

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060041.D
 Acq On : 19 Jul 2024 00:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:41:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:30:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53291	4.807	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.911	69	49638	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.560	65	21694	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.628	46	152743	58.930	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.860%
24) Chloroform-d	5.055	84	115872	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	55768	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.721	84	230659	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	6.682	67	71888	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.891	98	211668	5.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	8.174	79	24850	5.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.200%
46) 2-Hexanone-d5	8.627	63	130716	63.511	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	67349	5.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	80965	5.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	55277	4.588	ug/L	99
3) Chloromethane	1.515	50	66038	4.538	ug/L	99
5) Vinyl chloride	1.599	62	75209	4.610	ug/L	99
6) Bromomethane	1.853	94	46239	4.354	ug/L	98
8) Chloroethane	1.930	64	48543	4.555	ug/L	100
9) Trichlorofluoromethane	2.133	101	94200	4.579	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60206	4.484	ug/L	99
12) 1,1-Dichloroethene	2.573	96	57257	4.708	ug/L	97
13) Acetone	2.644	43	87145	50.827	ug/L	94
14) Carbon disulfide	2.789	76	163552	4.618	ug/L	99
15) Methyl Acetate	2.952	43	22324	5.294	ug/L	98
16) Methylene chloride	3.039	84	87068	5.839	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	144599	5.213	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	61788	4.884	ug/L	93
19) 1,1-Dichloroethane	3.859	63	114701	4.775	ug/L	98
21) 2-Butanone	4.708	43	147117	54.203	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	71173	5.023	ug/L	97
23) Bromochloromethane	4.965	128	33991	4.936	ug/L	97
25) Chloroform	5.078	83	121454	4.598	ug/L	98

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 Data File : VU060041.D
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:41:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:30:22 2024
 Response via : Initial Calibration

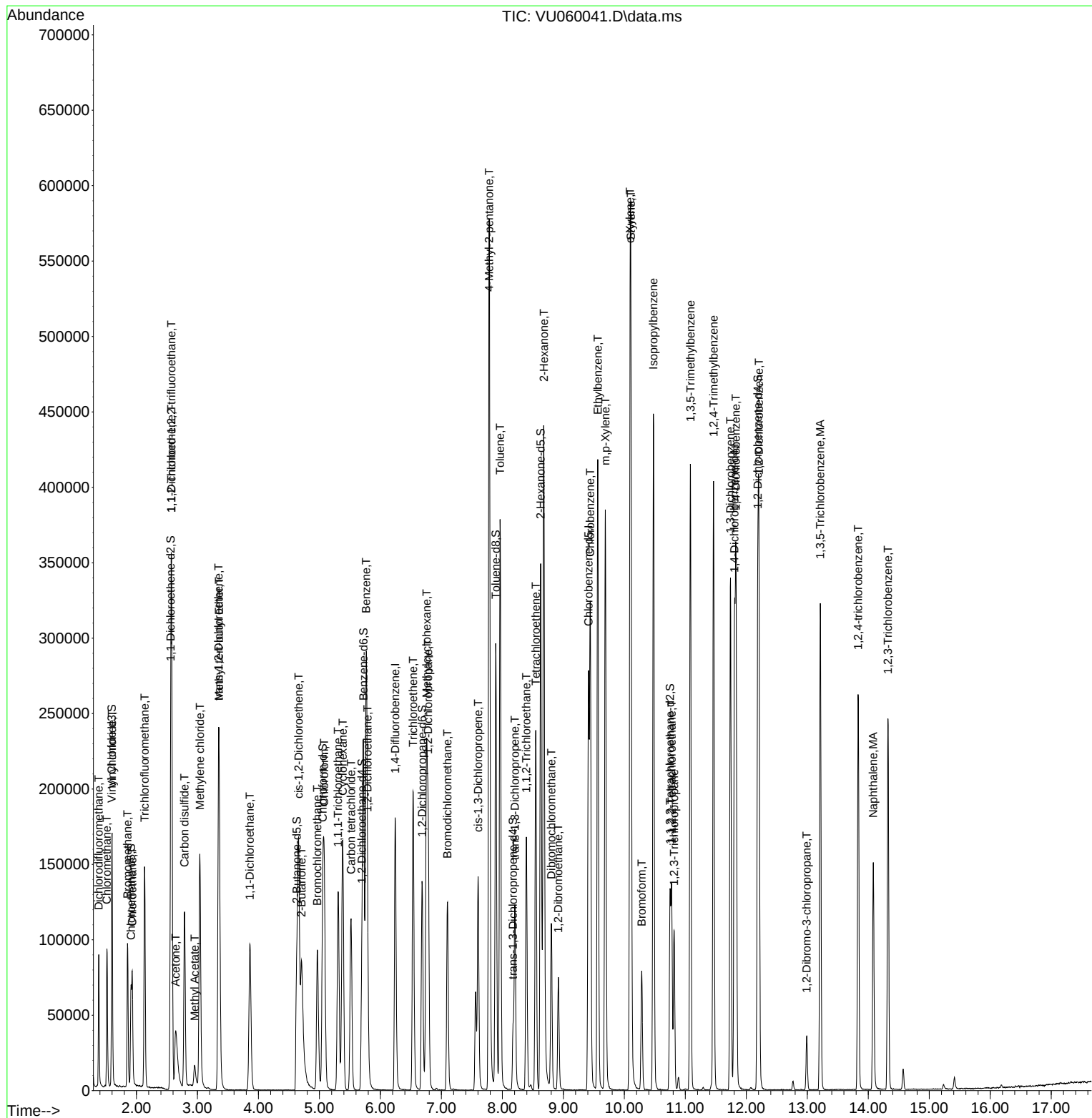
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71660	4.745	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	97232	4.878	ug/L	98
30) Cyclohexane	5.380	56	82210	5.214	ug/L	98
31) Carbon tetrachloride	5.518	117	82672	4.807	ug/L	100
33) Benzene	5.766	78	267897	5.081	ug/L	100
34) Trichloroethene	6.534	95	71074	5.083	ug/L	95
35) Methylcyclohexane	6.756	83	92074	5.023	ug/L	99
37) 1,2-Dichloropropane	6.782	63	71344	5.009	ug/L	99
38) Bromodichloromethane	7.097	83	85959	4.817	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	91003	4.889	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	357681	56.750	ug/L	98
42) Toluene	7.962	91	295414	5.265	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	75440	4.852	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	54945	5.048	ug/L	97
47) Tetrachloroethene	8.547	164	56553	4.891	ug/L	96
48) 2-Hexanone	8.679	43	270785	58.678	ug/L	98
49) Dibromochloromethane	8.801	129	59023	4.902	ug/L	97
50) 1,2-Dibromoethane	8.917	107	50827	5.165	ug/L	92
51) Chlorobenzene	9.441	112	185260	5.054	ug/L	99
52) Ethylbenzene	9.563	91	295511	5.281	ug/L	99
53) m,p-Xylene	9.689	106	115095	5.325	ug/L	98
54) o-Xylene	10.094	106	111155	5.377	ug/L	93
55) Styrene	10.107	104	195699	5.562	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	67879	5.098	ug/L	96
59) Bromoform	10.283	173	38155	4.996	ug/L	100
60) Isopropylbenzene	10.476	105	293827	5.346	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	46896	5.293	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	230948	5.500	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	225235	5.551	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	149227	5.046	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	148198	4.923	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	143138	5.057	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	9303	5.388	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	108125	4.844	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	88906	5.234	ug/L	98
71) Naphthalene	14.081	128	129906	5.397	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	80969	5.300	ug/L	97

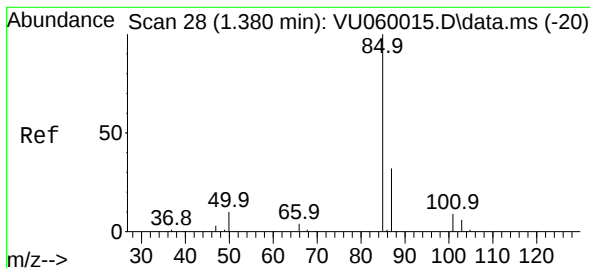
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Data File : VU060041.D
Acq On : 19 Jul 2024 00:45
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

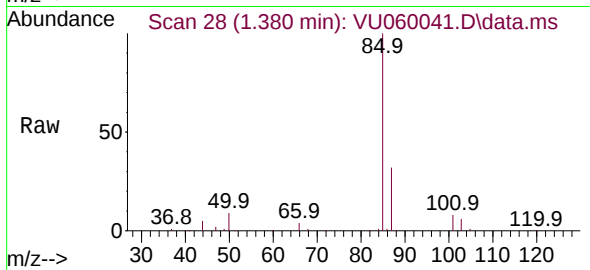
Quant Time: Jul 19 01:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 19 01:30:22 2024
Response via : Initial Calibration



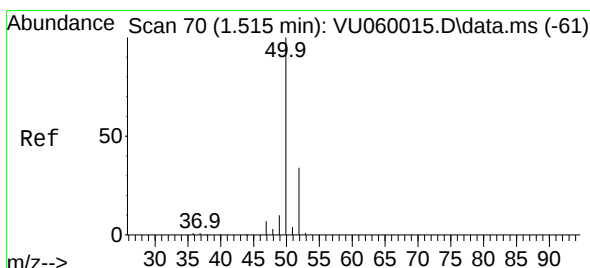
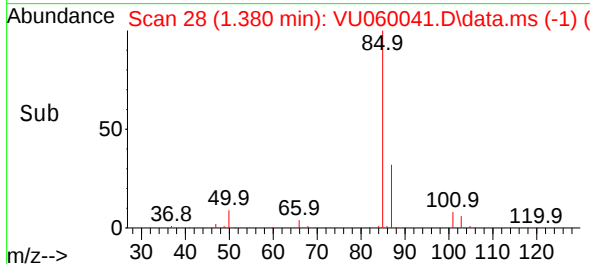
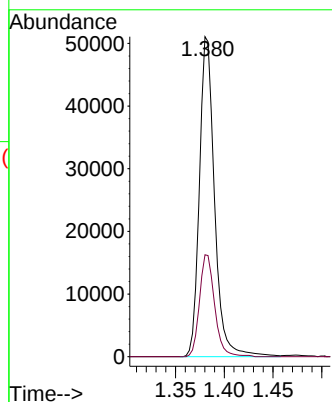


#2
Dichlorodifluoromethane
Concen: 4.588 ug/L
RT: 1.380 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Instrument :
MSVOA_U
ClientSampleId :

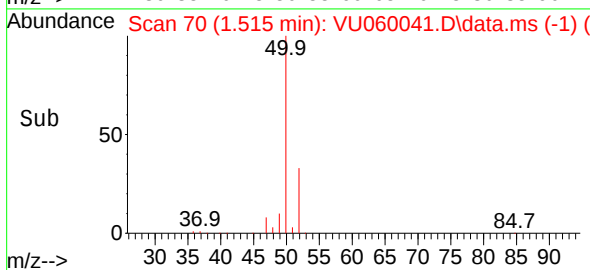
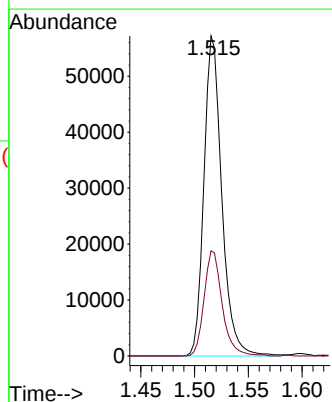
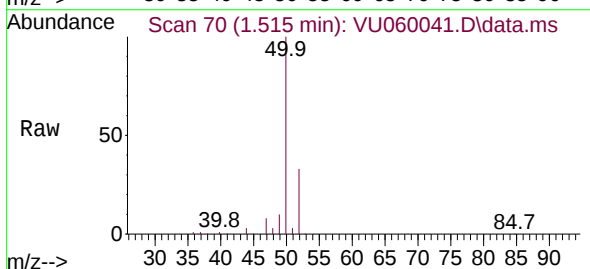


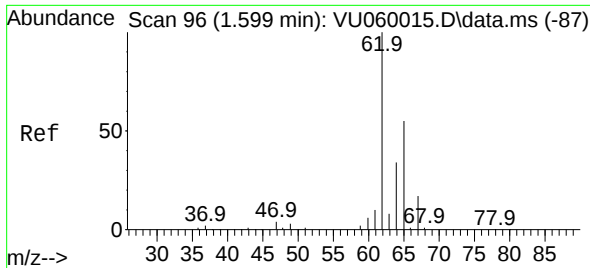
Tgt Ion: 85 Resp: 55277
Ion Ratio Lower Upper
85 100
87 31.8 26.1 39.1



#3
Chloromethane
Concen: 4.538 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 50 Resp: 66038
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4

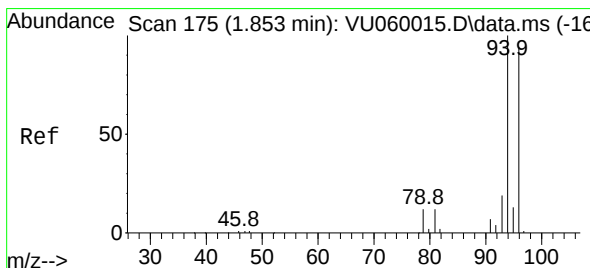
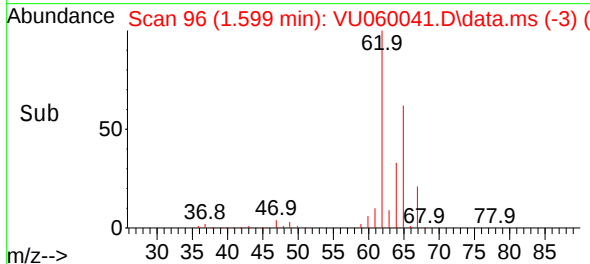
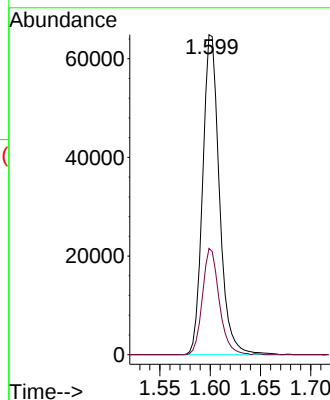
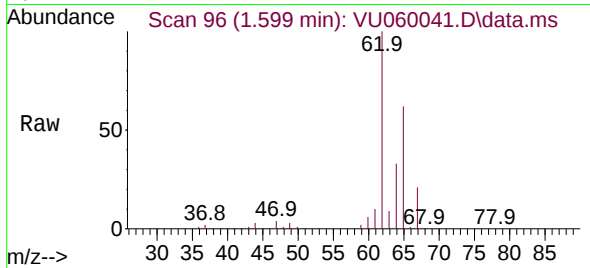




#5
 Vinyl chloride
 Concen: 4.610 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU060041.D
 Acq: 19 Jul 2024 00:45

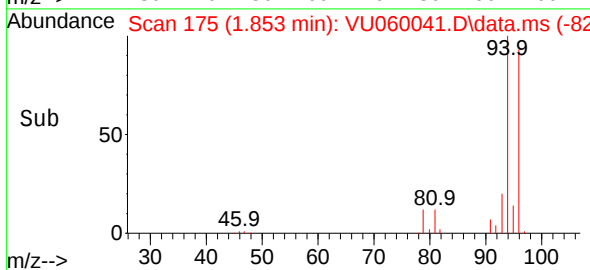
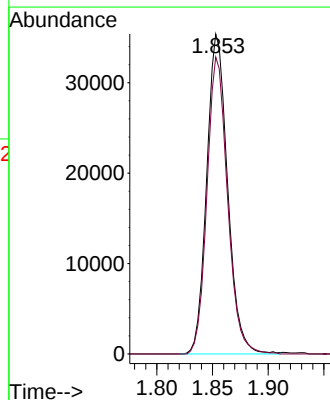
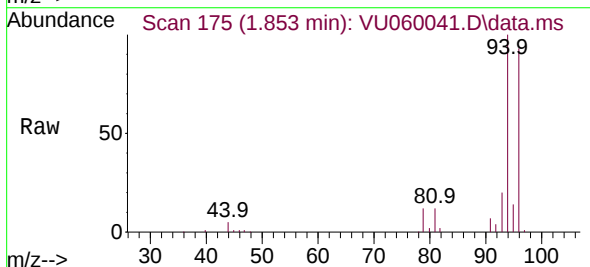
Instrument :
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 ClientSampleId :

