

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082624\
 Data File : VU060541.D
 Acq On : 26 Aug 2024 10:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 27 05:46:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:46:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	95276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	100791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18160	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.907	69	28990	4.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.560	65	14413	5.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.200%
20) 2-Butanone-d5	4.634	46	72016	49.766	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.540%
24) Chloroform-d	5.055	84	60138	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	30832	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	106796	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	33994	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	97400	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.177	79	12395	4.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.631	63	54728	44.920	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	28537	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	37139	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54728	5.062	ug/L	97
3) Chloromethane	1.515	50	41979	4.481	ug/L	99
5) Vinyl chloride	1.599	62	42021	4.556	ug/L	99
6) Bromomethane	1.853	94	34213	3.686	ug/L	100
8) Chloroethane	1.930	64	37212	4.421	ug/L	96
9) Trichlorofluoromethane	2.132	101	91048	4.540	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49958	5.889	ug/L	99
12) 1,1-Dichloroethene	2.573	96	47175	6.041	ug/L	96
13) Acetone	2.650	43	61366	50.679	ug/L	99
14) Carbon disulfide	2.788	76	110819	4.373	ug/L	99
15) Methyl Acetate	2.959	43	13311	5.376	ug/L	99
16) Methylene chloride	3.042	84	36783	4.850	ug/L	88
17) Methyl tert-butyl Ether	3.357	73	77048	4.862	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	34996	5.148	ug/L	99
19) 1,1-Dichloroethane	3.859	63	70583	5.124	ug/L	98
21) 2-Butanone	4.711	43	86696	52.355	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	38458	5.077	ug/L	94
23) Bromochloromethane	4.972	128	17386	5.050	ug/L	96
25) Chloroform	5.081	83	72907	5.001	ug/L	98

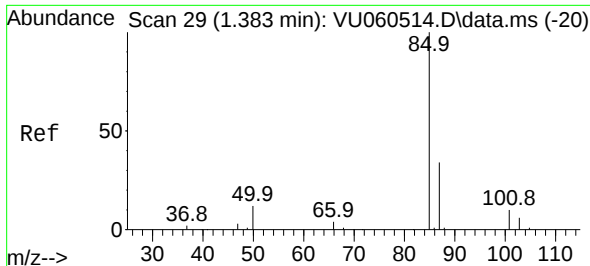
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082624\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	46629	4.765	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	64722	4.688	ug/L	97
30) Cyclohexane	5.383	56	55212	4.831	ug/L	97
31) Carbon tetrachloride	5.518	117	60091	4.710	ug/L	97
33) Benzene	5.766	78	150960	4.722	ug/L	100
34) Trichloroethene	6.537	95	40690	4.696	ug/L	97
35) Methylcyclohexane	6.756	83	60251	5.068	ug/L	96
37) 1,2-Dichloropropane	6.785	63	40259	4.915	ug/L #	96
38) Bromodichloromethane	7.100	83	52854	4.911	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	55905	4.655	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	210629	49.374	ug/L	99
42) Toluene	7.965	91	166155	4.918	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	49696	5.040	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	29610	4.990	ug/L	94
47) Tetrachloroethene	8.547	164	33024	4.650	ug/L	100
48) 2-Hexanone	8.679	43	152531	47.776	ug/L	99
49) Dibromochloromethane	8.804	129	35040	5.101	ug/L	99
50) 1,2-Dibromoethane	8.920	107	33824	6.209	ug/L #	99
51) Chlorobenzene	9.441	112	106547	4.872	ug/L	99
52) Ethylbenzene	9.566	91	175038	4.889	ug/L	98
53) m,p-Xylene	9.688	106	68358	5.136	ug/L	97
54) o-Xylene	10.097	106	64997	4.770	ug/L	99
55) Styrene	10.110	104	112602	5.044	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	34497	4.553	ug/L	97
59) Bromoform	10.283	173	21077	4.973	ug/L	97
60) Isopropylbenzene	10.479	105	175702	5.100	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	24387	4.902	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	139416	5.429	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	137041	5.232	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	85680	5.082	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	84276	4.925	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	77394	4.892	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	4754	4.234	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	60918	4.685	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	59432	5.666	ug/L	97
71) Naphthalene	14.084	128	75683	5.647	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	47382	5.398	ug/L	99

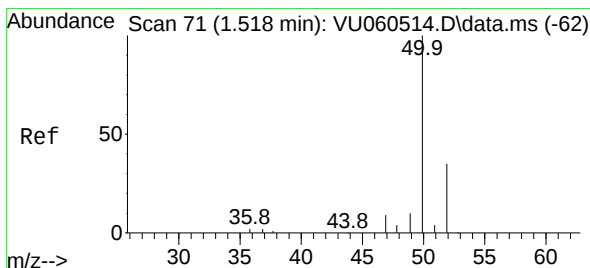
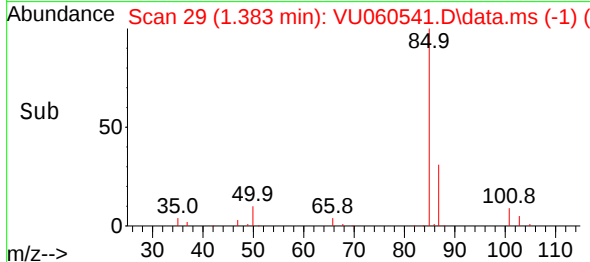
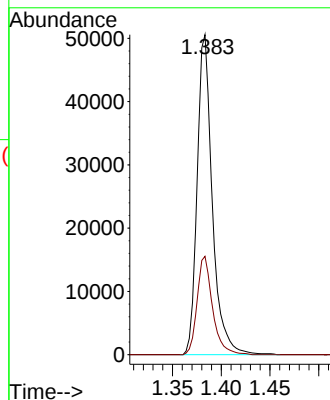
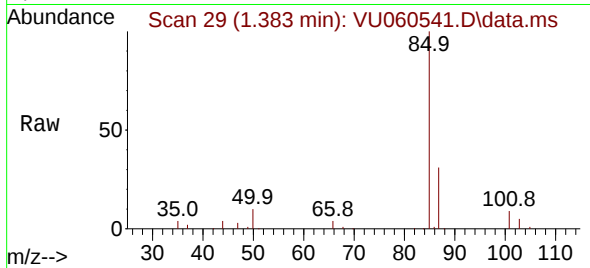
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#2
 Dichlorodifluoromethane
 Concen: 5.062 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU060541.D
 Acq: 26 Aug 2024 10:10

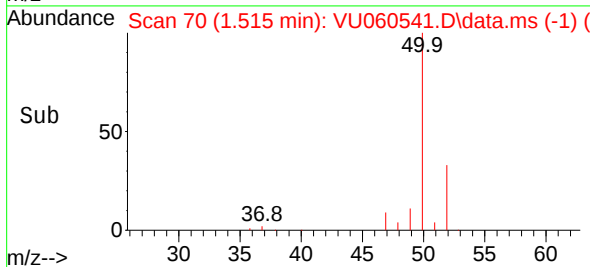
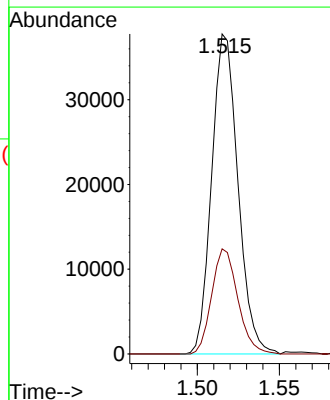
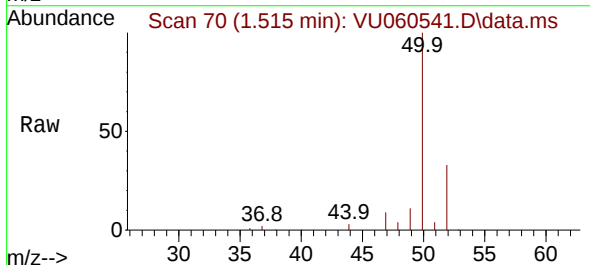
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 ClientSampleId :

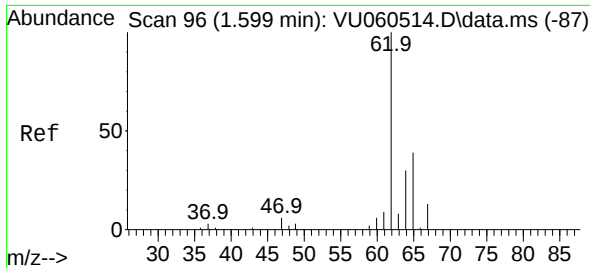
Tgt Ion: 85 Resp: 54728
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.2 39.4



#3
 Chloromethane
 Concen: 4.481 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU060541.D
 Acq: 26 Aug 2024 10:10

Tgt Ion: 50 Resp: 41979
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1

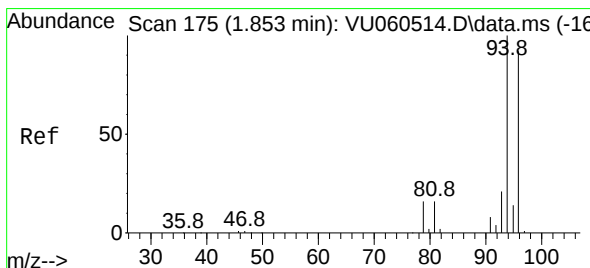
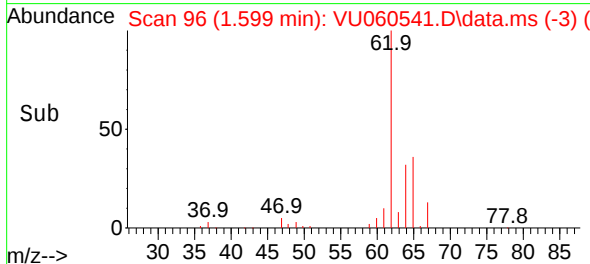
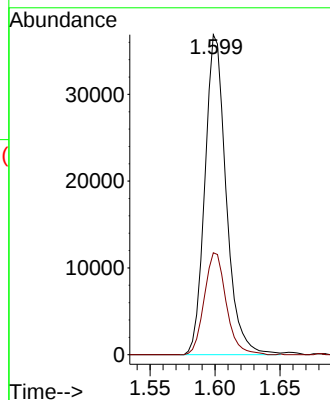
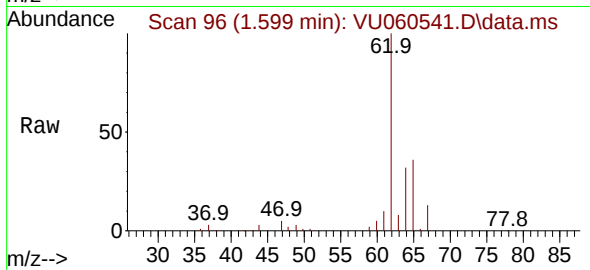




#5
 Vinyl chloride
 Concen: 4.556 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU060541.D
 Acq: 26 Aug 2024 10:10

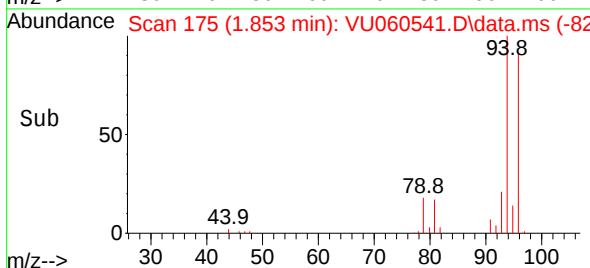
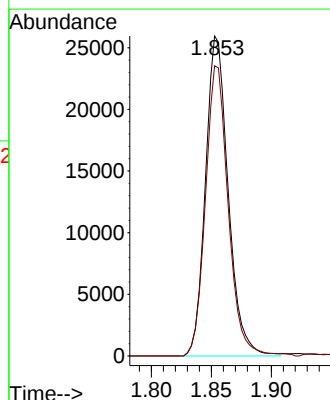
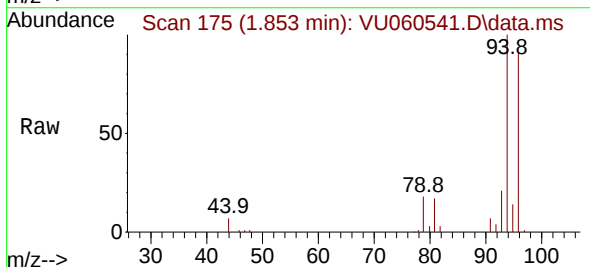
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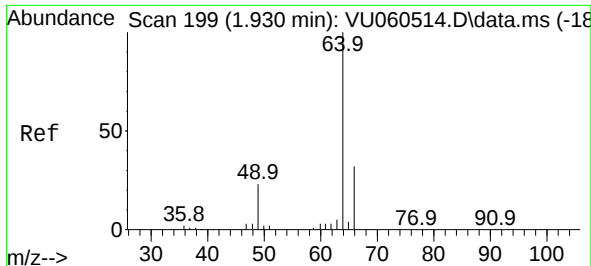
Tgt Ion: 62 Resp: 42021
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.0 40.8



#6
 Bromomethane
 Concen: 3.686 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU060541.D
 Acq: 26 Aug 2024 10:10

Tgt Ion: 94 Resp: 34213
 Ion Ratio Lower Upper
 94 100
 96 90.7 63.3 117.5

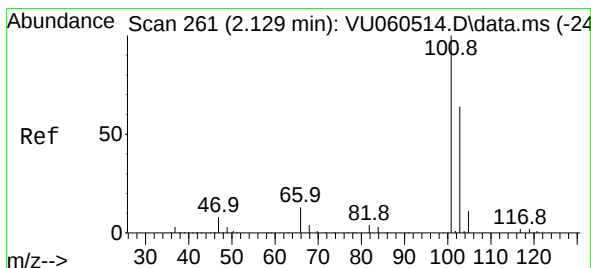
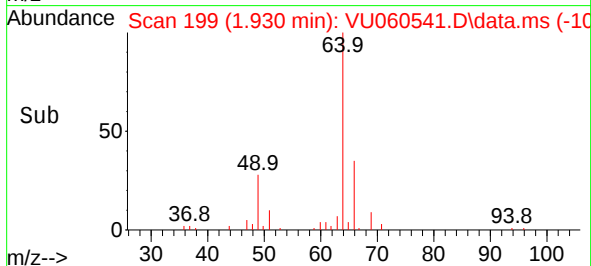
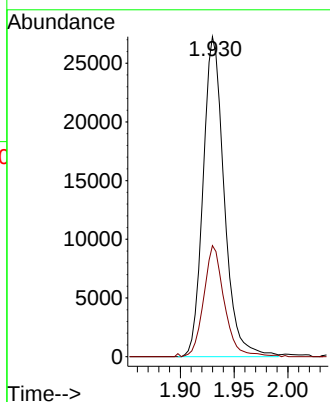
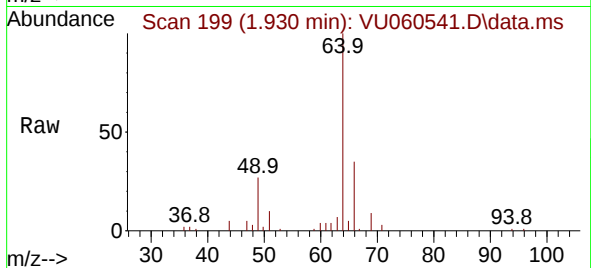




#8
Chloroethane
Concen: 4.421 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

