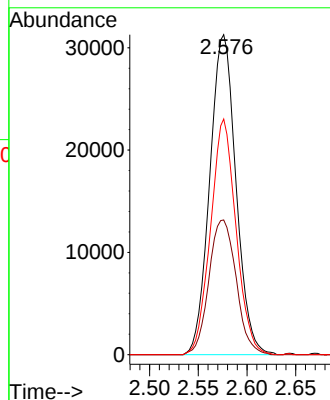
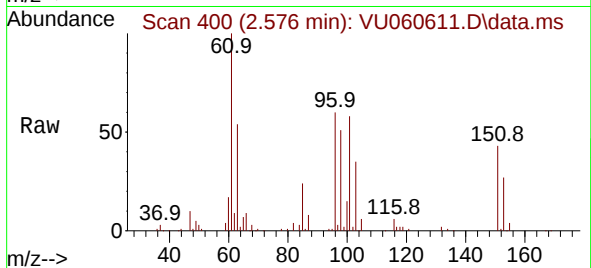




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.346 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060611.D
 Acq: 04 Sep 2024 19:55

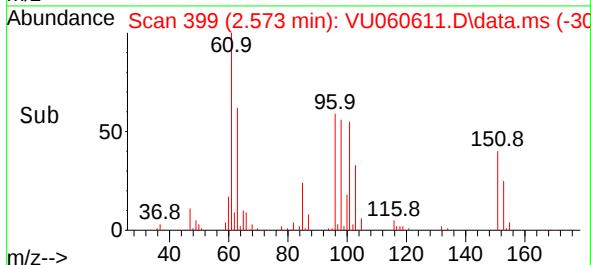
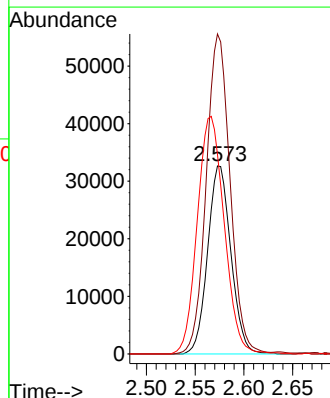
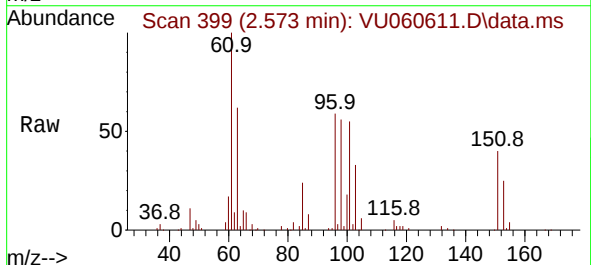
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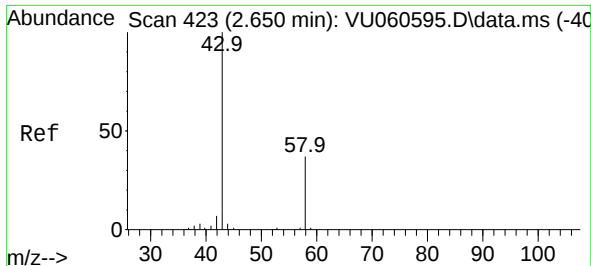
Tgt Ion:101 Resp: 58571
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.8 53.6
 151 71.5 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.369 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060611.D
 Acq: 04 Sep 2024 19:55

Tgt Ion: 96 Resp: 54186
 Ion Ratio Lower Upper
 96 100
 61 170.2 116.4 216.2
 63 106.2 74.8 139.0





#13

Acetone

Concen: 45.134 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

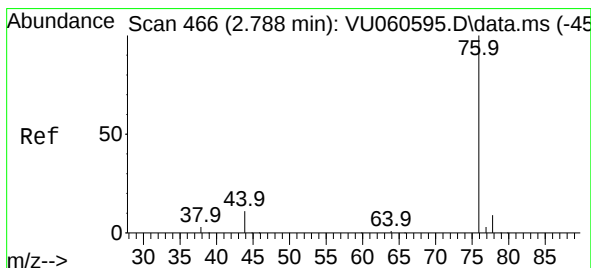
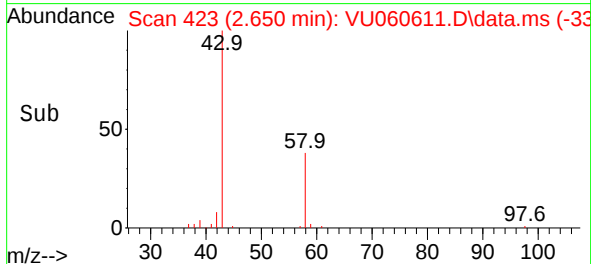
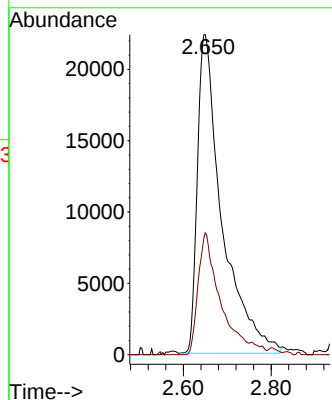
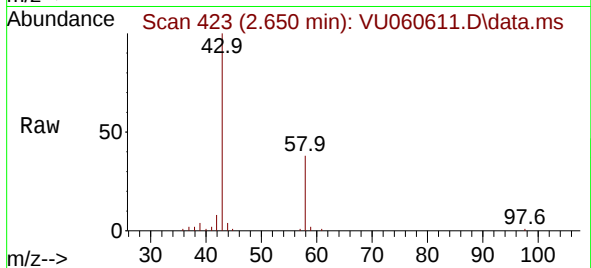
ClientSampleId :

Tgt Ion: 43 Resp: 86810

Ion Ratio Lower Upper

43 100

58 33.6 0.0 66.8



#14

Carbon disulfide

Concen: 4.420 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060611.D

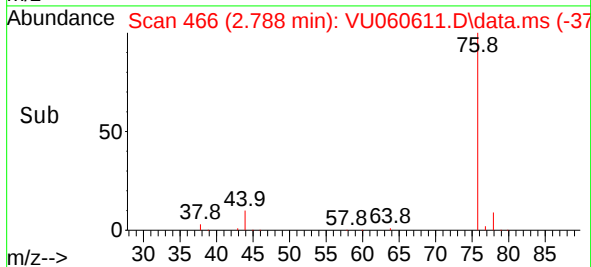
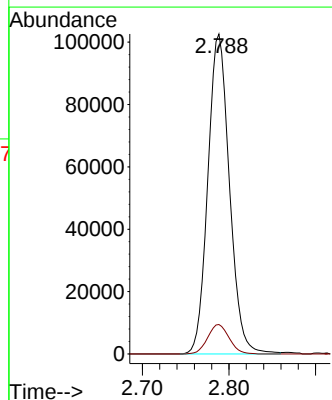
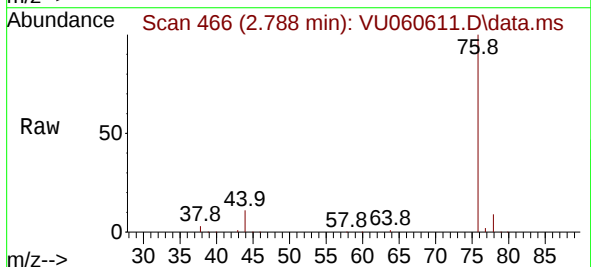
Acq: 04 Sep 2024 19:55

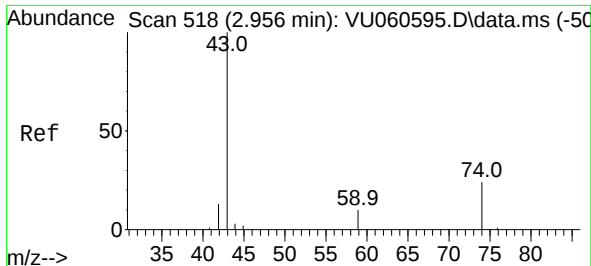
Tgt Ion: 76 Resp: 177900

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 5.545 ug/L

RT: 2.955 min Scan# 518

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

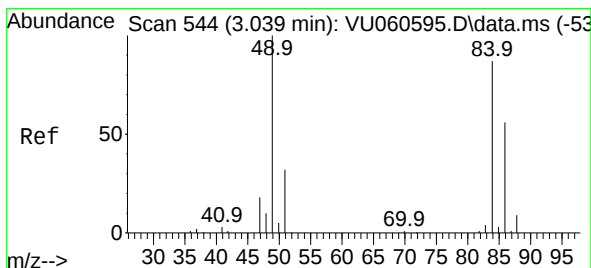
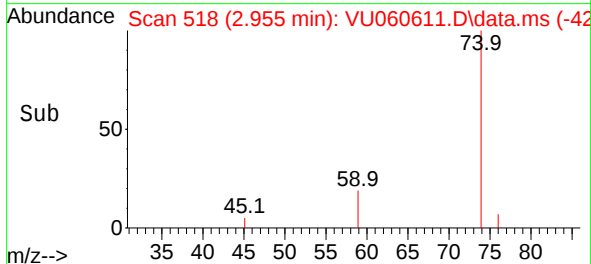
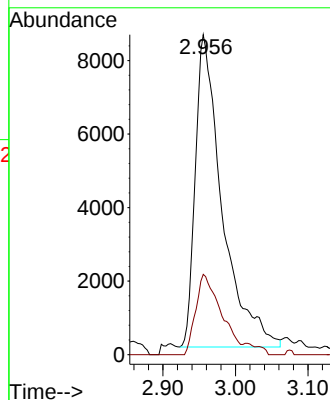
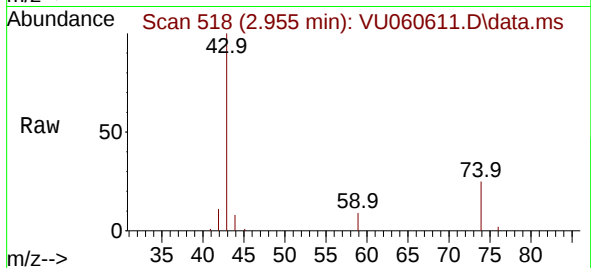
ClientSampleId :

Tgt Ion: 43 Resp: 21810

Ion Ratio Lower Upper

43 100

74 24.4 21.4 32.2



#16

Methylene chloride

Concen: 5.612 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

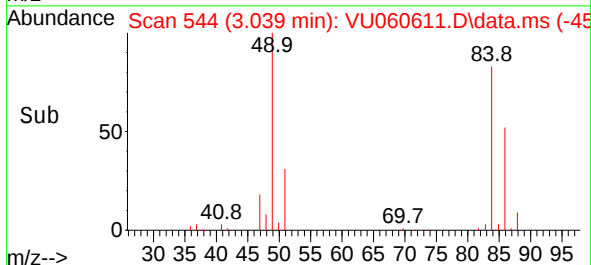
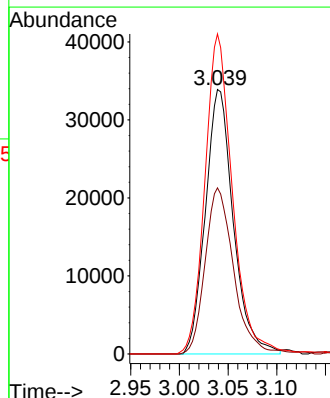
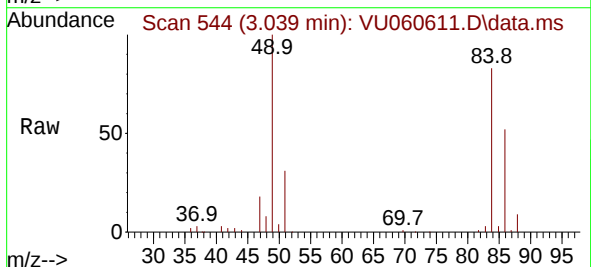
Tgt Ion: 84 Resp: 67616

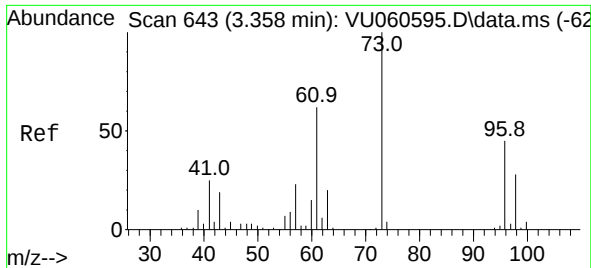
Ion Ratio Lower Upper

84 100

86 62.8 47.5 88.3

49 121.0 94.4 175.2

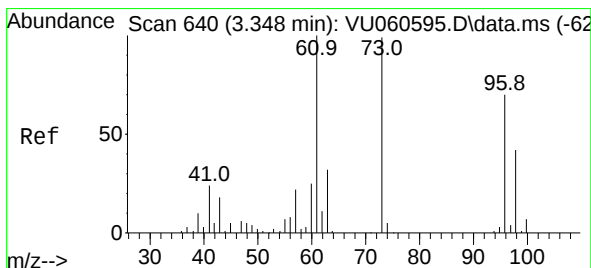
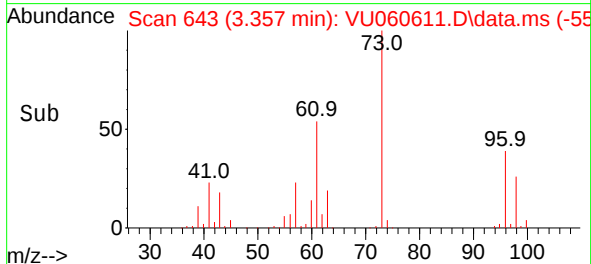
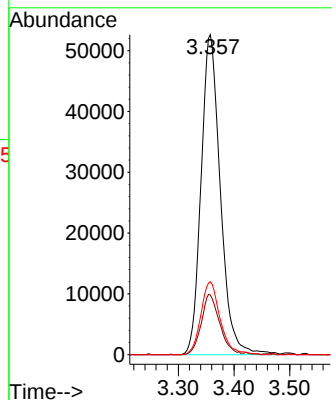
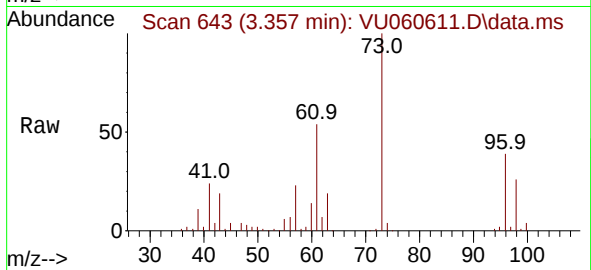