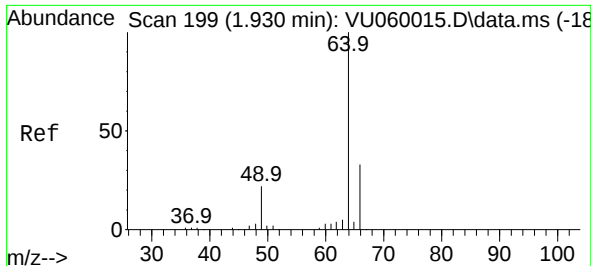
Tgt Ion: 62 Resp: 75209
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.354 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU060041.D
 Acq: 19 Jul 2024 00:45

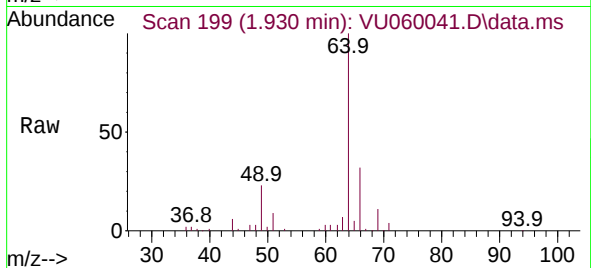
Tgt Ion: 94 Resp: 46239
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.6 123.6



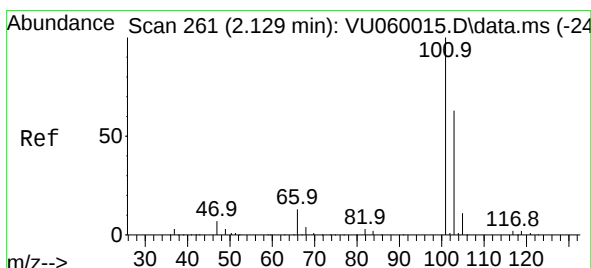
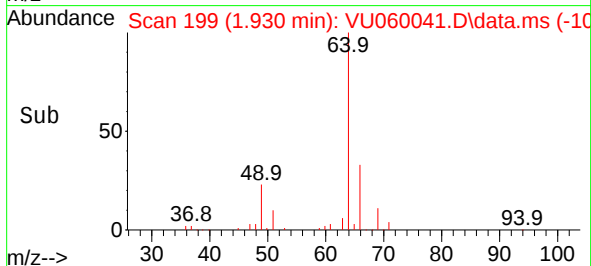
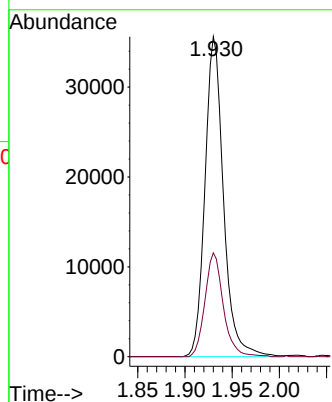


#8
Chloroethane
Concen: 4.555 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Instrument :
MSVOA_U
ClientSampleId :

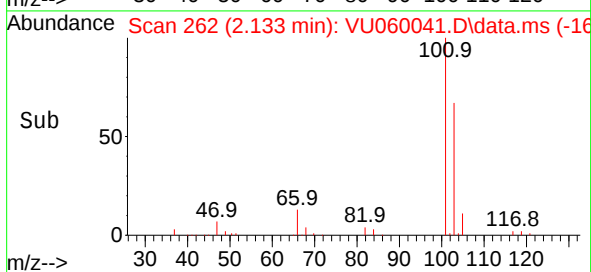
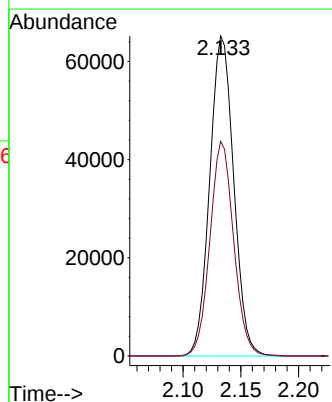
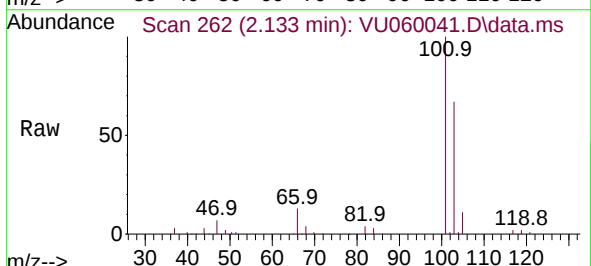


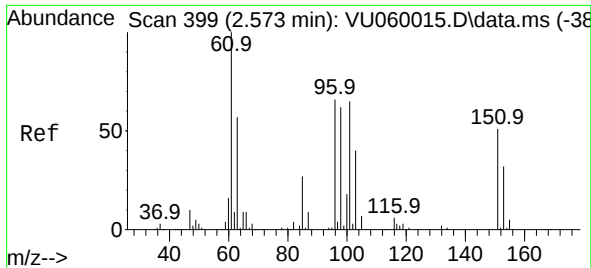
Tgt Ion: 64 Resp: 48543
Ion Ratio Lower Upper
64 100
66 32.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.579 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion:101 Resp: 94200
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2

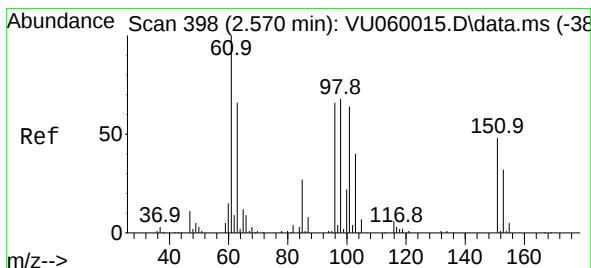
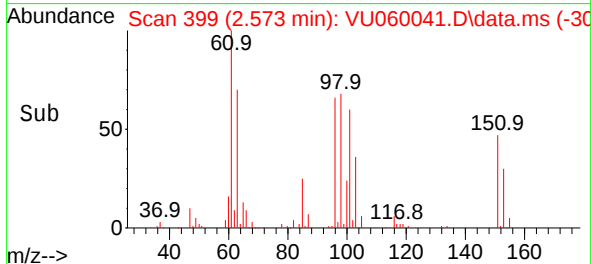
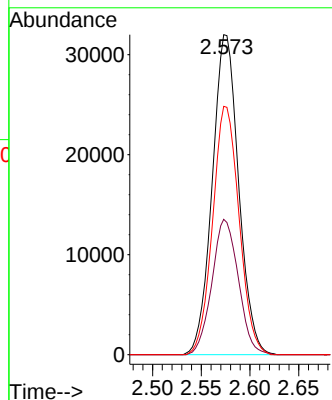
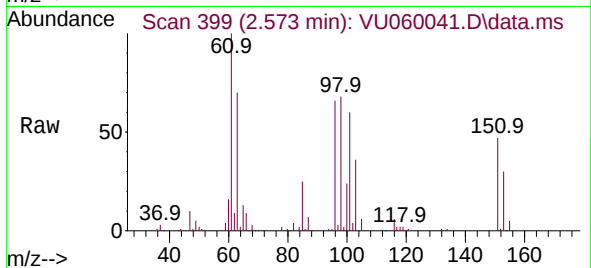




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.484 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

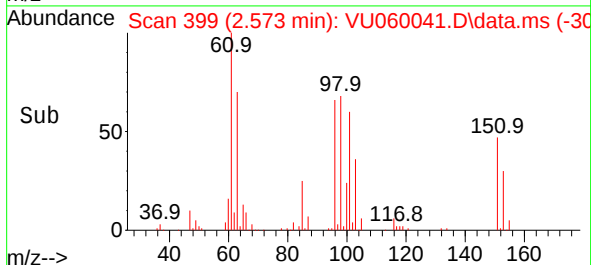
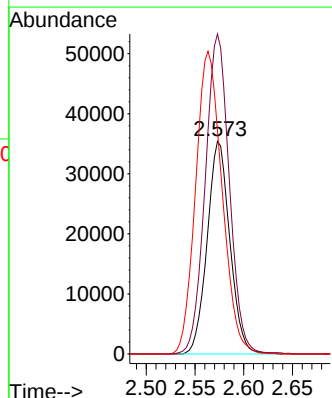
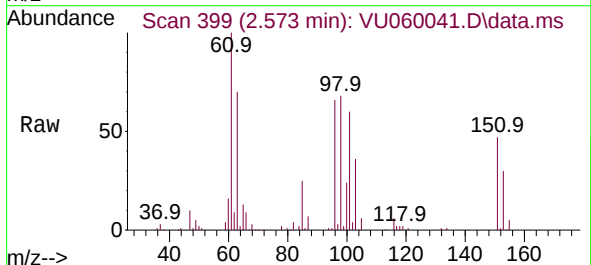
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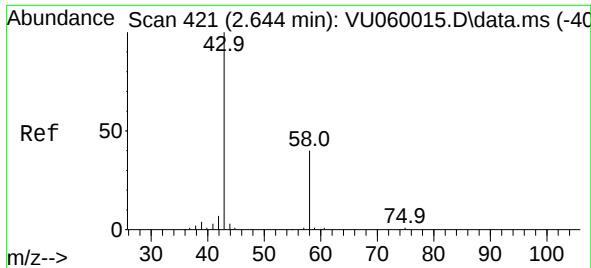
Tgt Ion:101 Resp: 60206
Ion Ratio Lower Upper
101 100
85 42.3 33.2 49.8
151 77.8 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.708 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 96 Resp: 57257
Ion Ratio Lower Upper
96 100
61 150.5 107.0 198.6
63 105.0 76.4 142.0





#13

Acetone

Concen: 50.827 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

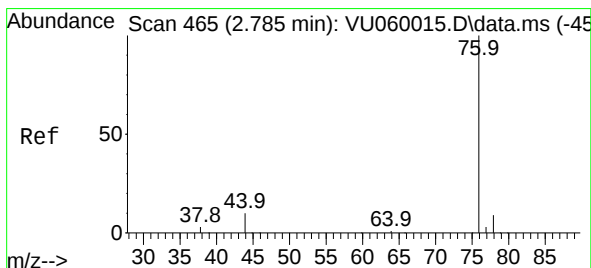
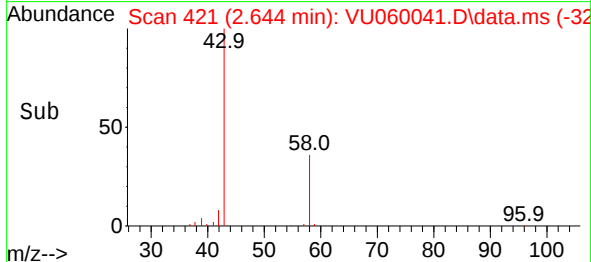
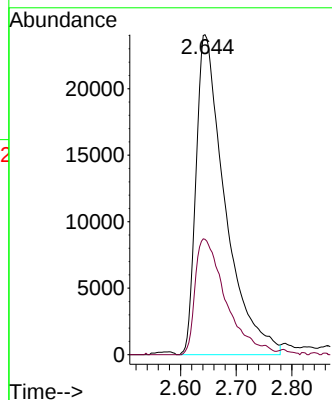
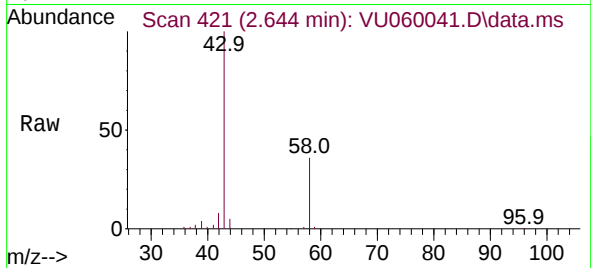
ClientSampleId :

Tgt Ion: 43 Resp: 87145

Ion Ratio Lower Upper

43 100

58 37.5 0.0 82.2



#14

Carbon disulfide

Concen: 4.618 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060041.D

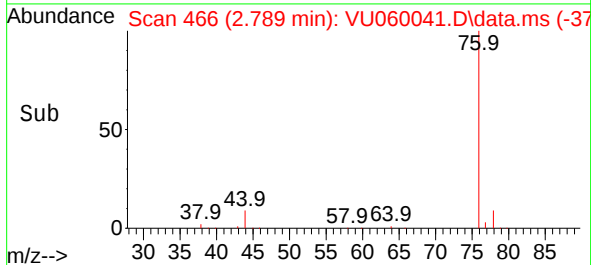
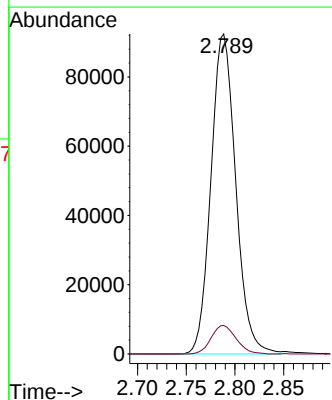
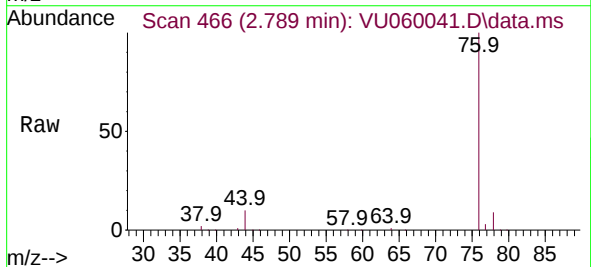
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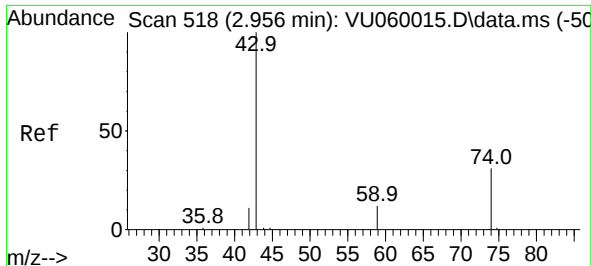
Tgt Ion: 76 Resp: 163552

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 5.294 ug/L

RT: 2.952 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

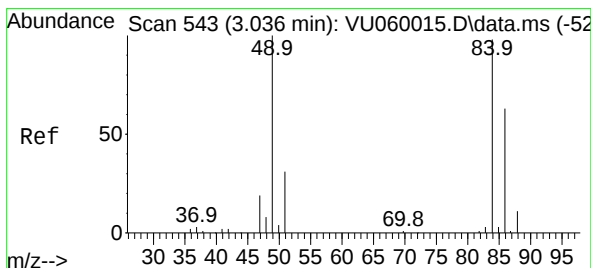
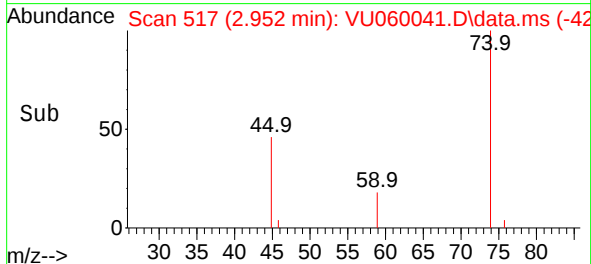
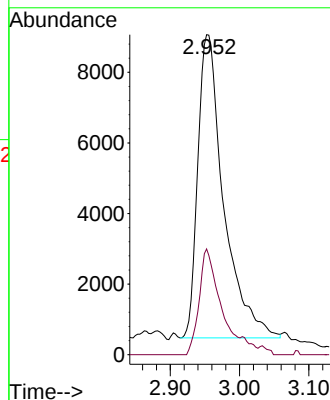
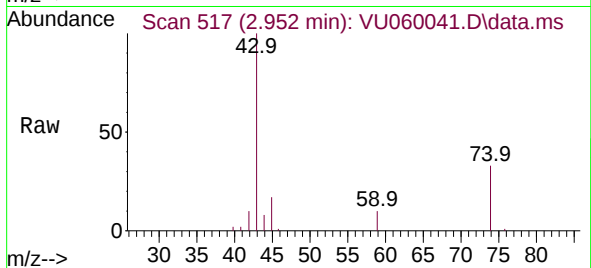
ClientSampleId :