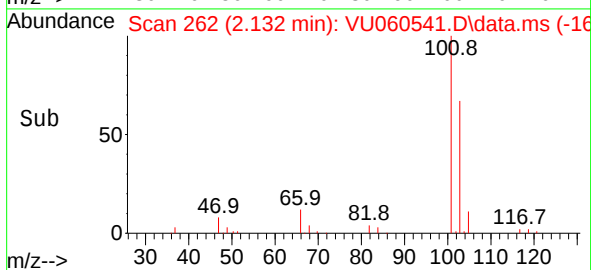
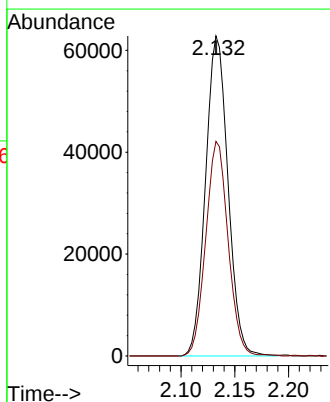
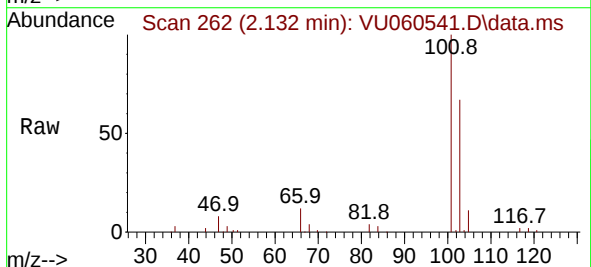
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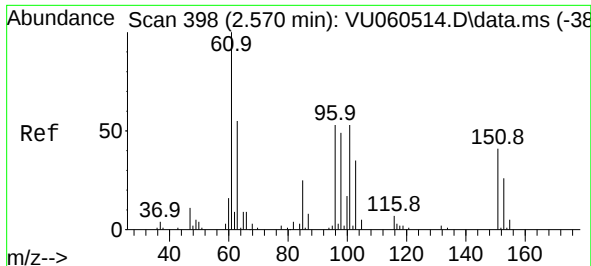
Tgt Ion: 64 Resp: 37212
Ion Ratio Lower Upper
64 100
66 34.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.540 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion:101 Resp: 91048
Ion Ratio Lower Upper
101 100
103 66.9 51.4 77.2

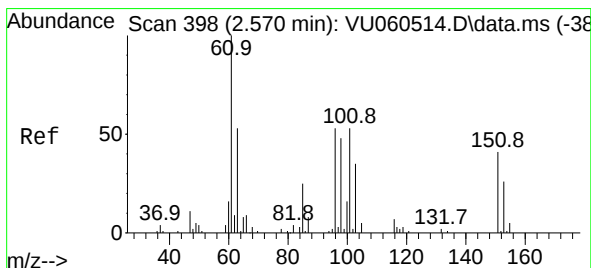
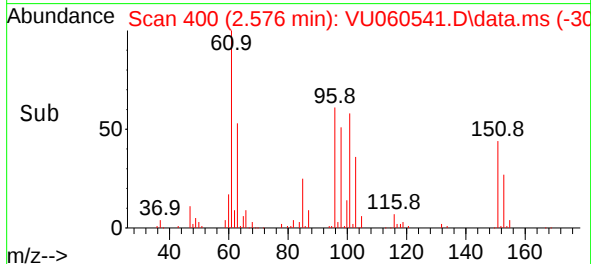
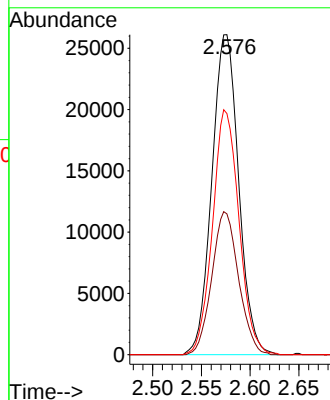
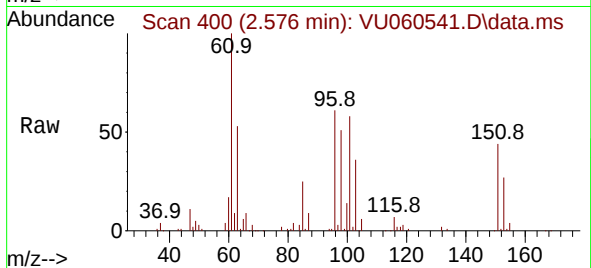




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.889 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.006 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

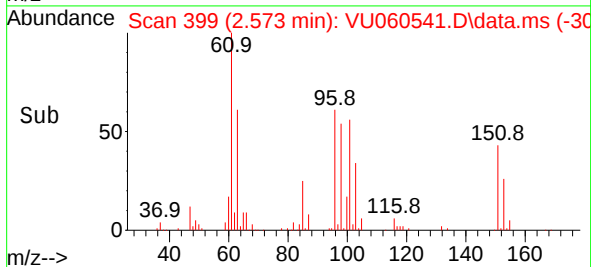
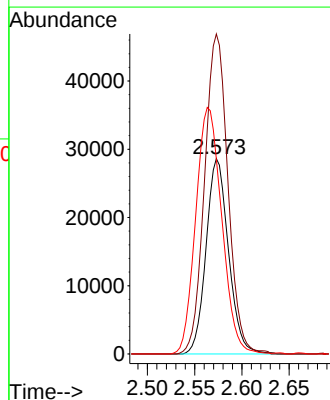
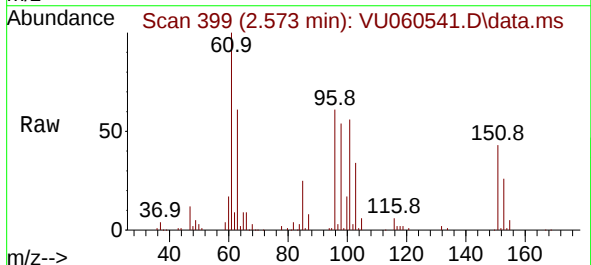
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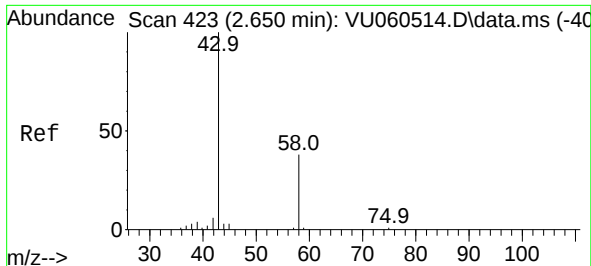
Tgt Ion:101 Resp: 49958
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 75.6 61.7 92.5



#12
1,1-Dichloroethene
Concen: 6.041 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion: 96 Resp: 47175
Ion Ratio Lower Upper
96 100
61 163.8 116.4 216.2
63 99.8 74.8 139.0





#13

Acetone

Concen: 50.679 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

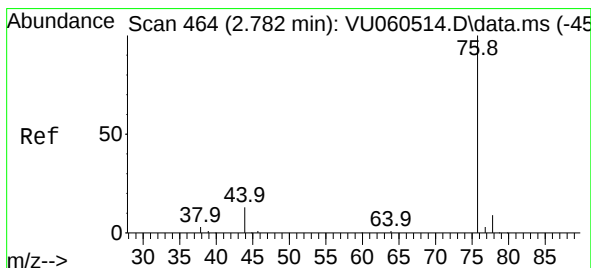
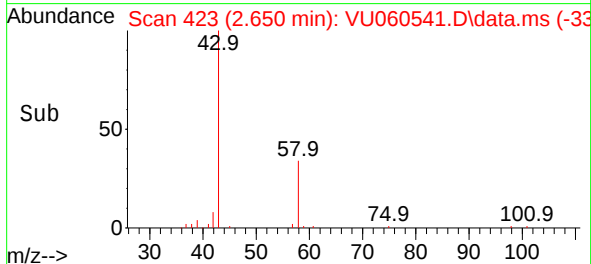
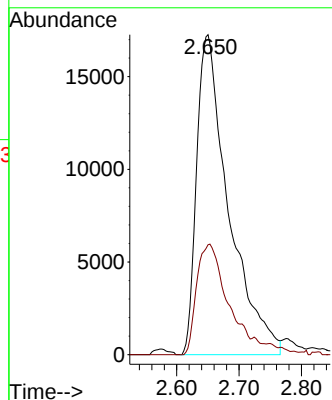
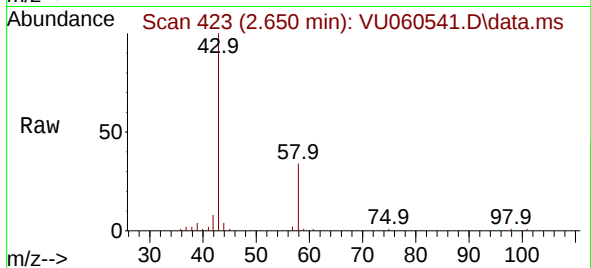
ClientSampleId :

Tgt Ion: 43 Resp: 61366

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.8



#14

Carbon disulfide

Concen: 4.373 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.006 min

Lab File: VU060541.D

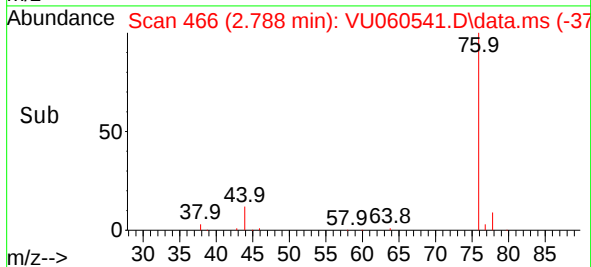
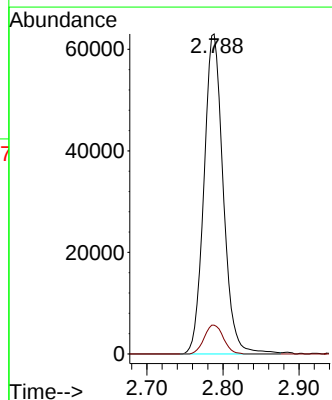
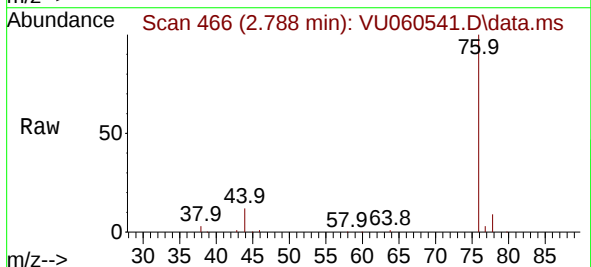
Acq: 26 Aug 2024 10:10

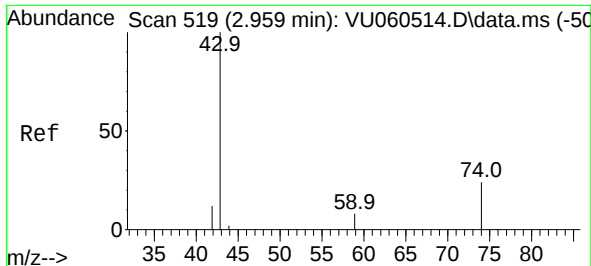
Tgt Ion: 76 Resp: 110819

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 5.376 ug/L

RT: 2.959 min Scan# 519

Delta R.T. -0.000 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

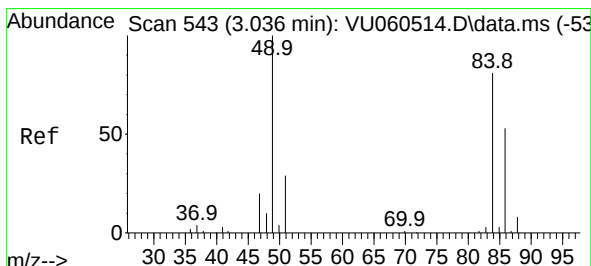
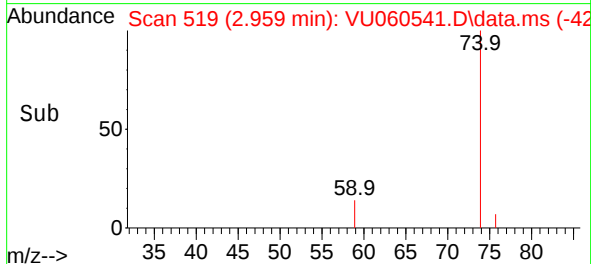
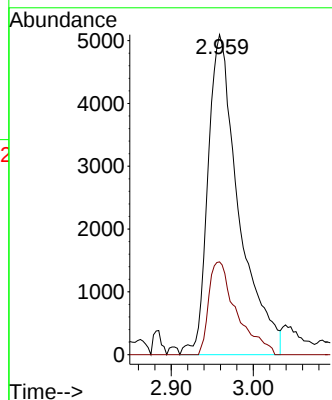
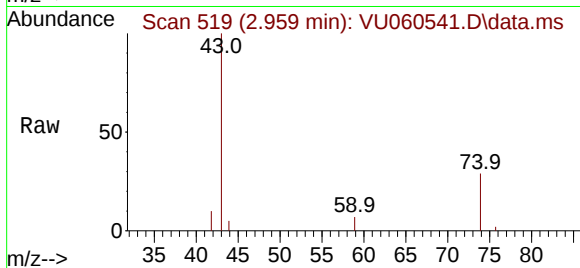
ClientSampleId :

Tgt Ion: 43 Resp: 13311

Ion Ratio Lower Upper

43 100

74 26.2 21.4 32.2



#16

Methylene chloride

Concen: 4.850 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.006 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

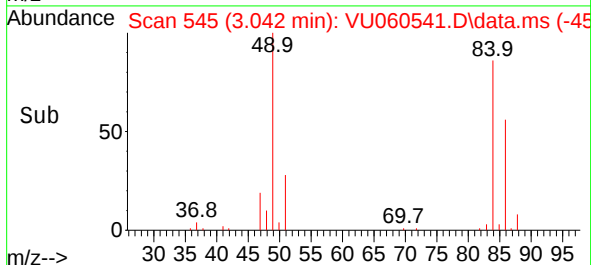
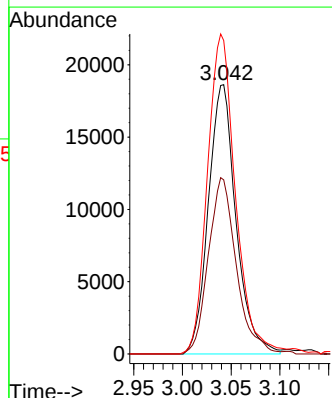
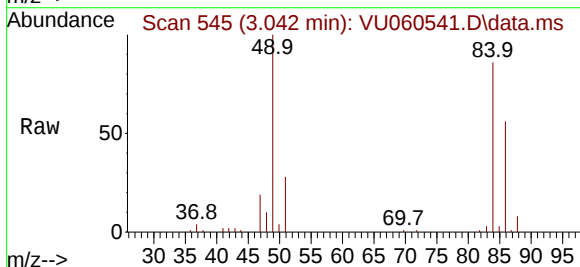
Tgt Ion: 84 Resp: 36783

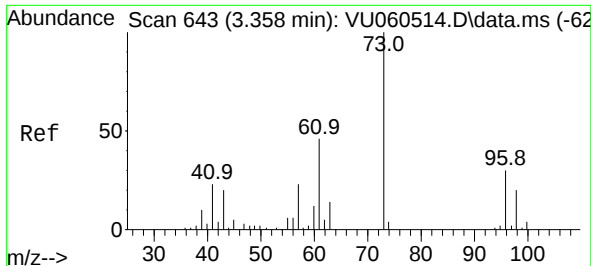
Ion Ratio Lower Upper

84 100

86 64.7 47.5 88.3

49 116.4 94.4 175.2

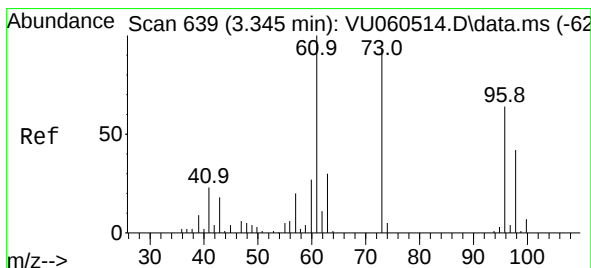
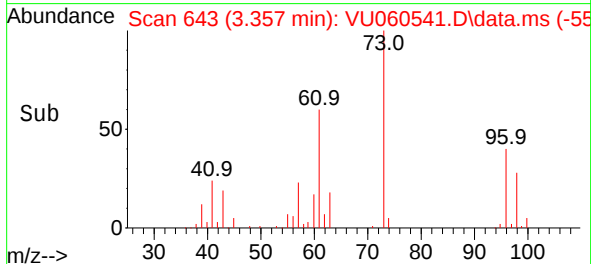
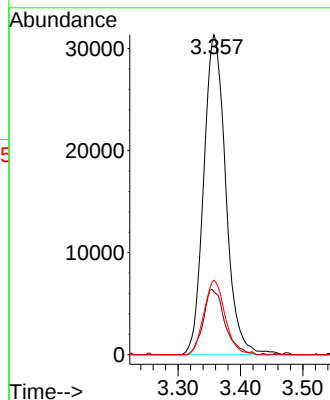
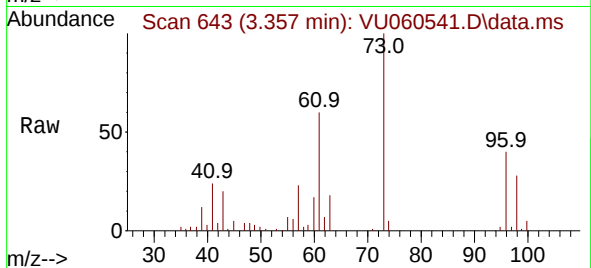