#17
Methyl tert-butyl Ether
Concen: 5.033 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

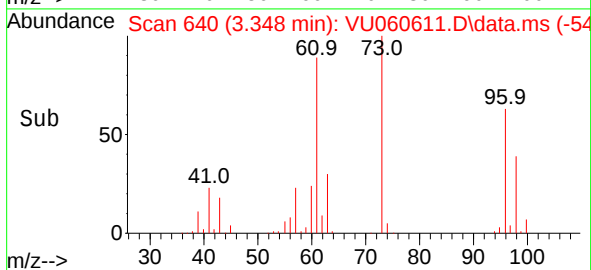
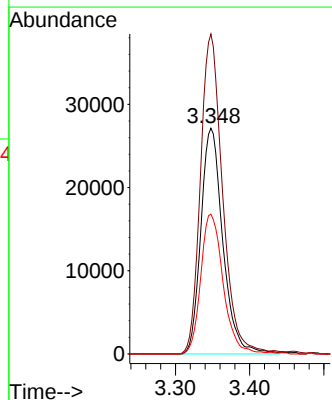
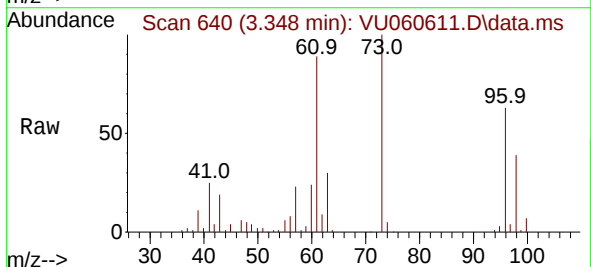
Instrument :
MSVOA_V
ClientSampleId :

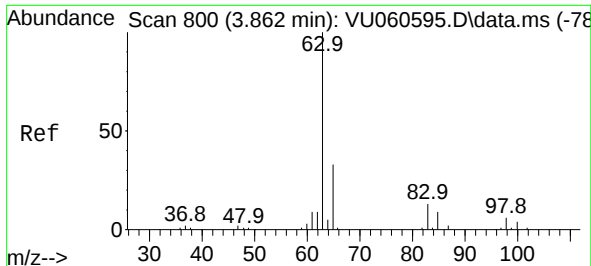
Tgt Ion: 73 Resp: 126691
Ion Ratio Lower Upper
73 100
43 18.0 15.8 23.6
57 22.7 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.172 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

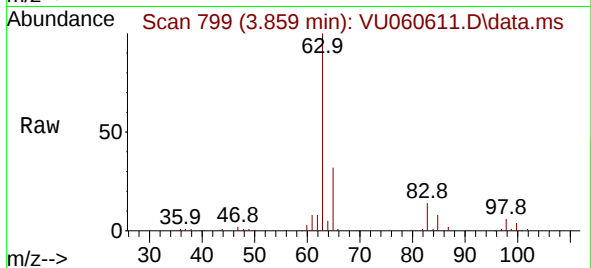
Tgt Ion: 96 Resp: 55846
Ion Ratio Lower Upper
96 100
61 141.8 99.2 184.2
98 61.9 44.0 81.8



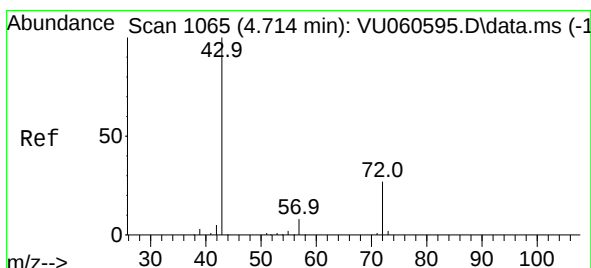
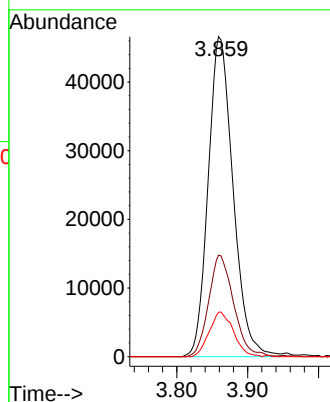
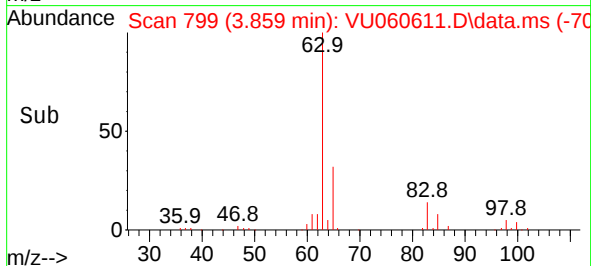


#19
1,1-Dichloroethane
Concen: 5.198 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Instrument :
MSVOA_V
ClientSampleId :

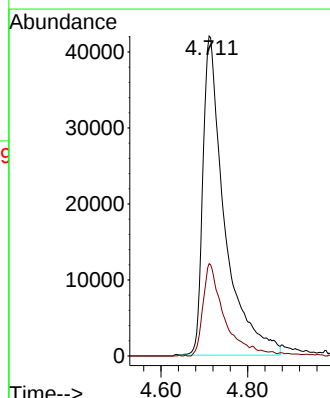
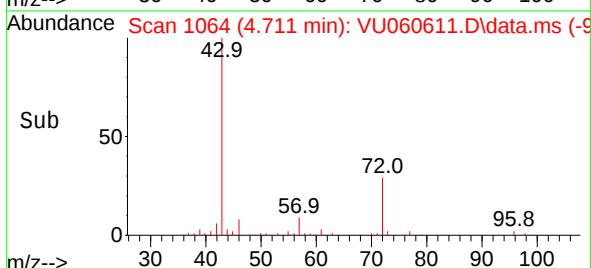
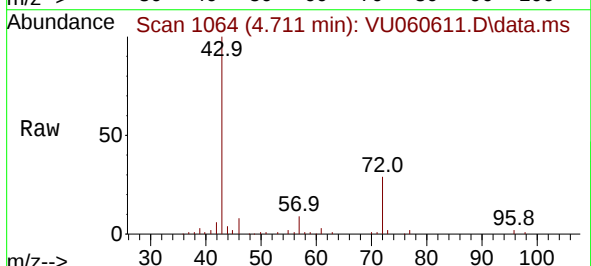


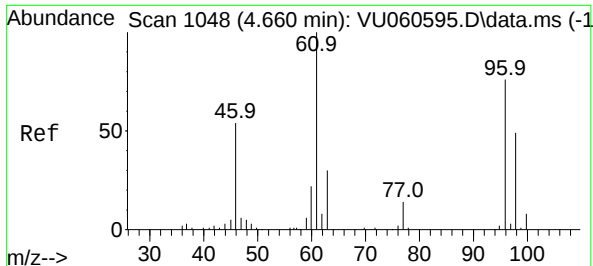
Tgt Ion: 63 Resp: 113739
Ion Ratio Lower Upper
63 100
65 32.7 20.5 38.1
83 13.9 9.2 17.2



#21
2-Butanone
Concen: 55.522 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

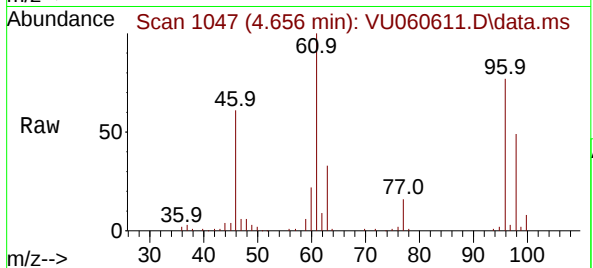
Tgt Ion: 43 Resp: 146040
Ion Ratio Lower Upper
43 100
72 26.7 14.0 42.0





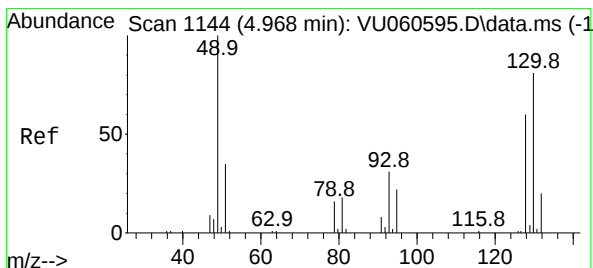
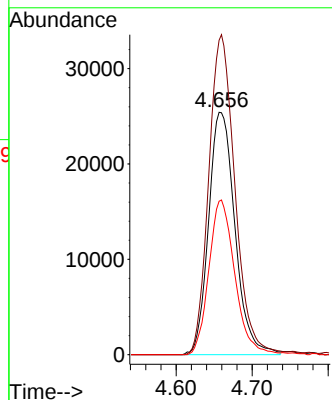
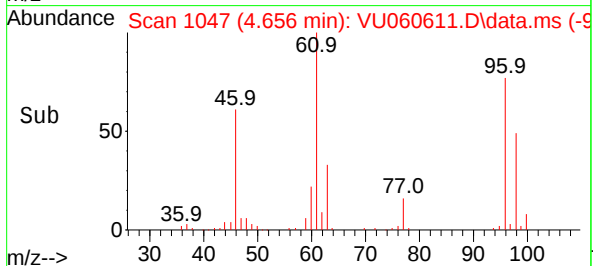
#22
 cis-1,2-Dichloroethene
 Concen: 5.095 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060611.D
 Acq: 04 Sep 2024 19:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 61307

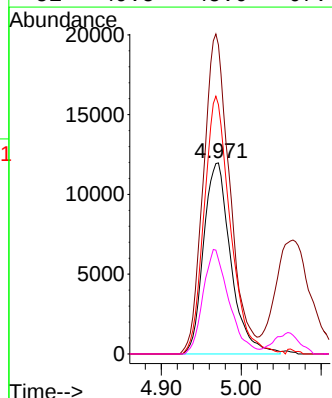
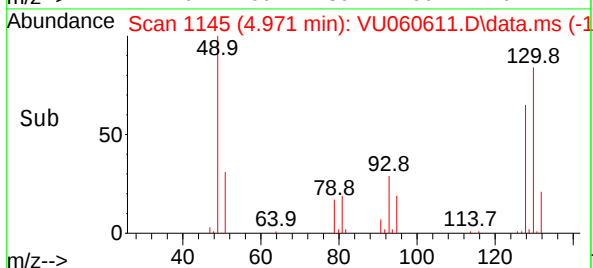
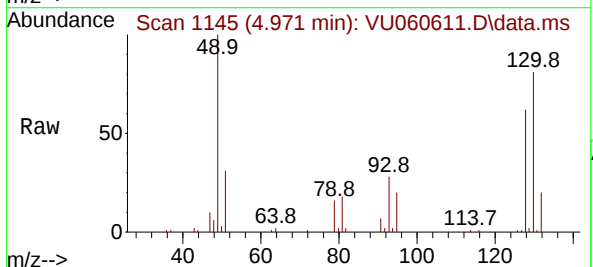
Ion	Ratio	Lower	Upper
96	100		
61	129.7	92.9	172.5
98	63.3	45.0	83.6

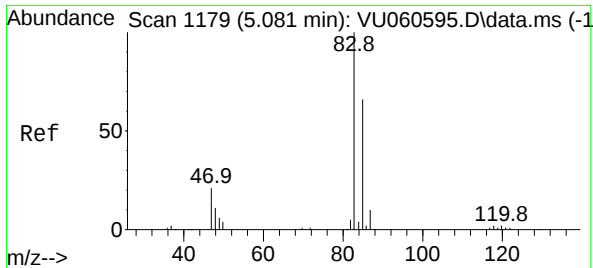


#23
 Bromochloromethane
 Concen: 5.169 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU060611.D
 Acq: 04 Sep 2024 19:55

Tgt Ion: 128 Resp: 28267

Ion	Ratio	Lower	Upper
128	100		
49	161.6	108.1	200.7
130	130.5	93.1	172.9
51	49.5	45.0	67.4

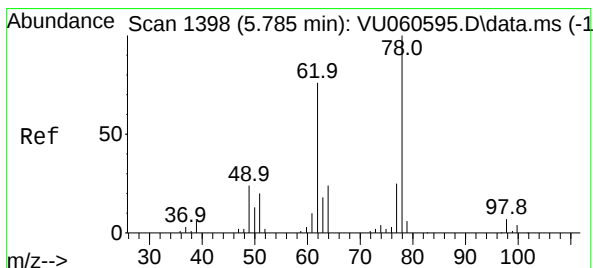
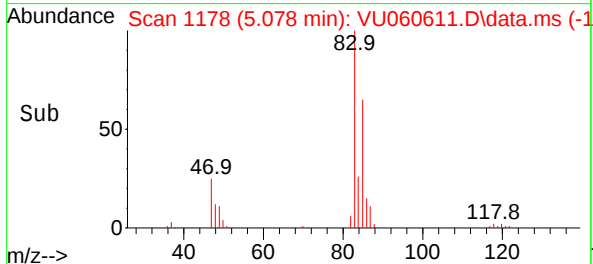
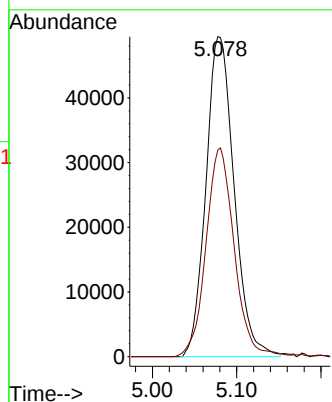
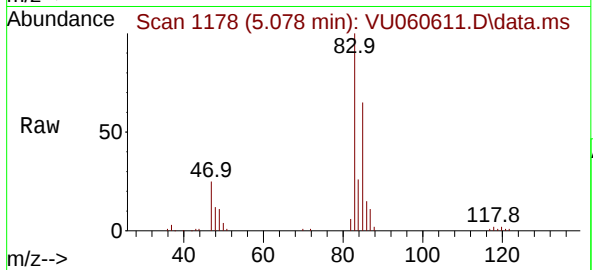