Tgt Ion: 43 Resp: 22324

Ion Ratio Lower Upper

43 100

74 30.4 23.5 35.3



#16

Methylene chloride

Concen: 5.839 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

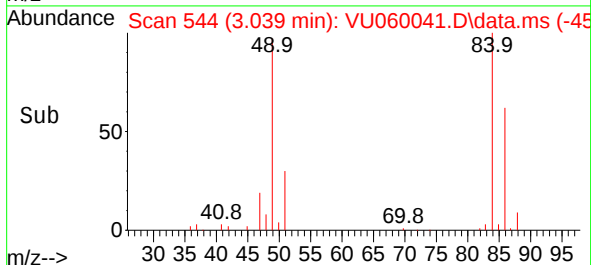
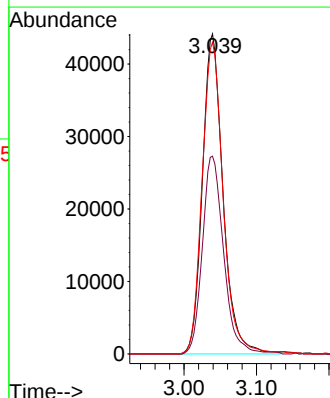
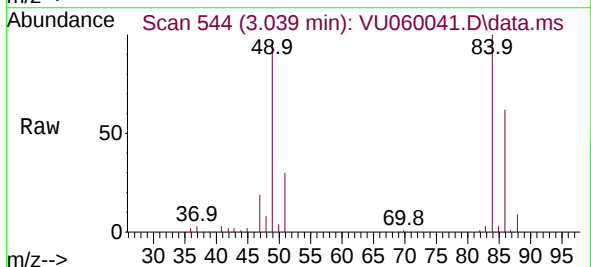
Tgt Ion: 84 Resp: 87068

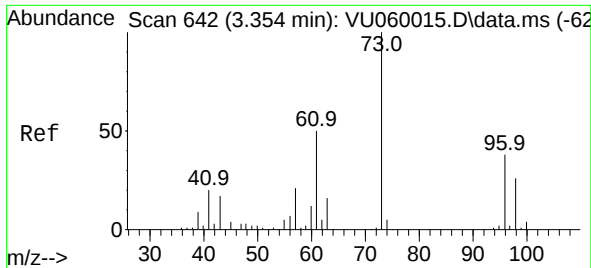
Ion Ratio Lower Upper

84 100

86 61.8 44.4 82.5

49 97.4 72.0 133.6

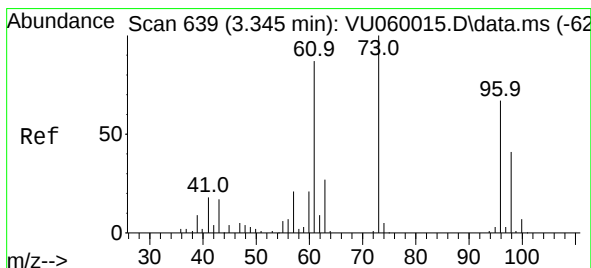
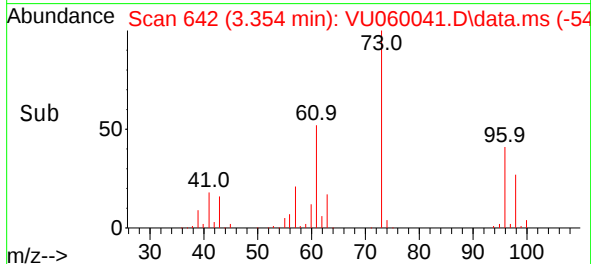
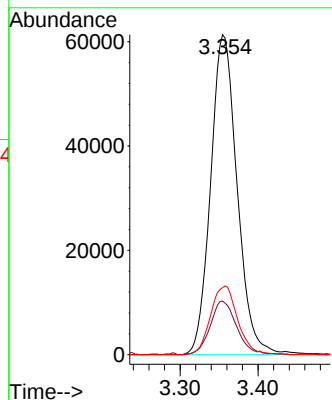
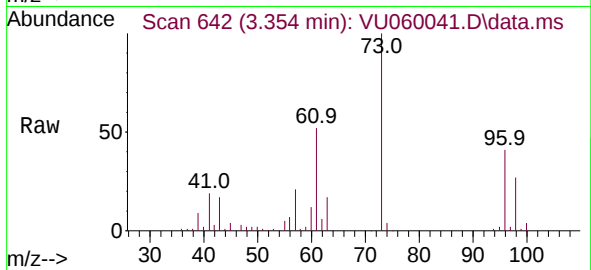




#17
Methyl tert-butyl Ether
Concen: 5.213 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

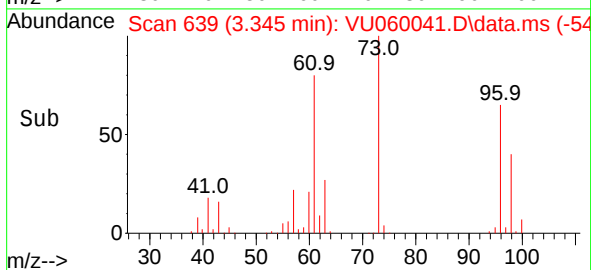
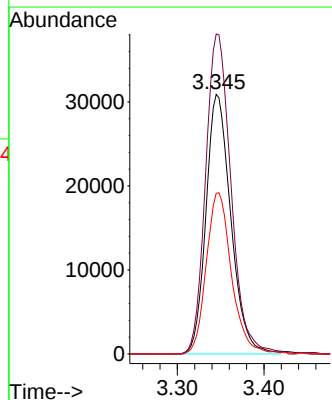
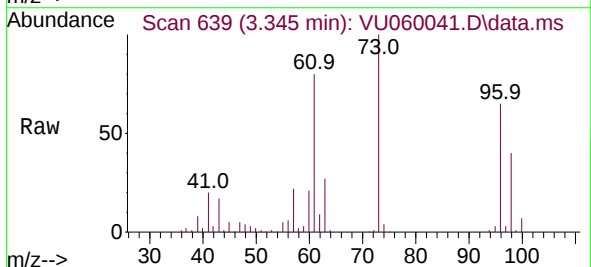
Instrument :
MSVOA_U
ClientSampleId :

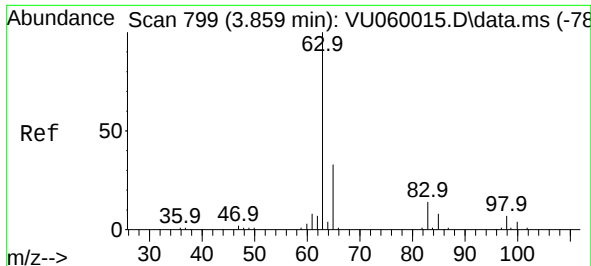
Tgt Ion: 73 Resp: 144599
Ion Ratio Lower Upper
73 100
43 16.9 13.1 19.7
57 22.1 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.884 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 96 Resp: 61788
Ion Ratio Lower Upper
96 100
61 123.3 91.6 170.0
98 61.9 47.7 88.5

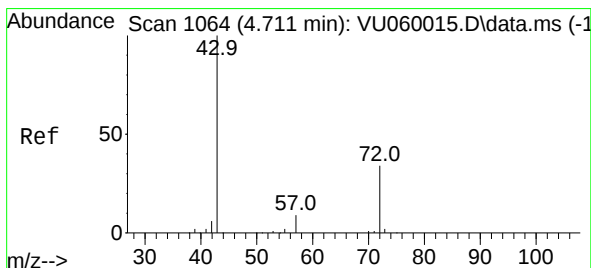
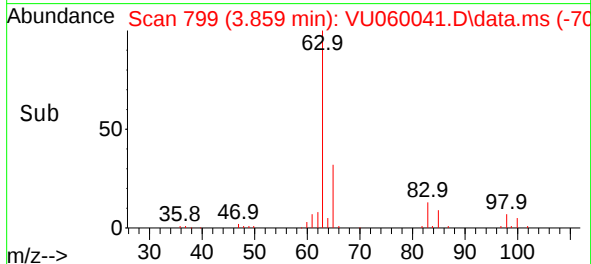
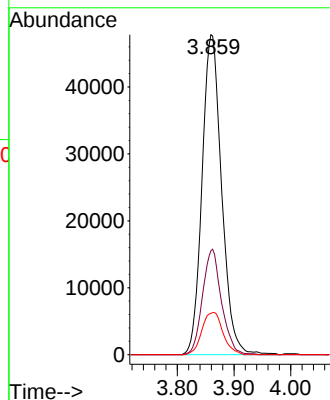
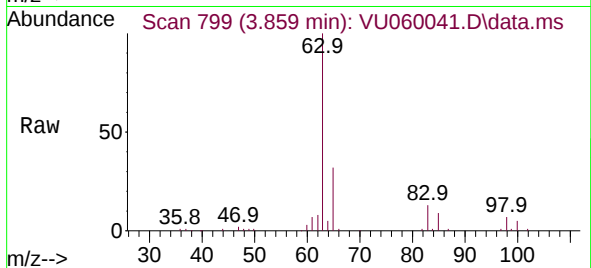




#19
1,1-Dichloroethane
Concen: 4.775 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

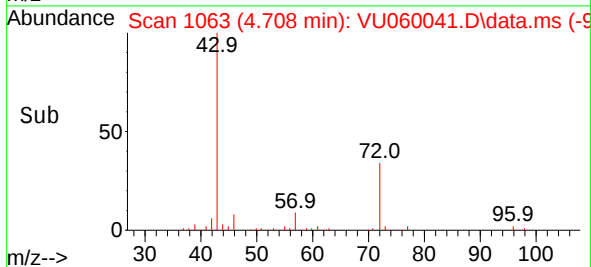
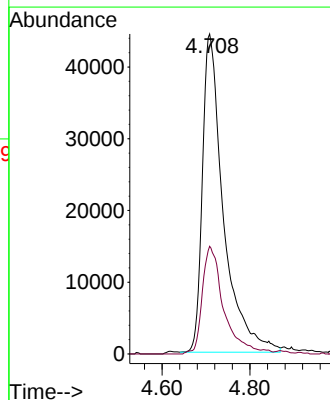
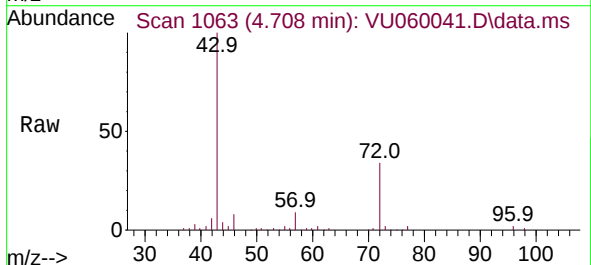
Instrument :
MSVOA_U
ClientSampleId :

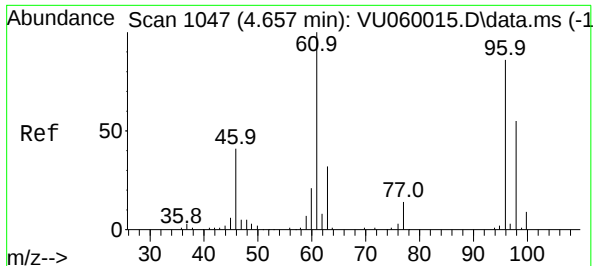
Tgt Ion: 63 Resp: 114701
Ion Ratio Lower Upper
63 100
65 32.5 22.0 40.8
83 12.9 9.7 17.9



#21
2-Butanone
Concen: 54.203 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 43 Resp: 147117
Ion Ratio Lower Upper
43 100
72 34.1 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 5.023 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :

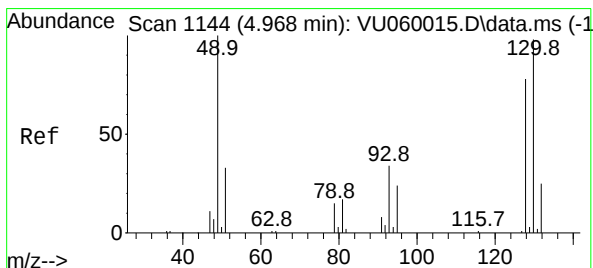
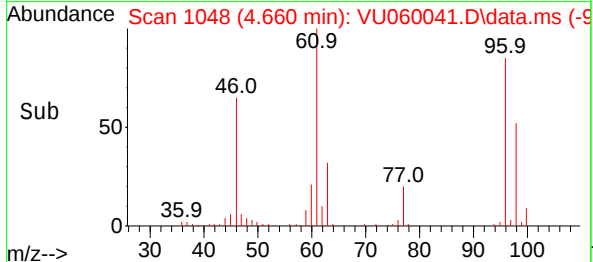
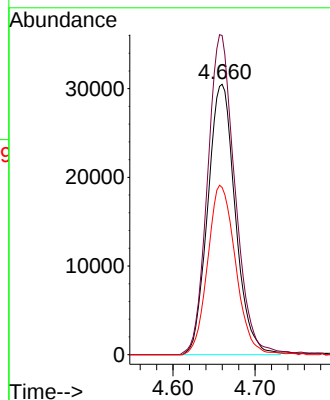
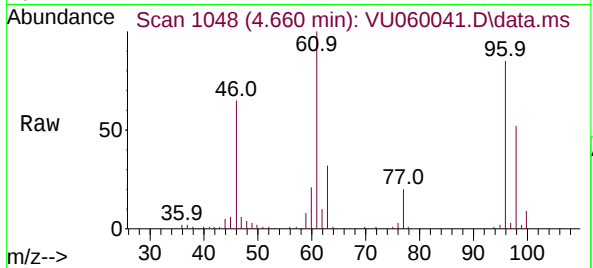
Tgt Ion: 96 Resp: 71173

Ion Ratio Lower Upper

96 100

61 118.0 80.2 148.9

98 61.8 44.7 83.1



#23

Bromochloromethane

Concen: 4.936 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Tgt Ion:128 Resp: 33991

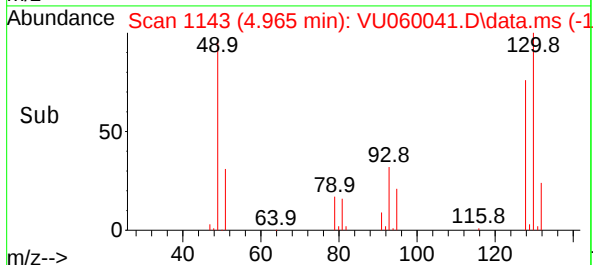
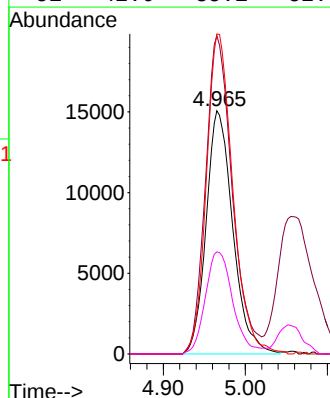
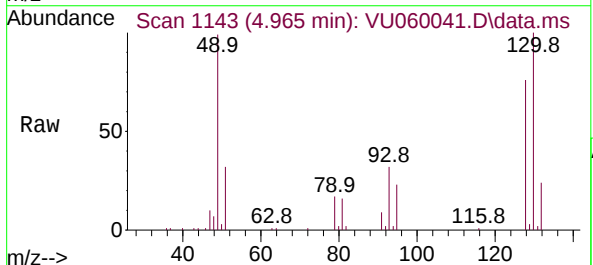
Ion Ratio Lower Upper

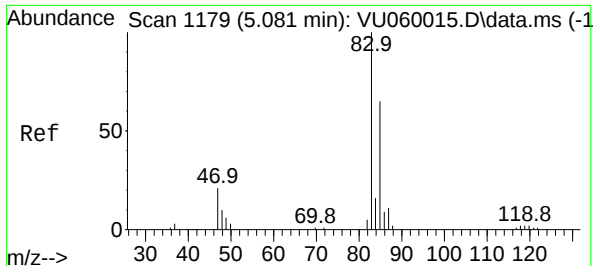
128 100

49 130.9 92.3 171.3

130 131.6 87.1 161.7

51 42.0 35.1 52.7

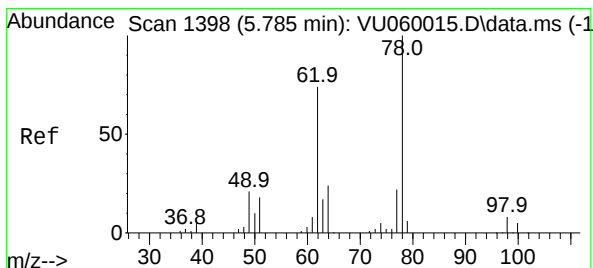
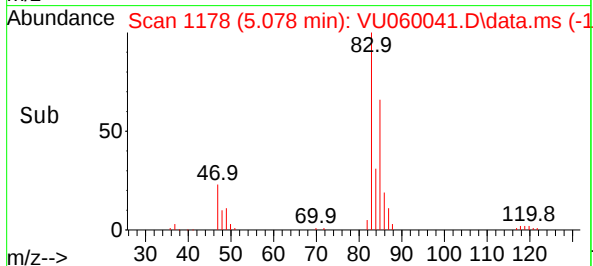
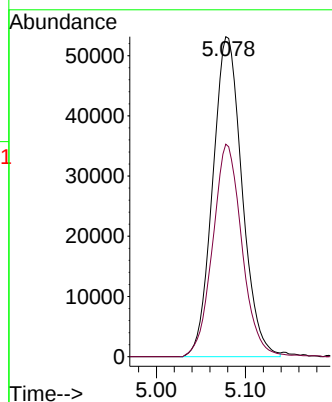
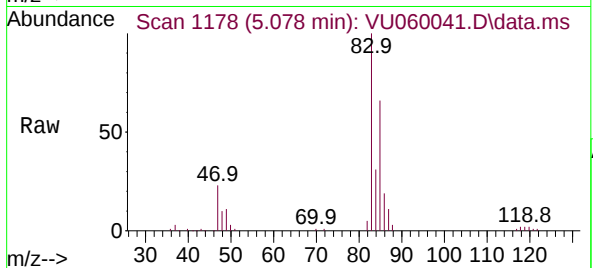