#17
Methyl tert-butyl Ether
Concen: 4.862 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

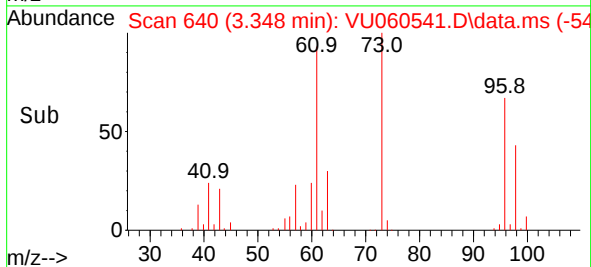
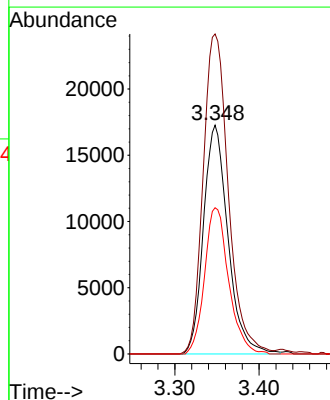
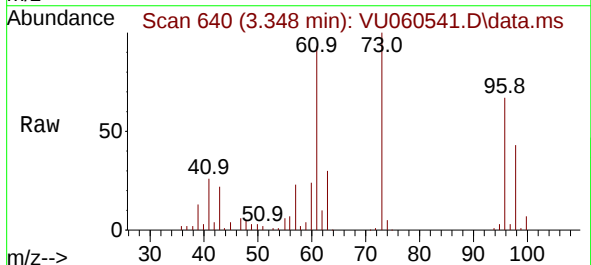
Instrument :
MSVOA_U
ClientSampleId :

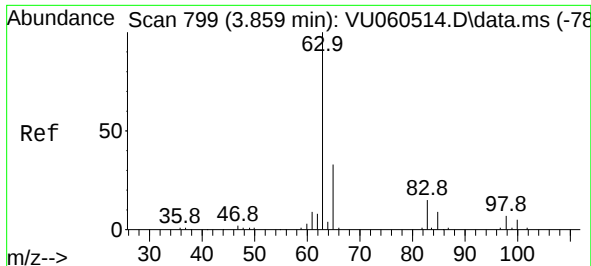
Tgt Ion: 73	Resp: 77048
Ion Ratio	Lower Upper
73 100	
43 20.0	15.8 23.6
57 22.3	16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.148 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion: 96	Resp: 34996
Ion Ratio	Lower Upper
96 100	
61 139.9	99.2 184.2
98 63.9	44.0 81.8

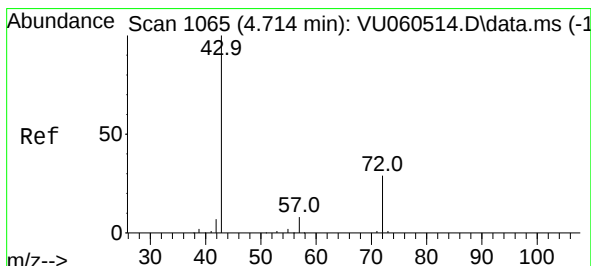
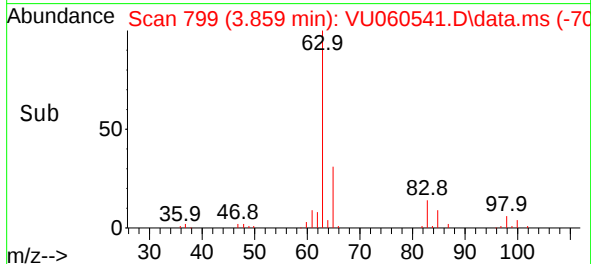
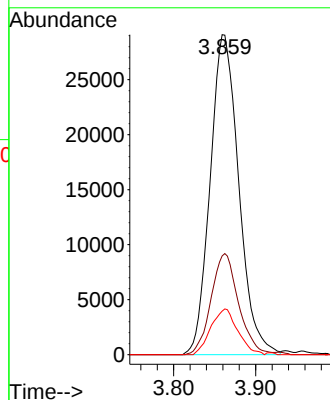
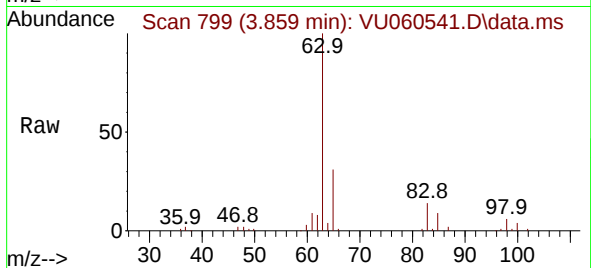




#19
1,1-Dichloroethane
Concen: 5.124 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

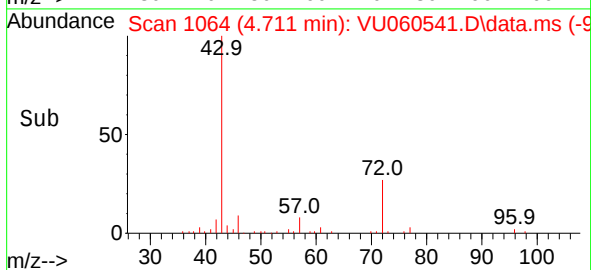
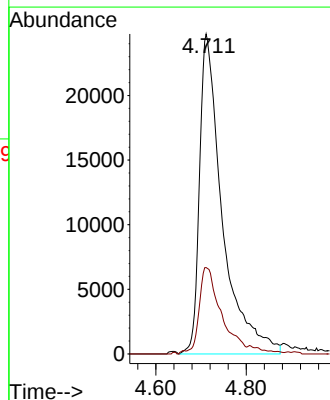
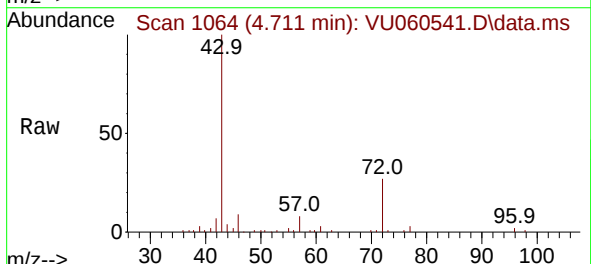
Instrument :
MSVOA_U
ClientSampleId :

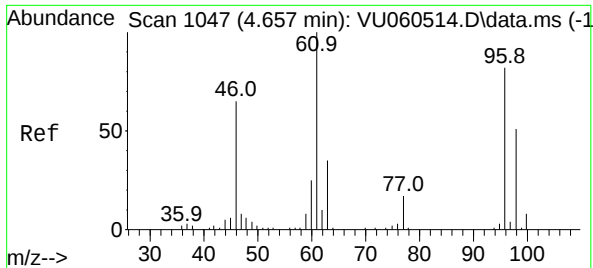
Tgt Ion: 63 Resp: 70583
Ion Ratio Lower Upper
63 100
65 30.9 20.5 38.1
83 13.6 9.2 17.2



#21
2-Butanone
Concen: 52.355 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion: 43 Resp: 86696
Ion Ratio Lower Upper
43 100
72 25.1 14.0 42.0

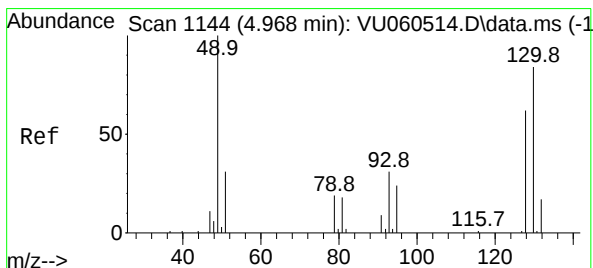
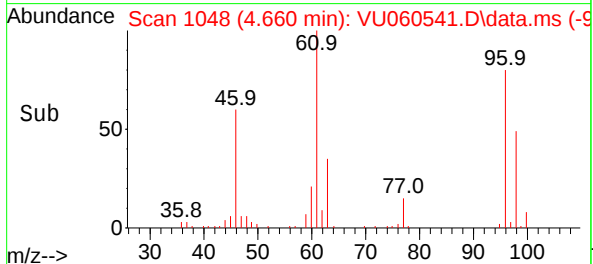
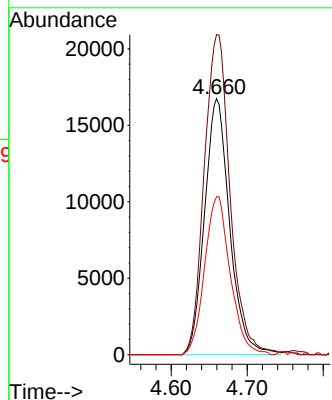
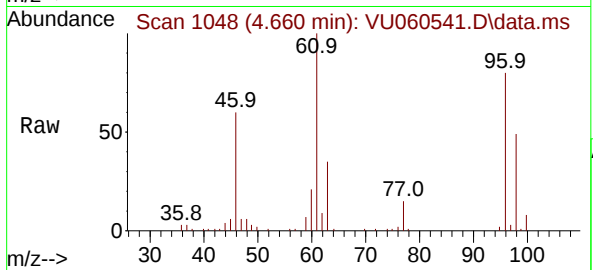




#22
 cis-1,2-Dichloroethene
 Concen: 5.077 ug/L
 RT: 4.660 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU060541.D
 Acq: 26 Aug 2024 10:10

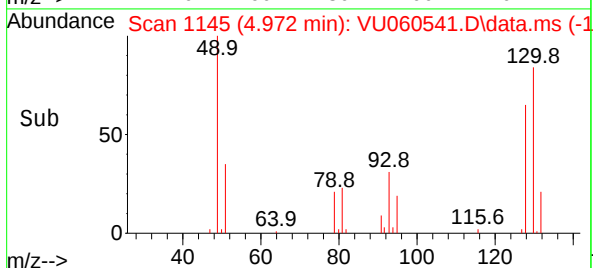
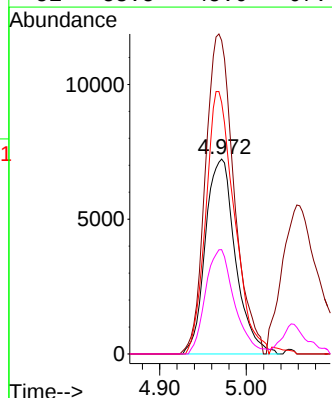
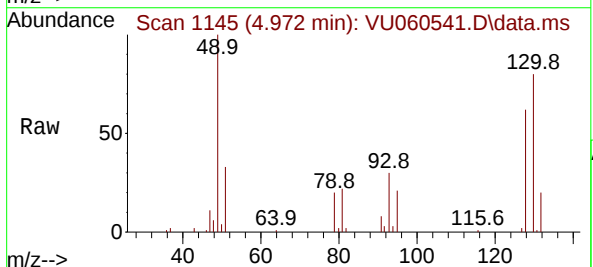
Instrument :
 MSVOA_U
 ClientSampleId :

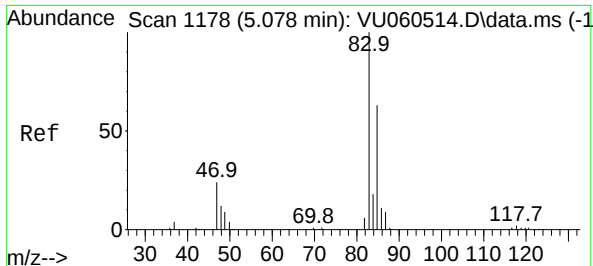
Tgt Ion: 96 Resp: 38458
 Ion Ratio Lower Upper
 96 100
 61 125.0 92.9 172.5
 98 61.7 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.050 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU060541.D
 Acq: 26 Aug 2024 10:10

Tgt Ion:128 Resp: 17386
 Ion Ratio Lower Upper
 128 100
 49 160.8 108.1 200.7
 130 129.0 93.1 172.9
 51 53.5 45.0 67.4





#25

Chloroform

Concen: 5.001 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

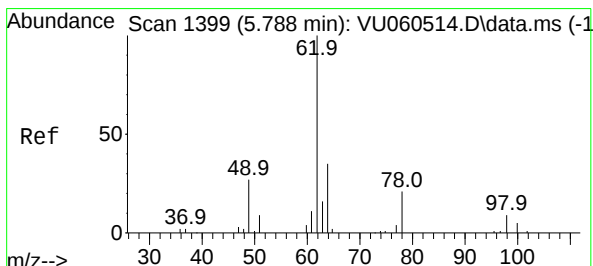
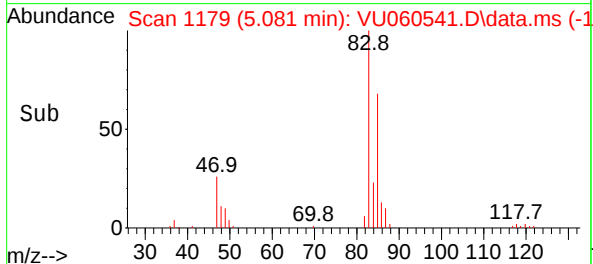
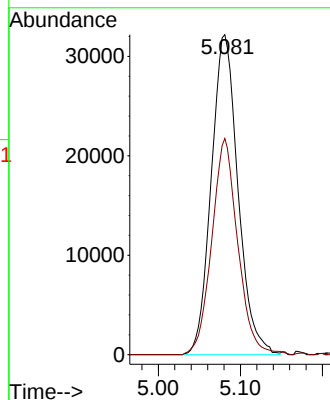
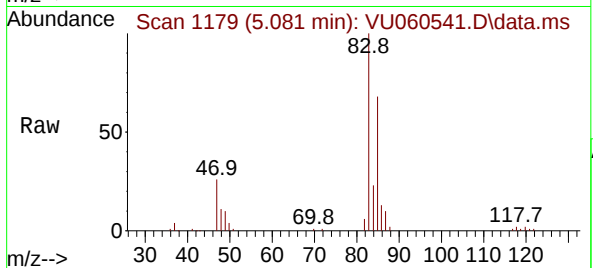
ClientSampleId :

Tgt Ion: 83 Resp: 72907

Ion Ratio Lower Upper

83 100

85 67.6 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.765 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060541.D

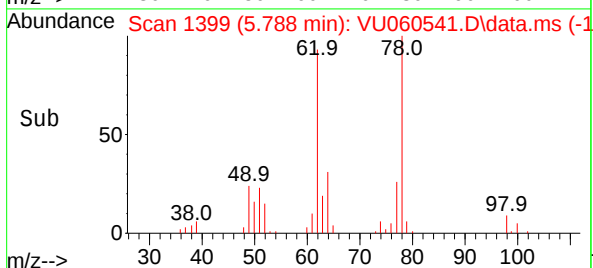
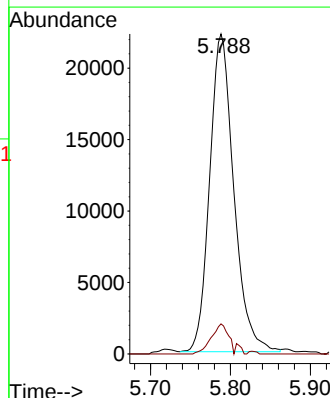
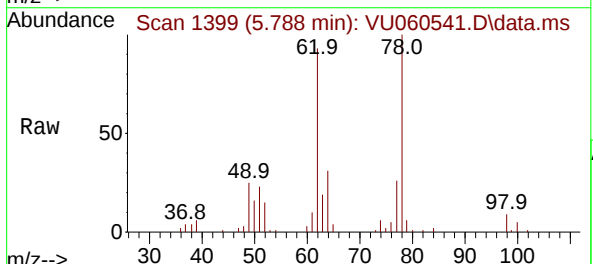
Acq: 26 Aug 2024 10:10