#25
Chloroform
Concen: 4.970 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

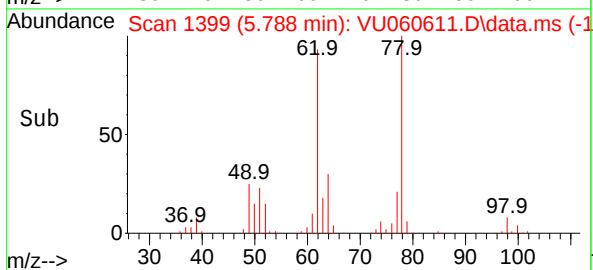
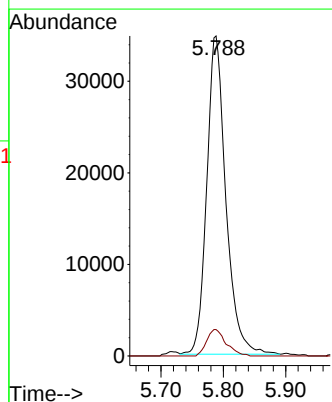
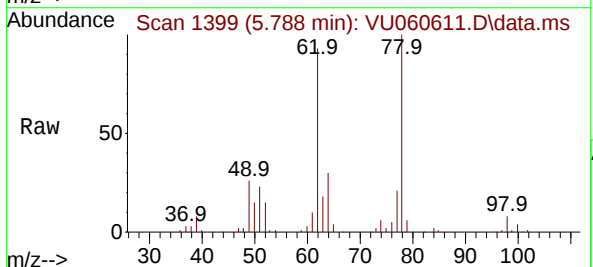
Instrument :
MSVOA_V
ClientSampleId :

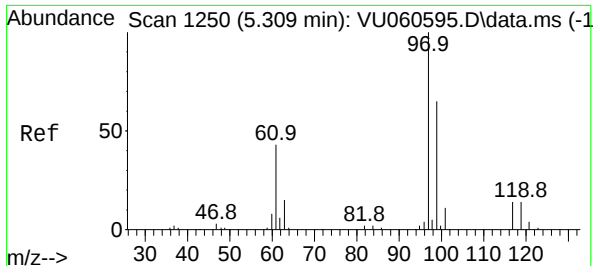
Tgt Ion: 83 Resp: 115110
Ion Ratio Lower Upper
83 100
85 64.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.766 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion: 62 Resp: 74086
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.4

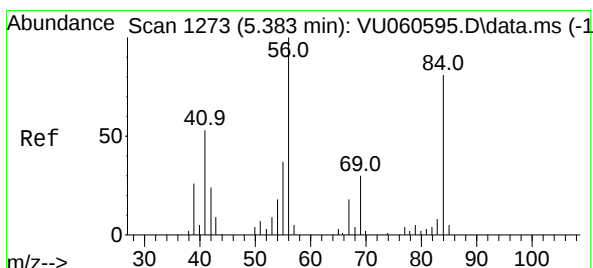
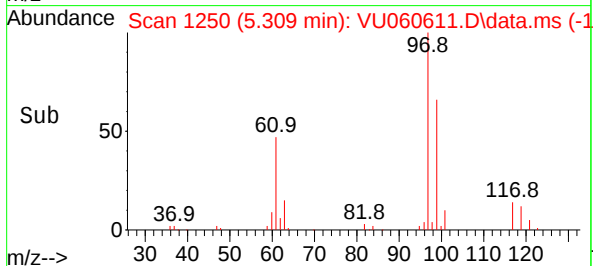
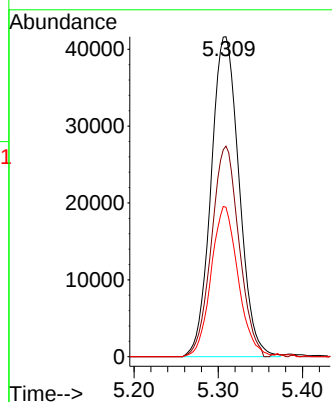
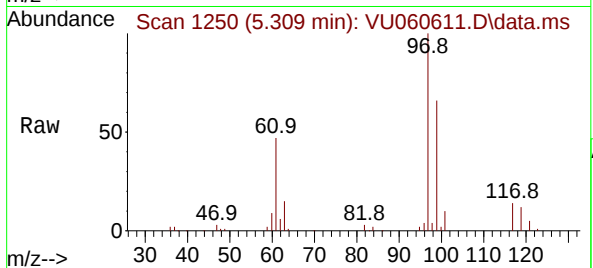




#29
1,1,1-Trichloroethane
Concen: 4.545 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

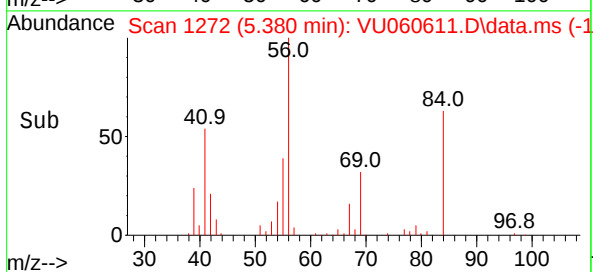
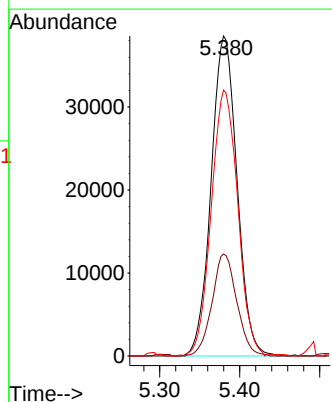
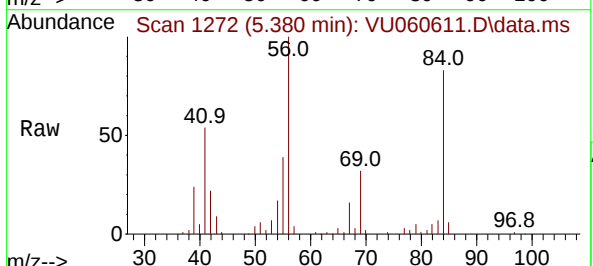
Instrument :
MSVOA_V
ClientSampleId :

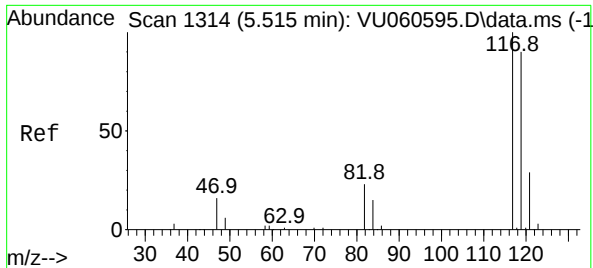
Tgt Ion: 97 Resp: 96292
Ion Ratio Lower Upper
97 100
99 64.6 49.7 74.5
61 45.3 35.4 53.2



#30
Cyclohexane
Concen: 4.940 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion: 56 Resp: 86644
Ion Ratio Lower Upper
56 100
69 30.4 24.2 36.2
84 85.2 69.7 104.5

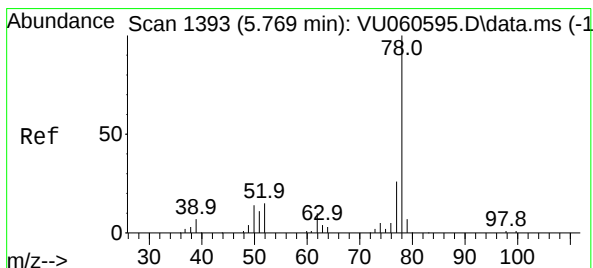
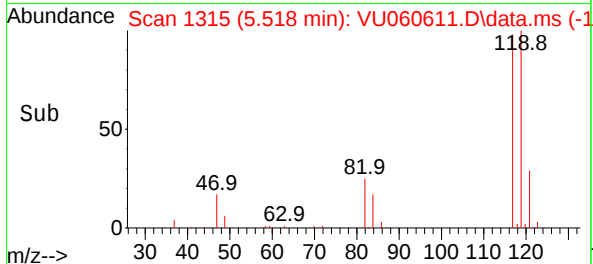
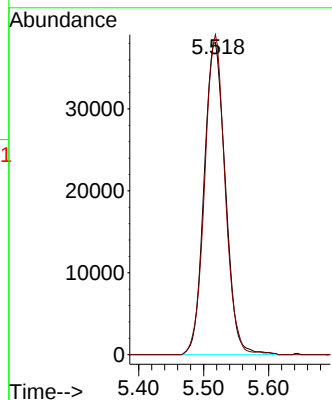
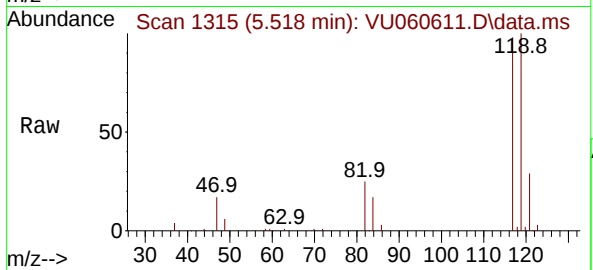




#31
Carbon tetrachloride
Concen: 4.432 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

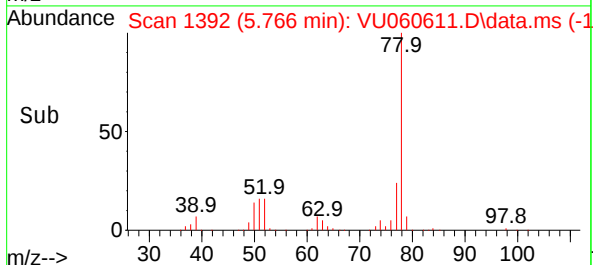
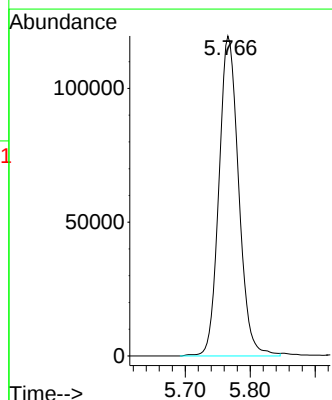
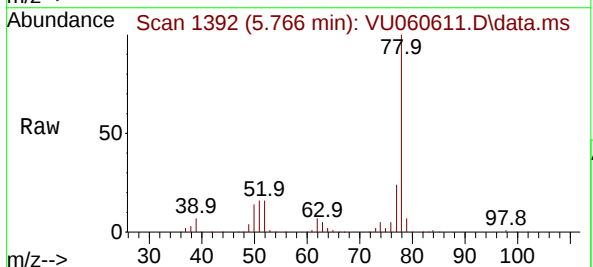
Instrument :
MSVOA_V
ClientSampleId :

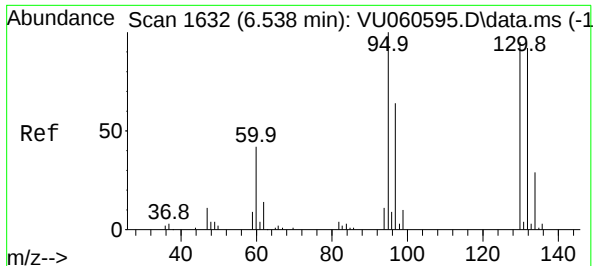
Tgt Ion:117 Resp: 86783
Ion Ratio Lower Upper
117 100
119 97.9 76.4 114.6



#33
Benzene
Concen: 5.128 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion: 78 Resp: 251579

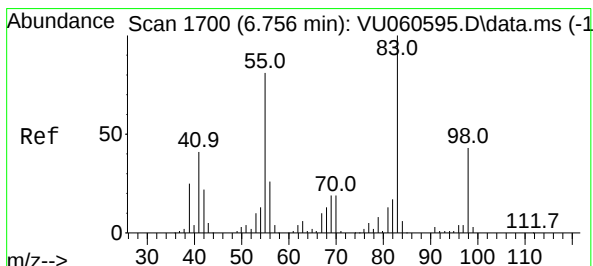
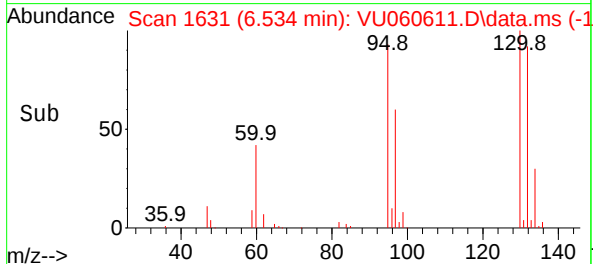
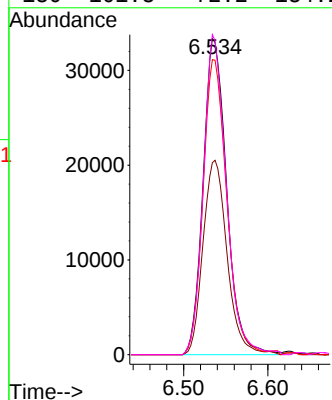
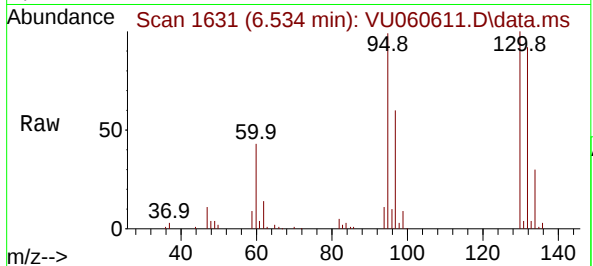