#25
Chloroform
Concen: 4.598 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

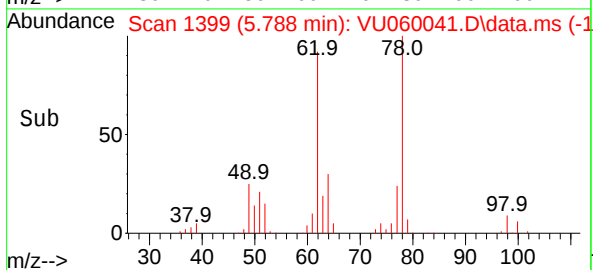
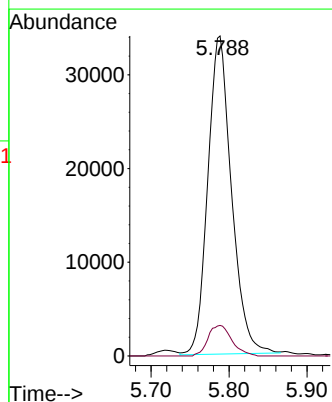
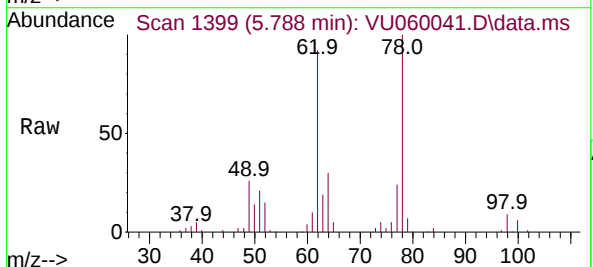
Instrument :
MSVOA_U
ClientSampleId :

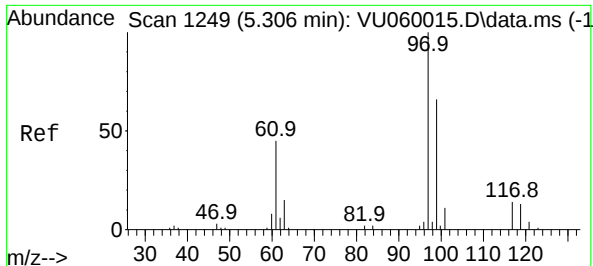
Tgt Ion: 83 Resp: 121454
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.745 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 62 Resp: 71660
Ion Ratio Lower Upper
62 100
98 9.6 7.9 11.9

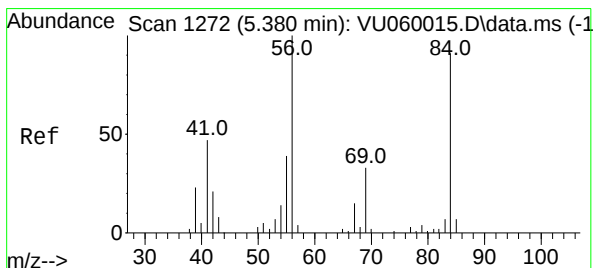
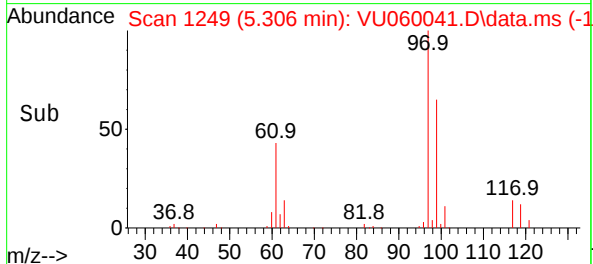
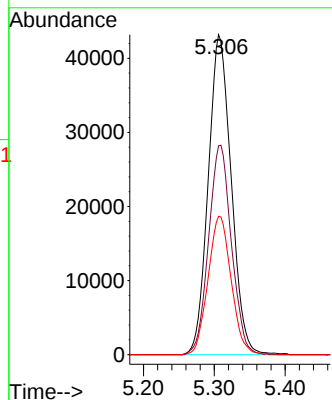
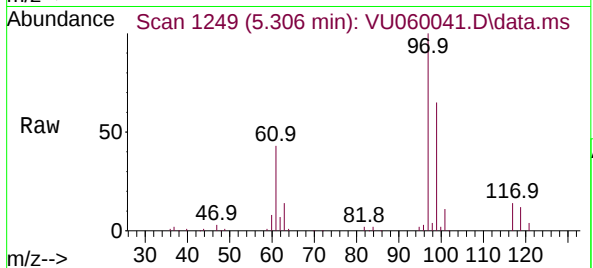




#29
1,1,1-Trichloroethane
Concen: 4.878 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

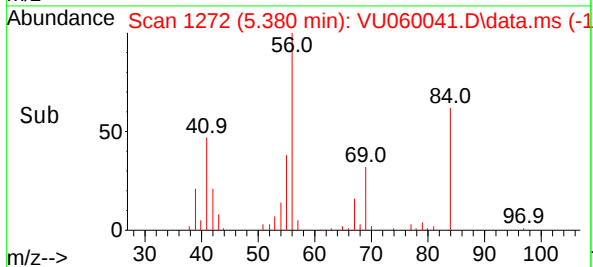
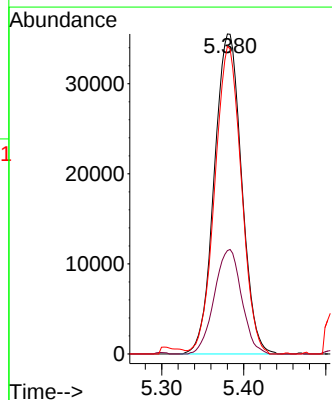
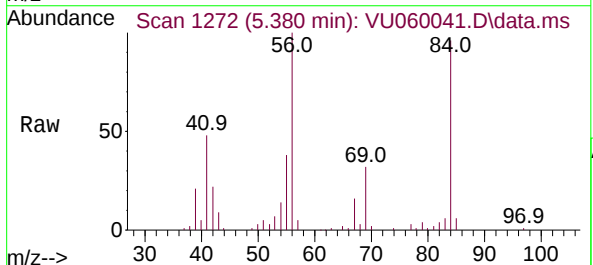
Instrument :
MSVOA_U
ClientSampleId :

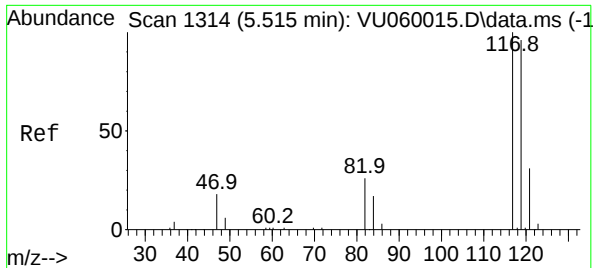
Tgt Ion: 97 Resp: 97232
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 43.4 34.1 51.1



#30
Cyclohexane
Concen: 5.214 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 56 Resp: 82210
Ion Ratio Lower Upper
56 100
69 32.6 26.6 39.8
84 93.6 77.2 115.8

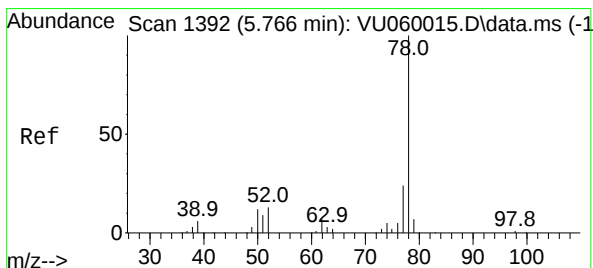
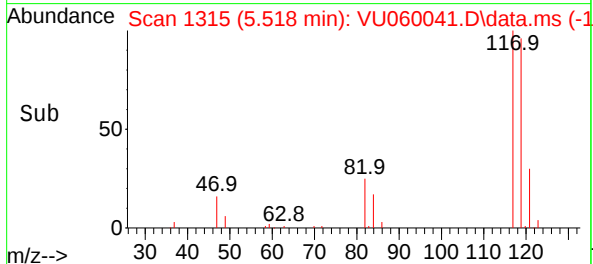
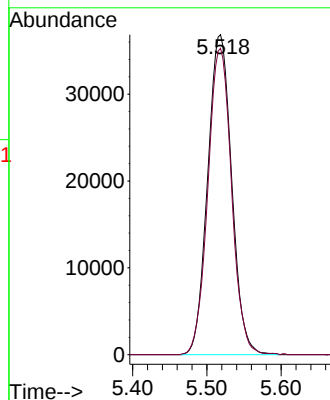
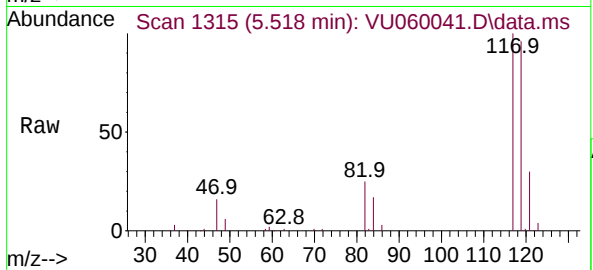




#31
Carbon tetrachloride
Concen: 4.807 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

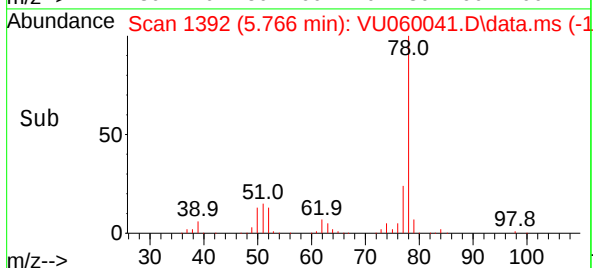
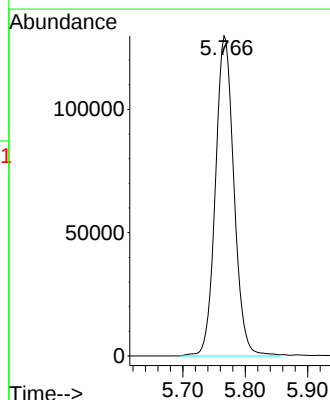
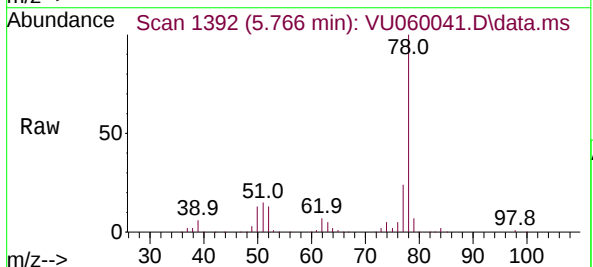
Instrument :
MSVOA_U
ClientSampleId :

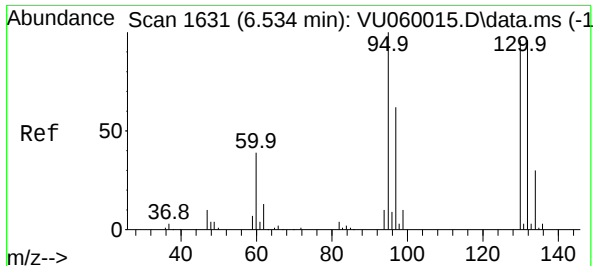
Tgt Ion:117 Resp: 82672
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4



#33
Benzene
Concen: 5.081 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 78 Resp: 267897

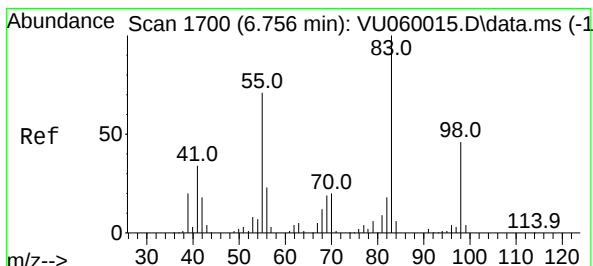
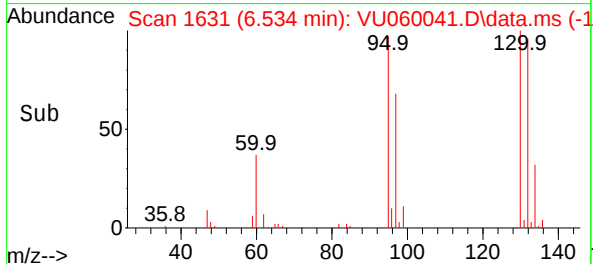
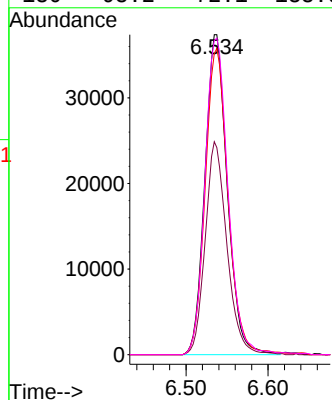
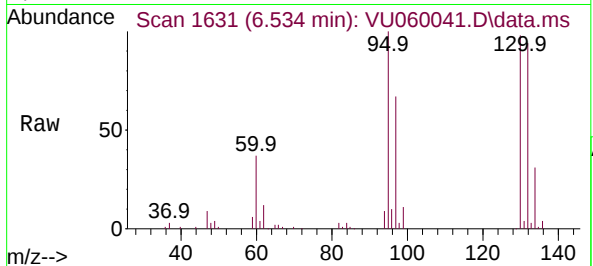




#34
Trichloroethene
Concen: 5.083 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

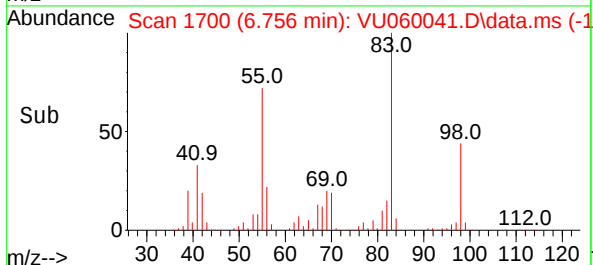
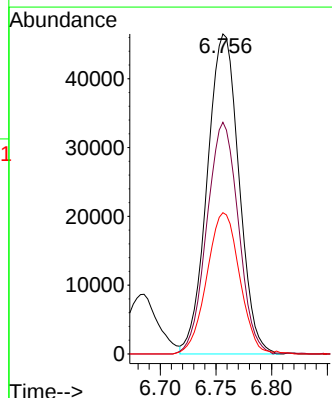
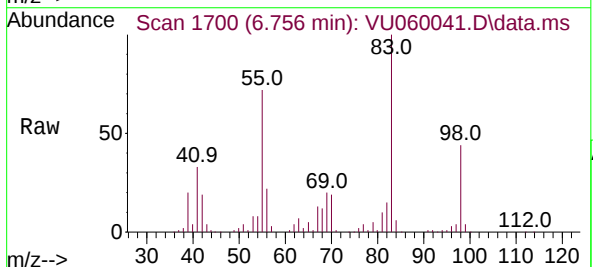
Instrument :
MSVOA_U
ClientSampleId :

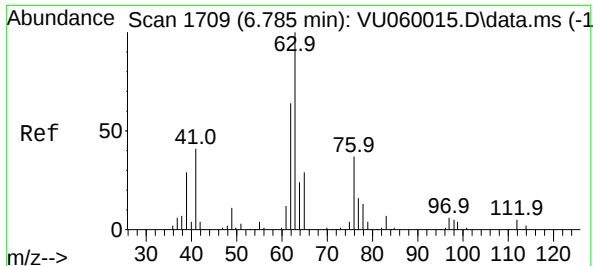
Tgt Ion: 95 Resp: 71074
Ion Ratio Lower Upper
95 100
97 66.5 45.9 85.3
132 94.1 71.4 132.6
130 98.2 72.1 133.9