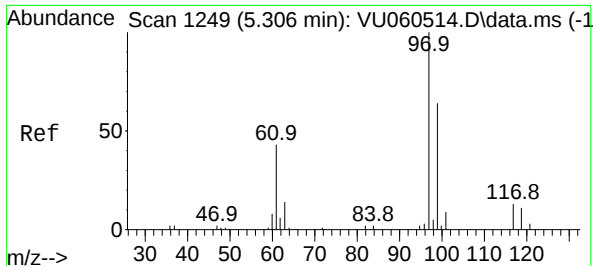
Tgt Ion: 62 Resp: 46629

Ion Ratio Lower Upper

62 100

98 9.4 7.0 10.4

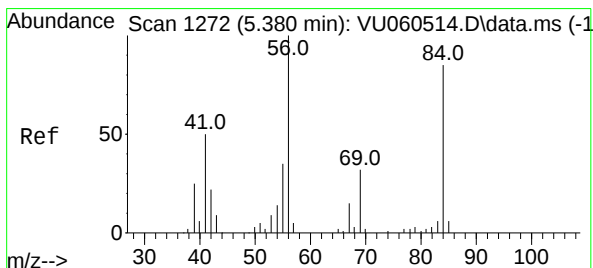
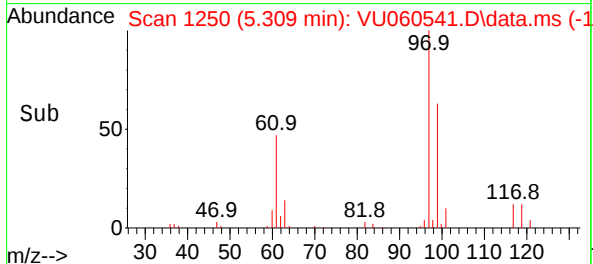
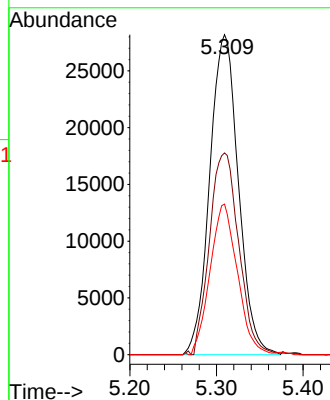
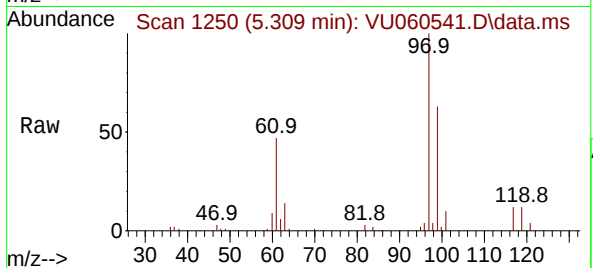




#29
1,1,1-Trichloroethane
Concen: 4.688 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

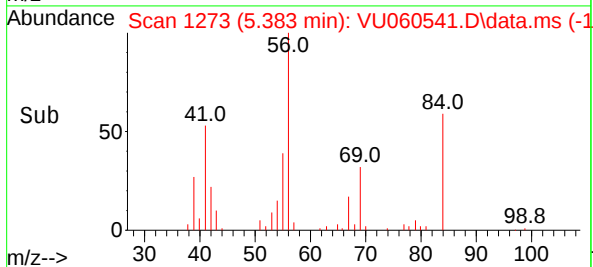
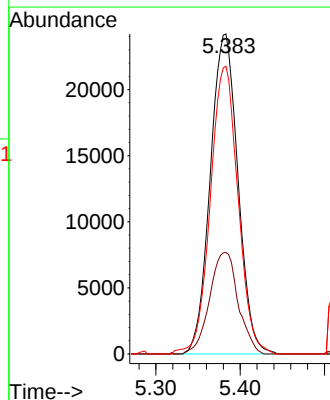
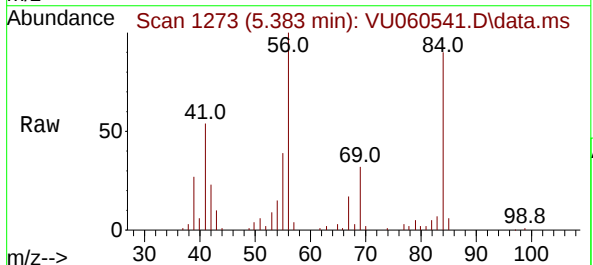
Instrument :
MSVOA_U
ClientSampleId :

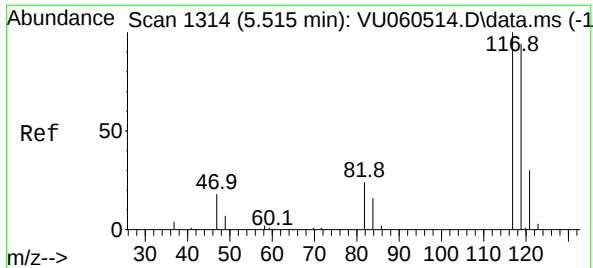
Tgt Ion: 97 Resp: 64722
Ion Ratio Lower Upper
97 100
99 65.0 49.7 74.5
61 45.0 35.4 53.2



#30
Cyclohexane
Concen: 4.831 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion: 56 Resp: 55212
Ion Ratio Lower Upper
56 100
69 32.7 24.2 36.2
84 89.8 69.7 104.5

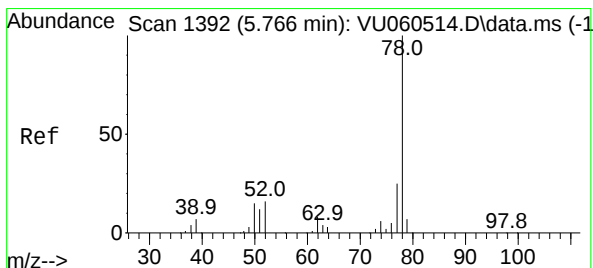
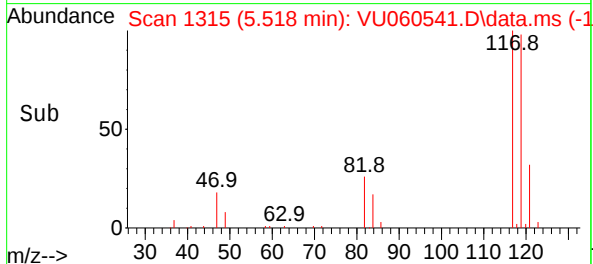
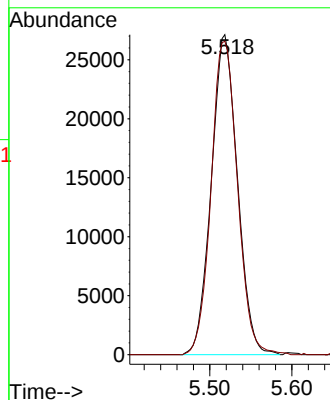
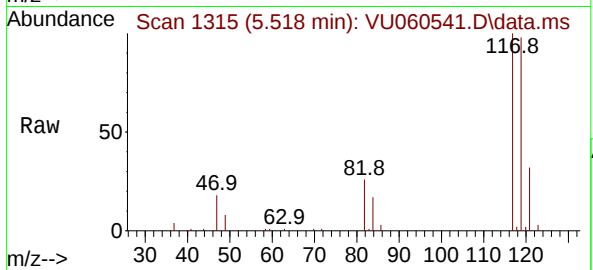




#31
Carbon tetrachloride
Concen: 4.710 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

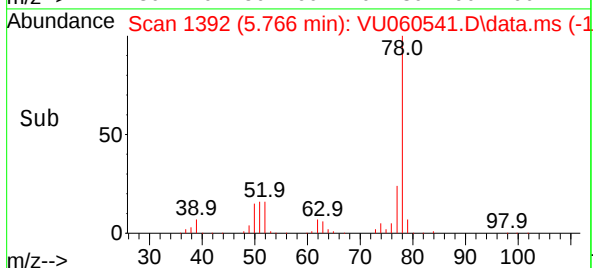
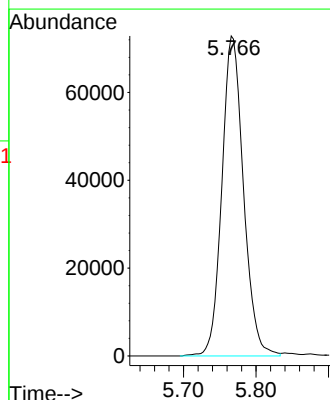
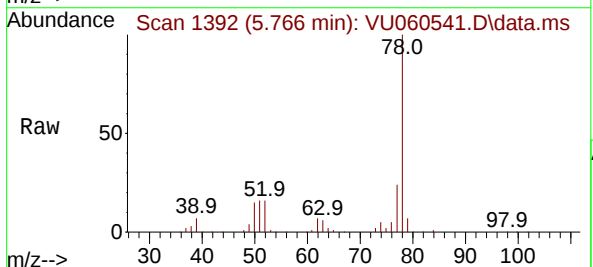
Instrument :
MSVOA_U
ClientSampleId :

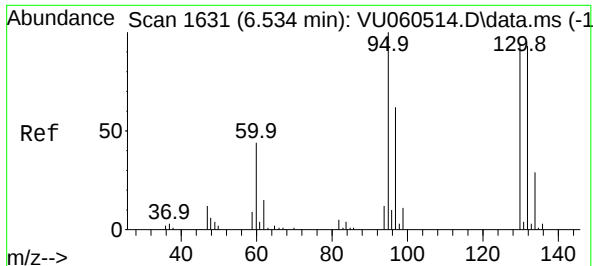
Tgt Ion:117 Resp: 60091
Ion Ratio Lower Upper
117 100
119 98.8 76.4 114.6



#33
Benzene
Concen: 4.722 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion: 78 Resp: 150960

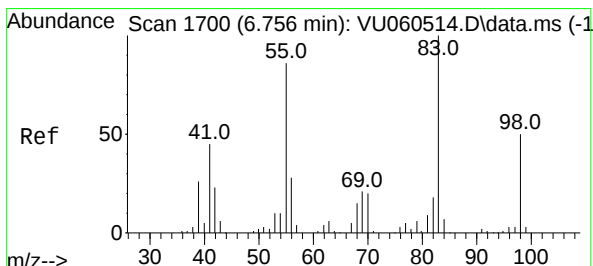
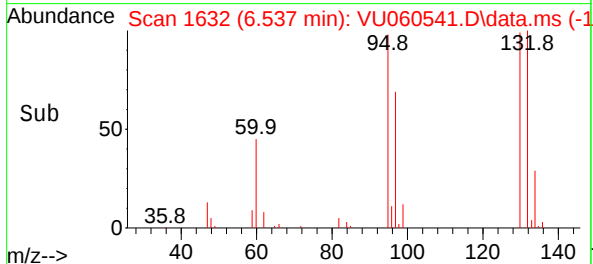
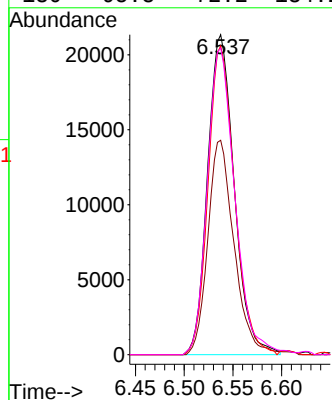
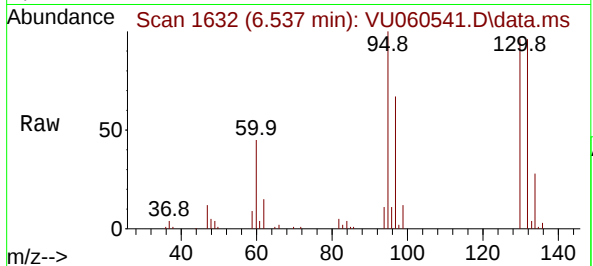




#34
Trichloroethene
Concen: 4.696 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

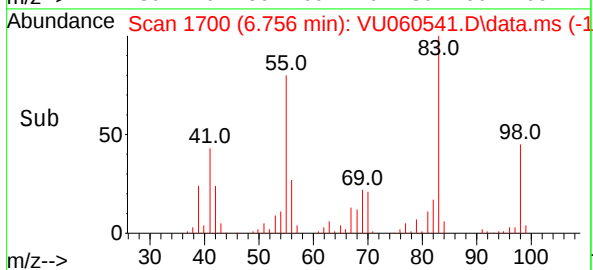
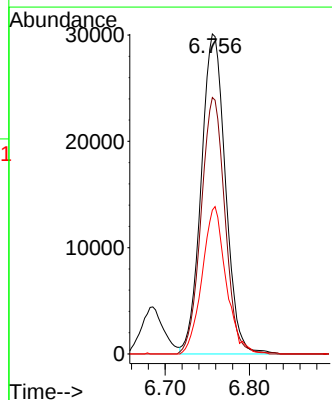
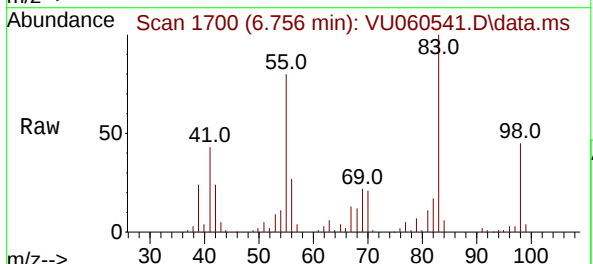
Instrument :
MSVOA_U
ClientSampleId :

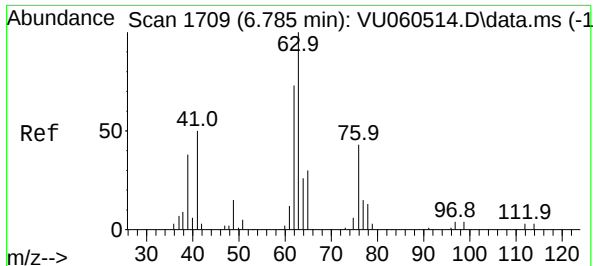
Tgt Ion: 95 Resp: 40690
Ion Ratio Lower Upper
95 100
97 67.0 45.8 85.2
132 96.5 67.4 125.2
130 95.8 72.2 134.2



#35
Methylcyclohexane
Concen: 5.068 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion: 83 Resp: 60251
Ion Ratio Lower Upper
83 100
55 78.7 65.8 98.8
98 45.3 37.8 56.8

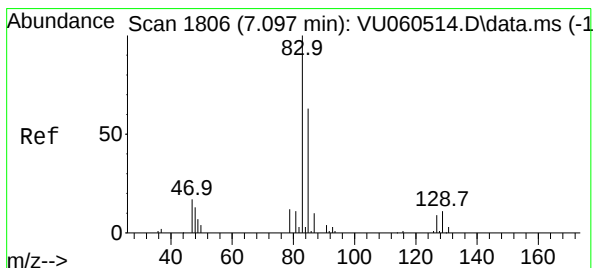
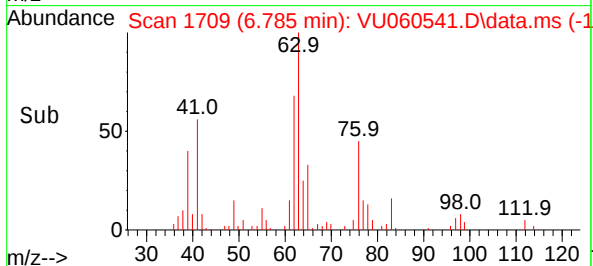
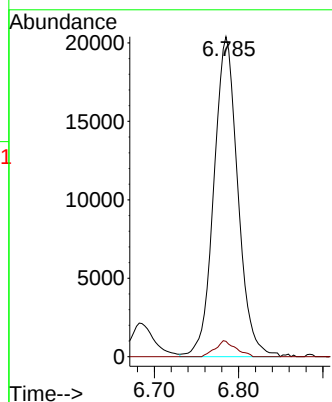
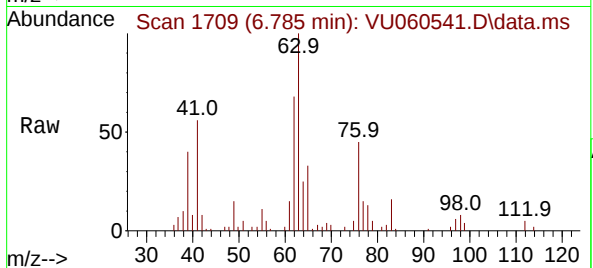