#34
Trichloroethene
Concen: 4.880 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

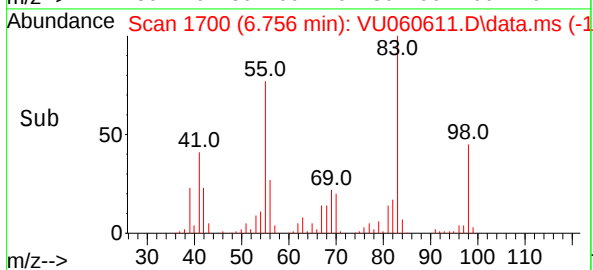
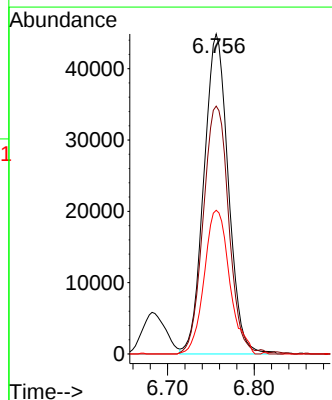
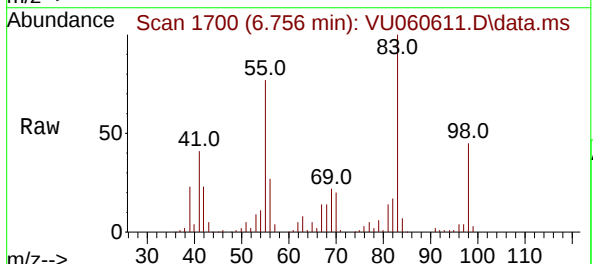
Instrument :
MSVOA_V
ClientSampleId :

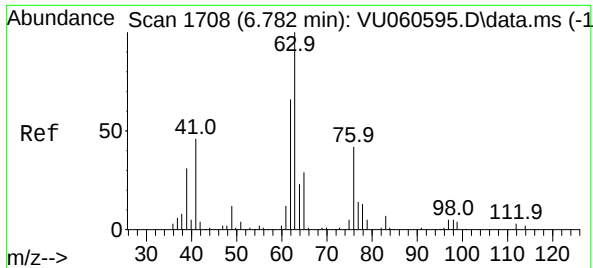
Tgt Ion: 95 Resp: 64900
Ion Ratio Lower Upper
95 100
97 60.8 45.8 85.2
132 93.4 67.4 125.2
130 101.3 72.2 134.2



#35
Methylcyclohexane
Concen: 4.819 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion: 83 Resp: 87923
Ion Ratio Lower Upper
83 100
55 80.5 65.8 98.8
98 46.7 37.8 56.8

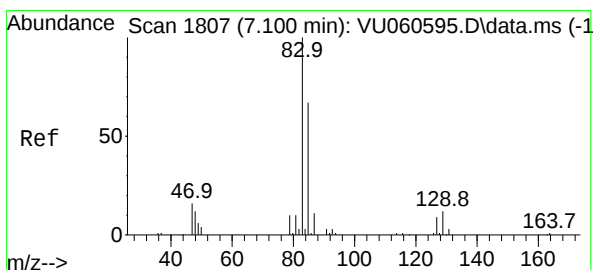
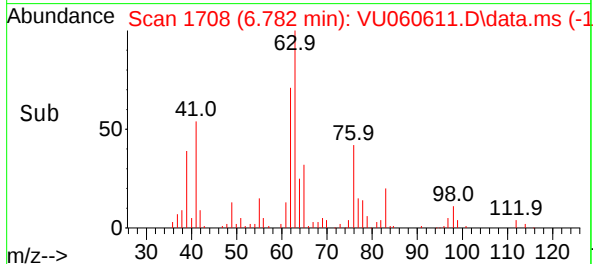
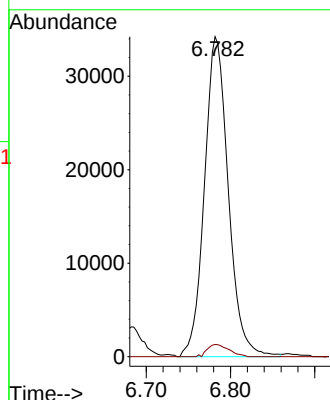
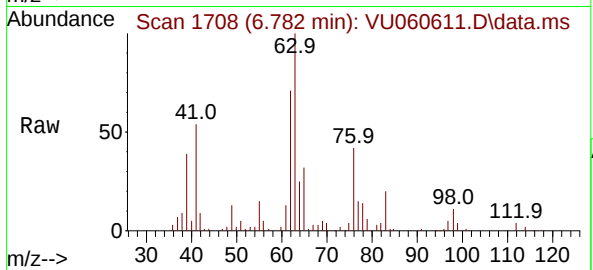




#37
1,2-Dichloropropane
Concen: 5.366 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

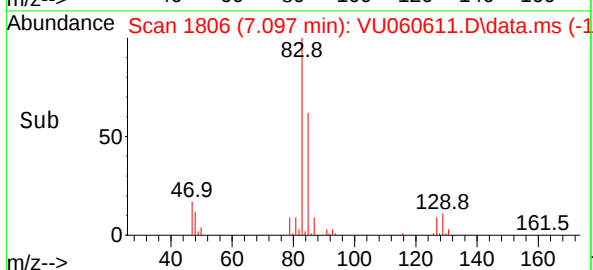
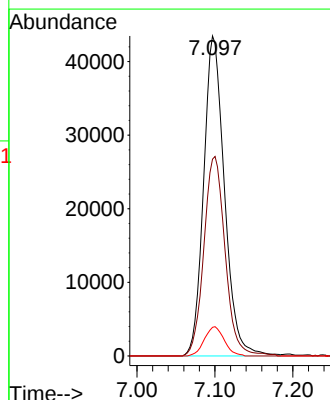
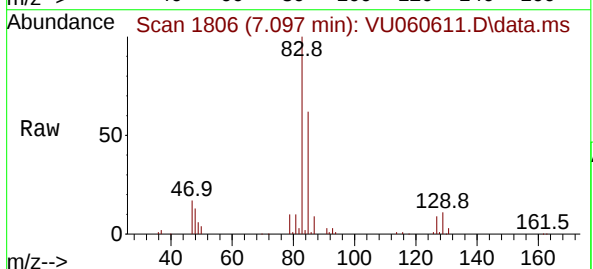
Instrument :
MSVOA_V
ClientSampleId :

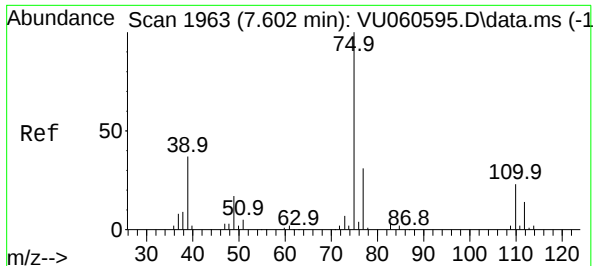
Tgt Ion: 63 Resp: 67451
Ion Ratio Lower Upper
63 100
112 3.5 2.3 3.5#



#38
Bromodichloromethane
Concen: 4.895 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion: 83 Resp: 80866
Ion Ratio Lower Upper
83 100
85 61.5 44.9 83.5
127 9.0 7.3 10.9

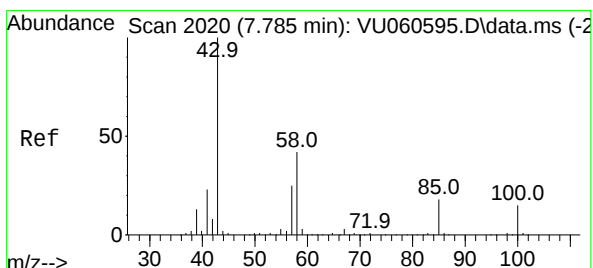
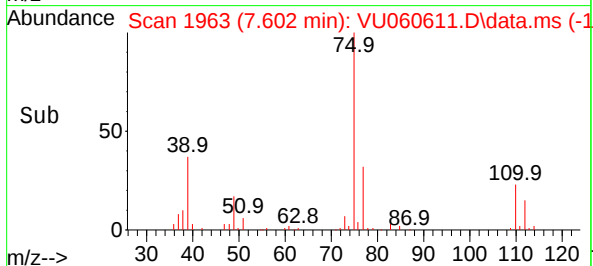
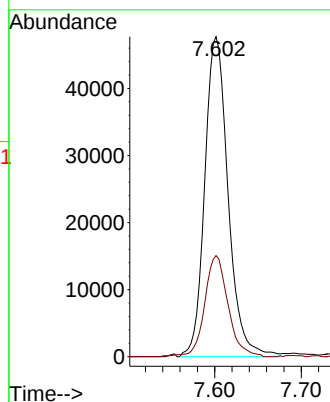
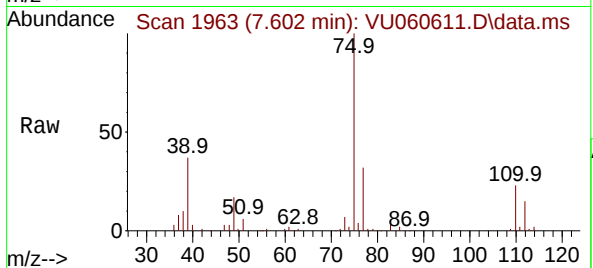




#39
 cis-1,3-Dichloropropene
 Concen: 4.858 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060611.D
 Acq: 04 Sep 2024 19:55

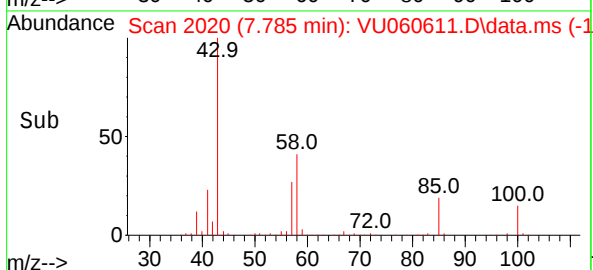
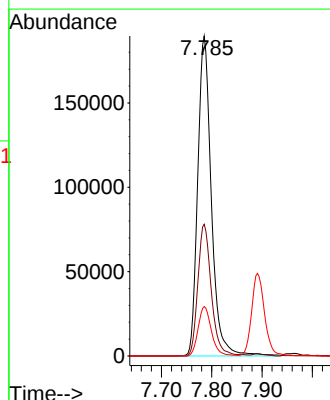
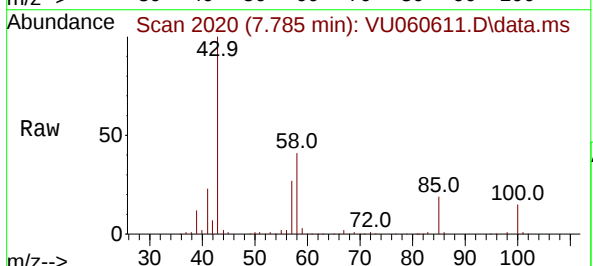
Instrument :
 MSVOA_V
 ClientSampleId :

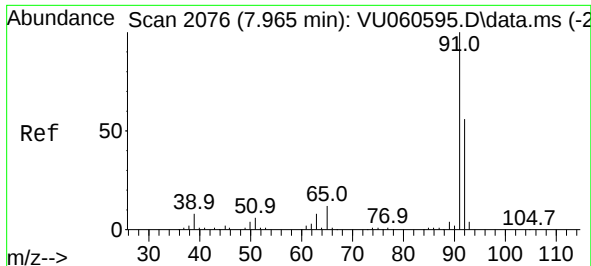
Tgt Ion: 75 Resp: 89534
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 54.683 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060611.D
 Acq: 04 Sep 2024 19:55

Tgt Ion: 43 Resp: 358009
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.5 48.7
 100 15.1 12.5 18.7

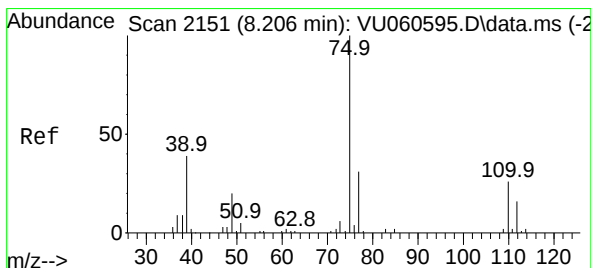
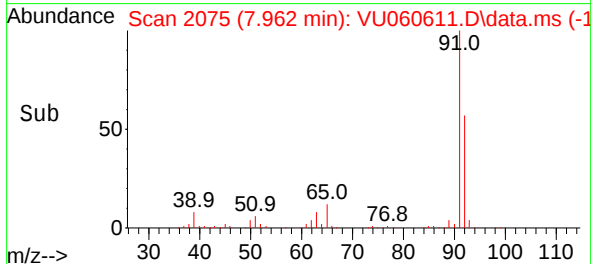
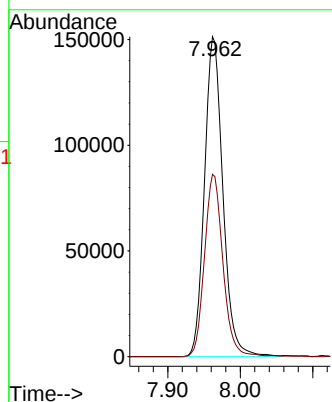
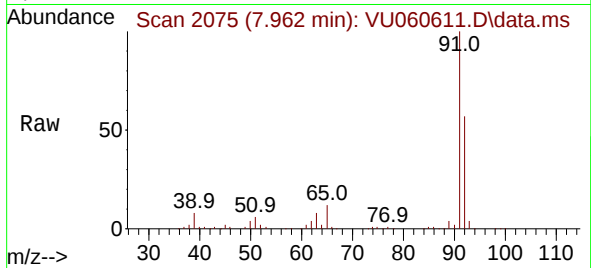