#35
Methylcyclohexane
Concen: 5.023 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 83 Resp: 92074
Ion Ratio Lower Upper
83 100
55 72.1 56.7 85.1
98 45.8 36.6 55.0

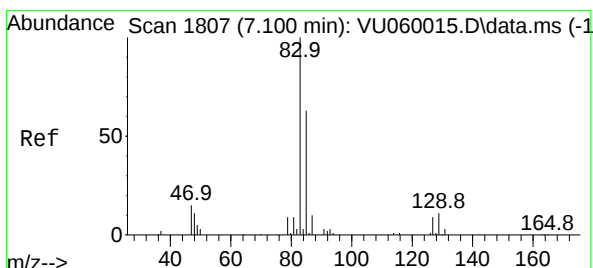
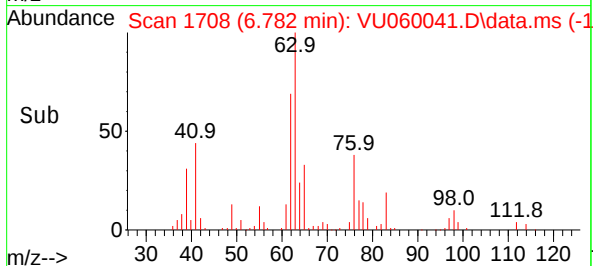
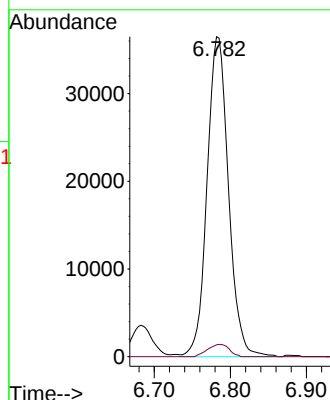
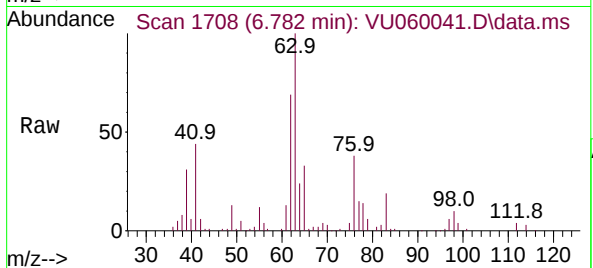




#37
1,2-Dichloropropane
Concen: 5.009 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

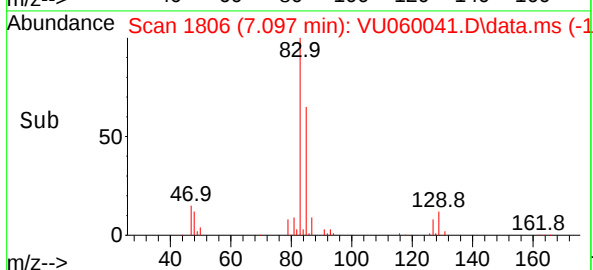
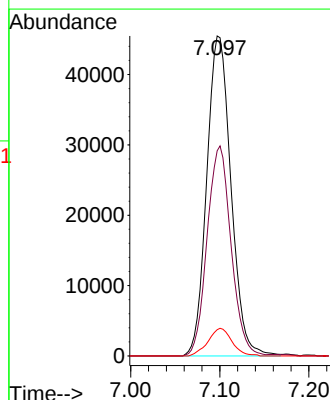
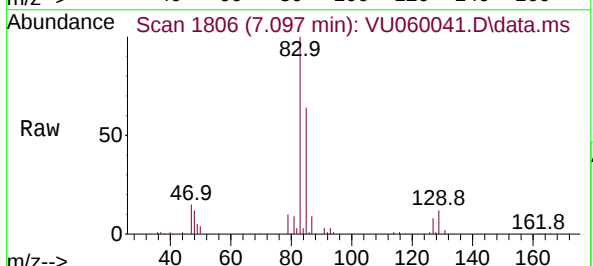
Instrument :
MSVOA_U
ClientSampleId :

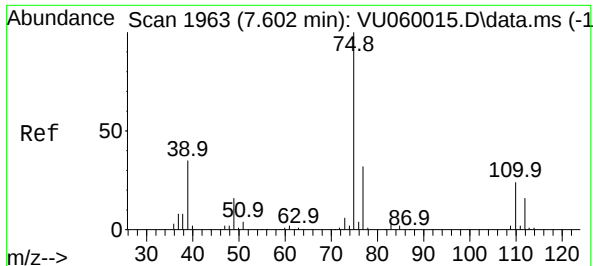
Tgt Ion: 63 Resp: 71344
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 4.817 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 83 Resp: 85959
Ion Ratio Lower Upper
83 100
85 64.1 43.5 80.7
127 8.2 7.1 10.7

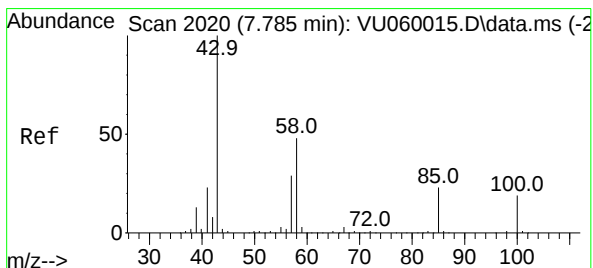
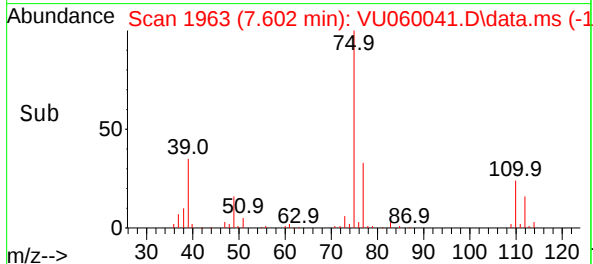
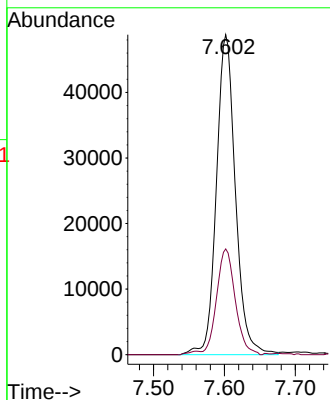
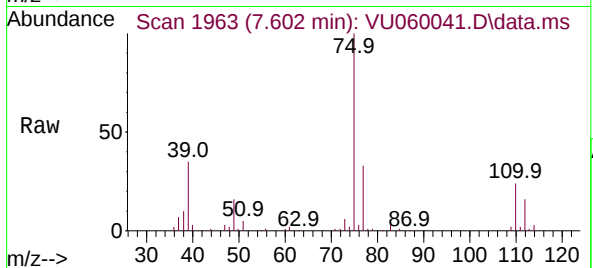




#39
 cis-1,3-Dichloropropene
 Concen: 4.889 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060041.D
 Acq: 19 Jul 2024 00:45

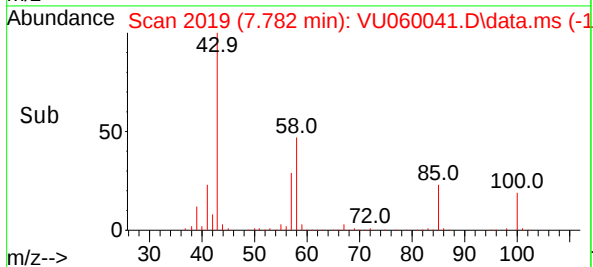
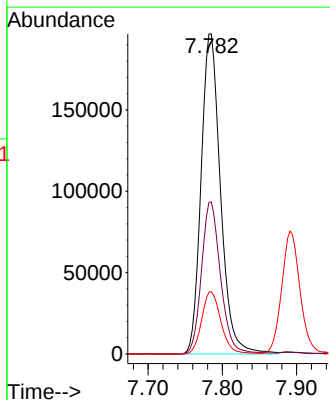
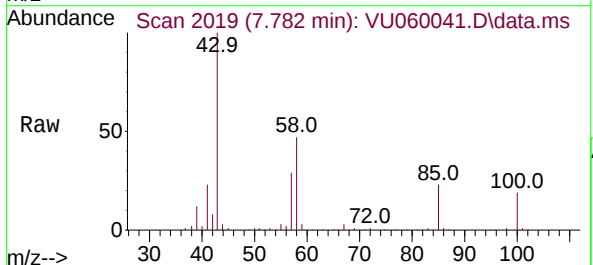
Instrument :
 MSVOA_U
 ClientSampleId :

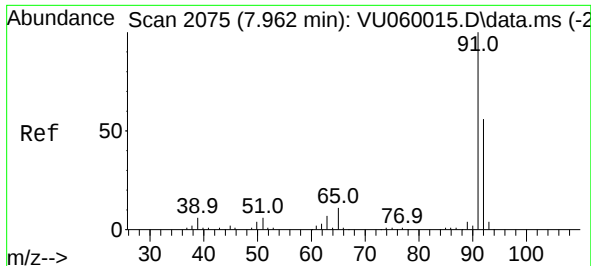
Tgt Ion: 75 Resp: 91003
 Ion Ratio Lower Upper
 75 100
 77 33.0 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 56.750 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU060041.D
 Acq: 19 Jul 2024 00:45

Tgt Ion: 43 Resp: 357681
 Ion Ratio Lower Upper
 43 100
 58 46.6 36.0 54.0
 100 19.3 14.9 22.3





#42

Toluene

Concen: 5.265 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

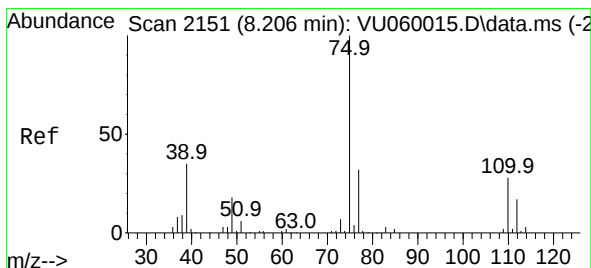
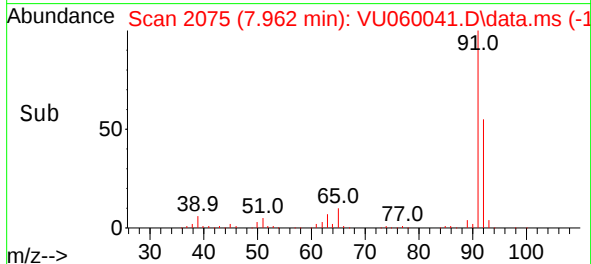
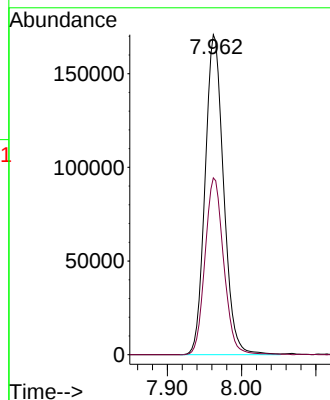
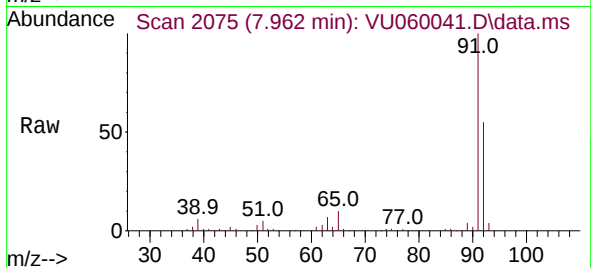
ClientSampleId :

Tgt Ion: 91 Resp: 295414

Ion Ratio Lower Upper

91 100

92 55.3 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.852 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060041.D

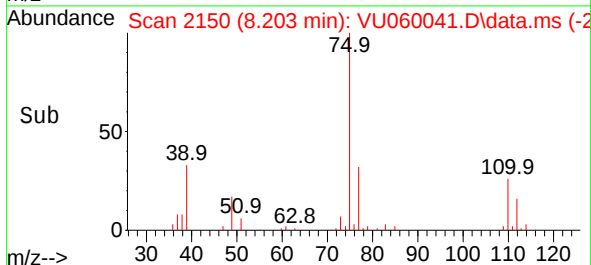
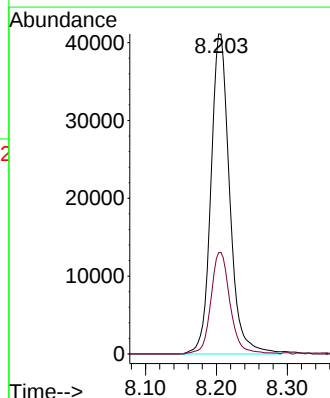
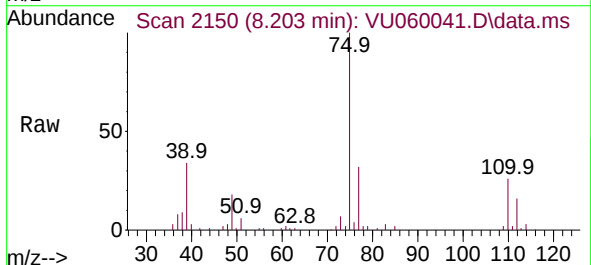
Acq: 19 Jul 2024 00:45

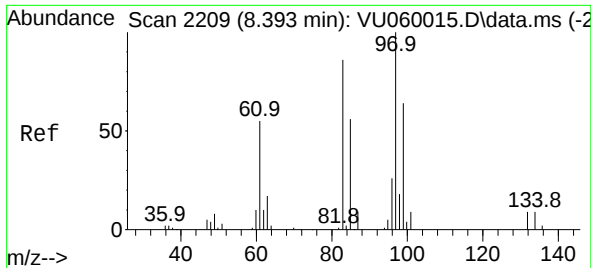
Tgt Ion: 75 Resp: 75440

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0

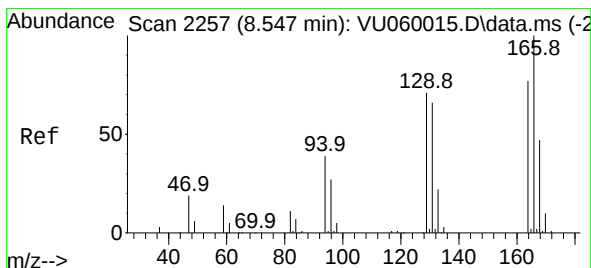
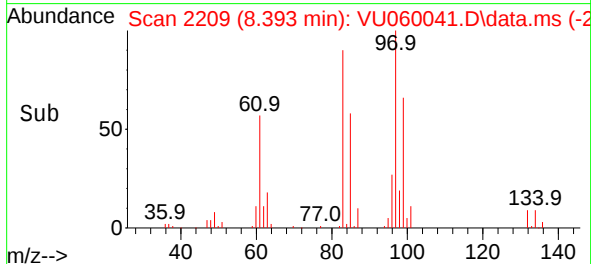
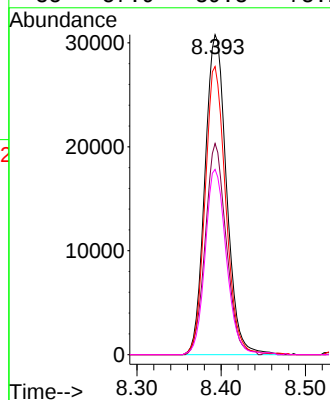
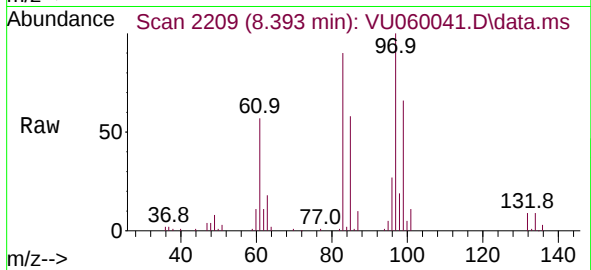




#45
1,1,2-Trichloroethane
Concen: 5.048 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