#37
1,2-Dichloropropane
Concen: 4.915 ug/L
RT: 6.785 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

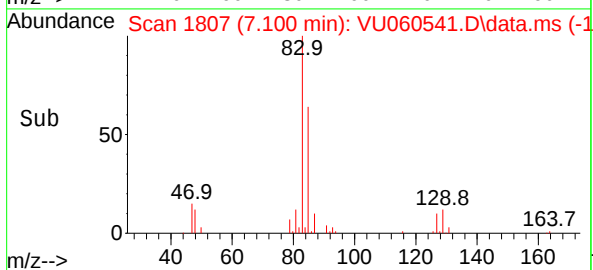
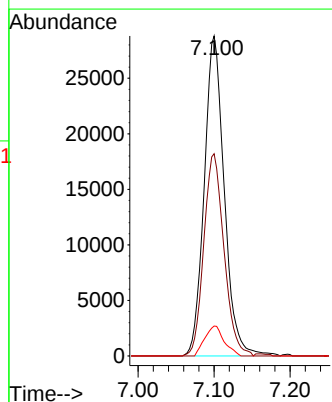
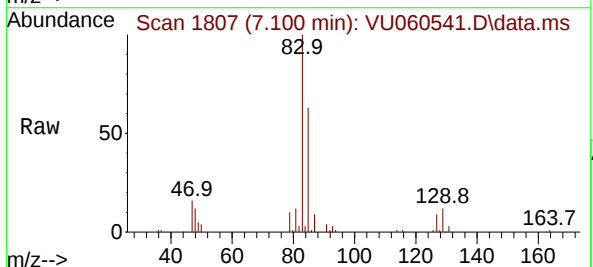
Instrument :
MSVOA_U
ClientSampleId :

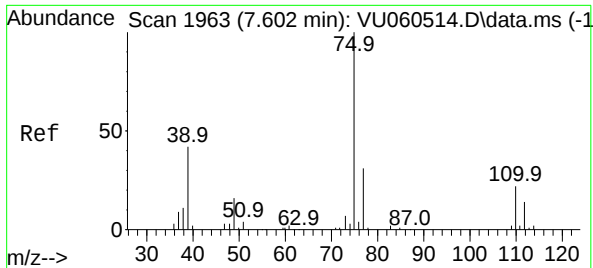
Tgt Ion: 63 Resp: 40259
Ion Ratio Lower Upper
63 100
112 4.2 2.3 3.5#



#38
Bromodichloromethane
Concen: 4.911 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion: 83 Resp: 52854
Ion Ratio Lower Upper
83 100
85 63.2 44.9 83.5
127 9.4 7.3 10.9

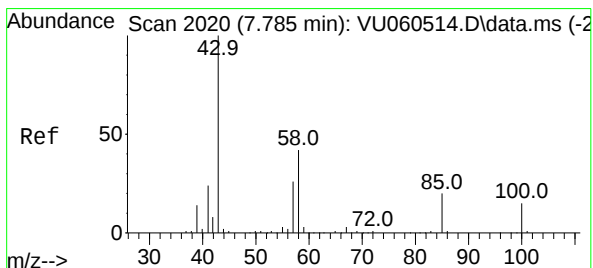
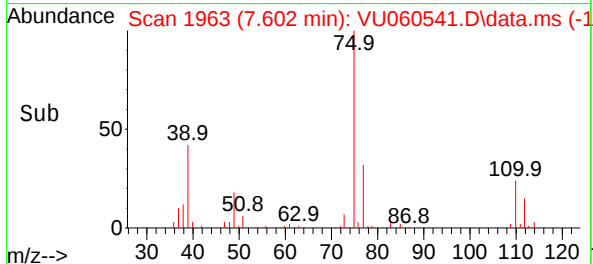
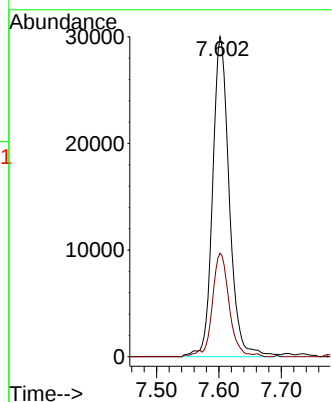
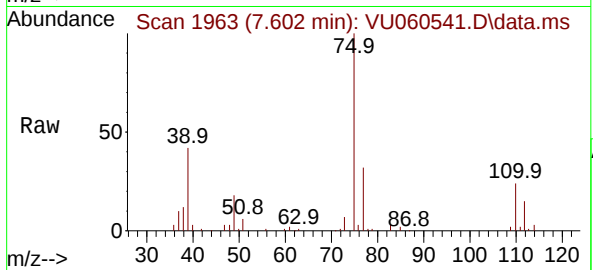




#39
 cis-1,3-Dichloropropene
 Concen: 4.655 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060541.D
 Acq: 26 Aug 2024 10:10

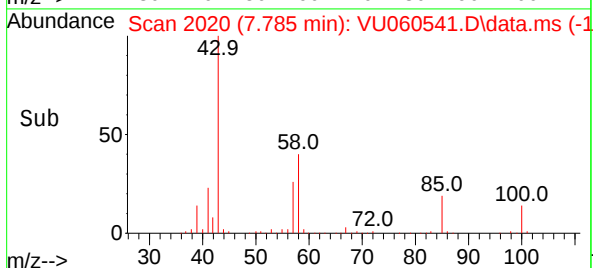
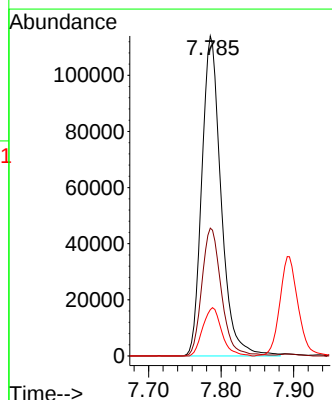
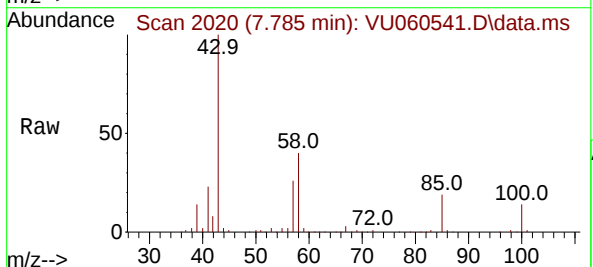
Instrument :
 MSVOA_U
 ClientSampleId :

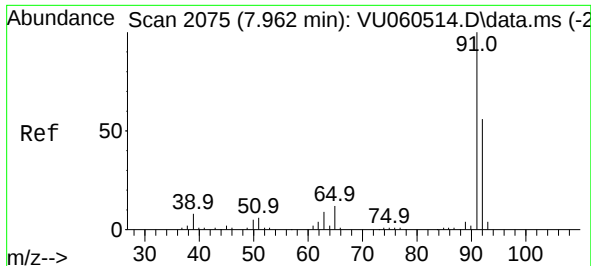
Tgt Ion: 75 Resp: 55905
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 49.374 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060541.D
 Acq: 26 Aug 2024 10:10

Tgt Ion: 43 Resp: 210629
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.5 48.7
 100 14.9 12.5 18.7





#42

Toluene

Concen: 4.918 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

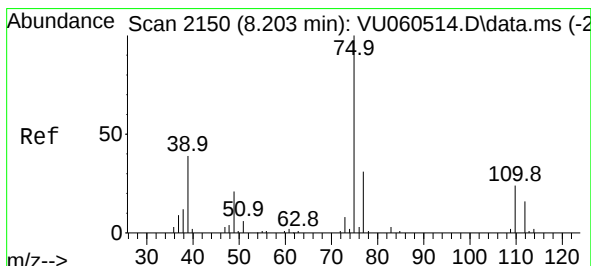
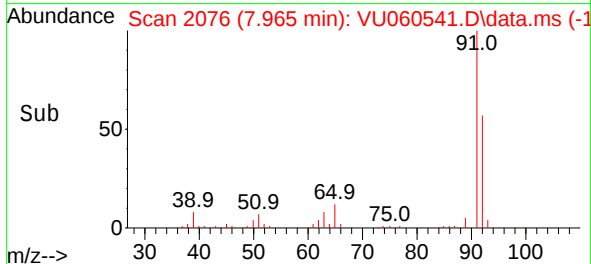
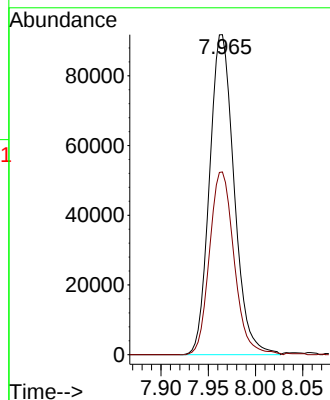
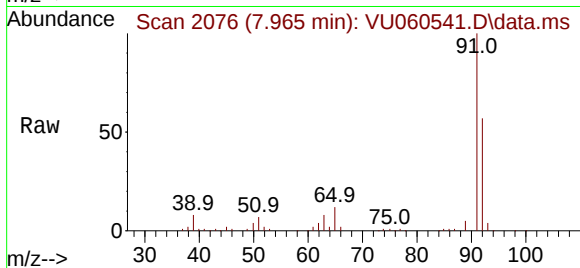
ClientSampleId :

Tgt Ion: 91 Resp: 166155

Ion Ratio Lower Upper

91 100

92 57.1 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.040 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060541.D

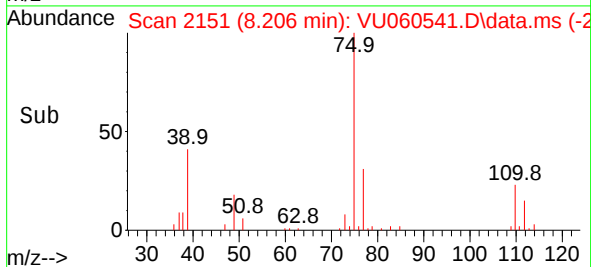
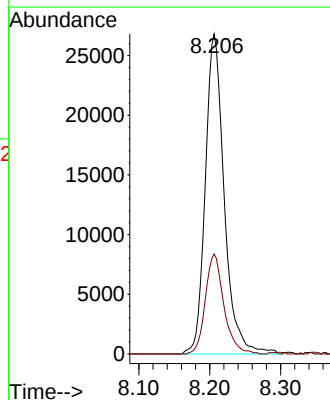
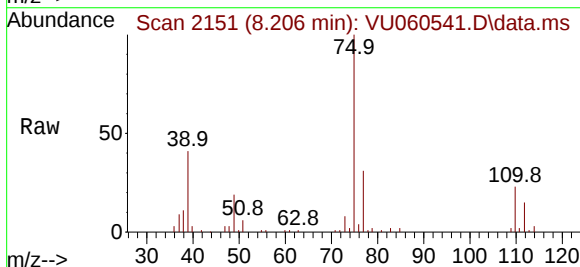
Acq: 26 Aug 2024 10:10

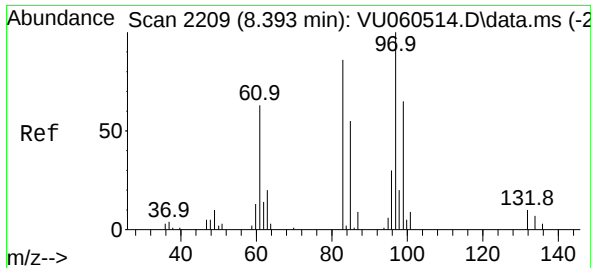
Tgt Ion: 75 Resp: 49696

Ion Ratio Lower Upper

75 100

77 31.2 23.4 43.6

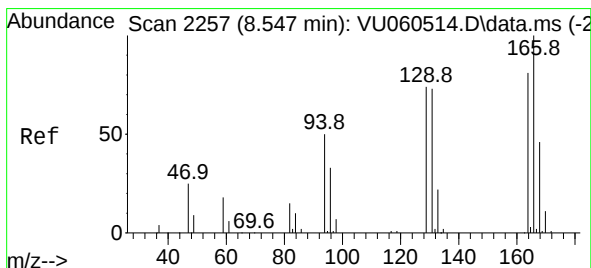
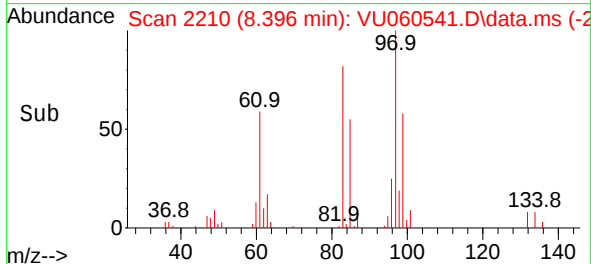
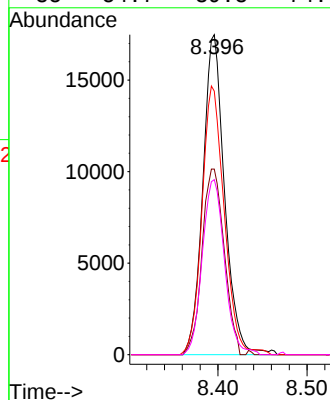
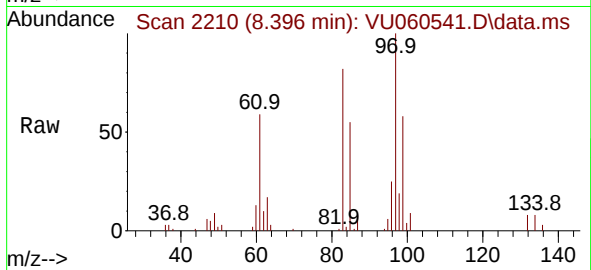




#45
1,1,2-Trichloroethane
Concen: 4.990 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

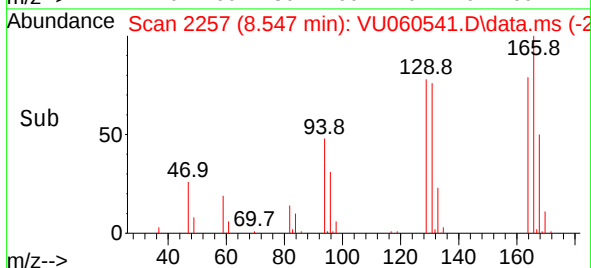
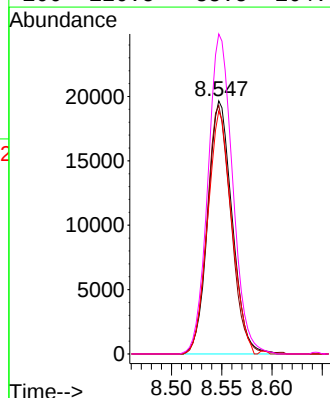
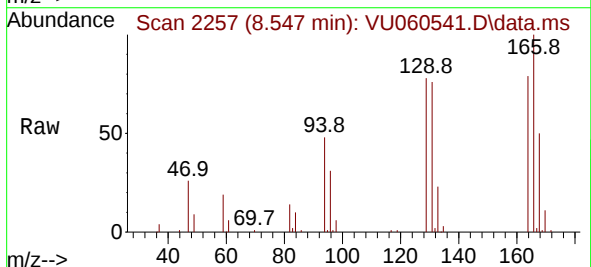
Instrument :
MSVOA_U
ClientSampleId :