#42
Toluene
Concen: 5.154 ug/L
RT: 7.962 min Scan# 2076
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

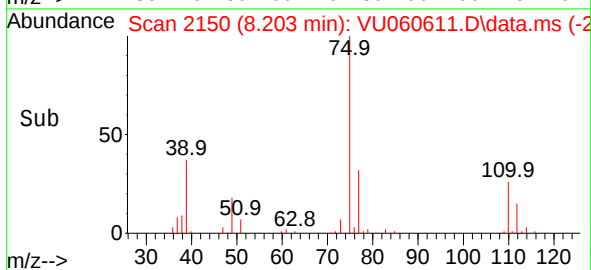
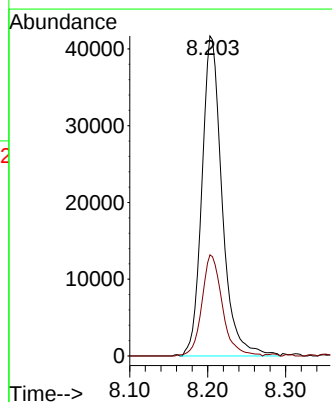
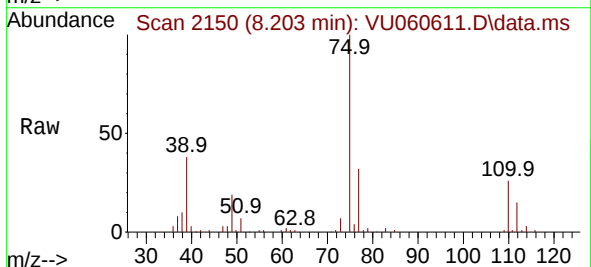
Instrument :
MSVOA_V
ClientSampleId :

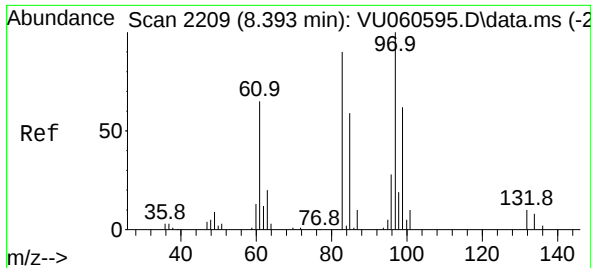
Tgt Ion: 91 Resp: 267230
Ion Ratio Lower Upper
91 100
92 57.0 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 4.964 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.003 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion: 75 Resp: 75108
Ion Ratio Lower Upper
75 100
77 31.6 23.4 43.6

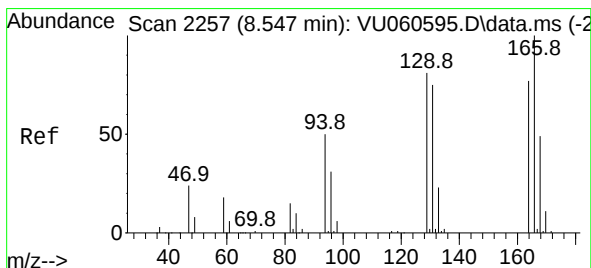
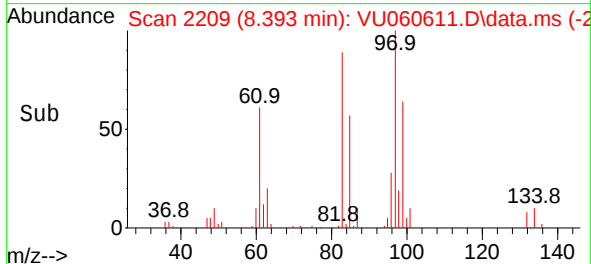
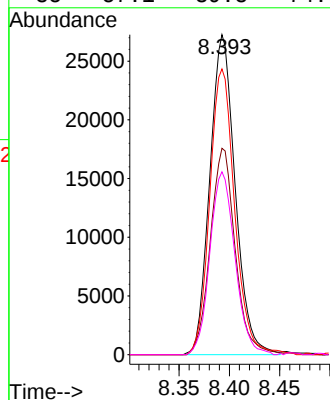
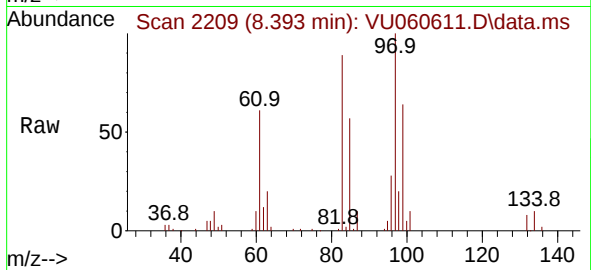




#45
1,1,2-Trichloroethane
Concen: 5.255 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

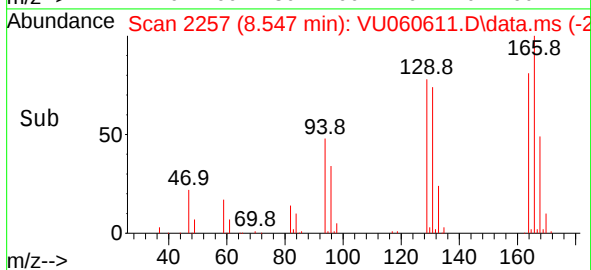
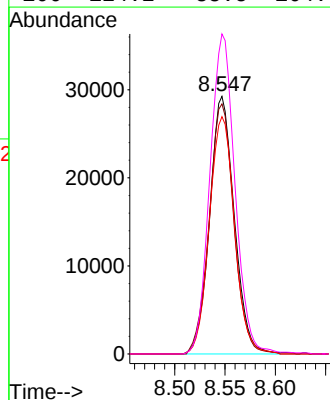
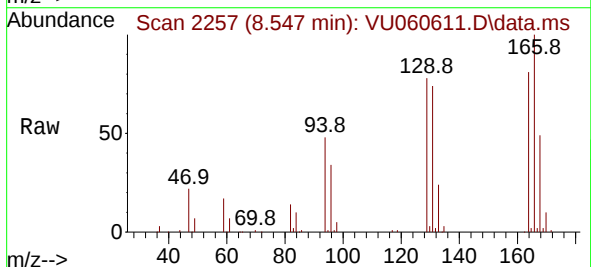
Instrument :
MSVOA_V
ClientSampleId :

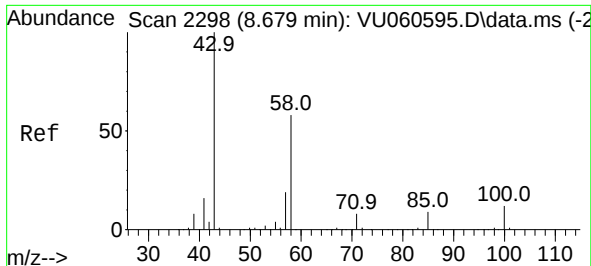
Tgt Ion:	97	Resp:	47853
Ion	Ratio	Lower	Upper
97	100		
99	64.5	42.4	78.8
83	89.3	64.0	119.0
85	57.1	39.8	74.0



#47
Tetrachloroethene
Concen: 4.556 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion:	164	Resp:	49665
Ion	Ratio	Lower	Upper
164	100		
129	97.1	67.8	125.8
131	92.1	67.2	124.8
166	124.2	88.5	164.4

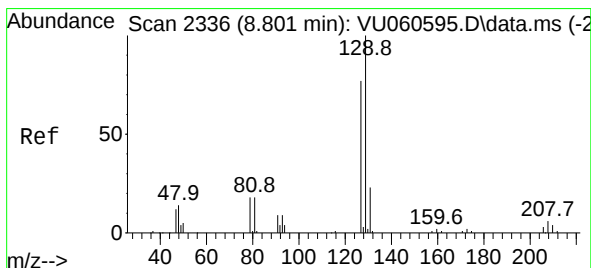
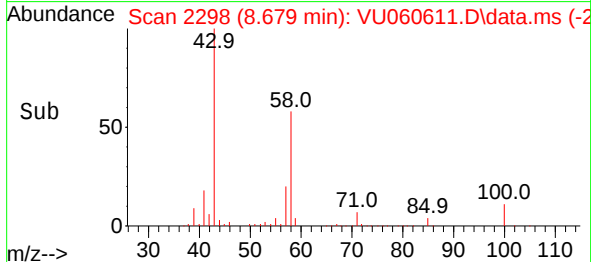
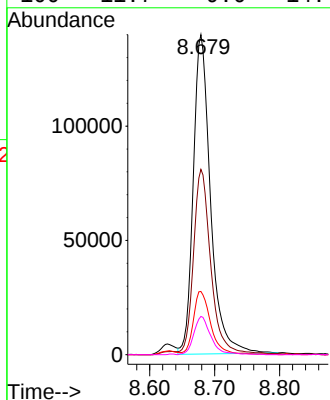
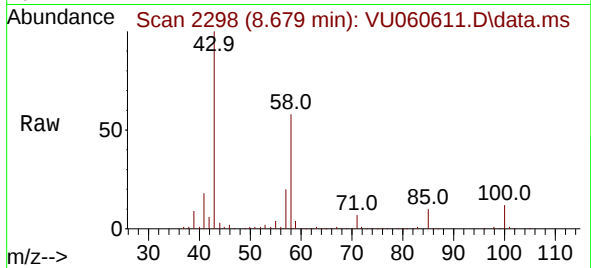




#48
2-Hexanone
Concen: 52.959 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

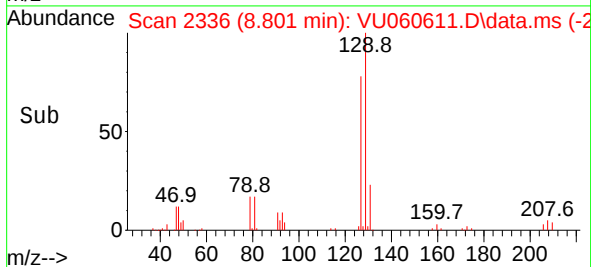
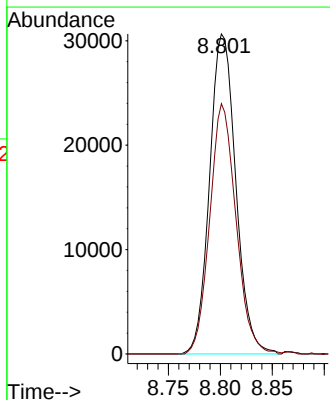
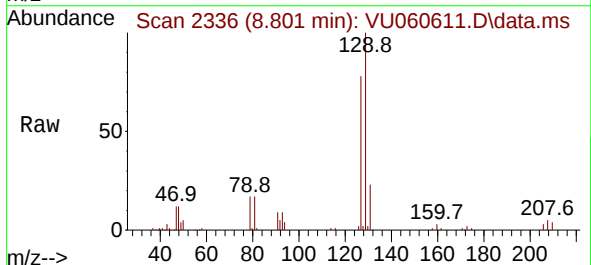
Instrument :
MSVOA_V
ClientSampleId :

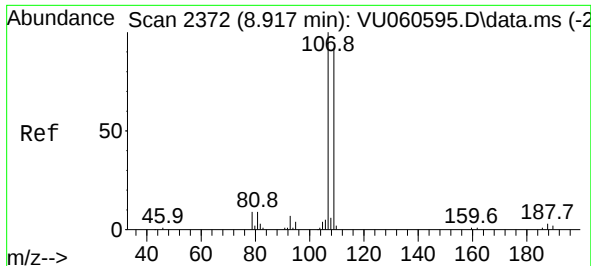
Tgt Ion:	43	Resp:	259484
Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.6	68.4
57	19.6	15.6	23.4
100	11.7	9.6	14.4



#49
Dibromochloromethane
Concen: 5.106 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

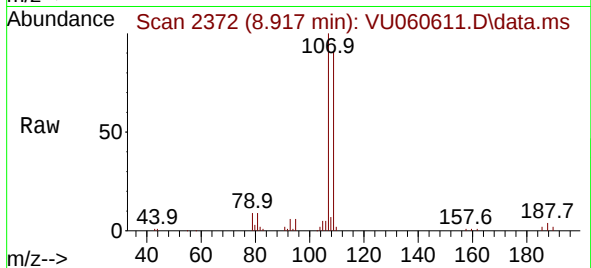
Tgt Ion:	129	Resp:	53829
Ion	Ratio	Lower	Upper
129	100		
127	78.2	53.0	98.4



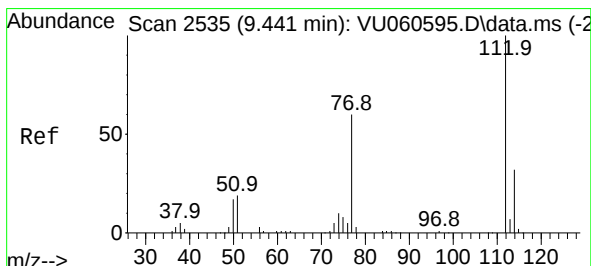
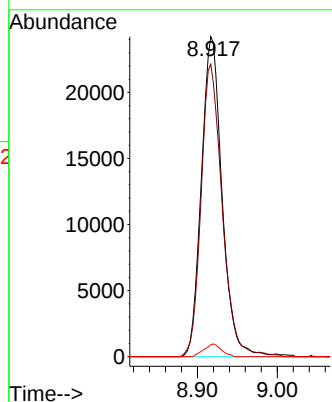
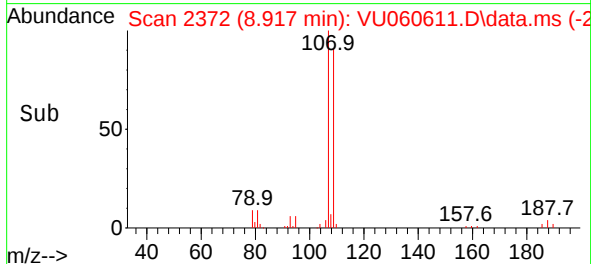