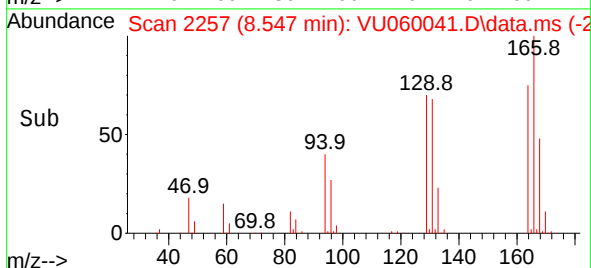
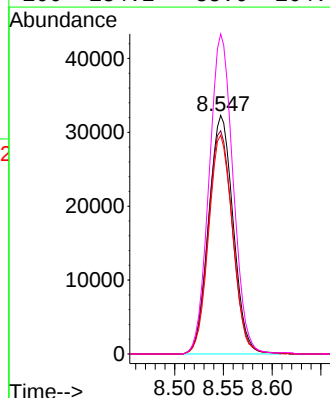
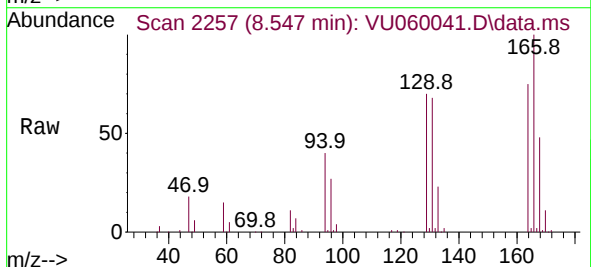
Instrument :
MSVOA_U
ClientSampleId :

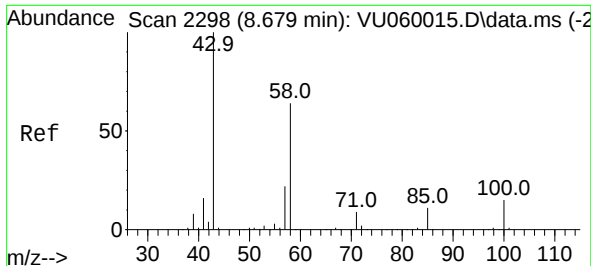
Tgt Ion: 97	Resp: 54945
Ion Ratio	Lower Upper
97 100	
99 66.0	43.8 81.4
83 90.1	62.1 115.3
85 57.9	39.3 73.1



#47
Tetrachloroethene
Concen: 4.891 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

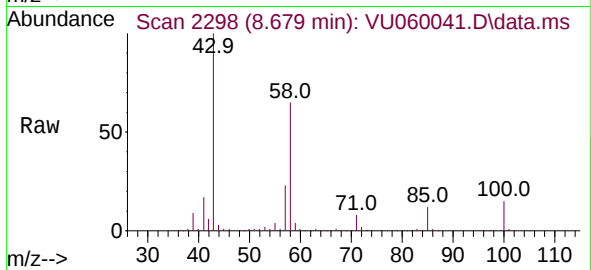
Tgt Ion: 164	Resp: 56553
Ion Ratio	Lower Upper
164 100	
129 93.6	64.6 120.0
131 91.7	61.2 113.8
166 134.2	88.6 164.6



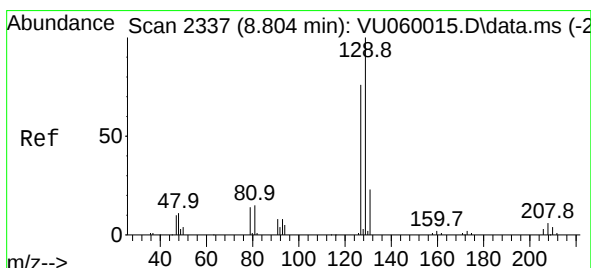
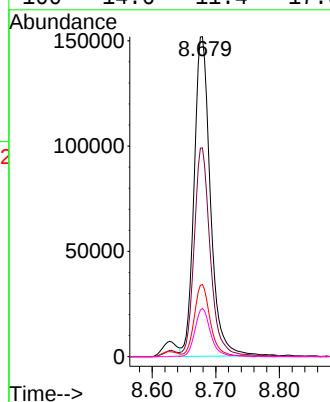
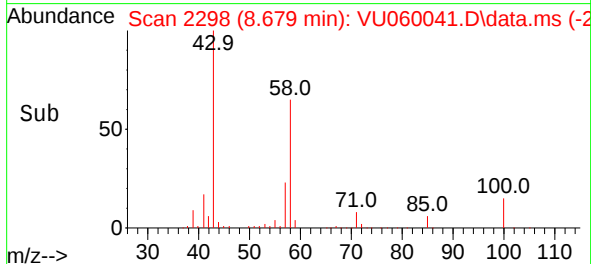


#48
2-Hexanone
Concen: 58.678 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Instrument :
MSVOA_U
ClientSampleId :

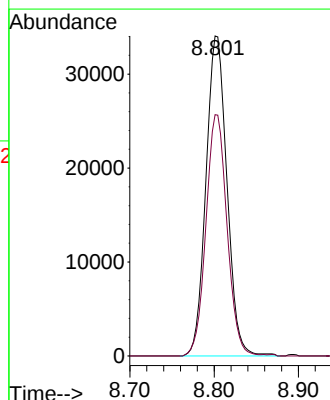
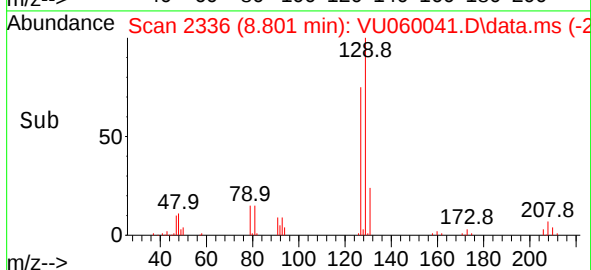
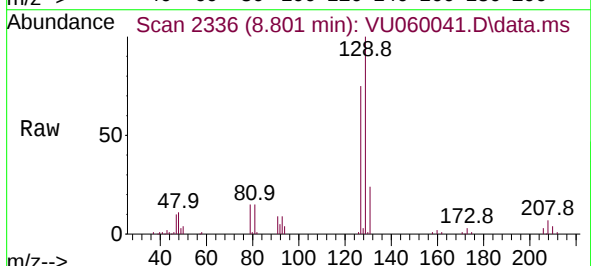


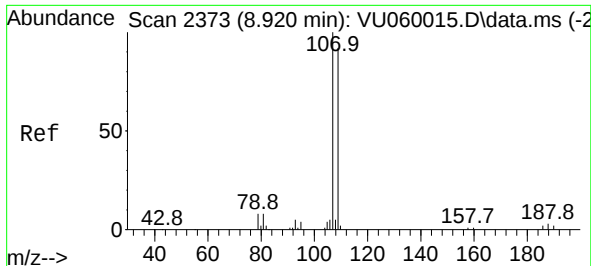
Tgt Ion: 43 Resp: 270785
Ion Ratio Lower Upper
43 100
58 64.1 52.6 78.8
57 21.6 17.8 26.8
100 14.6 11.4 17.0



#49
Dibromochloromethane
Concen: 4.902 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 129 Resp: 59023
Ion Ratio Lower Upper
129 100
127 75.4 54.6 101.4





#50

1,2-Dibromoethane

Concen: 5.165 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

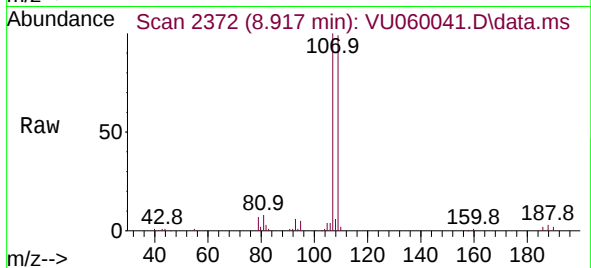
Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :



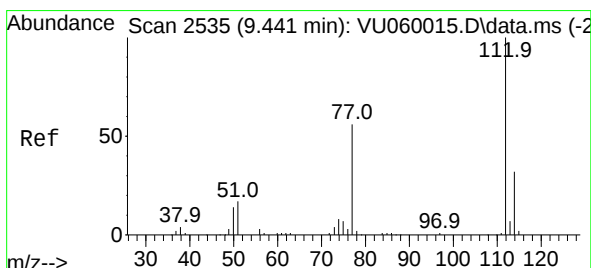
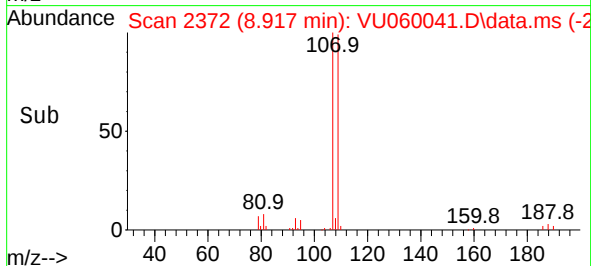
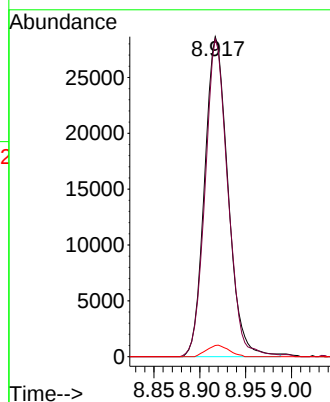
Tgt Ion:107 Resp: 50827

Ion Ratio Lower Upper

107 100

109 99.2 64.0 118.8

188 3.5 3.0 4.6



#51

Chlorobenzene

Concen: 5.054 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

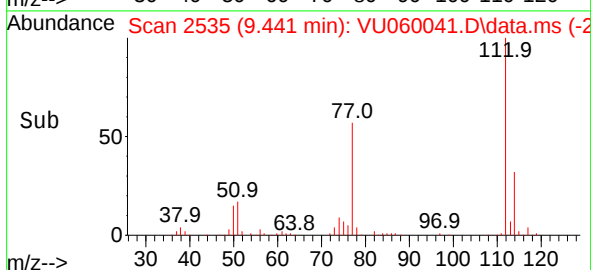
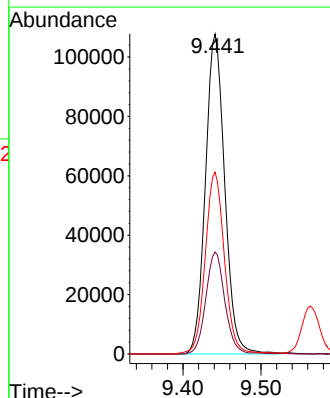
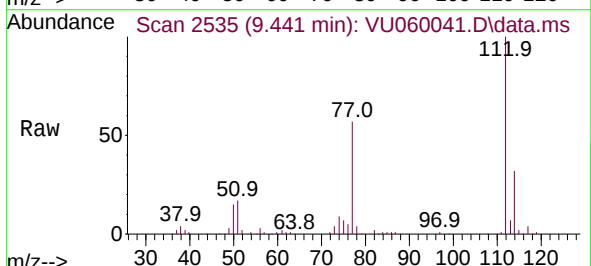
Tgt Ion:112 Resp: 185260

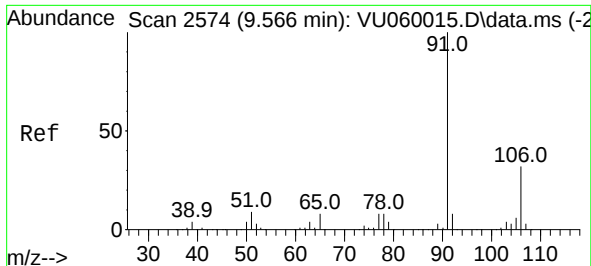
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 56.8 44.7 67.1





#52

Ethylbenzene

Concen: 5.281 ug/L

RT: 9.563 min Scan# 2574

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

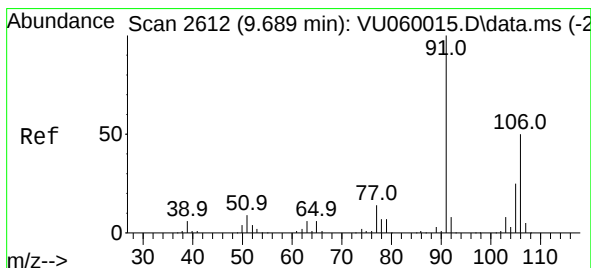
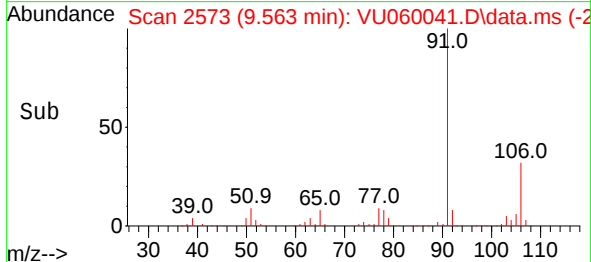
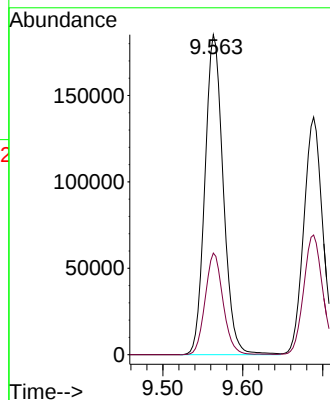
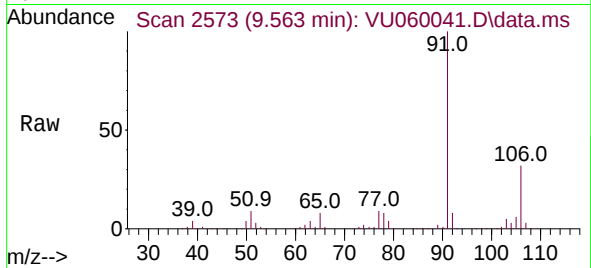
ClientSampleId :

Tgt Ion: 91 Resp: 295511

Ion Ratio Lower Upper

91 100

106 31.7 21.9 40.7



#53

m,p-Xylene

Concen: 5.325 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060041.D

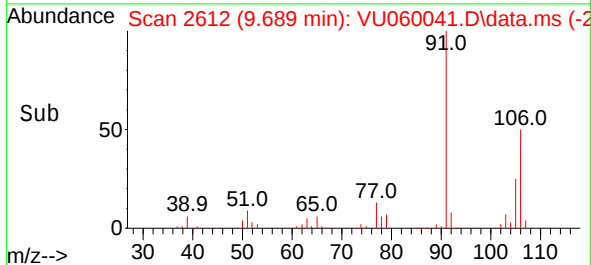
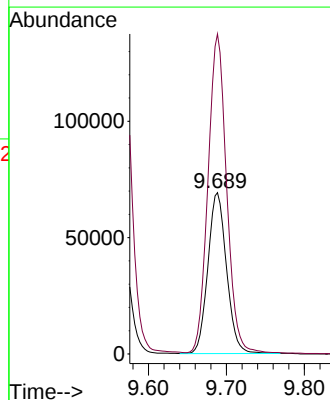
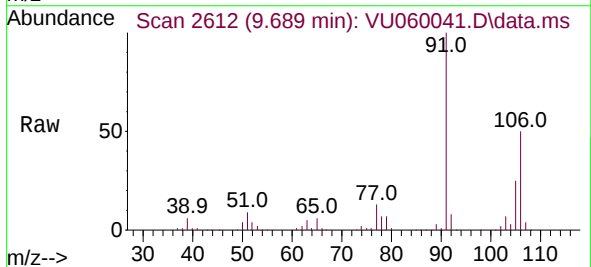
Acq: 19 Jul 2024 00:45