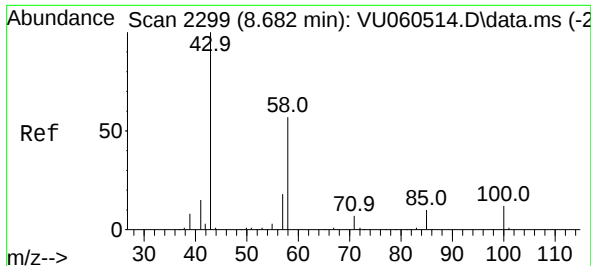
Tgt Ion:	97	Resp:	29610
Ion	Ratio	Lower	Upper
97	100		
99	58.0	42.4	78.8
83	82.3	64.0	119.0
85	54.7	39.8	74.0



#47
Tetrachloroethene
Concen: 4.650 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion:	164	Resp:	33024
Ion	Ratio	Lower	Upper
164	100		
129	98.2	67.8	125.8
131	96.0	67.2	124.8
166	126.5	88.5	164.4





#48

2-Hexanone

Concen: 47.776 ug/L

RT: 8.679 min Scan# 2299

Delta R.T. -0.003 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 152531

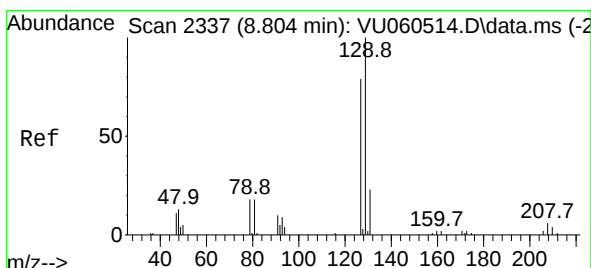
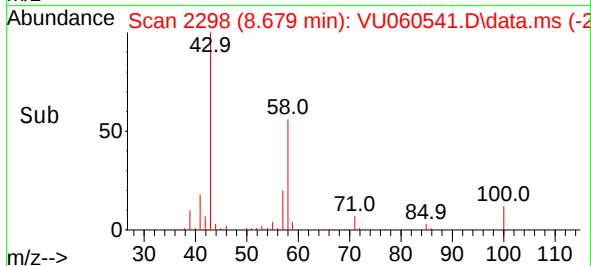
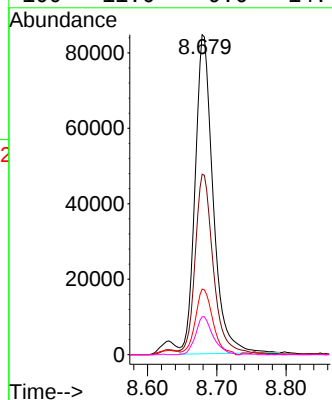
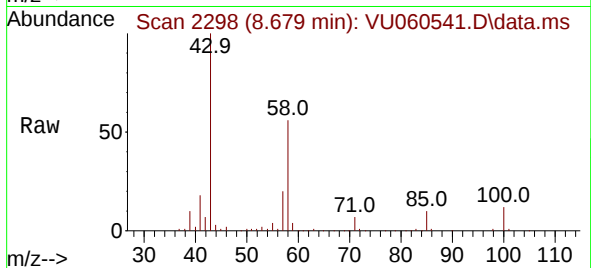
Ion Ratio Lower Upper

43 100

58 57.5 45.6 68.4

57 20.2 15.6 23.4

100 11.6 9.6 14.4



#49

Dibromochloromethane

Concen: 5.101 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060541.D

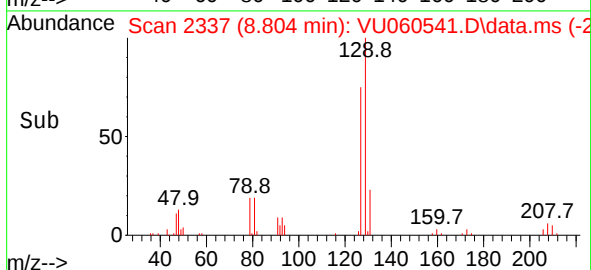
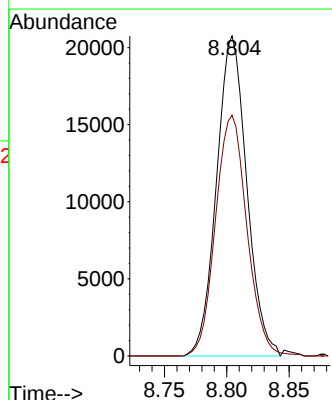
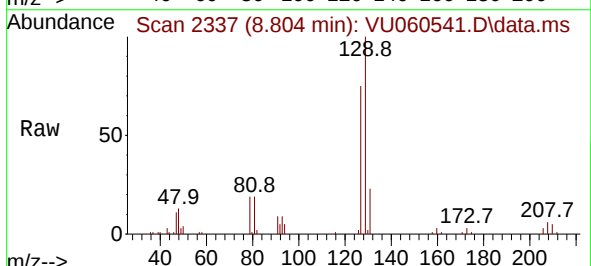
Acq: 26 Aug 2024 10:10

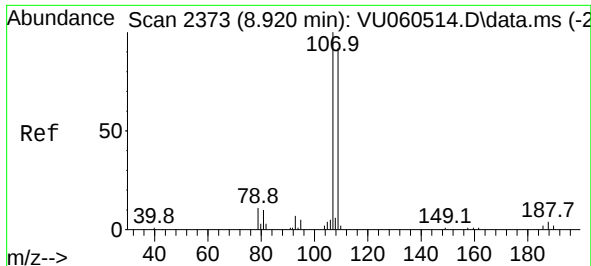
Tgt Ion:129 Resp: 35040

Ion Ratio Lower Upper

129 100

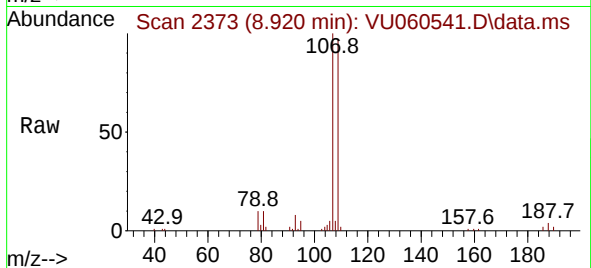
127 75.3 53.0 98.4



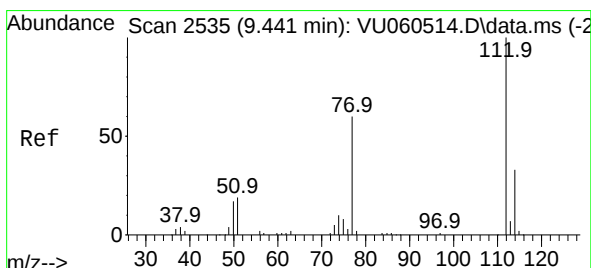
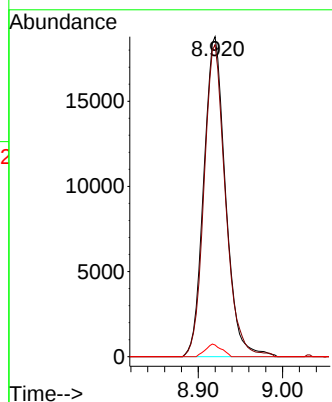
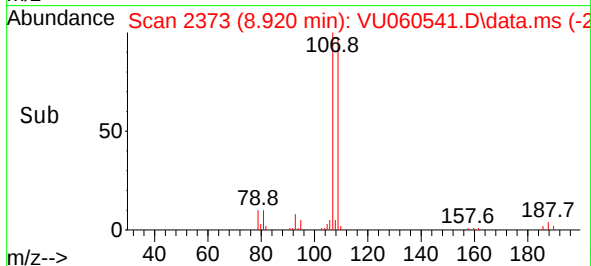


#50
1,2-Dibromoethane
Concen: 6.209 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Instrument :
MSVOA_U
ClientSampleId :

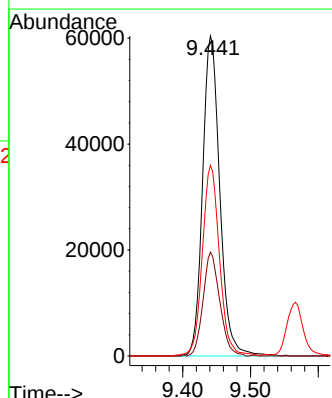
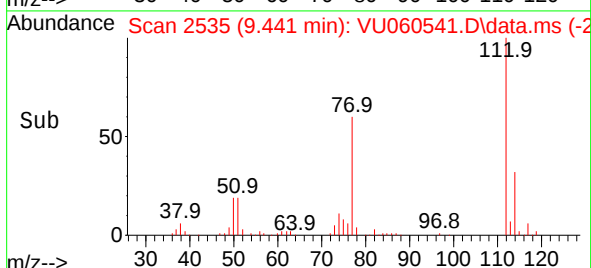
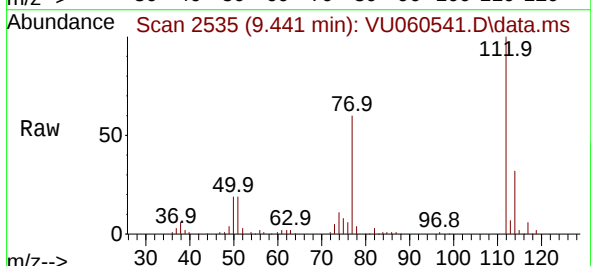


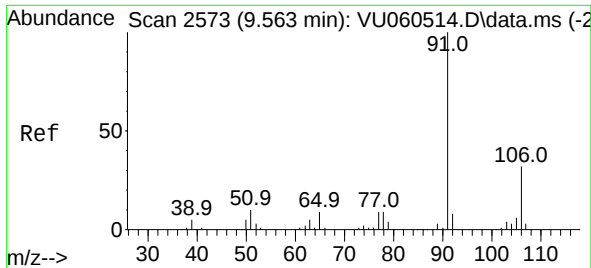
Tgt Ion:107 Resp: 33824
Ion Ratio Lower Upper
107 100
109 97.5 68.5 127.3
188 3.6 3.9 5.9#



#51
Chlorobenzene
Concen: 4.872 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion:112 Resp: 106547
Ion Ratio Lower Upper
112 100
114 32.4 21.9 40.7
77 59.6 47.4 71.2





#52

Ethylbenzene

Concen: 4.889 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

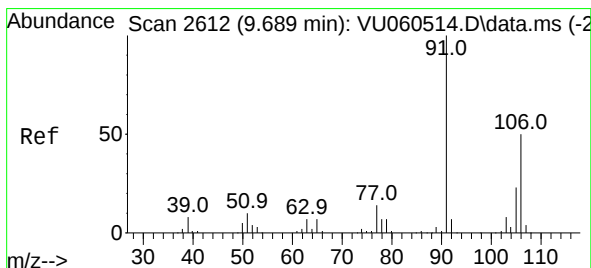
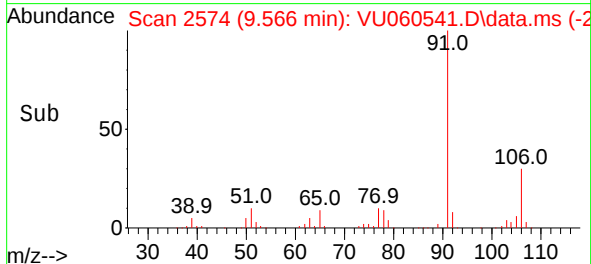
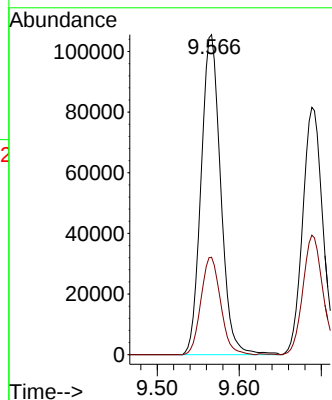
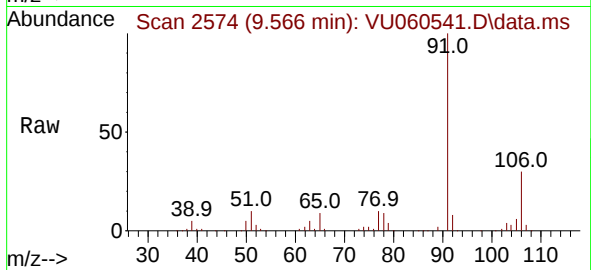
ClientSampleId :

Tgt Ion: 91 Resp: 175038

Ion Ratio Lower Upper

91 100

106 30.4 21.9 40.7



#53

m,p-Xylene

Concen: 5.136 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060541.D

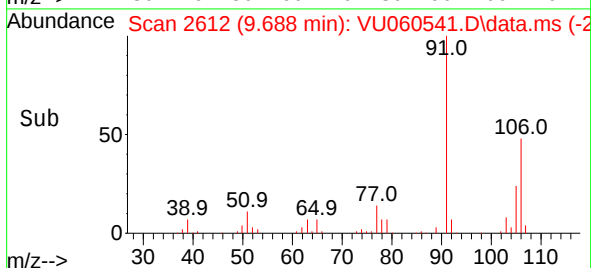
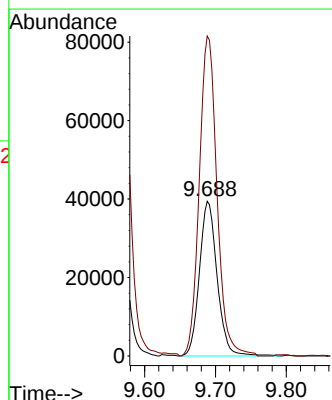
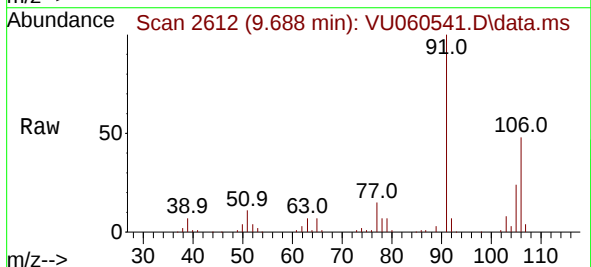
Acq: 26 Aug 2024 10:10

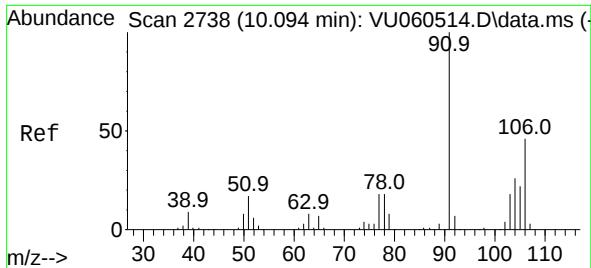
Tgt Ion:106 Resp: 68358

Ion Ratio Lower Upper

106 100

91 206.9 141.5 262.9

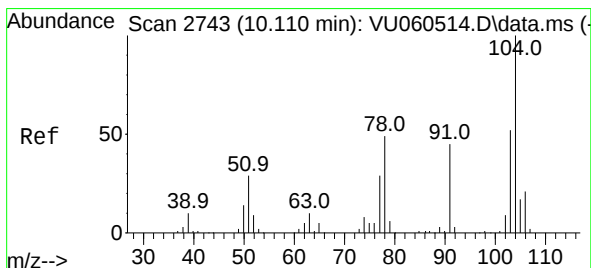
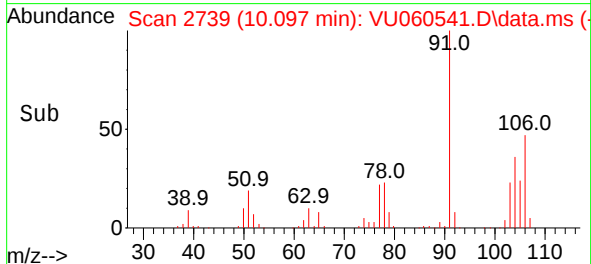
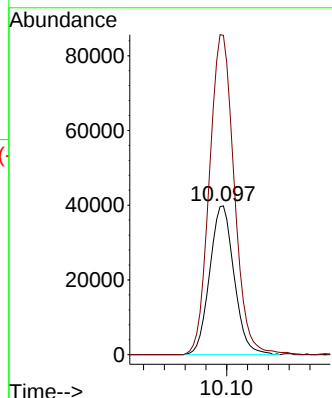
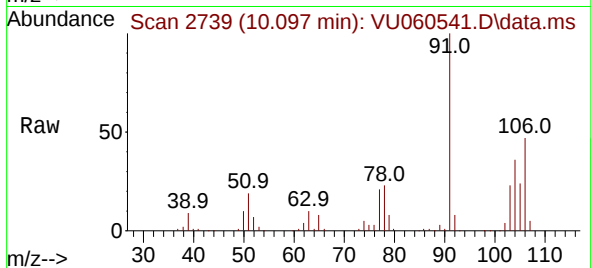