#50
1,2-Dibromoethane
Concen: 5.230 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Instrument :
MSVOA_V
ClientSampleId :

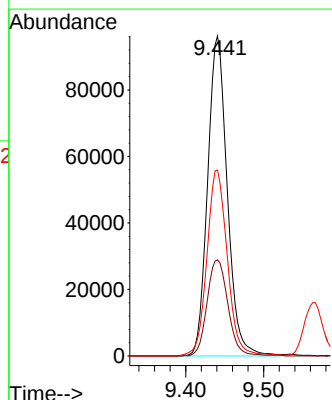
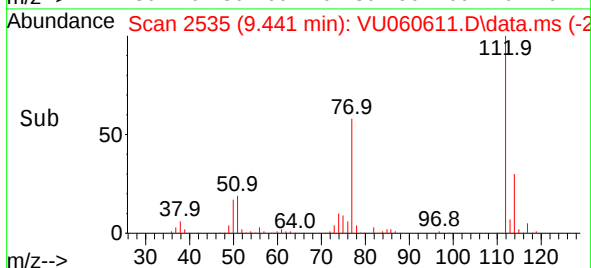
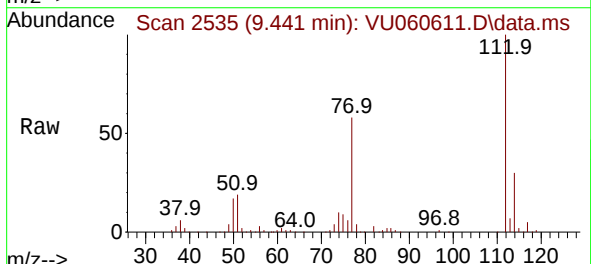


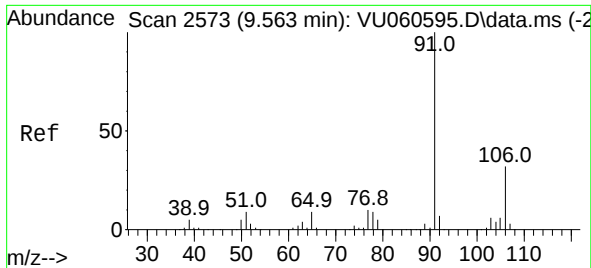
Tgt Ion:107 Resp: 43722
Ion Ratio Lower Upper
107 100
109 91.4 68.5 127.3
188 3.7 3.9 5.9#



#51
Chlorobenzene
Concen: 5.027 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion:112 Resp: 168728
Ion Ratio Lower Upper
112 100
114 30.1 21.9 40.7
77 58.1 47.4 71.2





#52

Ethylbenzene

Concen: 5.011 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

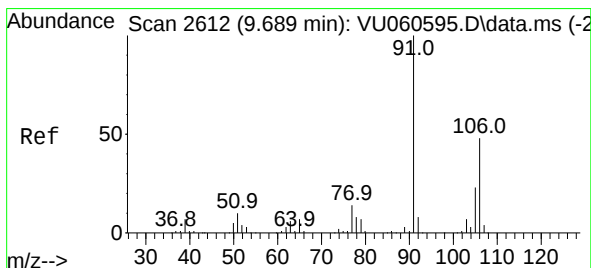
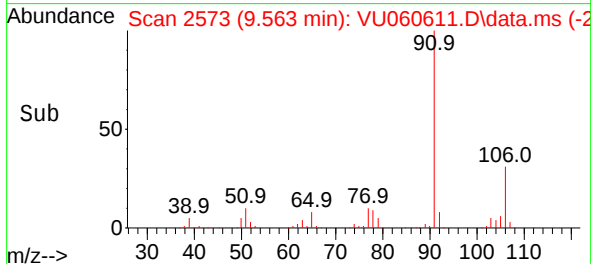
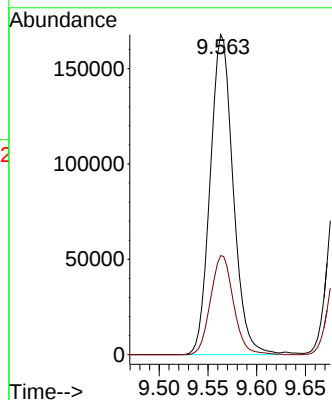
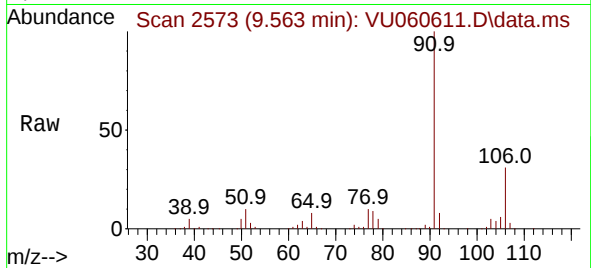
ClientSampleId :

Tgt Ion: 91 Resp: 275292

Ion Ratio Lower Upper

91 100

106 31.0 21.9 40.7



#53

m,p-Xylene

Concen: 5.368 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060611.D

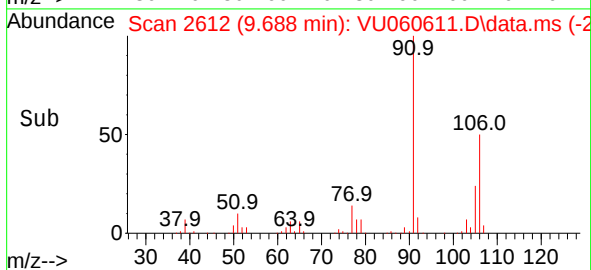
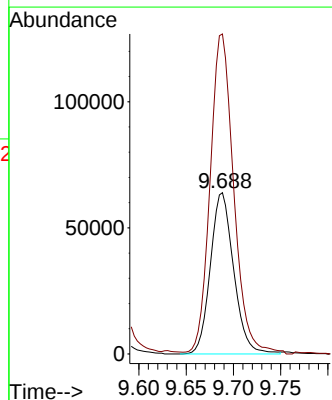
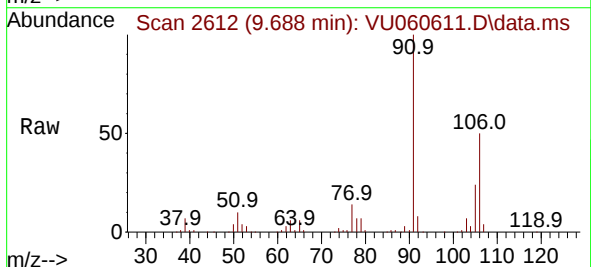
Acq: 04 Sep 2024 19:55

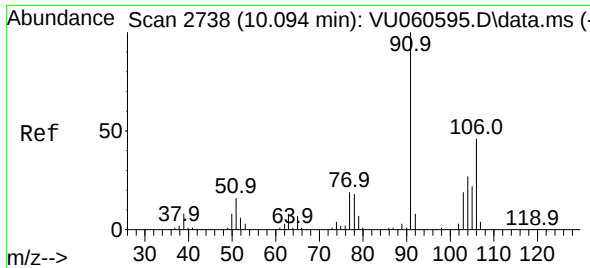
Tgt Ion:106 Resp: 109643

Ion Ratio Lower Upper

106 100

91 198.4 141.5 262.9

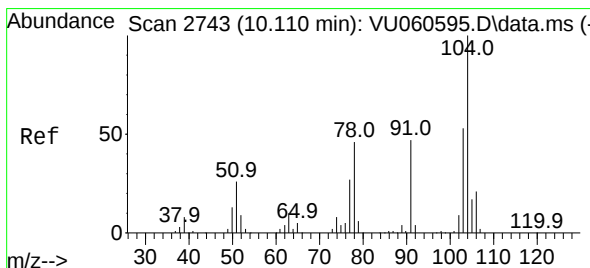
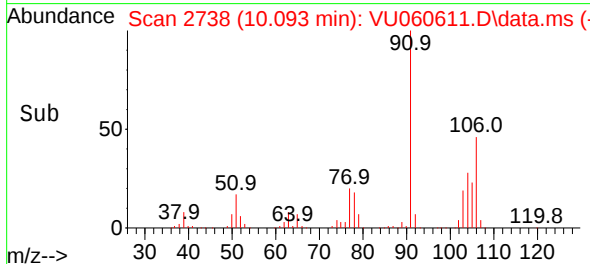
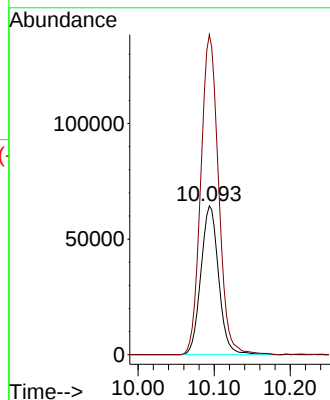
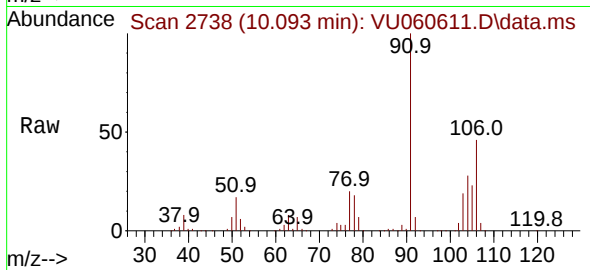




#54
o-Xylene
Concen: 4.991 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

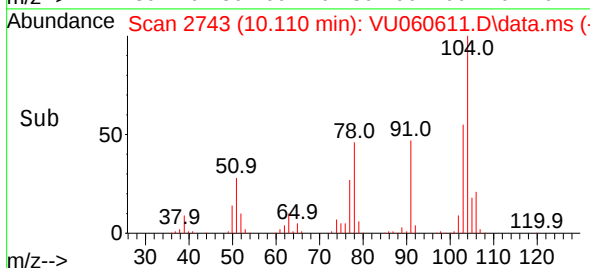
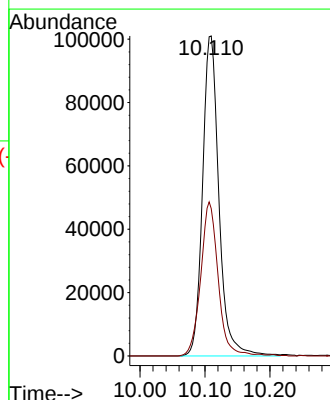
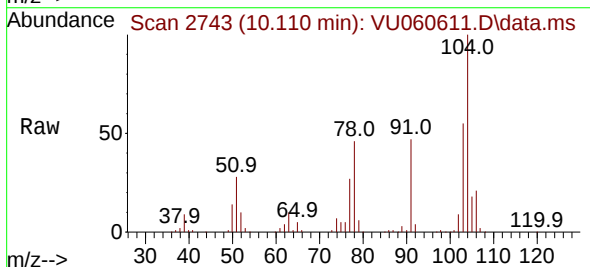
Instrument :
MSVOA_V
ClientSampleId :

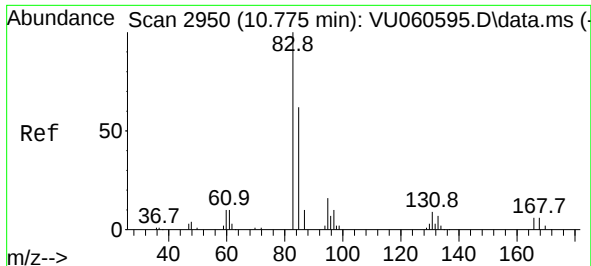
Tgt Ion:106 Resp: 104357
Ion Ratio Lower Upper
106 100
91 215.1 151.1 280.7



#55
Styrene
Concen: 5.183 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion:104 Resp: 177563
Ion Ratio Lower Upper
104 100
78 46.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.029 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

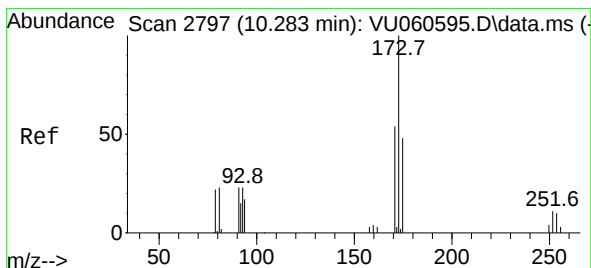
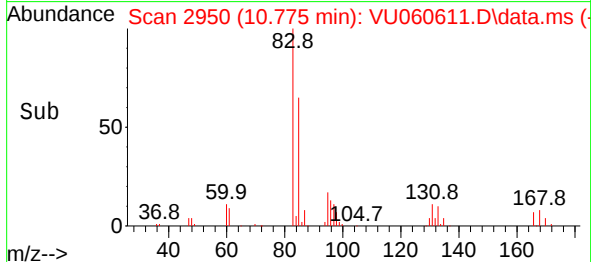
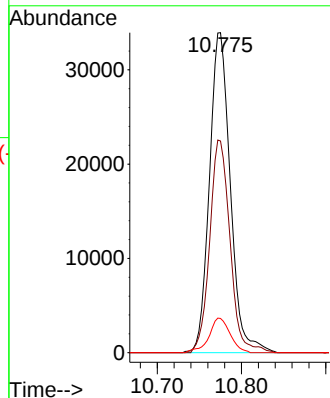
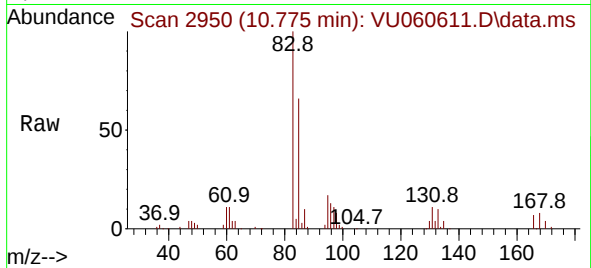
Tgt Ion: 83 Resp: 58474