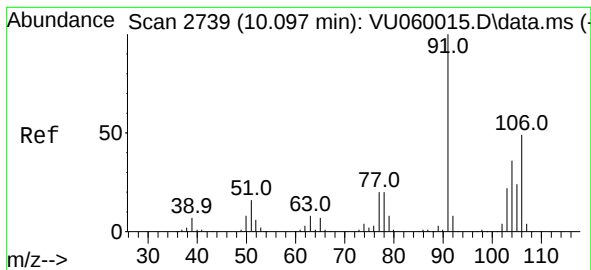
Tgt Ion:106 Resp: 115095

Ion Ratio Lower Upper

106 100

91 198.4 141.3 262.5





#54

o-Xylene

Concen: 5.377 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

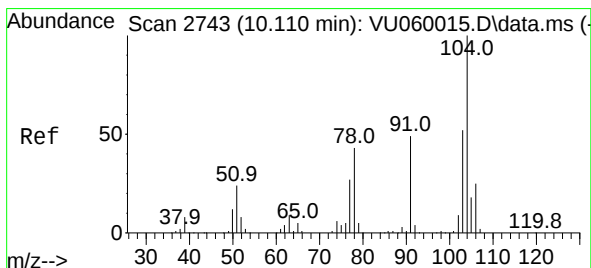
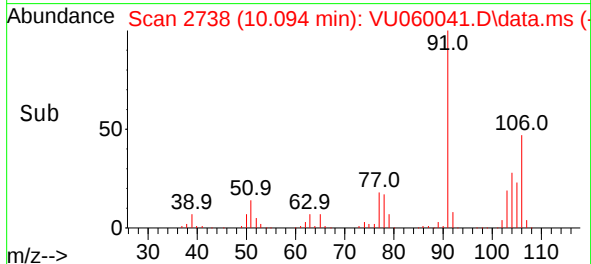
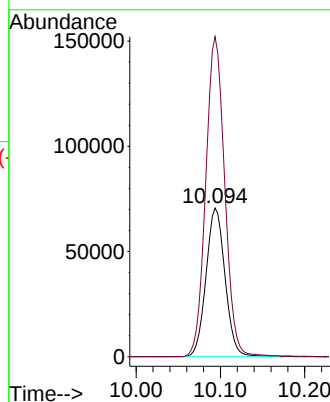
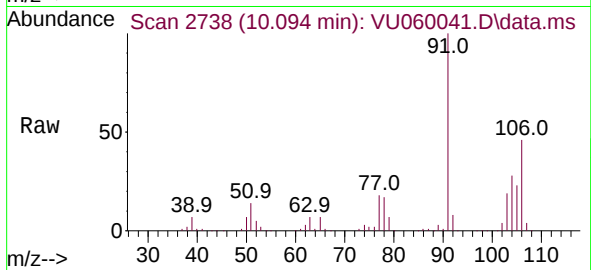
ClientSampleId :

Tgt Ion:106 Resp: 111155

Ion Ratio Lower Upper

106 100

91 215.2 143.6 266.6



#55

Styrene

Concen: 5.562 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU060041.D

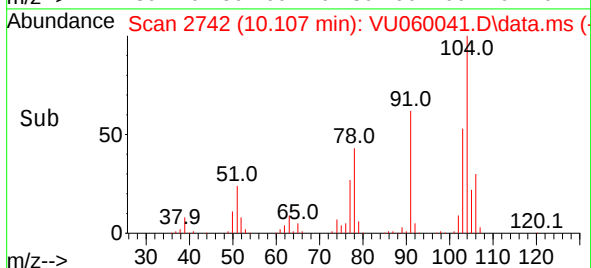
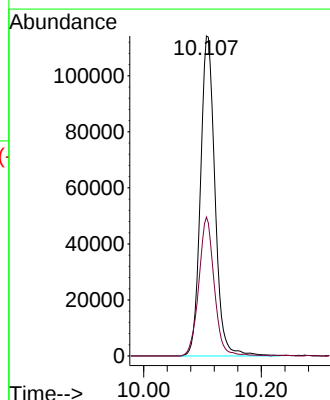
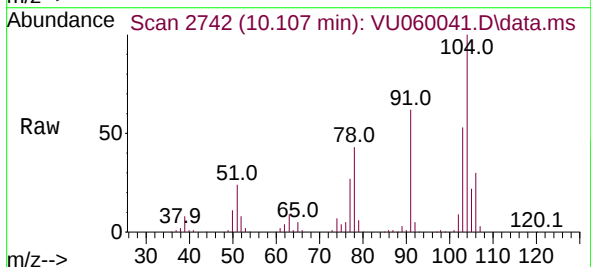
Acq: 19 Jul 2024 00:45

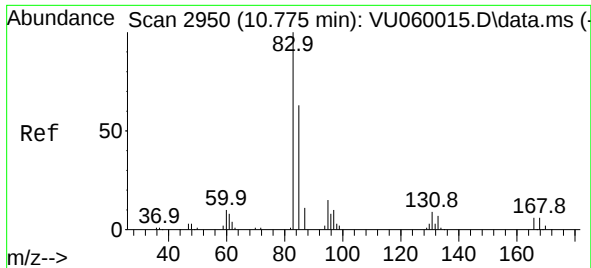
Tgt Ion:104 Resp: 195699

Ion Ratio Lower Upper

104 100

78 43.4 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.098 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :

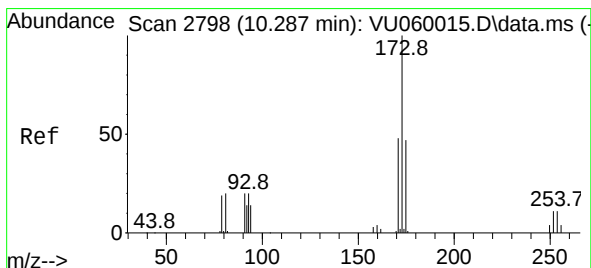
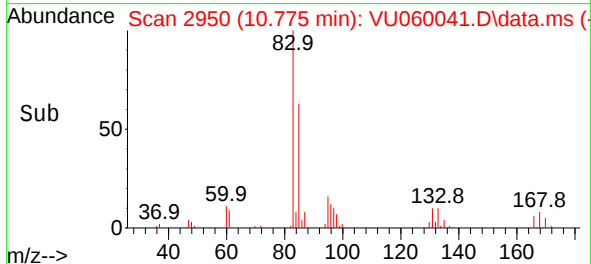
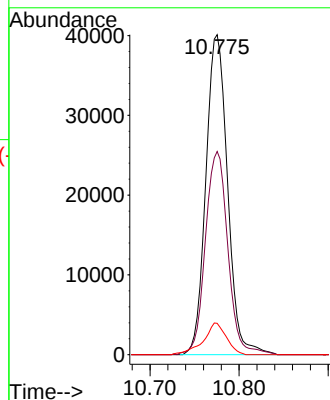
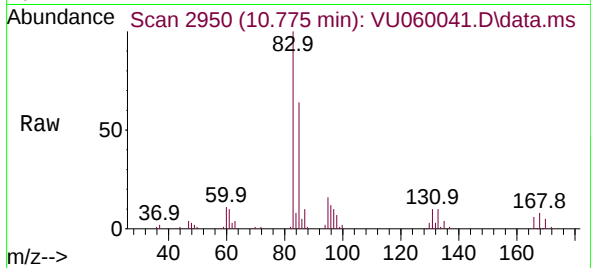
Tgt Ion: 83 Resp: 67879

Ion Ratio Lower Upper

83 100

85 63.5 46.8 87.0

131 9.8 7.8 11.6



#59

Bromoform

Concen: 4.996 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

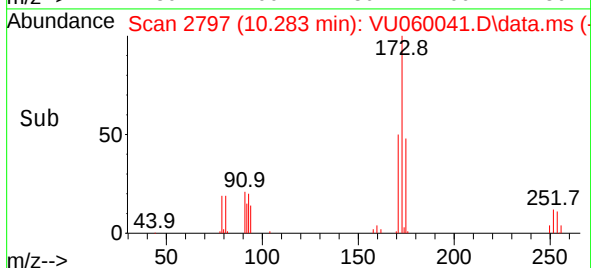
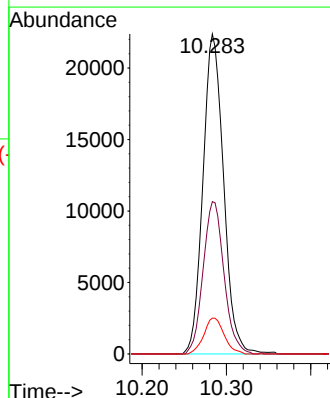
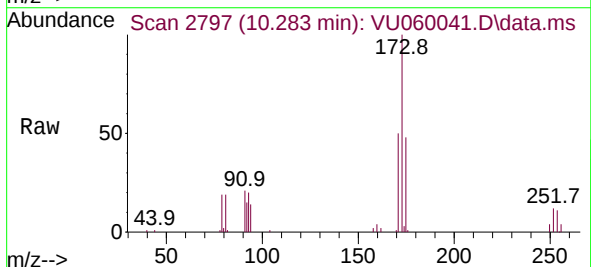
Tgt Ion:173 Resp: 38155

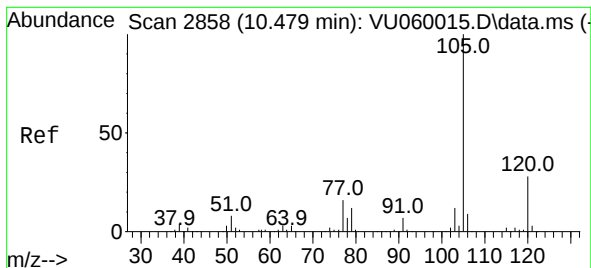
Ion Ratio Lower Upper

173 100

175 48.1 38.7 58.1

254 11.1 9.0 13.4





#60

Isopropylbenzene

Concen: 5.346 ug/L

RT: 10.476 min Scan# 2938

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :

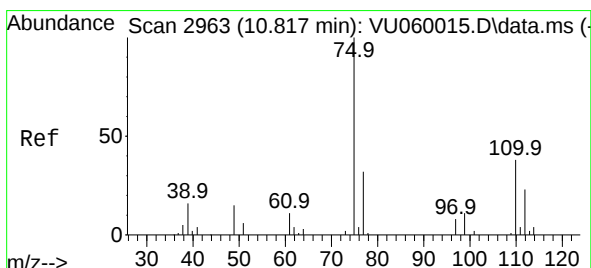
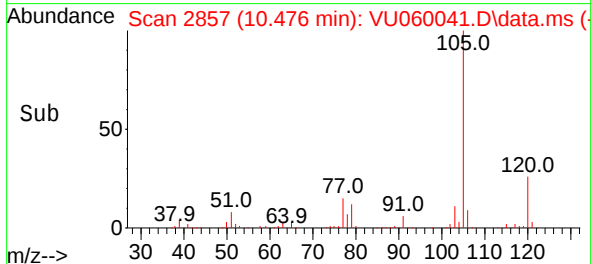
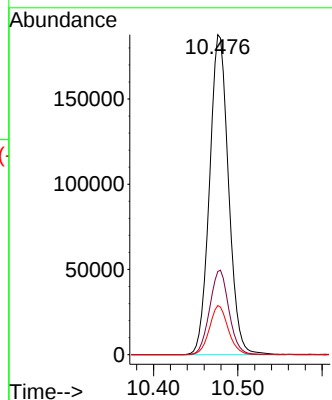
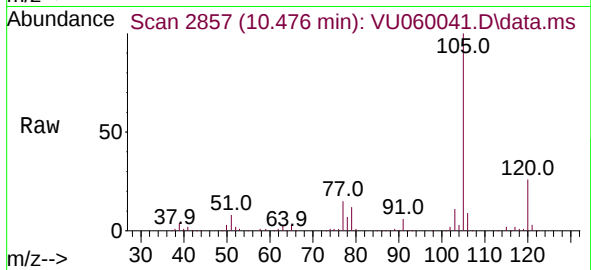
Tgt Ion:105 Resp: 293827

Ion Ratio Lower Upper

105 100

120 26.8 21.9 32.9

77 15.1 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 5.293 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

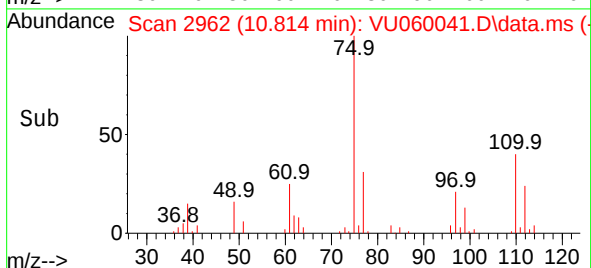
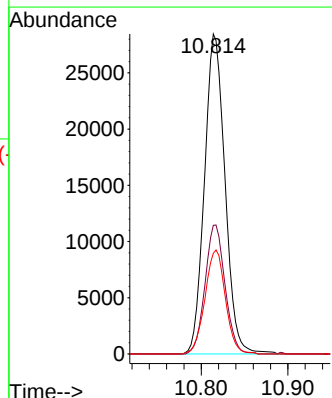
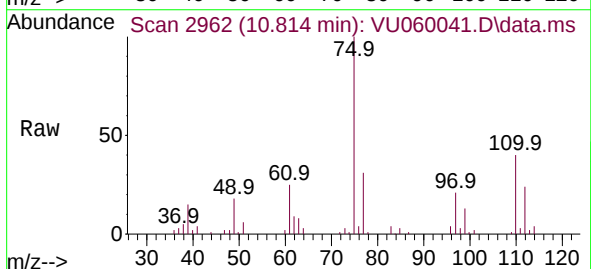
Tgt Ion: 75 Resp: 46896

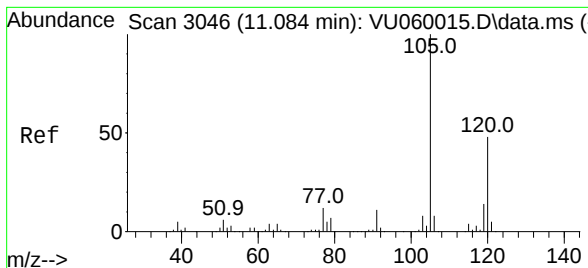
Ion Ratio Lower Upper

75 100

110 39.2 30.8 46.2

77 32.4 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 5.500 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

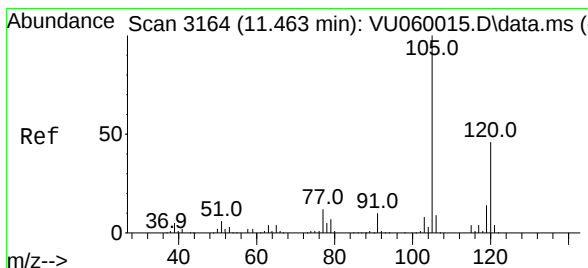
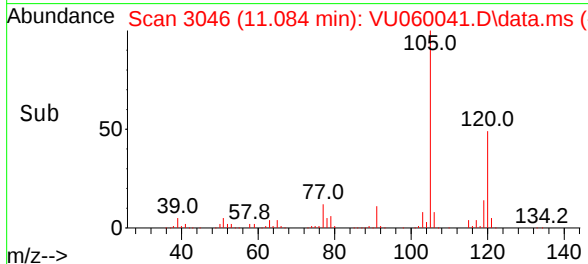
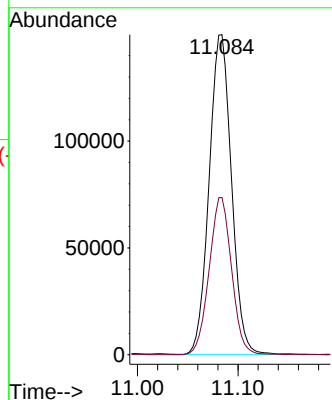
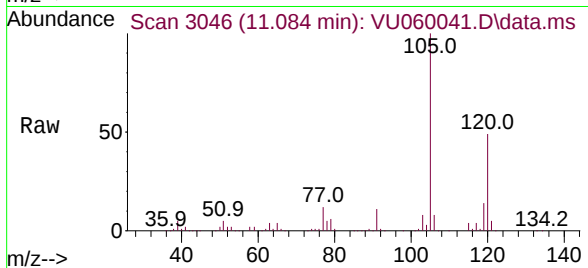
ClientSampleId :

Tgt Ion:105 Resp: 230948

Ion Ratio Lower Upper

105 100

120 49.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 5.551 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU060041.D

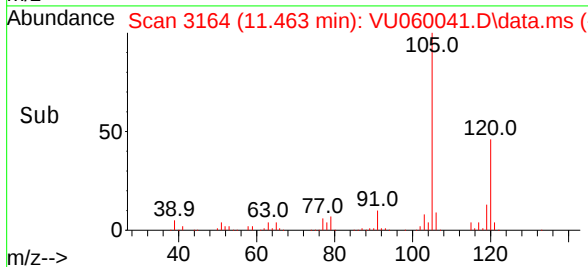
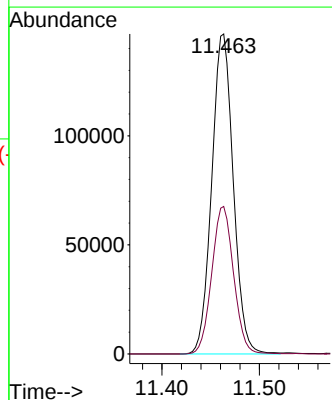
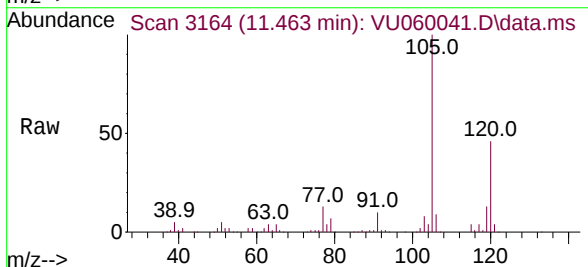
Acq: 19 Jul 2024 00:45