#54
o-Xylene
Concen: 4.770 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

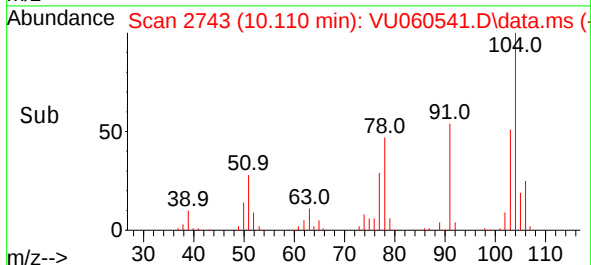
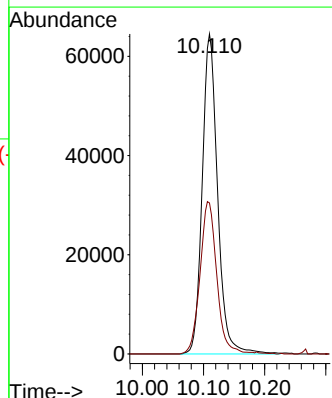
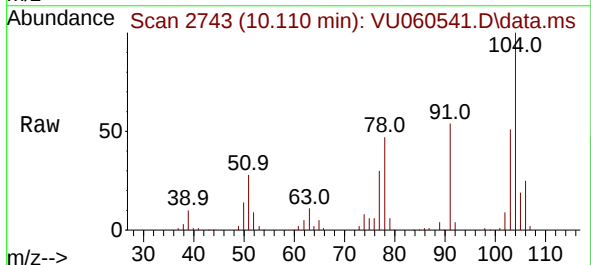
Instrument :
MSVOA_U
ClientSampleId :

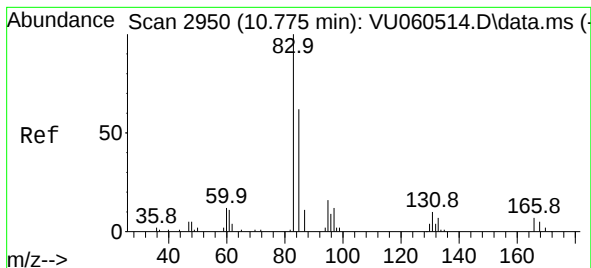
Tgt Ion:106 Resp: 64997
Ion Ratio Lower Upper
106 100
91 214.7 151.1 280.7



#55
Styrene
Concen: 5.044 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion:104 Resp: 112602
Ion Ratio Lower Upper
104 100
78 47.2 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.553 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

ClientSampleId :

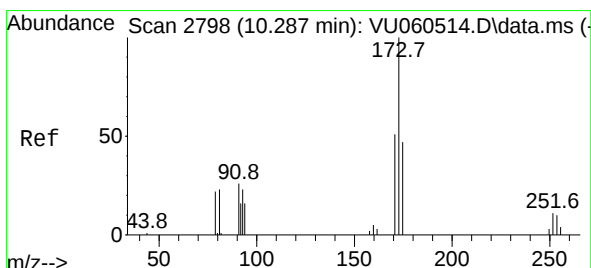
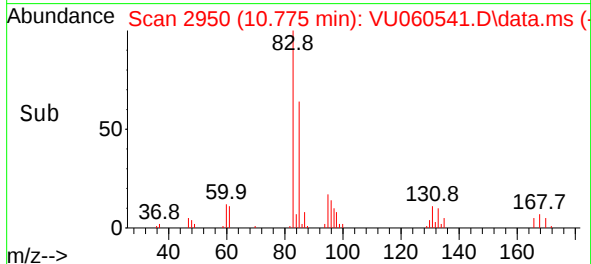
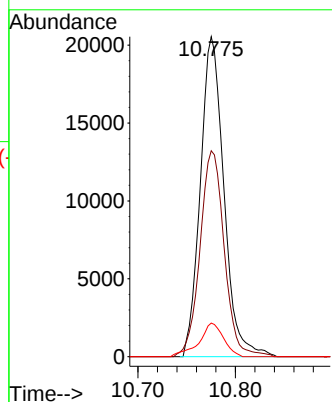
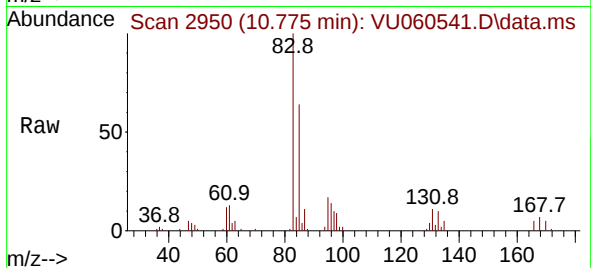
Tgt Ion: 83 Resp: 34497

Ion Ratio Lower Upper

83 100

85 64.4 43.3 80.5

131 10.5 8.9 13.3



#59

Bromoform

Concen: 4.973 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

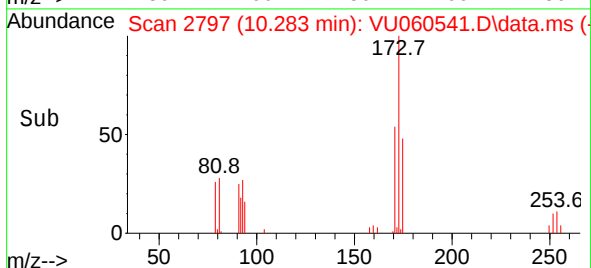
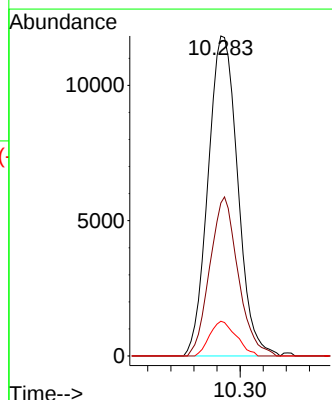
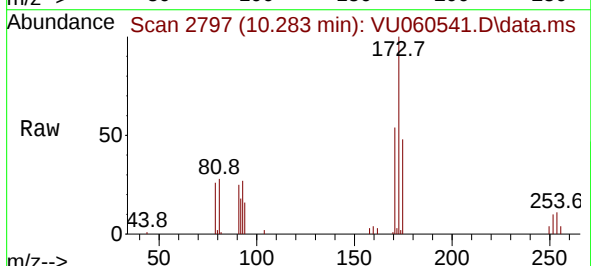
Tgt Ion:173 Resp: 21077

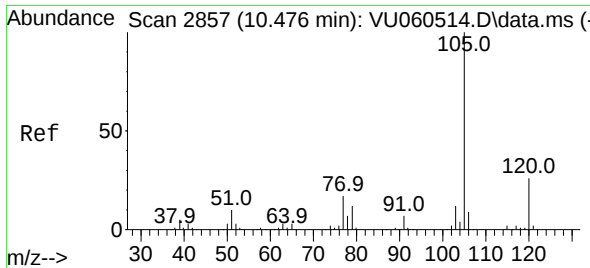
Ion Ratio Lower Upper

173 100

175 47.6 39.8 59.8

254 9.7 8.2 12.2

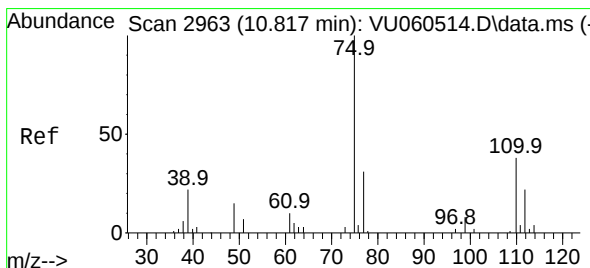
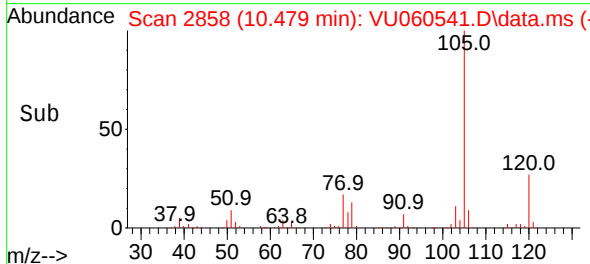
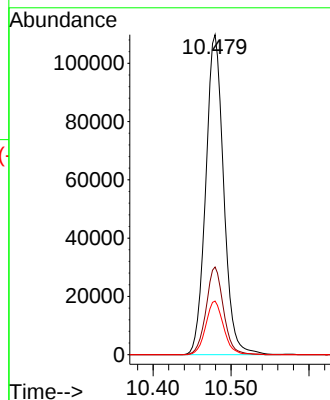
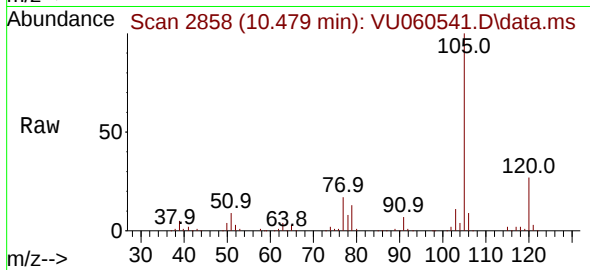




#60
Isopropylbenzene
Concen: 5.100 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

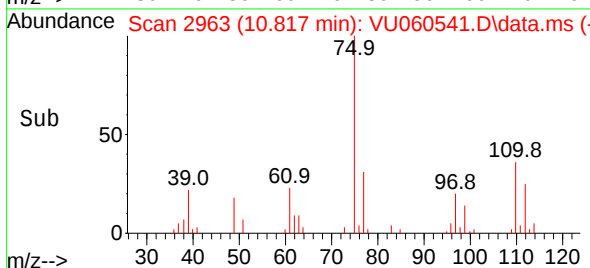
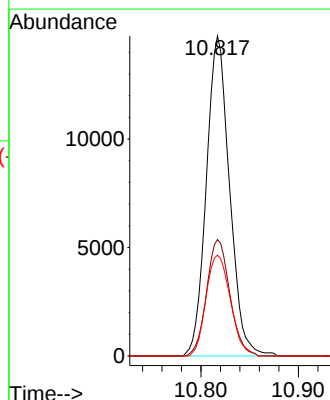
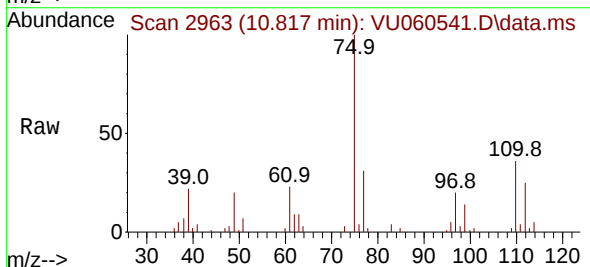
Instrument :
MSVOA_U
ClientSampleId :

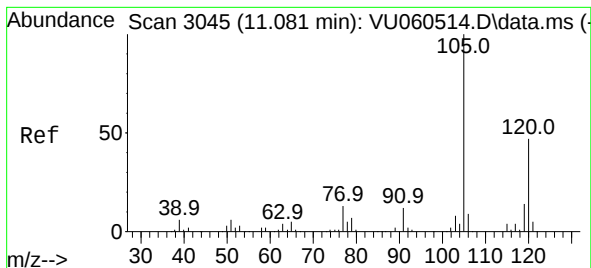
Tgt Ion:105 Resp: 175702
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 16.7 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.902 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion: 75 Resp: 24387
Ion Ratio Lower Upper
75 100
110 36.4 30.2 45.4
77 33.0 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.429 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

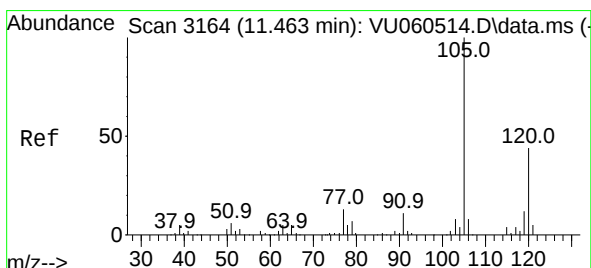
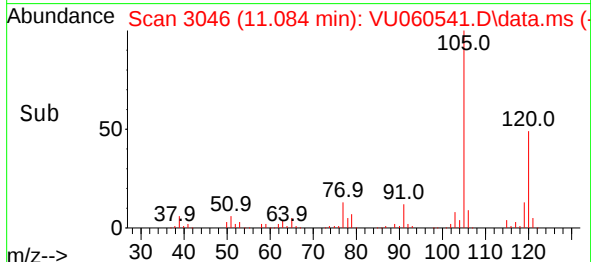
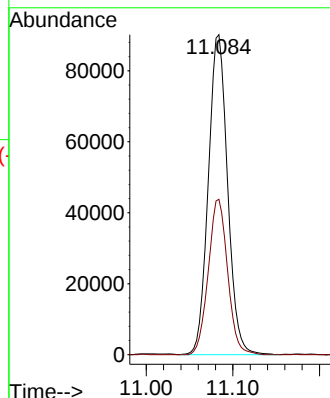
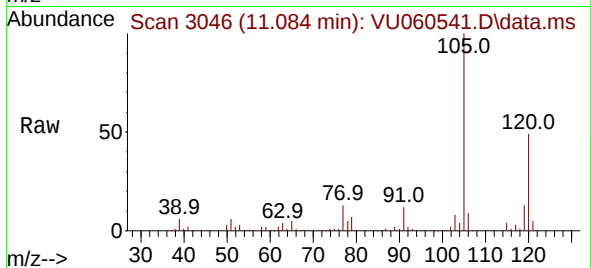
ClientSampleId :

Tgt Ion:105 Resp: 139416

Ion Ratio Lower Upper

105 100

120 48.7 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.232 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060541.D

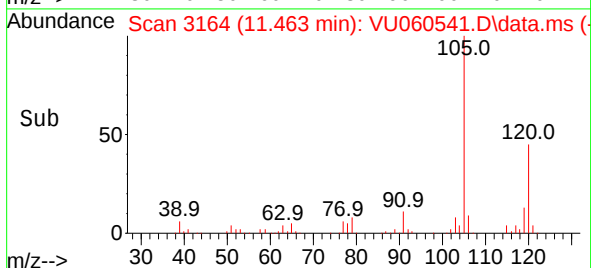
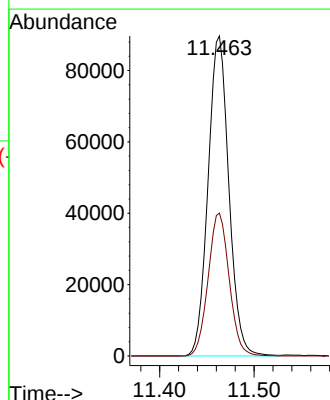
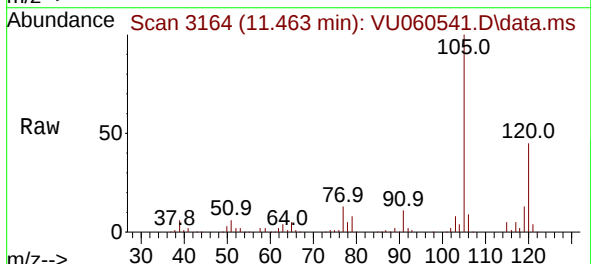
Acq: 26 Aug 2024 10:10