Ion Ratio Lower Upper

83 100

85 66.2 43.3 80.5

131 10.7 8.9 13.3



#59

Bromoform

Concen: 4.903 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

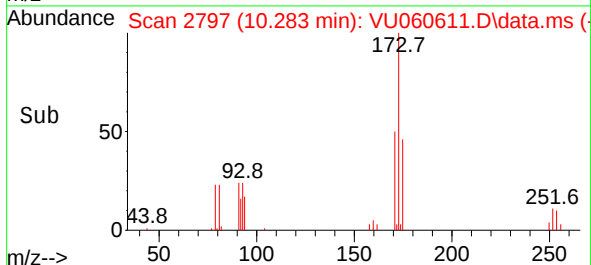
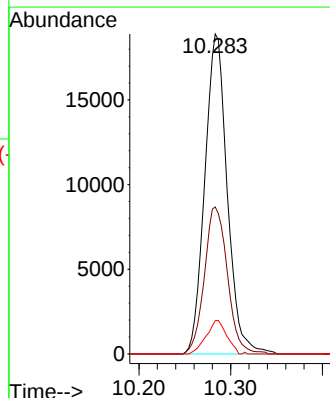
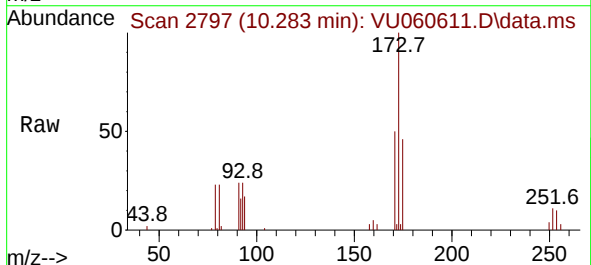
Tgt Ion:173 Resp: 32096

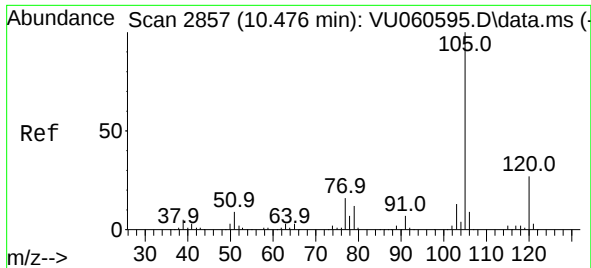
Ion Ratio Lower Upper

173 100

175 47.2 39.8 59.8

254 9.5 8.2 12.2

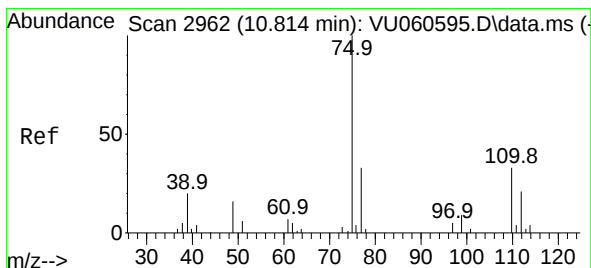
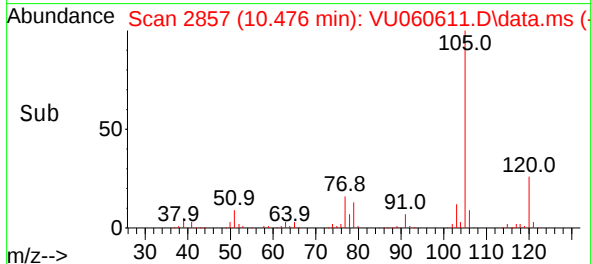
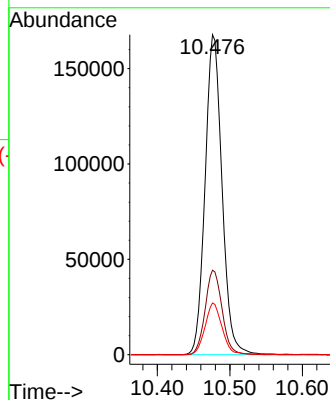
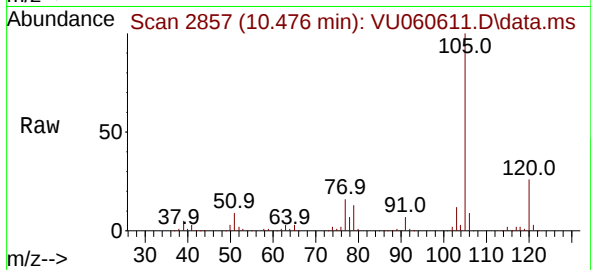




#60
Isopropylbenzene
Concen: 5.114 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

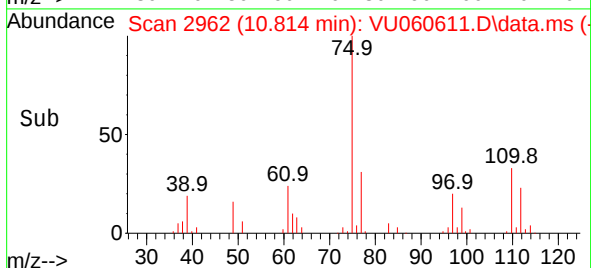
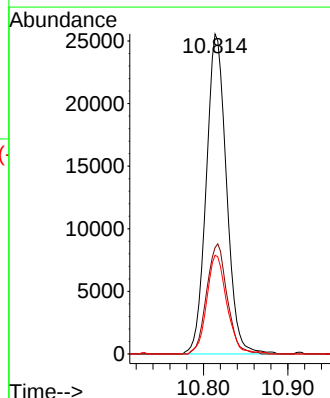
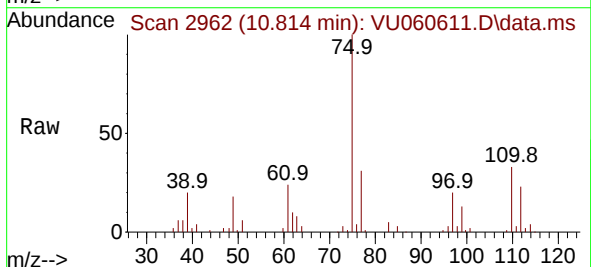
Instrument :
MSVOA_V
ClientSampleId :

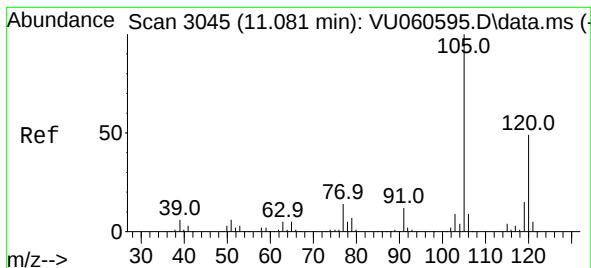
Tgt Ion:105 Resp: 272151
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4
77 16.3 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.561 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

Tgt Ion: 75 Resp: 42729
Ion Ratio Lower Upper
75 100
110 34.8 30.2 45.4
77 30.6 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.294 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

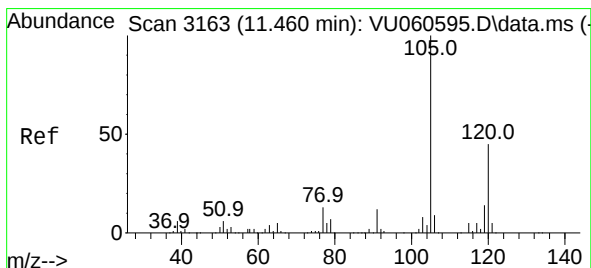
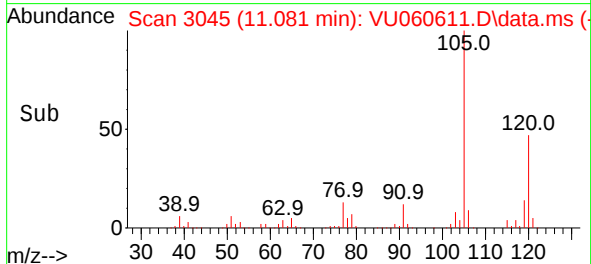
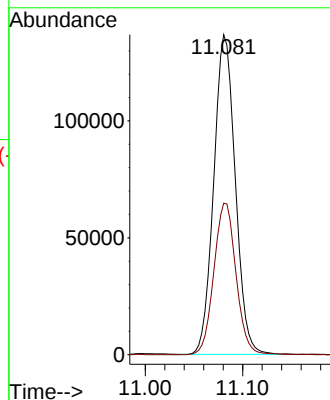
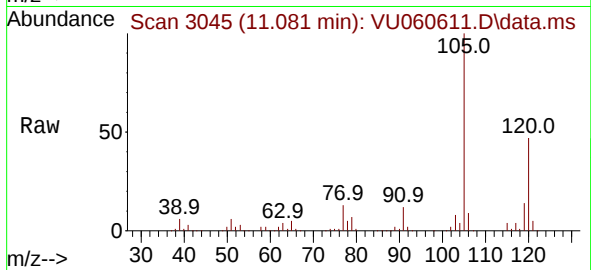
ClientSampleId :

Tgt Ion:105 Resp: 209948

Ion Ratio Lower Upper

105 100

120 48.7 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.238 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060611.D

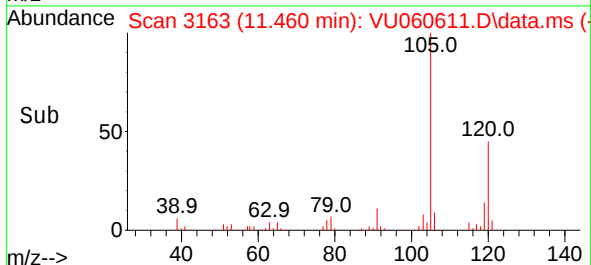
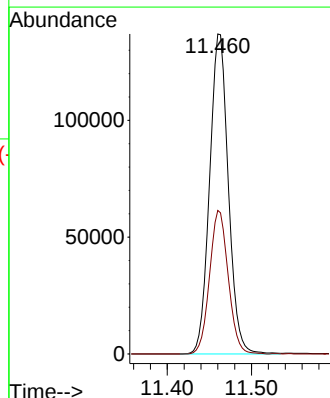
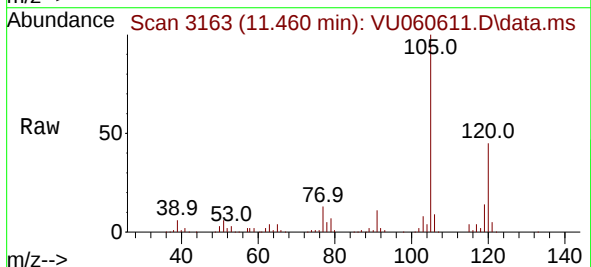
Acq: 04 Sep 2024 19:55

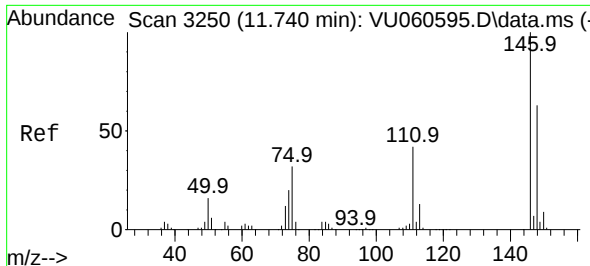
Tgt Ion:105 Resp: 211929

Ion Ratio Lower Upper

105 100

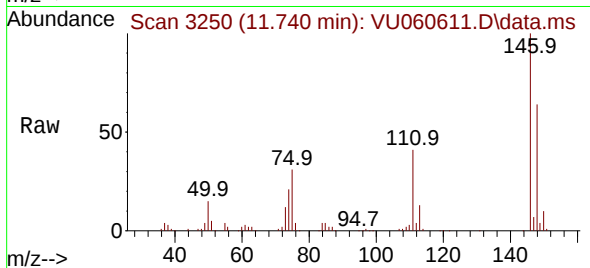
120 44.7 35.7 53.5



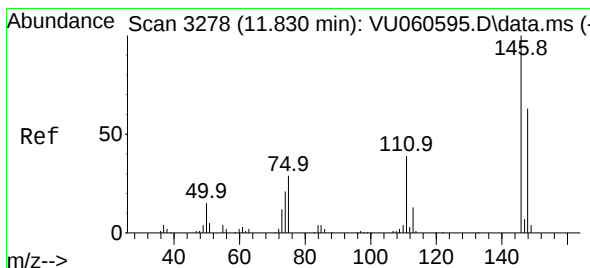
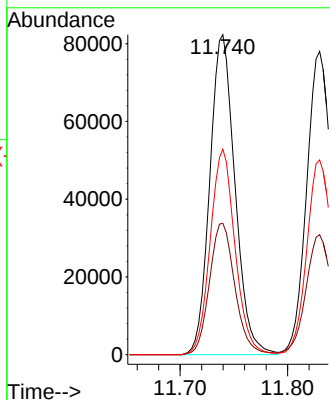
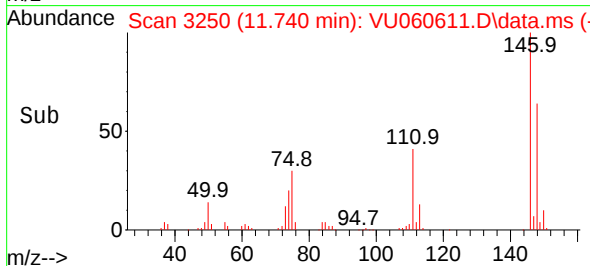


#64
1,3-Dichlorobenzene
Concen: 5.144 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55