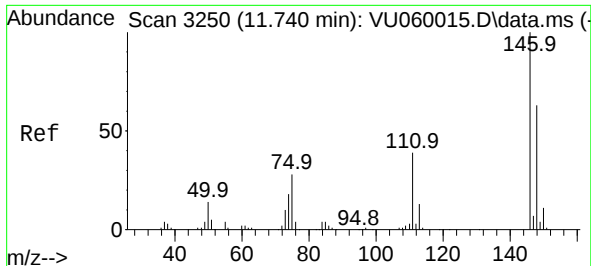
Tgt Ion:105 Resp: 225235

Ion Ratio Lower Upper

105 100

120 46.7 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.046 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :

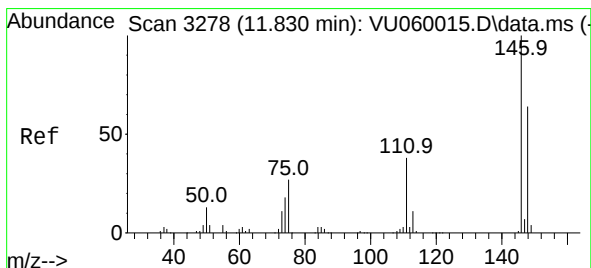
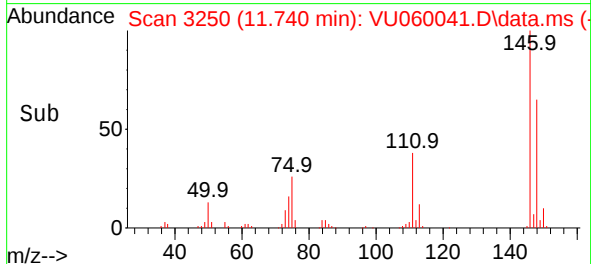
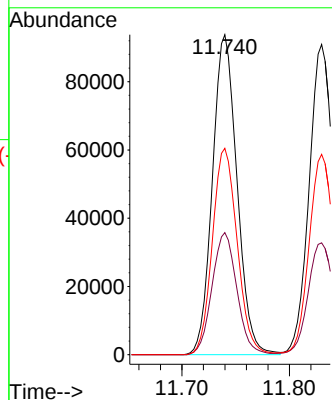
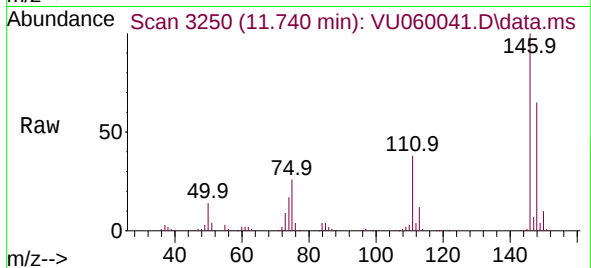
Tgt Ion:146 Resp: 149227

Ion Ratio Lower Upper

146 100

111 38.2 27.2 50.4

148 64.5 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.923 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

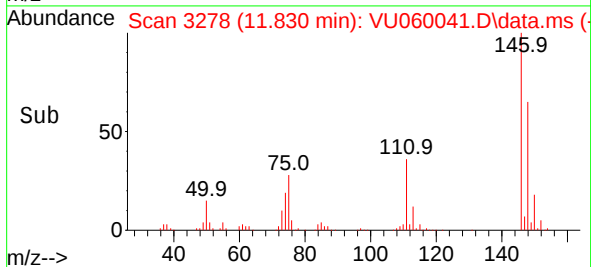
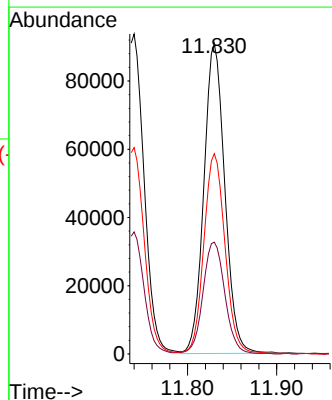
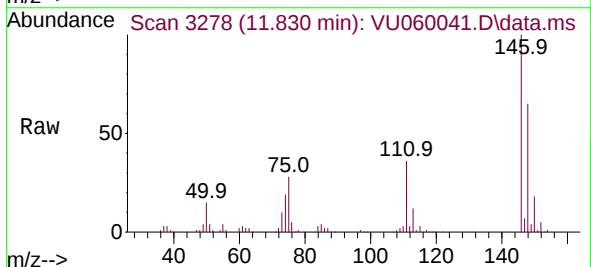
Tgt Ion:146 Resp: 148198

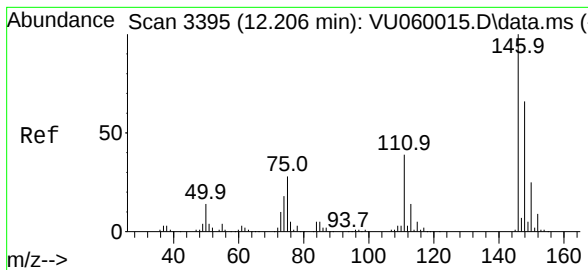
Ion Ratio Lower Upper

146 100

111 36.1 26.5 49.1

148 64.6 45.3 84.1

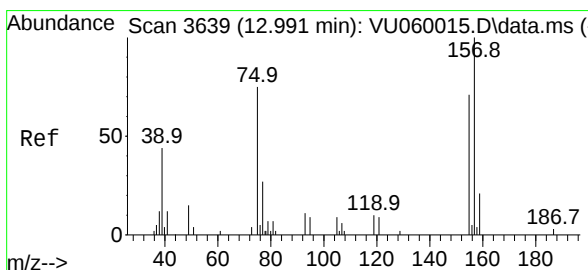
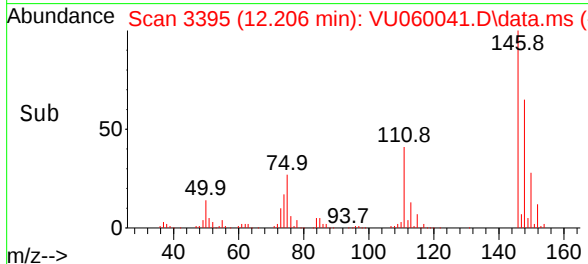
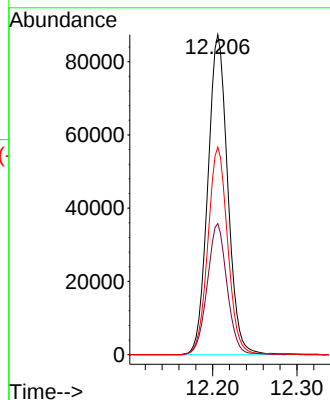
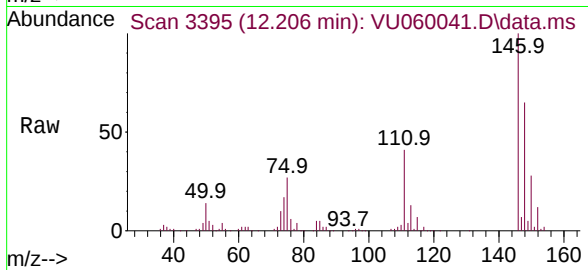




#67
1,2-Dichlorobenzene
Concen: 5.057 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

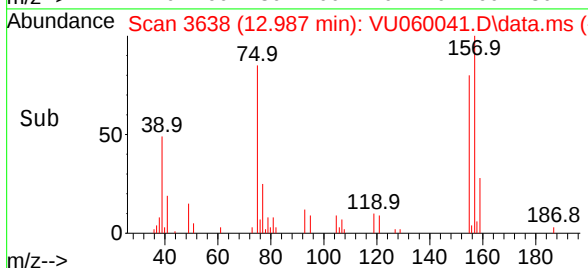
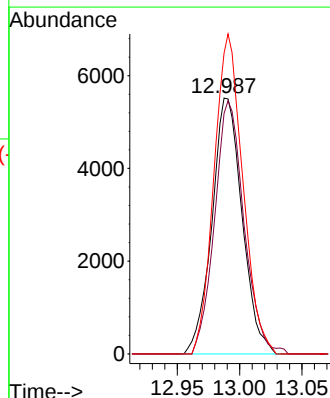
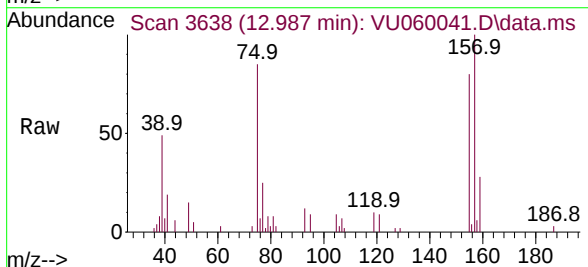
Instrument :
MSVOA_U
ClientSampleId :

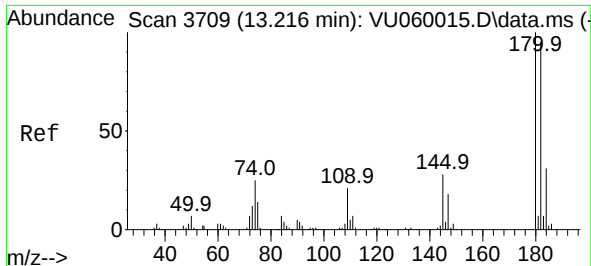
Tgt Ion:146 Resp: 143138
Ion Ratio Lower Upper
146 100
111 40.9 30.9 46.3
148 64.8 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.388 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU060041.D
Acq: 19 Jul 2024 00:45

Tgt Ion: 75 Resp: 9303
Ion Ratio Lower Upper
75 100
155 94.0 70.6 105.8
157 117.5 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 4.844 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.003 min

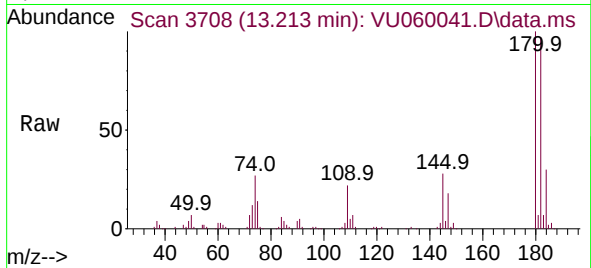
Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 108125

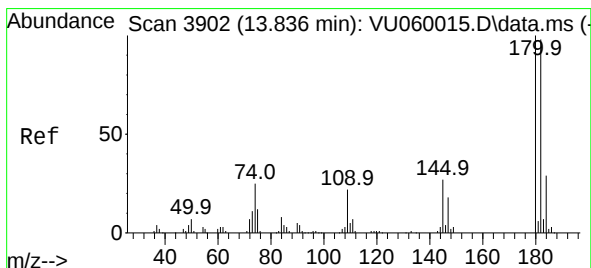
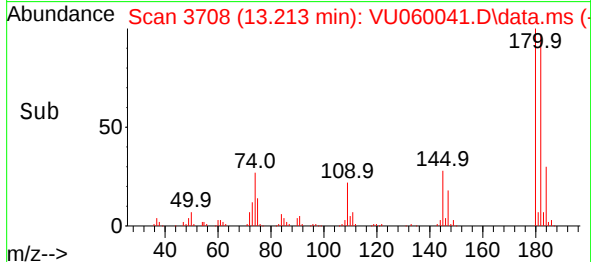
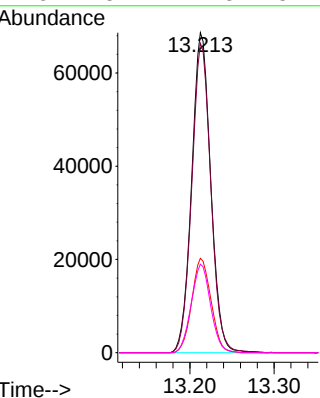
Ion Ratio Lower Upper

180 100

182 96.3 74.6 111.8

184 29.8 23.1 34.7

145 28.1 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 5.234 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

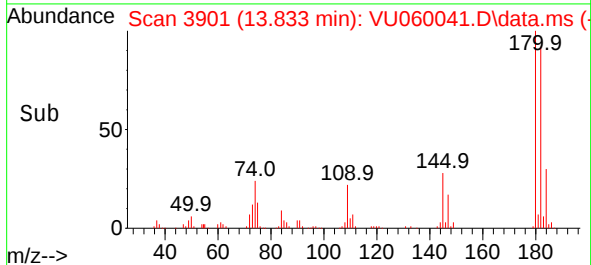
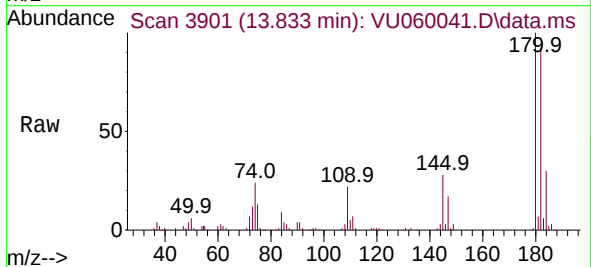
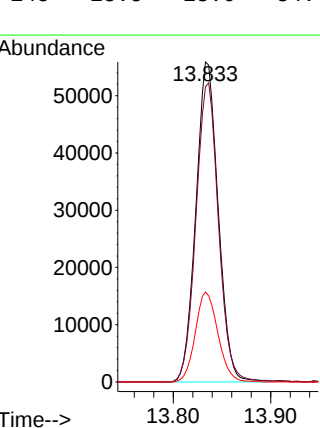
Tgt Ion:180 Resp: 88906

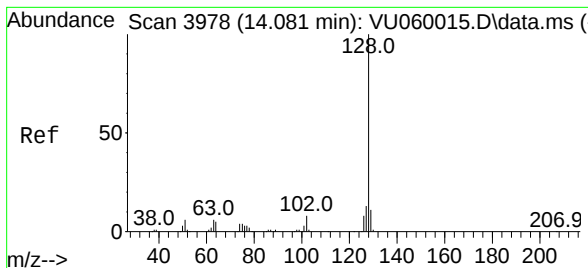
Ion Ratio Lower Upper

180 100

182 94.4 77.2 115.8

145 28.5 23.0 34.4





#71

Naphthalene

Concen: 5.397 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Instrument :

MSVOA_U

ClientSampleId :

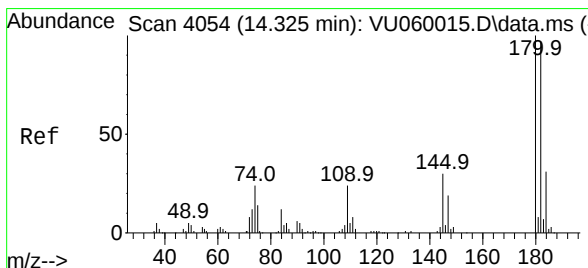
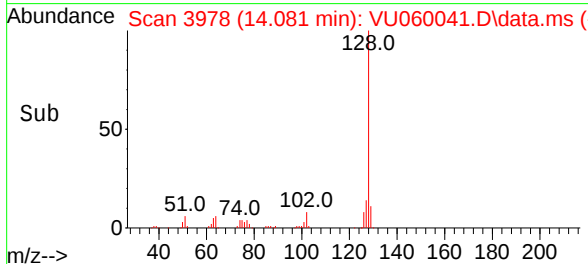
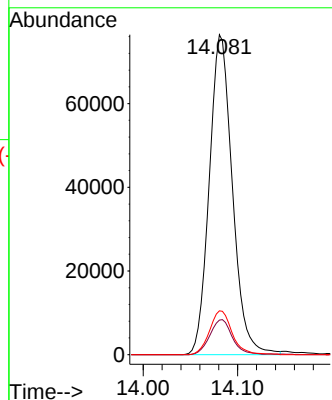
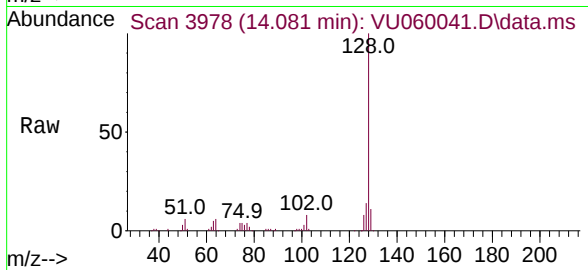
Tgt Ion:128 Resp: 129906

Ion Ratio Lower Upper

128 100

129 10.6 8.2 12.4

127 13.5 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.300 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU060041.D

Acq: 19 Jul 2024 00:45

Tgt Ion:180 Resp: 80969

Ion Ratio Lower Upper

180 100

182 98.3 76.3 114.5

145 31.0 23.9 35.9