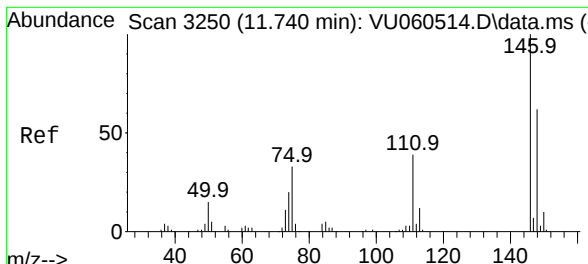
Tgt Ion:105 Resp: 137041

Ion Ratio Lower Upper

105 100

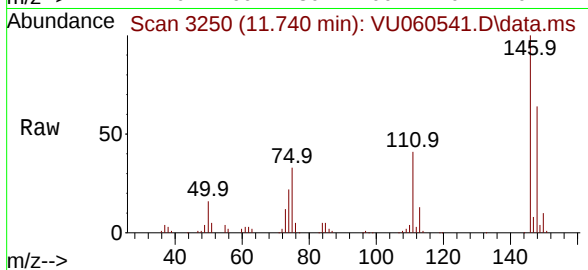
120 45.2 35.7 53.5



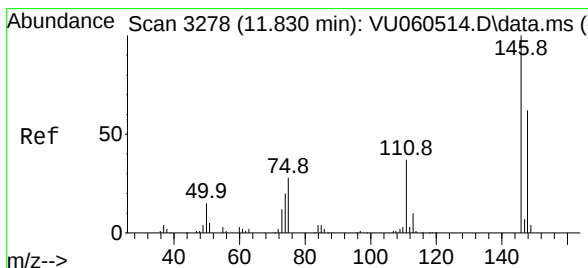
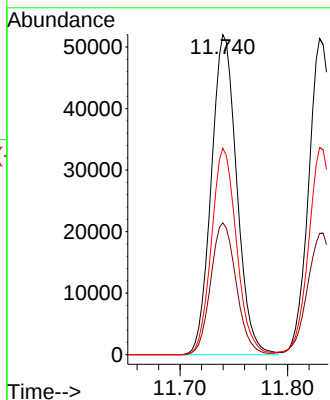
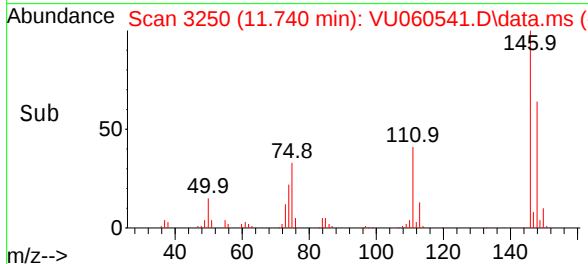


#64
1,3-Dichlorobenzene
Concen: 5.082 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

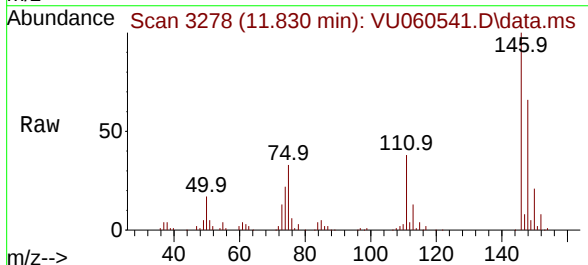
Instrument :
MSVOA_U
ClientSampleId :



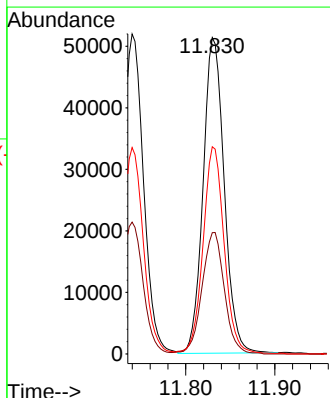
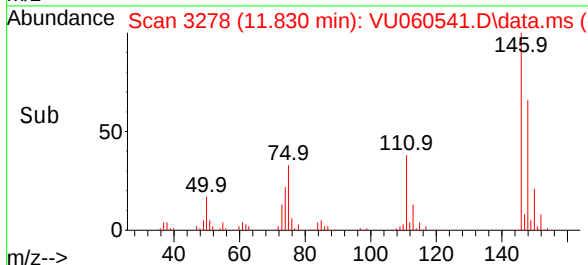
Tgt Ion:146 Resp: 85680
Ion Ratio Lower Upper
146 100
111 41.2 27.9 51.9
148 64.5 43.5 80.7

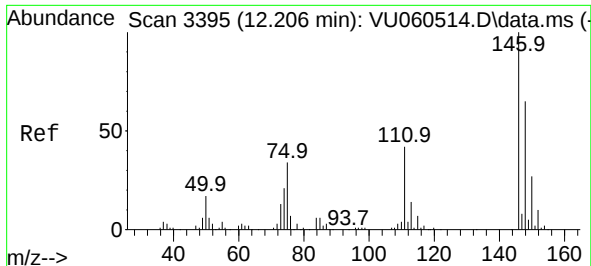


#65
1,4-Dichlorobenzene
Concen: 4.925 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10



Tgt Ion:146 Resp: 84276
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.4
148 65.5 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.892 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

ClientSampleId :

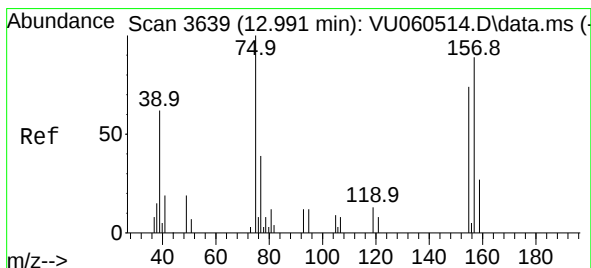
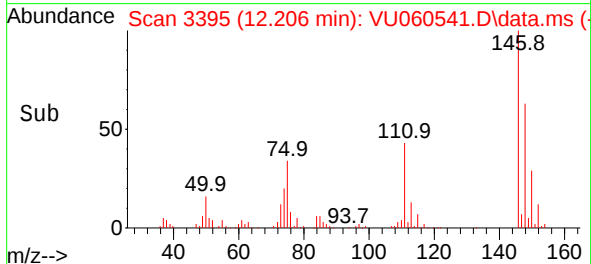
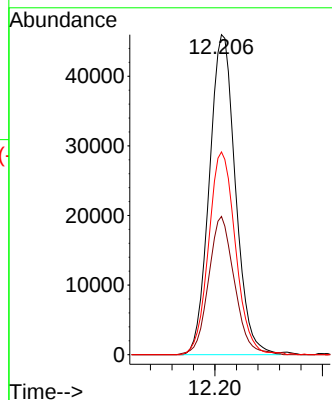
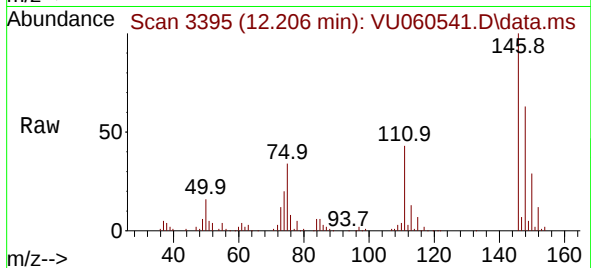
Tgt Ion:146 Resp: 77394

Ion Ratio Lower Upper

146 100

111 43.2 34.6 52.0

148 63.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.234 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

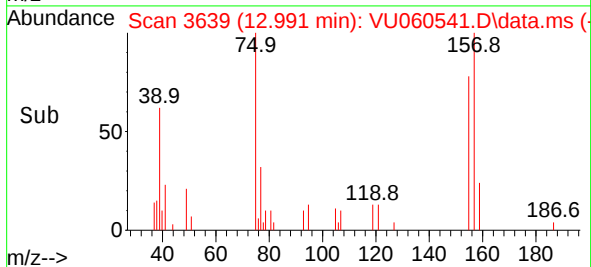
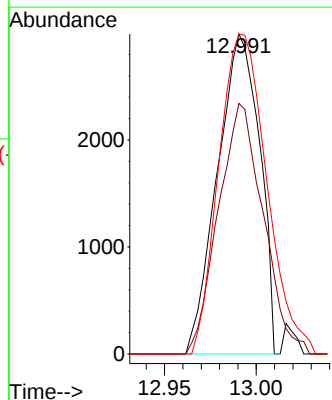
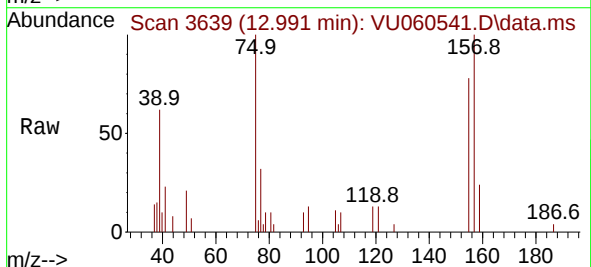
Tgt Ion: 75 Resp: 4754

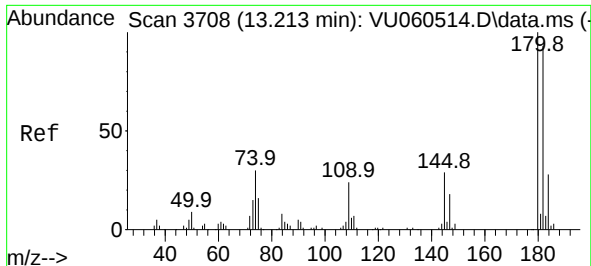
Ion Ratio Lower Upper

75 100

155 78.3 62.7 94.1

157 99.9 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.685 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

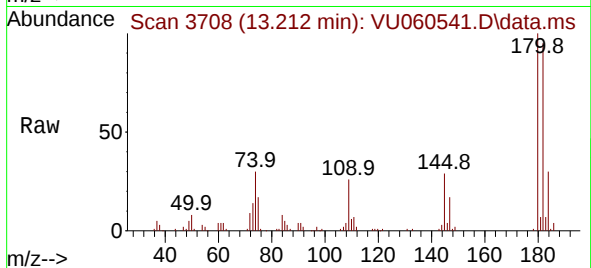
Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 60918

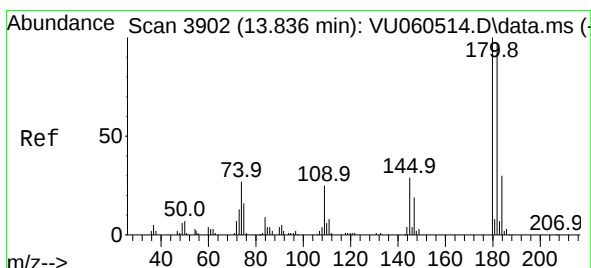
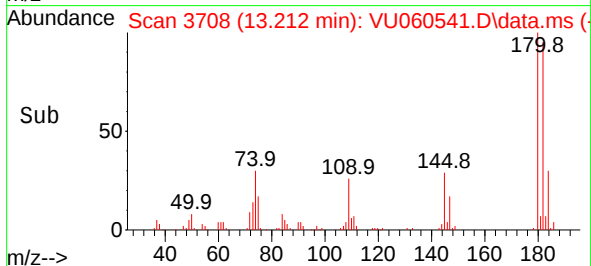
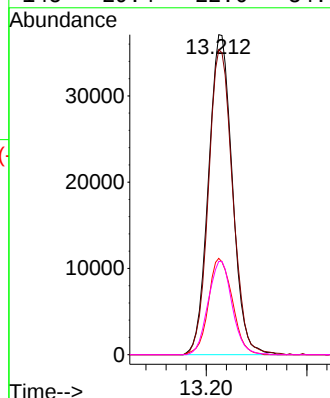
Ion Ratio Lower Upper

180 100

182 96.7 77.6 116.4

184 30.2 24.9 37.3

145 29.4 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 5.666 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060541.D

Acq: 26 Aug 2024 10:10

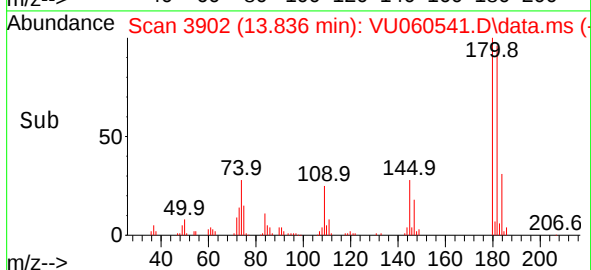
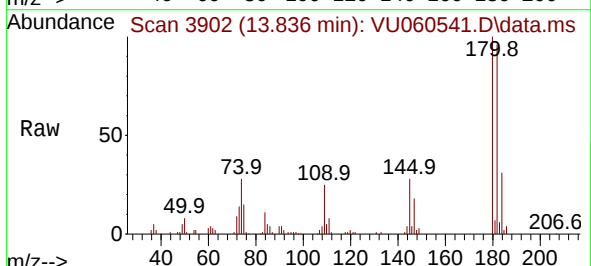
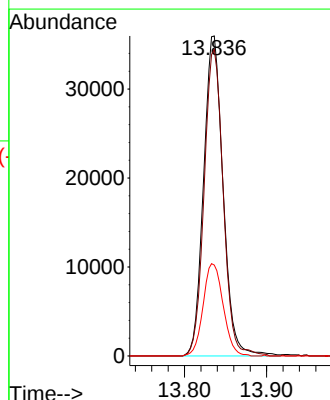
Tgt Ion:180 Resp: 59432

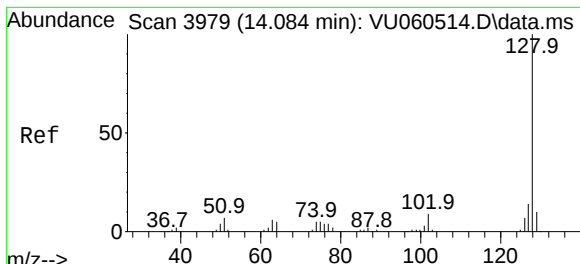
Ion Ratio Lower Upper

180 100

182 93.5 77.3 115.9

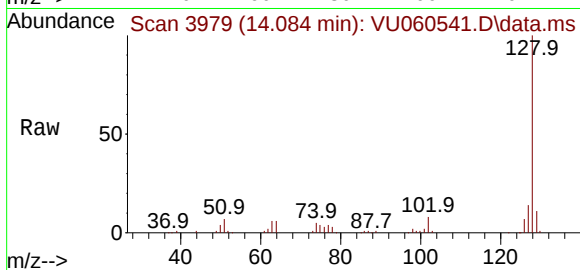
145 29.6 23.9 35.9



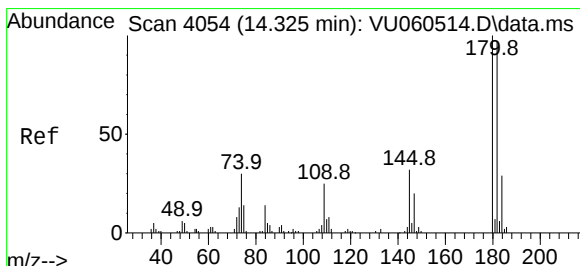
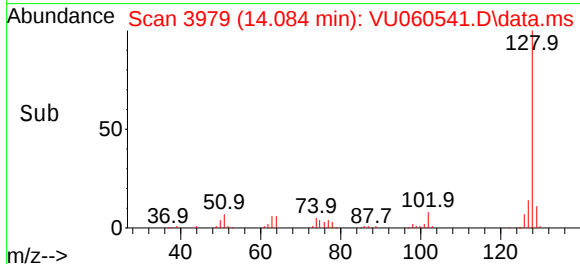
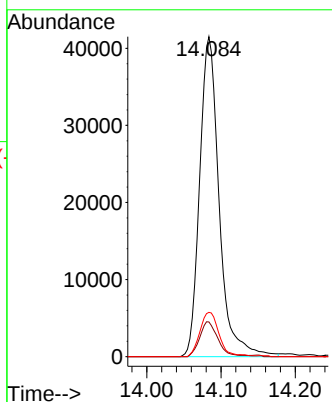


#71
Naphthalene
Concen: 5.647 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	75683
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.5	12.7
127	13.7	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.398 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU060541.D
Acq: 26 Aug 2024 10:10

Tgt Ion:	180	Resp:	47382
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.0	114.0
145	30.0	24.3	36.5