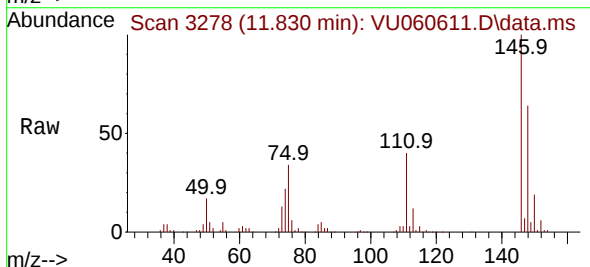
Instrument :
MSVOA_V
ClientSampleId :



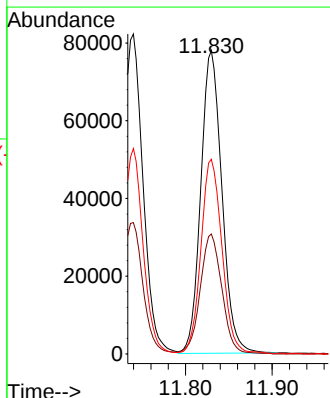
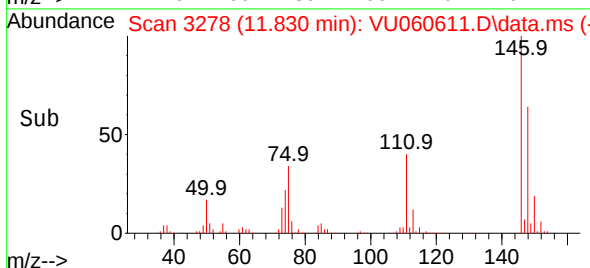
Tgt Ion:146 Resp: 133954
Ion Ratio Lower Upper
146 100
111 41.1 27.9 51.9
148 64.2 43.5 80.7

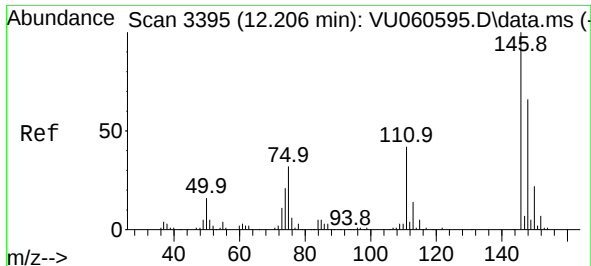


#65
1,4-Dichlorobenzene
Concen: 4.991 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060611.D
Acq: 04 Sep 2024 19:55



Tgt Ion:146 Resp: 131910
Ion Ratio Lower Upper
146 100
111 39.6 27.2 50.4
148 64.2 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.042 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

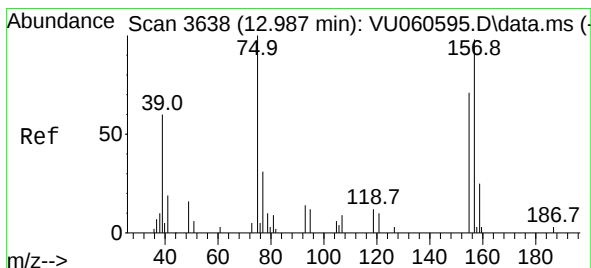
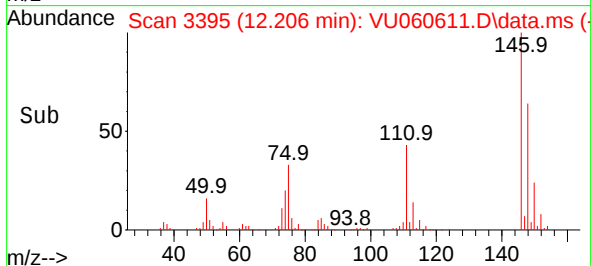
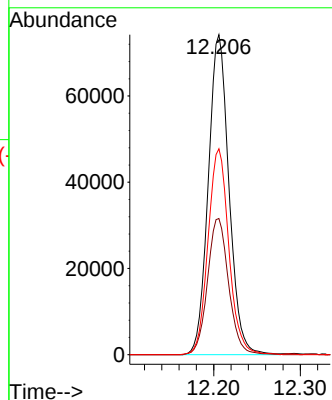
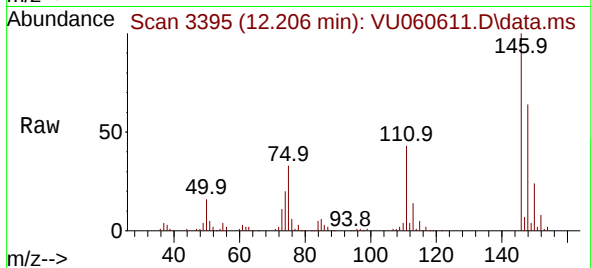
Tgt Ion:146 Resp: 123183

Ion Ratio Lower Upper

146 100

111 42.6 34.6 52.0

148 64.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.740 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

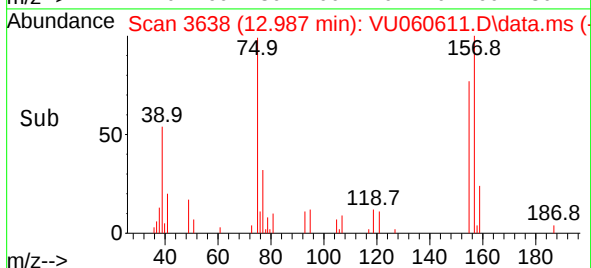
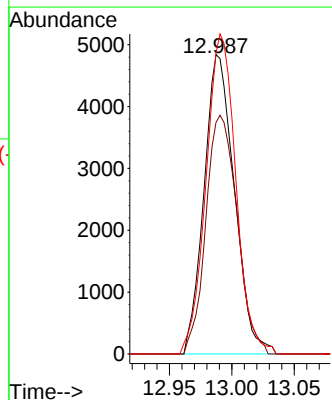
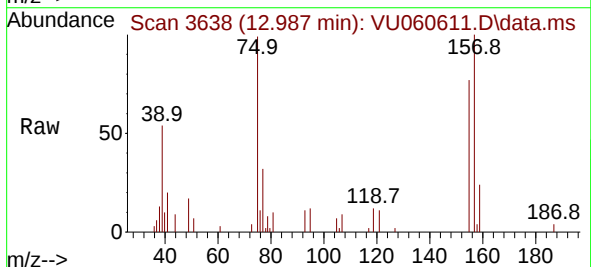
Tgt Ion: 75 Resp: 8220

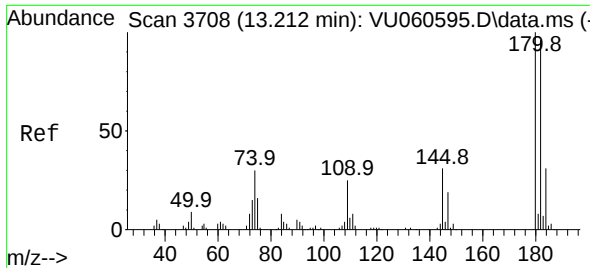
Ion Ratio Lower Upper

75 100

155 77.4 62.7 94.1

157 100.6 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.632 ug/L

RT: 13.212 min Scan# 3

Delta R.T. -0.000 min

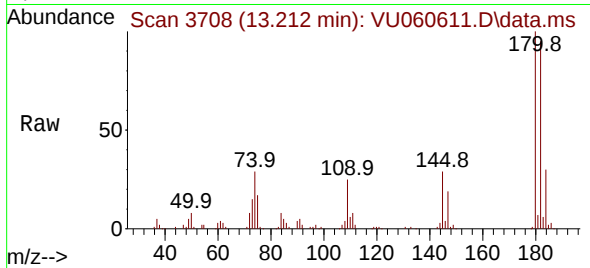
Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 93010

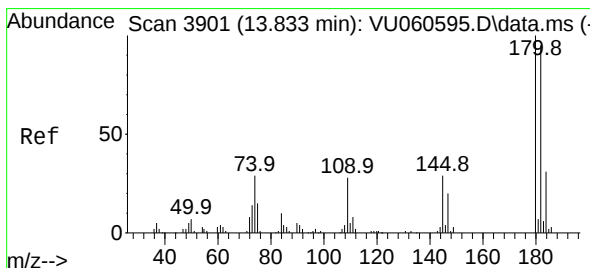
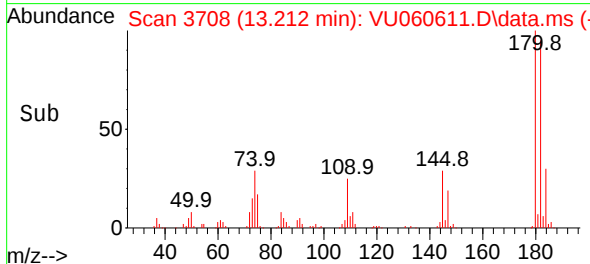
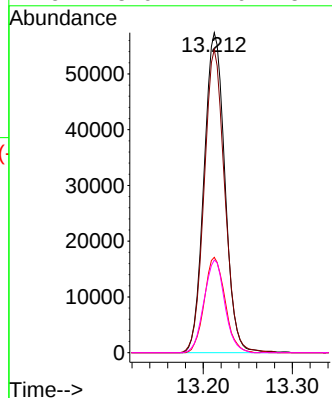
Ion Ratio Lower Upper

180 100

182 93.8 77.6 116.4

184 29.7 24.9 37.3

145 28.9 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.314 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

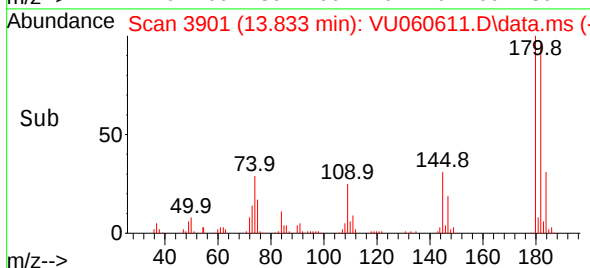
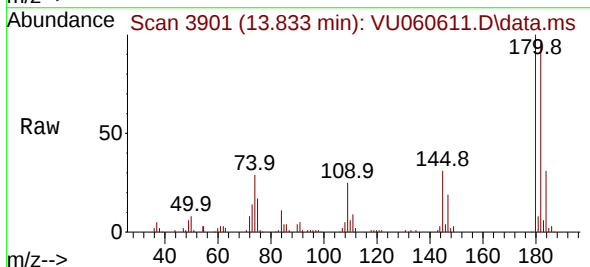
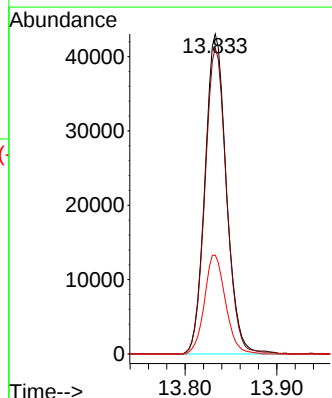
Tgt Ion:180 Resp: 69886

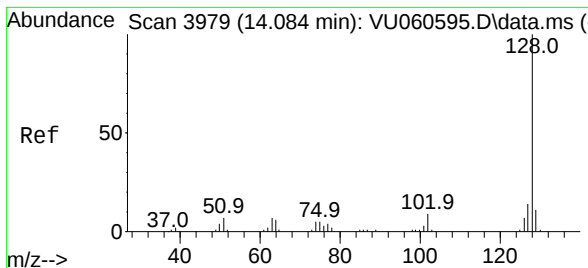
Ion Ratio Lower Upper

180 100

182 96.0 77.3 115.9

145 30.4 23.9 35.9





#71

Naphthalene

Concen: 5.026 ug/L

RT: 14.080 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

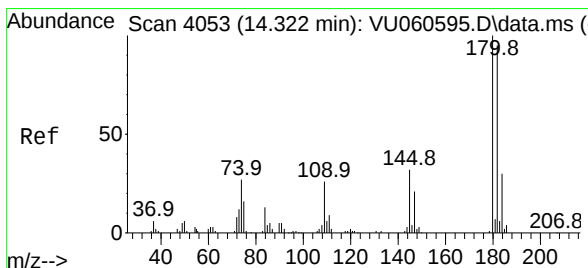
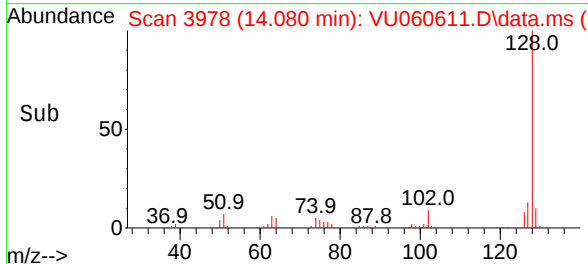
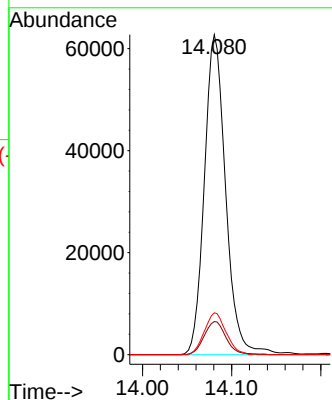
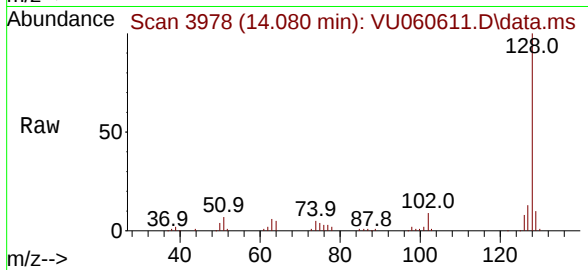
Tgt Ion:128 Resp: 104034

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.3 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.562 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU060611.D

Acq: 04 Sep 2024 19:55

Tgt Ion:180 Resp: 61854

Ion Ratio Lower Upper

180 100

182 97.4 76.0 114.0

145 32.4 24.3 36.5

